

CALENDAR
OF
DALHOUSIE COLLEGE
AND
UNIVERSITY,

HALIFAX, NOVA SCOTIA,

1892-93.



HALIFAX:

PRINTED FOR THE UNIVERSITY BY THE NOVA SCOTIA PRINTING COMPANY,

1892.

TIME TABLE—FACULTIES OF ARTS AND SCIENCE.

Years.	Hours.	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>
First Year.	9	English.	Inorg. Chem.	Inorg. Chem.	English.	Inorg. Chem.
	10	Latin.	Greek.	Latin.	Greek.	Latin.
	11	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics.
	12	2nd German.	Botany.	Botany.	Botany.	2nd German.
	3	1st German.	2nd French. 1st French.	2nd German. 1st German.	2nd French. 1st French.	2nd German. 1st German.
Second Year.	9	Junior Phil.	3rd French.	Junior Phil.	3rd French.	Junior Phil.
	10	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics.
	11	Latin.	Greek.	Latin.	Greek.	Latin.
	12	English.	Jun. Physics.	English.	Junior Physics.	Jun. Physics.
	2	2nd German.	2nd French.	2nd German.	2nd French.	English. 2nd German.
Third Year.	9	3rd German.	3rd French.	3rd German.	3rd French.	3rd German.
	"	Org. Chem.	Const. Hist.	Org. Chem.	Const. Hist.	Org. Chem.
	10	Sen. Physics.	Greek (1st yr.)	Sen. Physics.	Greek (1st yr.)	History.
	"	Pol. Economy.	Pol. Economy.	Pol. Economy.	Pol. Economy.	Pol. Economy.
	11	Adv. Classics.	Adv. Classics.	Adv. Classics.	Adv. Classics.	Adv. Classics.
	12	Jun. Physics.	Jun. Physics.	Jun. Physics.	Jun. Physics.	Jun. Physics.
	"	History.	History.	History.	History.	History.
	"	Ethics.	Ethics.	Ethics.	Ethics.	Ethics.
	12	Latin.	Greek (3rd yr)	Latin.	Greek (3rd yr)	Greek (3rd yr)
	"	Adv. Math.	Adv. Math.	Adv. Math.	Adv. Math.	Adv. Math.
Fourth Year.	9	3rd German.	3rd French.	3rd German.	3rd French.	3rd German.
	"	Org. Chem.	Org. Chem.	Org. Chem.	Org. Chem.	Org. Chem.
	10	Const. Law.	Pol. Economy.	Const. Law.	Pol. Economy.	Const. Law.
	"	Sen. Physics.	Adv. Classics.	Sen. Physics.	Adv. Classics.	Sen. Physics.
	11	Adv. Physics.	History.	Adv. Physics.	History.	Adv. Physics.
	"	Ethics.	Greek (2nd yr)	Ethics.	Greek (2nd yr.)	Ethics.
	12	Latin.	Greek (4th yr)	Latin.	Greek (4th yr.)	Latin.
	"	Botany.	Botany.	Contracts.	Botany.	Contracts.
	"	Adv. Math.	Adv. Math.	Adv. Math.	Adv. Math.	Adv. Math.
	1	2nd German.	2nd French.	2nd German.	2nd French.	2nd German.
2	Senior Phil.	Senior Phil.	Senior Phil.	Senior Phil.	Senior Phil.	
3	Adv. Phil.	Adv. Phil.	Adv. Phil.	Adv. Phil.	Adv. Phil.	
4						

N. B.—The days and hours of the meeting of classes not mentioned in this Time Table will be arranged at the opening of the session.

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ERRATA.

- P. 31, lines 6 and 9, for : xxiii, read : xxiv.
P. 33, end of § v ; see slip inserted to face p. 32.
P. 35, line 25, for : 17th, read : 20th.
P. 36, line 29, after : Medical Faculty, insert : and has registered with that Faculty.
P. 37, line 5, for : 7, read : 8.
P. 43, line 6, for : 12th, read 19th.
P. 43, line 10, for : retain ; read : restrain.
P. 45, line 7, omit : each, and : Mathematics and.
P. 46, line 5, after : Society, insert : Bursary.
P. 47, line 4 from foot, for 8th-11th, read : 13th-19th.
P. 48, line 2, omit : any.
P. 49, for the second paragraph, beginning : "Candidates shall be required to present themselves," substitute the last paragraph of the same section (§ xvi), beginning with the same words.
P. 49, line 10 from foot, for : 19th, read : 21st.
P. 50, line 4, for : 19th, read : 21st.
P. 61, line 23, after : Matriculation, insert : Registration.
P. 71, after sub-section 1 (4), insert the following as sub-section 2 : "Candidates will be required to pass written and oral examinations in Chemistry, Botany, Anatomy, Physiology, Histology, and in Materia Medica and Therapeutics, and will also be required to pass an examination in Practical Chemistry."
P. 77, sub-sections 2, 3, 4, and 5 should be numbered 3, 4, 5 and 6.

NOTICE.

Attention is directed to changes in §§ I (m) (Special Course in Shakespeare), V (Matriculation with Distinction), XV (Sir Wm. Young and Professors' Scholarships), XVII (Admission of lady undergraduates, as boarders, at the Halifax Ladies' College).

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University Almanac, 1892-93.

1892.

- Aug. 22, M.—Last day for receiving notices of Supplementary and Matriculation Examinations (Faculty of Law).
- 30, Tu.—Session (Law Faculty) begins.—Matriculation and Supplementary Examinations (Law Faculty).—Registration and payment of class fees (Law Faculty).—Meeting of Law Faculty, 4 P. M.
- Sept. 2, F.—Meeting of Faculty of Law, 4 P. M.
- 8, Th.—Meeting of Senate, 11 A. M.
- 9, F.—Meeting of Faculty of Arts, 11 A. M.
- 13, Tu.—3 P. M., Registration of Candidates for Matriculation, Bursary and Scholarship Examinations (Arts and Science Faculties).
- 14, W.—Session (Arts and Science Faculties) begins.—Examinations for 1st and 2nd year Matriculation (Arts and Science Faculties), for Munro Exhibitions and Bursaries, and for Young and Professors' Scholarships, begin :
9.45 A. M., Latin—3 P. M., Greek.
- 15, Th.—10 A. M., Geometry.—3 P. M., Arithmetic and Algebra.
- 16, F.—10 A. M., History and Geography, Philosophy, Physics.—3 P. M., English.
- 17, Sa.—10 A. M., French.—3 P. M., German.
- 19, M.—10 A. M., Chemistry.—3 P. M., Botany.
- " "—Supplementary Examinations (Arts and Science Faculties) begin, 10 A. M.
- 20, Tu.—Intimation as to elective subjects to be made by undergraduates on 3rd and 4th years, Arts Faculty, on or before this day.
- 21, W.—Meeting of Faculties of Arts and Science, 9 A. M.
- " "—CONVOCATION, 3 P. M.—Opening address by Prof. Macdonald.
- 22, Th.—Matriculation, Registration and Gymnasium Tickets issued at hours specified in notice in College Hall (Arts and Science Faculties).
- " "—Lectures begin (Arts and Science Faculties).
- Oct. 7, F.—Meeting of Faculty of Law, 4 P. M.
- 12, W.—Last day for receiving applications for Medical Matriculation Examinations.
- " "—Final Matriculation Examinations (Arts and Science Faculties) begin:
3 P. M., English, History, and Geography.
- 13, Th.—3 P. M., Classics and Modern Languages.
- 14, F.—3 P. M., Mathematics.
- 15, Sa.—10 A. M., Chemistry.
- 18, Tu.—Meeting of Faculties of Arts and Science, 1 P. M.
- 20, Th.—Meeting of Faculties of Arts and Science, 4 P. M.
- 21, F.—Returns as to residence and church attendance to be made on or before this day.
- Oct. 26, W.—Session (Medical Faculty) begins.—Matriculation Examination (Medical Faculty) begins.
- 29, Sa.—Results of Medical Matriculation Examinations declared, and certificates issued.
- 31, M.—Registration, payment of class fees, and beginning of lectures, (Medical Faculty).
- Nov. 4, F.—Meeting of Faculty of Law, 4 P. M.
- 1, F.—George Munro's Day.—No lectures.

- Dec. 2, F.—Meeting of Faculty of Law, 4 P. M.
 16, F.—Christmas Examinations (Arts and Science Faculties) begin :
 8.45 A. M., Latin.
 11.15 A. M., French.
 3.30 P. M., Botany, Junior Philosophy.
 19, M.— 9.00 A. M., German.
 11.15 A. M., Mathematics (1st and 2nd years), History (3rd year),
 Senior Physics.
 3.30 P. M., English (1st year), Ethics.
 20, Tu.— 9.00 A. M., Political Economy, Classical History and Geography.
 11.15 A. M., English (2nd, 3rd, and 4th years).
 3.30 P. M., Chemistry (Inorganic and Organic).
 21, W — 9.00 A. M., Greek.
 11.15 A. M., History (4th year), Junior Physics, Applied Mechanics.
 3.30 P. M., Mathematics (1st and 2nd years), Senior Philosophy.
 22, Th.—No lectures.—Christmas vacation begins.

1893.

- Jan. 9, M.—Lectures resumed.
 13, F.—Meeting of Faculty of Law, 4 P. M.
 Feb. 2, Th.— Meeting of Senate, 4 P. M.
 3, F.—Meeting of Faculty of Law, 4 P. M.
 10, F.—Last day of Lectures (Law Faculty).
 13, M.—Sessional Examinations (Law Faculty) begin :—
 10 A. M., Constitutional History, International Law.
 2.30 P. M., Constitutional Law, Shipping.
 14, Tu.— 10 A. M., Crimes, Equity.
 2.30 P. M., Sales.
 15, W.—Ash Wednesday. No lectures.
 10 A. M., Torts, Conflict of Laws.
 2.30 P. M., Insurance.
 16, Th.— 10 A. M., Evidence.
 2.30 P. M., Real Property.
 17, F.—10 A. M., Contracts.
 Mar. 1, W.—Last day for receiving M. A. Theses.
 31, F.—Good Friday. No lectures.
 April 3, M.—Last day for receiving applications for Primary and Final M.D.C.M.
 Examinations.
 5, W.—Last day of lectures (Arts and Science Faculties).—Last day for
 returning books to the University Library.—Meeting of Faculties
 of Arts and Science, 4 P. M.
 7, F.—Last day of lectures (Medical Faculty).
 “ “—Spring Examinations (Arts and Science Faculties) begin :
 10 A. M., Practical Chemistry.
 8, Sa.—Certificates of class attendance (Medical Faculty) issued.
 10, M.— 8.45 A. M., Latin.
 11.15 A. M., French.
 3 P. M., Junior Philosophy, Practical Physics.
 11, Tu.— 9 A. M., English (2nd, 3rd, and 4th years).
 11.15 A. M., Additional French.
 3 P. M., Senior Philosophy, Surveying.
 12, W.— 9 A. M., Botany, (Arts, Science, and Medical Faculties).
 11.15 A. M., Mathematics, History (3rd year), Senior Physics.
 3 P. M., Additional Latin, Civil Engineering.
 13, Th.— 9 A. M., English (1st year), Additional English (3rd and 4th years).
 11.15 A. M., Political Economy, Mineralogy.
 3 P. M., Chemistry (Inorganic and Organic).

- April 14. F.— 9 A. M., Greek, Mining.
 11.15 A. M., History (4th year), Junior Physics, Applied Mechanics.
 3 P. M., Additional Greek (1st and 2nd years).
- 15, Sa.— 9 A. M., Mathematics, Additional Senior Physics.
 11.15 A. M., Additional Junior Physics.
 3 P. M., Additional Greek (3rd and 4th years), Additional English (1st and 2nd years).
- 17, M.— 9 A. M., German.
 11.15 A. M., Additional Mathematics.
 3 P. M., Ethics.
- “ “ —M. D., C. M. Examinations begin :—
 10 A. M.—1 P. M., Anatomy.
 3 P. M.—6 P. M., Surgery.
- 18, Tu.— 9 A. M., Additional Ethics.
 11.15 A. M., Additional German.
 3 P. M., Additional Senior Philosophy.
 10 A. M.—1 P. M., Materia Medica.
 3 P. M.—6 P. M., Medicine.
- 19, W.— 10 A. M.—1 P. M., Physiology.
 3 P. M.—6 P. M., Histology, Obstetrics and Diseases of Women and Children.
- 20, Th.— 10 A. M.—1 P. M., Chemistry, and Clinical Examinations.
 3 P. M.—6 P. M., Medical Jurisprudence.
- 21, F.—Oral Examinations (Faculty of Medicine) begin.
- 22, Sa.—Meeting of Faculties of Arts and Science, 10 A. M.
- 24, M.—Meeting of Senate, 10 A. M.—Results of Examinations (Faculties of Arts, Science and Medicine) declared.
- 25, Tu.—CONVOCAION, 3 P. M.

HISTORICAL SKETCH.

DALHOUSIE COLLEGE was founded by the Earl of Dalhousie in 1821, "for the education of youth in the higher branches of science and literature."

The original endowment was derived from funds collected at the port of Castine, in Maine during its occupation in 1824 by Sir John C. Sherbrooke, then Lieutenant-Governor of Nova Scotia. These funds the British Government authorized the Earl of Dalhousie, Sir John's successor, to expend "in defraying the expenses of any improvement which it might seem expedient to undertake in the Province"; and the Earl, believing that "a Seminary for the higher branches of education is much needed in Halifax—the seat of the Legislature—of the courts of justice—of the military and mercantile Society," decided upon "founding a College or Academy on the same plan and principle of that at Edinburgh," "open to all occupations and sects of religion, restricted to such branches only as are applicable to our present state, and having the power to expand with the growth and improvement of our society."

The original Board of Governors consisted of the Governor-General of British North America, the Lieutenant-Governor of Nova Scotia, the Bishop, the Chief Justice and President of Council, the Provincial Treasurer and the Speaker of the House of Assembly.

After unsuccessful efforts on the part of both the British Government and the Board of Governors to effect a union with King's College, the only other then existing in the Province, this College went into operation in 1838, under the Presidency of the Rev. Thomas McCulloch, D. D., and with a staff of three Professors.

By an Act passed in 1841, University powers were conferred on the College, and the appointment of the Governors was vested in the Lieutenant-Governor and Council.

In 1843, President McCulloch died; and in 1845, the College was closed, the Governors considering it "advisable to allow the funds of the institution to accumulate."

In 1848 an Act was passed authorizing the Lieutenant-Governor and Council to appoint a new board of Governors "to take such steps for rendering the institution useful and efficient as to His Excellency may seem fit." This Board, from 1849 to 1859, employed the funds of the University to support a High School.

In 1856, the Arts department of the Gorham College, Liverpool, N. S., was transferred to this College "with a view to the furtherance of the establishment of a Provincial University," and an attempt was made to conduct the Institution as a University under the Act of 1841. This union, however, came to an end in 1857.

In 1863, the College was re-organized under the following Act :—

An Act for the Regulation and Support of Dalhousie College.

(Passed the 20th day of April, A. D., 1863.)

WHEREAS, it is expedient to extend the basis on which the said College is established, and to alter the constitution thereof, so as the benefits that may be fairly expected from its invested capital and its central position may, if possible, be realized, and the design of its original founder, as nearly as may be, carried out,

Be it enacted by the Governor, Council, and Assembly as follows :—

1. The Board of Governors now appointed, consisting of the Honorable William Young, the Honorable Joseph Howe, Charles Tupper, S Leonard Shannon, John W. Ritchie, and James F. Avery, Esquires, shall be a body politic and corporate, by the name and style of the Governors of Dalhousie College at Halifax, and shall have and exercise all usual powers and authorities as such, and have the title, control and disposition of the buildings on the Parade, at Halifax, and of the property and funds belonging to the said College, and held for the use thereof, by the present Governors; and all vacancies at the Board shall be filled up on recommendations of the remaining members thereof by the Governor-in-Council; and any of the Governors shall be removable by the Governor-in-Council, at the instance of the Board of Governors.

2. Whenever any body of Christians, of any religious persuasion whatsoever, shall satisfy the Board that they are in a position to endow and support one or more chairs or professorships in the said College, for any branch of literature or science, approved of by the Board, such body in making such endowment, to the extent of twelve hundred dollars a year, shall have a right, from time to time, for every chair endowed, to nominate a Governor to take his seat at the Board with the approval of the Board of Governors and of the Governor-in-Council, and shall also have a right, from time to time, to nominate a Professor for such chair, subject to the approval of the Board of Governors; and in the event of the death, removal, or resignation of any person nominated under this section, the body nominating shall have the power to supply the vacancy thus created.

3. The same right of nominating a Professor from time to time shall belong to any individual or number of individuals, who shall endow to the same extent and support a chair or professorship, and to the nominee of any testator by whose will a chair or professorship may be so endowed.

4. The Governors shall have power to appoint and to determine the duties and salaries of the President, Professors, Lecturers, Tutors, and other officers of the College, and from time to time to make statutes and bye-laws for the regulation and management thereof, and shall assemble together as often as they shall think fit, and upon such notice as to them shall seem meet, and for the execution of the trust hereby reposed in them.

5. The said College shall be deemed and taken to be a University, with all the usual and necessary privileges of such institutions; and the students shall have liberty and faculty of taking the degrees of bachelor, master, and doctor, in the several arts and faculties at the appointed times; and shall have liberty within themselves of performing all scholastic exercises for the conferring of such degrees, and in such manner as shall be directed by the statutes and bye-laws.

6. No religious tests or subscriptions shall be required of the professors, scholars, graduates, students, or officers of the College.

7. The internal regulation of the said College shall be committed to the *Senatus Academicus*, formed by the respective chairs or professorships thereof, subject in all cases to the approval of the Governors.

8. The Legislature shall have power, from time to time, to modify and control the powers conferred by this Act.

9. The Acts heretofore passed in relation to Dalhousie College are hereby repealed, except the Act passed in the fourth year of his late Majesty King George the Fourth, entitled, "An Act authorizing the lending of a sum of money to the Governors of Dalhousie College, and for securing the repayment thereof."

This Act was afterwards amended by the following Acts :—

An Act to amend the Act for the Regulation and Support of Dalhousie College.

(Passed the 6th day of May, A. D., 1875.)

Be it enacted by the Governor, Council, and Assembly, as follows :—

1. The present Board of Governors, consisting of nine persons, shall be increased to a number not exceeding fifteen ; and the Board shall be filled up with new nominations made on the same principle as set forth in the first section of the Act hereby amended ; and any of the Governors shall be removable, as heretofore, by the Governor-in-Council.

2. The Governors shall have power to affiliate to Dalhousie College any other Colleges desirous of such affiliation, or any schools in arts, in theology, in law, or in medicine, and to make statutes for such affiliations, and for the regulation and management thereof, on the same principles as obtain in other Universities, and to vary and amend such statutes from time to time. Provided always, that such statutes of affiliation, before they go into effect, shall be submitted to and receive the sanction of the Governor-in-Council.

3. So much of chapter 24 of the Acts of 1863, entitled "An Act for the Regulation and Support of Dalhousie College," or of any other Act, as is inconsistent with this Act, is repealed.

An Act to provide for the Organization of a Law Faculty in connection with Dalhousie College, and for other purposes.

(Passed the 14th day of April, A. D., 1881.)

Be it enacted by the Governor, Council, and Assembly, as follows :—

1. The Governors of Dalhousie College at Halifax, shall, in addition to the powers conferred on them by section 2 of chapter 27 of the Acts of 1875, entitled, "An Act to amend the Act for the Regulation and Support of Dalhousie College," have power to organize a Faculty of Law in connection with such College ; and to appoint professors or lecturers in law, and out of the revenues of the College

to provide for the maintenance and support of such Faculty, and to make rules for the regulation and management of such Faculty and for the granting of degrees in law on the same principles as obtain in other universities, and to vary and amend such rules from time to time.

2. Section 3 of chapter 24 of the Acts of 1863, entitled, "An Act for the regulation and support of Dalhousie College," is amended by adding the words "and governor" after the word "professor" in the said section, and any individual who has hitherto endowed a Chair or Chairs in the College shall have a right to nominate a governor for each Chair endowed, in the same way as if section 3 aforesaid had been originally passed as now amended.

3. Section 1 of the said chapter 27 of Acts of 1875, is amended by adding the words "provided, however, that in the event of any body of Christians, individual, or number of individuals, endowing and supporting one or more Chairs or professorships in the said College, as provided by sections 2 and 3 of the Act hereby amended, and of such body of Christians or individuals nominating a professor or governor by virtue thereof, the number of Governors may be increased beyond fifteen, but such increase shall be limited to the number of such chairs or professorships as may after the passing of this Act be founded by virtue of said sections 2 and 3."

In pursuance of the Act of 1863, the Presbyterian Church of the Lower Provinces closed their College, and agreed to support two chairs in this University; the Synod of the Maritime Provinces in connection with the Church of Scotland, founded one chair; and the College opened in that year, under the Principalship of Rev. James Ross, D. D., and with an Arts Faculty of six Professors.

In 1868, a Faculty of Medicine was organized, which in 1875 developed into the Halifax Medical College. In 1885 the Faculty was re-organized.

In 1883 the Faculty of Law, and in 1891 the Faculty of Pure and Applied Science, were added.

In 1879, GEORGE MUNRO, Esq., of New York, a native of this Province, placed in the hands of the Governors the funds necessary for the endowment of a Professorship of Physics. In 1881 he established a Professorship of History and Political Economy. In 1882, he founded a chair of English Language and Literature. In 1883 he added to the staff of the College a Professor of Constitutional and International Law. In 1884 he founded a Professorship of Metaphysics. From 1883 till 1890, he provided Tutors in Classics and Mathematics. Since 1880 he has provided the University with Exhibitions and Bursaries, to the amount of \$74,048.61, which, according to his own desire, have been so offered for competition as to stimulate to greater activity and efficiency the High Schools and Academies of Nova Scotia and the neighboring Provinces.

The Governors desire to place on permanent record their high sense of Mr. Munro's enlightened public spirit, and their gratitude to him for the munificent manner in which he has come to their help in the work of building up an unsectarian University in Nova Scotia.

To connect the donor's name for all time with the benefits thus conferred both on the University and on his native country, the chairs which he has founded shall be called the GEORGE MUNRO CHAIRS OF PHYSICS, OF HISTORY AND POLITICAL ECONOMY, OF ENGLISH LANGUAGE AND LITERATURE, OF CONSTITUTIONAL AND INTERNATIONAL LAW, and OF PHILOSOPHY respectively.

In 1883, ALEXANDER McLEOD, Esq., of Halifax, bequeathed to the University the residue of his estate. The following is an extract from his will :—

“ All the residue of my Estate I give and bequeath to the Governors of Dalhousie College or University in the City of Halifax in Trust, that the same shall be invested and form a fund to be called the McLeod University Fund, and the interest and income of which shall be applied to the endowment of three or more professorial chairs in said College as they may deem proper; but this bequest is made upon these condition, namely, that if at any time the said College or University should cease to exist, or be closed for two years, or be made a sectarian college, then and in any such case, the said Fund and all accumulations thereof shall go to the said Synod of the Maritime Provinces of the Presbyterian Church in Canada. to be used for the purposes of higher education in connection with said Synod, and it is further stipulated that no part of this Fund shall ever be used, either by said Governors of Dalhousie College or by the said Synod, as a collateral security under any circumstances whatever.”

According to the provisions of the will, the McLEOD CHAIRS of CLASSICS, CHEMISTRY and MODERN LANGUAGES were founded.

In 1886, SIR WILLIAM YOUNG, one of the oldest and best friends of the College. subscribed \$20,000 to start a Building Fund. In 1887, Sir William Young bequeathed to the University half the residue of his estate. together with a Prize Fund of \$4000, and the amount remaining unpaid of his subscription to the Building Fund. The following are extracts from his will :

“ I bequeath to the Governors of Dalhousie College at Halifax, the sum of \$4000 to be kept continually invested by them, and that they shall apply the income derived therefrom in founding and maintaining a prize of a gold medal of the value of \$50, to be called Sir William Young's medal, and to be annually awarded for scholastic eminence, and to have the recipient's name engraved thereon, with the year of his attendance at College, and in founding and maintaining such other prizes for distribution among the students of said College as the Governors may from time to time approve.

“ Having agreed and promised to the Governors of Dalhousie College to pay them the sum of \$20,000 to aid in the erection of their building now in progress, I direct my executors to pay the said sum from time to time as it may be required by the said Governors.

“ All the rest and residue of my estate I direct my executors to divide into two even and equal parts or shares, and to pay over one such part or share to * * * , and the other part or share to the Governors of Dalhousie College at Halifax, for the general purposes of said College.”

“ In the event of my having paid to Dalhousie College during my life-time any part of said sum of \$20 000 hereinbefore mentioned. as agreed to be paid to them to aid in the erection of the college buildings, I do direct my executors to pay to said Governors the balance only, if any, that may be due on said sum at the time of my decease.

In 1887, by the will of the late J. F. AVERY, M. D., of Halifax, the following bequest was made to the College :—

“ I give and bequeath the sum of \$500 to Dalhousie College in the City of Halifax, to be at the disposal of the Senatus of the said College, and the interest thereof to be appropriated for an annual prize.

In 1887, by the will of the late MRS. HARRIET ELIZABETH MACKENZIE, or MORRISON, of Stornoway Scotland, formerly of Pictou, N. S., the following bequest was made to the College :—

“To Dalhousie College, £1,000 for founding a bursary for students attending said College, subject to such conditions and regulations as the governing body of said College may appoint, but with this proviso that said bursary shall be called the ‘Mackenzie Bursary,’ and that students of the name of Mackenzie, Maclean and Fraser shall have a preference in the selection of beneficiaries therefor.”

In 1890, by the will of the late JOHN P. MOTT, Esq., of Halifax, the following bequest was made to the College :

“I give and bequeath to the Board of Governors of Dalhousie College, or to such individuals or organization in whom or in which the control of such college shall be legally vested, the sum of ten thousand dollars, to be legally invested by the said Governors, individuals or organization, and the proceeds applied for the benefit of such College, so long as it shall remain and continue to be a non-sectarian institution as at present.”

The following donations have been made to the Endowment Fund :

Hon. Sir William Young, W. J. Stairs, Esq., Hon. Stayley Brown, John Gibson, Esq., John P. Mott, Esq., Wm. P. West, Esq., Thomas A. Ritchie, Esq., and Hon. Robert Boak, \$1000 each ; Adam Burns, Esq., Peter Jack, Esq., Hon. Jeremiah Northup, Prof. Lawson, and Alex. McLeod, Esq., \$500 each.

The following subscriptions have been made to the Building Fund :

Rev. Louis H. Jordan \$1000 ; John Doull, John S. Maclean, R. Sedgewick, \$750 each ; Thomas Bayne John McNab, Adam Burns, Hon. R. Boak, Dr. Avery, \$500 each ; President Forrest, \$375 ; James Forrest, \$300 ; Prof. John Johnson, Peter Jack, William Miller, Prof. Macdonald, \$250 each ; Prof. MacGregor, A. & W. Mackinlay, \$225 each ; Prof. Alexander, Judge Graham, \$200 each ; James Scott, R. B. Seeton, Rev. John McMillan, Wm. Robertson, J. C. Mackintosh, H. McD. Henry, John Y. Payzant, Pearson, Morrison & Forbes, \$150 each ; J. J. Stewart, \$120 ; Rev. E. Scott, Peter Ross, H. W. C. Boak, Pictou Academy, \$100 each ; Wm. E. Wallace, Arthur Drysdale, E. L. Newcombe, Alfred Costley, H. W. Barnes, Hugh McKenzie, \$75 each ; W. C. Silver, Graham Fraser, \$50 each ; E. McKay, \$30 ; J. M. Stewart, \$25 ; Rev. A. Falcone, \$20 ; J. H. Sinclair, Dr. J. Stewart, \$10 each. In all, \$10,640.

The following donations have been made from time to time to meet current expenses :—

Hon. Sir William Young, \$500 ; John Doull, Esq., \$400 ; J. S. Maclean, Esq., \$300 ; J. F. Avery, Esq., M. D., S. Fleming, Esq., C. M. G., Rev. Principal Grant, D. D., W. J. Stairs, Esq., Thos Bayne, Esq., John Gibson, Esq., Rev. J. McMillan, B. D., and John McNab, Esq., \$200 each ; James Scott, Esq., and A. K. Mackinlay, Esq., \$180 each ; Hon. R. Boak, and the Medical Faculty, \$160 each ; Rev. President Forrest, D. D., Hon. A. G. Jones, and Geo. Thomson, Esq., \$150 each ; A. Burns, Esq., \$125 ; J. J. Bremner, Esq., \$120 ; B. H. Collins, Esq., J. Donaldson, Esq., Prof. J. DeMill, Prof. J. Johnson, Prof. G. Lawson, Prof. J. Liechti, Alex. McLeod, Esq., Robt. Morrow, Esq., Hon. Jeremiah Northup, Joseph Northup, Esq., T. A. Ritchie, Esq., Rev. Principal Ross, D. D., Ed. Smith, Esq., R. H. Skimmings, Esq., John Stairs, Esq., James Thomson, Esq., and Hon. Sir Charles Tupper, \$100 each ; J. W. Carmichael, Esq., C. D. Hunter, Esq.,

Major General Laurie, Messrs. Lawson, Harrington & Co., Prof. C. Macdonald, J. P. Mott, Esq., and Hon. Judge Ritchie, \$80 each; G. P. Mitchell, Esq., and Hon. S. L. Shannon, \$60 each; J. B. Duffus, Esq., R. W. Fraser, Esq., Peter Jack, Esq., and W. H. Neal, Esq., \$50 each; with smaller sums amounting to \$1349.

The following donations have been made from time to time for the purpose of providing scientific apparatus:

Hon. Sir William Young, \$500; Alumni Association, \$275; Prof. J. G. MacGregor, \$200; J. F. Avery, Esq., M. D., Thomas Bayne, Esq., Hon. R. Boak, Alex. McLeod, Esq., John McNab, Esq., Hon. Jeremiah Northup, W. J. Stairs, Esq., and W. P. West, Esq., \$100 each; Thos. A. Brown, Esq., Messrs Doull & Miller, Messrs Esson & Co., John Gibson, Esq., Peter Jack, Esq., Prof. G. Lawson, J. S. Maclean, Esq., Robert Morrow, Esq., Hon. J. W. Ritchie, James Thomson, Esq., and a Friend, \$50 each; with smaller sums amounting to \$645.

For other benefactions, see under headings: Library, Museum and Gymnasium.

In addition to the members of the present staff, the following have been Professors or Lecturers in the University:

- REV. THOMAS McCULLOCH, D. D., 1838-43, President and Professor of Moral Philosophy, Logic and Rhetoric.
 REV. ALEXANDER ROMANS, 1838-42, Professor of Classics.
 REV. JAMES MCINTOSH, 1838-44, Professor of Mathematics and Natural Philosophy.
 REV. FREDERICK TOMPKINS, M. A., LL.D. (Lond.), now Barrister, London, G. B., 1856-7, Professor of Mathematics and Natural Philosophy.
 REV. GEORGE CORNISH, M. A., LL. D., now Professor of Classics, McGill College, 1856-7, Professor of Classics.
 THOMAS McCULLOCH, 1863-5, Professor of Natural Philosophy.
 JOHN JAMES MACKENZIE, M. A., Ph.D., 1877-79, Professor of Physics.
 HERBERT A. BAYNE, M. A., Ph. D., F. R. S. C., late Professor of Chemistry, Royal Military College, Kingston, Ont., 1877-79, Lecturer on Organic Chemistry and Chemical Analysis.
 JAMES DEMILL, A. M., 1866-80, Professor of Rhetoric and History.
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 REV. JAMES ROSS, D. D., 1863-85, Principal, and Professor of Ethics.
 J. G. SCHURMAN, M. A., D. Sc., now President of Cornell University, 1882-86, Professor of English Literature and Metaphysics.
 HON. SIR J. S. D. THOMPSON, LL. D., now Minister of Justice, 1883-86, Lecturer on Procedure and Evidence.
 ROBT. SEDGEWICK, B. A., Q. C., now Deputy Minister of Justice, 1883-88, Lecturer on Equity Jurisprudence.
 W. J. ALEXANDER, B. A., Ph. D., now Professor of English in the University of Toronto, 1884-89, Professor of English Language and Literature.
 REV. WM. LYALL, LL. D., F. R. S. C., 1863-90, Professor of Philosophy.
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- HOWARD MURRAY, B. A. (Lond.), *Lecturer on Classics.*
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Librarian: PROFESSOR SETH.

Curator of the Museum: PROFESSOR LAWSON.

Instructor in Gymnastics: SERGEANT KELLY.

Janitor: ARCHIBALD DUNLOP.

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ARCHIBALD MACMECHAN, Ph. D.

Secretary of the Faculty—PROFESSOR MACMECHAN.

LECTURER : H. MURRAY, B. A.

§ I.—Courses of Instruction.

I.—CLASSICS.

(*McLeod Professorship.*)

Professor JOHN JOHNSON, M. A.

First Year Latin Class.

Mondays, Wednesdays, and Fridays, 10—11 A. M.

Subjects of study :

Cicero : Pro Lege Manilia (Wilkin's, Macmillan, N. Y., \$0.75).
*Pro Milone (Purton's, Macmillan, N. Y., \$0.60). Virgil : Æneid,
Book V. (Calvert's, Macmillan, N. Y., \$0.40). Composition : Arnold's
Latin Prose by Bradley, (English edition, Halifax booksellers ;
Canadian reprint, Gage & Co., Toronto, \$1.50). Grammar : Syntax
and Prosody, (Allen and Greenough's, Ginn, Boston, \$1.30). History :
Roman History. (Smith's, Harpers, N. Y.).

* Students seeking a First or Second Class Distinction are examined in this additional subject. An "unseen" passage will also be set for translation.

Second Year Latin Class.*Mondays, Wednesdays, and Fridays, 11 A. M.—12 M.*

Subjects of study :

Horace : Odes, Books I, *II, *III, (Page's, Macmillan, N. Y., 40c. each ; Books I-IV, \$1.60). Livy : Book I. (Stephenson's, Macmillan, N. Y., \$0.40). Composition : Easy pieces for Latin Prose, Second Series, (Champneys and Rundall's, Longmans, N. Y., \$0.50). History : Grecian History, (Smith's smaller ed., Harpers, N. Y.).

Third and Fourth Years Latin Class.*Mondays and Wednesdays, 12 M.—1 P. M.*

Subjects of study in alternate years :

For 1892-93.—Horace : Selected Satires, Maclean's small ed., with notes, Whittaker (London). Tacitus : Annals, Book I, (Furieux', Macmillan, N. Y., \$0.50).—Composition : Bennett's Second Latin Writer, (Longmans, N. Y., \$1.10). † Tacitus : Annals, Bk. XIV. † Merivale's Hist. of the Romans, chaps. xxx, xxxi, xxxii, xxxix-xli.

For 1893-94.—Tacitus : Agricola, (Church & Brodribb's, Macmillan, N. Y., \$0.55). Plautus : Captivi, (Lindsay's, Macmillan, N. Y., \$0.60). Juvenal : Satires III, X, XIII, (Hardy's, Macmillan, N. Y., \$1.25).—Composition : Bennett's Second Latin Writer, (Longmans, N. Y., \$1.10). † Sallust : Catiline's Conspiracy, (Turner's, Longmans, N. Y., \$0.60). † Roman Provincial Administration by Arnold, (Macmillan, N. Y., \$1.75).

First Year Greek Class.*Tuesdays and Thursdays, 10—11 A. M.*

Subjects of study :

Lucian : Selections (Abbott's, Longmans, N. Y., \$1.00.) *Xenophon : Cyropædia, Book I, (Bigg's, Macmillan, N. Y., \$0.50). Composition : Elementary Greek Prose Composition, (by Fletcher & Nicholson, pub. by W. Bailie, Kingston, Ont., \$1.00), introductory rules ; oral and *written exercises.—Grammar : Accidence, (Goodwin's, Ginn & Co., Boston, \$1.65).

Second Year Greek Class.*Tuesdays and Thursdays, 11 A. M.—12 M.*

Subjects of study :

Homer : Odyssey, Book IX, (Edward's, Macmillan, N. Y., \$0.60). Xenophon : Hellenica, Book I, (Underhill's, Macmillan, N. Y., \$0.75). *Demosthenes : Olynthiacs. (Heslop's, Rivingtons, London, \$0.80).—Composition : As in First Year's Class ; also Sidgwick's Introduction to Greek Prose Composition, (Longmans, N. Y., \$1.50).

*Students seeking a First or Second Class Distinction are examined in this additional subject. An "unseen" passage will also be set for translation.

†For private reading for a First Class. An "unseen" passage also will be set for translation for a First or Second Class.

Third and Fourth Years Greek Class.*Tuesdays and Thursdays, 11 M.—1 P. M.*

Subjects of study in alternate years:

For 1892-93.—Demosthenes: Philippics, I, II, III, (Tarbell's Ginn & Co., Boston, \$1.10). Euripides: Medea, (Verral's, Macmillan, N. Y., \$0.90).—Composition: Sidgwick's Introduction to Greek Prose Composition; oral and *written exercises. *Philology: Peile's Primer of Comparative Philology, (Macmillan, N. Y., \$0.35.) †Euripides: Hecuba.

For 1893-94.—Plato: Apologia Socratis; (Adam's, Macmillan, N. Y., \$0.90.) Aeschylus: Prometheus Vincetus (Prickard's, Macmillan, N. Y., \$0.50).—Composition: Sidgwick's Introduction to Greek Prose Composition; introductory rules; oral and *written exercises. *Philology: Müller's Science of Language, vol. I, chaps. 1-7. †Plato: Republic, Book I, (Warren's, Macmillan, N. Y., \$1.50).

Advanced Class.

Professor.....JOHN JOHNSON, M. A.

Lecturer.....H. MURRAY, B. A.

Twice or three times a week.

In this class the Latin and Greek Subjects prescribed for the Special Course in Classics are read, and Prose Composition is regularly practised.

II.—MODERN LANGUAGES.*(McLeod Professorship.)*

Professor.....JAMES LIECHTI, M. A.

First French Class.*Tuesdays and Thursdays, 3—4 P. M.*

Subjects of study:

Macmillan: *Progressive French Reader*, II. year, (Fasnacht). Molière: *Le Bourgeois Gentilhomme*, (Macmillan & Co.) Scribe: *Bertrand et Raton*. Exercises in Grammar and Composition.

Additional for a First-Class position: Saintine, *Picciola*.

Text Books. Brachet's Public School Elementary French Grammar. Other Text Books required will be announced at the opening of the Session.

Second French Class.*Tuesdays and Thursdays, 2—3 P. M.*

Subjects of study:

For 1892-93.—Molière: *L'Avare*. Racine: *Esther*. Corneille, *Cinna*. Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors.

* Students seeking a First or Second Class Distinction are examined in this additional subject. An "unseen" passage will also be set for translation.

† For private reading for a First Class. An "unseen" passage also will be set for translation for a First or Second Class.

For 1893-94.—Molière's: *Les précieuses ridicules*. Racine: *Athalie*, (Macmillan & Co.) Corneille: *Cinna*. Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors.

Molière's: *Misanthrope* (Macmillan & Co.) Madame de Staël's *L'Allemagne* and Molière's *Bourgeois Gentilhomme*, II., III., and IV. Acts, are prescribed for private reading to candidates for a First Class position.

Text Books: As in First Class. Outlines of the History of French Literature (Saintbury's Primer).

Third French Class.

Tuesdays and Thursdays, 9—10 A. M.

Subjects of study :

For 1892-93.—Molière: *Les femmes savantes*. Racine: *Iphigénie*. Corneille: *Le Cid*. (Macmillan & Co.). Translations from English writers. Original essays. Translation of unspecified passages from modern authors.

For 1893-94.—Corneille: *Polyeucte*. Racine: *Phèdre*. Molière: *Le Médecin malgré lui*. Translation from English writers. Original essays. Translation of unspecified passages from modern authors.

Molière's *Tartufe* (Macmillan & Co.) and either Victor Hugo's *Les Travailleurs de la mer* (Rivingtons) or Madame de Staël's *Corinne ou l'Italie* are prescribed for private reading to candidates for a First Class position.

Text Books: As in Second Class. Saintbury's Short history of French Literature.

First German Class.

Mondays, Wednesdays and Fridays, 3—4 P. M.

Subjects of study :

Buchheim: *German Reader*, Part II. Schiller: *Wilhelm Tell* (Macmillan & Co.). Additional for a First Class position: Gustav Freytag: *Die Journalisten*, (Macmillan & Co.), or Hauff's *Das kalte Herz*. Exercises in Grammar and Composition.

Text Books: Whitney's German Grammar (Macmillan & Co.)

Second German Class.

Mondays, Wednesdays and Fridays, 2—3 P. M.

Subjects of study :

For 1892-93.—Goethe: *Egmont*. Schiller: *Maria Stuart*. (Macmillan & Co.), or *Wilhelm Tell* (continued). Translations from English writers. Original compositions. Translation of unspecified passages from modern authors.

For 1893-94.—Goethe: *Hermann und Dorothea* (Clarendon Press). Lessing: *Minna von Barnhelm* (Macmillan & Co.). Translations from English writers. Original compositions. Translation of unspecified passages from modern authors.

Schiller's *Jungfrau von Orleans*, and either Heine's *Prosa* (Macmillan & Co.), or Schiller's *Historische Skizzen* (Clarendon Press), are prescribed for private reading to candidates for a First Class position.

Text Books: As in First Class. Critical outline of the Literature of Germany by Alb. Selss, Ph D. (Longmans, Green & Co).

Third German Class.

Mondays, Wednesdays and Fridays, 9-10 A. M.

Subjects of study :

For 1892-93.—Lessing : *Minna von Barnhelm* (Macmillan & Co.). Goethe : *Götz von Berlichingen* (Macmillan & Co.). Prose composition. Translation of unspecified passages from modern authors.

For 1893-94. —Lessing : *Nathan der Weise*. Goethe : *Iphigenia*. Prose composition. Translation of unspecified passages from modern authors.

Schiller's *Wallensteins Tod*, (George Bell & Sons) and either Goethe's *Faust*, Part I. (by Jane Lee ; Macmillan & Co.) or Heine's *Harzreise* (Macmillan & Co.) are prescribed for private reading to candidates for a First Class position.

Text Books: As in Second Class.

Advanced German Class.

Twice a week.

The subjects studied in this class will be those prescribed for the special course of English and German (§ viii (8)). The course will extend over two years.

In 1891-92.—Middle High German : Grammar (Wright's Middle High German Primer) Selections from Wackernagel : *Kleineres Altdeutsches Lesebuch*. Selections from authors of the 16th, 17th and 18th centuries. Prose composition.

In 1892-93.—Middle High German : Grammar (Paul's Grammar). Selections from Wackernagel : *Kleineres Altdeutsches Lesebuch*. Selections from Swiss and Plattdeutsch dialect literature. The rest as prescribed for 1891-92.

Other text books will be announced at the opening of the session.

III.—ENGLISH LANGUAGE & LITERATURE.

(*George Munro Professorship.*)

Professor..... ARCH'D. MACMECHAN, PH.D.

The course in English is mainly literary ; the method pursued is the historical. The different periods are studied in the representative works of the period ; and in all cases actual acquaintance with the texts precedes criticism upon them. This part of the course is intended to furnish the student with an outline picture of English literature from Chaucer to Tennyson. The work for "class distinction" is meant to broaden the knowledge of more ambitious students.

The essential facts of Historical English Grammar are taught by means of lectures in the Second Year. In Composition, practice precedes theory, and exercises in the class-room take the place of "essays" compiled at home; the writing of reports forms part of this work. In the Advanced Class the aim of the instructor is to acquaint the student with the grammar of Old and Middle English, and to widen his knowledge of Elizabethan literature.

First Year Class.

Mondays and Thursdays, 9—10 A. M.

COMPOSITION.—Imitative exercises in construction of paragraphs, Narration and Description, twice a week, throughout the year.

LITERATURE.—Eighteenth Century: Prose. *Addison*: Papers contributed to the Spectator. *Johnson*: Life of Pope. *Macaulay*: Samuel Johnson. Poetry: *Dryden*: Mac Flecknoe. St. Cecilia's Day, Alexander's Feast. *Pope*: Rape of the Lock. *Gray*: Elegy in a Country Churchyard. *Goldsmith*: Traveller, Deserted Village. *Burns*: Twa Dogs, Cotter's Saturday Night.

For reference. *Gosse*: History of Eighteenth Century Literature. Candidates for Class-Distinction will be examined these additional works, which are not read in class. *Dryden*: Absalom and Achitophel. *Pope*: Essay on Man. *Johnson*: Lives of Dryden, Addison and Gray.

Two reports on private reading, assigned by the instructor, are required from each student.

Books recommended: Clarendon Press edition of Dryden; Hale's Longer English Poems (containing all the poetry read in class); Addison; ed. T. Arnold; (Clarendon Press Series); Johnson's Six Chief Lives; ed. M. Arnold.

Second Year Class.

Mondays, Wednesdays and Fridays, 12—1 P. M.

COMPOSITION.—Lectures on the principles of Narration, Description and Exposition. Exercises weekly.

LITERATURE.—Elizabethan. *Shakespeare*: Coriolanus, Julius Cæsar, Antony and Cleopatra. *Milton*: Comus, L'Allegro, Il Penseroso, Sonnets, Paradise Lost, Bks. I.—II. Lectures.

ENGLISH LANGUAGE.—A short course of lectures on the History of the English Language, at the end of the Spring Term.

For reference. *Saintsbury*: History of Elizabethan Literature.

Candidates for Class Distinction will be examined in the following plays, which are not read in class: Richard III., King John, Henry IV., Pts. I., II.

Senior Class.

Twice a week.

The object of this part of the course is to complete the study of Eighteenth Century and Elizabethan Literature, by linking it, on the one hand with Chaucer, and, on the other, with the literature of our own day.

LITERATURE.—Middle English and Pre-Shakespearean.

1892-3.—*Chaucer*: Prologue, Knightes Tales and Nonne Prestes Tale. Sweet's Middle English Primer, II. *Spenser*: Faerie Queene, Bks. I., II. *Marlowe*: Dr. Faustus. Lectures.

History of Literature: *Morley*: English Writers, V.

For Distinction. *Chaucer*: Minor Poems, (ed. Skeat); The Prioress's Tale, Sir Thopas, The Monk's Tale, The Clerkes Tale, The Squire's Tale.

LITERATURE.—Nineteenth Century.

1893-4.—Lectures on The Poetry of the Revolution, The History of the English Novel, Wordsworth's Theory of Poetry, The Sonnet, The Metrical Romance, The Ballad, The So-called "Lake School," The Lecture, The History of English Prose. *Scott*: Heart of Midlothian, Marmion. *Byron*: Poems selected and edited by Matthew Arnold. *Wordsworth*: Poems selected and edited by Matthew Arnold. *Tennyson*: The Lady of Shalott, Oenone, Lotus Eaters, A Dream of Fair Women, Morte d'Arthur, Dora, Sir Galahad, The Lord of Burleigh, Ulysses, Ode on the Duke of Wellington. *Browning*: My Last Duchess, Lost Leader, Andrea del Sarto, The Bishop Orders his Tomb, Epistle of Karshish, The Italian in England. *Ruskin*: Crown of Wild Olive. *Carlyle*: Sartor Resartus.

History of Literature: *Oliphant*.

For Distinction. A thesis on a subject assigned by the instructor.

Advanced Class.

Three times a week.

Development of English Language and Literature to the year 1300, with special study of select works (§ viii, 6.)

Special Course in Shakespeare.

Lectures on the Elizabethan Period, The Renaissance, The History of the Drama, The First Folio, Shakespeare's Life, The History of Shakespeare Criticism, The Chronology of the Plays. An examination of representative plays; the reading of selected passages.

N. B.—This course does not lead to a degree. It is intended for teachers and general students, and will only be given in case a sufficient number of students offer themselves.

IV.—HISTORY AND POLITICAL ECONOMY.

(*George Munro Professorship.*)

ProfessorREV. PRESIDENT FORREST.

Third Year History Class.

Mondays and Wednesdays, 11 A. M.—12 M., and Fridays, 10—11 A. M.

Subjects of study:

Mediæval History and Modern History to 1555.

The class work will be conducted by means of lectures and examinations on prescribed reading.

Candidates for First Class Distinction will be examined on Hallam's Middle Ages, Bryce's Holy Roman Empire, and Introductory Sections of Robertson's Charles V.

Text Book : Gibbon's Decline and Fall of the Roman Empire (Student's Edition).

Books recommended : Hallam's Middle Ages; Bryce's Holy Roman Empire; Irving's Mahomet and his successors; Guizot's History of Civilization; Michaud's History of the Crusades; Robertson's Charles V.; Stubb's Constitutional History of England.

Fourth Year History Class.

Tuesdays and Thursdays, 11 A.M.—12 M.

Subjects of study :

Modern History from 1555.

The class work will be conducted by means of lectures and examinations on prescribed reading. In the lectures books of reference will be named and select portions specified for reading.

Candidates for First Class Distinction will be examined on Green and Guizot, and a few chapters to be specified in the others.

Books recommended : Green's England, vol. iv.; Guizot's France (Masson's Abridgement); Menzel's Germany; Motley's Dutch Republic; Bancroft's United States; McMaster's History of the People of the United States; Parkman's France and England in North America.

Advanced History Class.

Once a week.

Subjects of study :

English History from 1603 to 1688.

The work of this class will be conducted by means of lectures and examinations on reading prescribed from Clarendon, Gardiner, Green, Hallam, Ranke, and other authorities.

This class is intended especially for undergraduates taking the Special Course in English and English History.

Political Economy Class.

Tuesdays and Thursdays, 10—11 A.M.

The work of this class will be conducted by means of lectures and examinations on prescribed reading.

A knowledge of the history and bibliography of the subject as presented in Cossa's "Guide to the study of Political Economy" will be required of students seeking First Class Distinction.

Text Book : Mill's Principles of Political Economy.

Advanced Political Economy Class.

Twice a week.

The work of this class will consist of lectures, entering into the principles of Political Economy more fully than can be overtaken in the ordinary class, with examinations, on reading prescribed in the works of leading writers on the subject.

V.—PHILOSOPHY.

(George Munro Professorship.)

Professor.....JAMES SETH, M. A.

Junior Philosophy.

Mondays, Wednesdays, and Fridays, 9—10 A. M.

The main work of the class will be a Course of Lectures on Psychology, in connection with which Prof. James's *Psychology: Briefer Course* (Henry Holt & Co.) will be used. A Course of Lectures on Logic will also be given, the text-book being Jevons's *Elementary Lessons in Logic* (Macmillan & Co.) Short essays will be prescribed, and oral examinations held, in connection with the course.

Senior Philosophy.

Tuesdays and Thursdays, 3—4 P. M.

This course, which will consist of lectures, varied by oral examinations, essays, and discussions, will deal with the History of Greek Philosophy in three periods: (1) Pre-Socratic Philosophy; (2) Socrates, Plato, and Aristotle; (3) the Post-Aristotelian Schools.

Ethics.

Mondays and Wednesdays, 11 A. M.—12 M.

The work of this class will be conducted mainly by lectures, but will also embrace essays, special readings, and discussion.

The Lectures will consist of: (1) an introductory account of the subject; (2) a sketch of the Psychology of the moral life; (3) a critical consideration of the two main types of ethical theory, the Ethics of Reason and the Ethics of Feeling; (4) an exposition of the Ethics of Personality or Will; (5) an account, from the latter standpoint, of the life of Virtue as (a) Personal, (b) Social; (6) the Metaphysics of Ethics, dealing with the problems of Moral Freedom, God, and Immortality.

Text Book: Professor Clark Murray's *Introduction to Ethics*.

Advanced Class.

Tuesdays and Thursdays, 4—5 P. M.

In this course, which is intended primarily for undergraduate^s taking the Special Course in Philosophy, a careful study will be made of Aristotle's *Ethics*, and of Professor James's *Principles of Psychology* (in selections.)

VI.—MATHEMATICS.

Professor.....C. MACDONALD, M. A.

First Year Class.

Daily 11 A. M.—12 M.

Subjects of study:

ALGEBRA.—Involution, Evolution, Theory of Indices, Equations of the First and of the Second Degree, Discussion of Imaginary Quantities and of $\sqrt{-1}$; Elements of Determinants, Proportion, Inequalities, Indeterminate Equations, Variation, Progressions, Theory of Notation; Selected Propositions in the Theory of Equations, with Horner's method

of approximating the roots of an Equation of a Degree higher than the Second.

GEOMETRY.—First and Second Books of Euclid Revised, Third and Fourth Books, Definitions of the Fifth and the Sixth Book, with Geometrical Exercises and Practical applications.

After the middle of February, attendance at the Class on Fridays, will be *optional*, except for those who are trying for First or Second Class distinctions. But the Professor reserves to himself the right of excluding any whom he may have judged unequal to the work of his Friday class.

Books recommended—Colenso's or Todhunter's or Deighton's (George Bell & Sons) Elements of Euclid, Hall & Knight's Elementary Algebra, Todhunter's Algebra, or Hall & Knight's Higher Algebra. (The latter book is recommended to those who wish to pursue advanced work. Todhunter's small School Algebra is scarcely sufficient for the course.)

Second Year Class.

Daily 10—11 A. M.

The daily meeting of the Class is subject to the following explanations :

After the Christmas Examinations, the Class will be resolved into two divisions, a Lower and a Higher.

The Lower or Ordinary Division will meet on four or three days a week, according as the general progress of the Class may demand. The Higher Division will meet on the remainder of the five days a week. Fitness to enter the Higher Division is determined by the Professor, according to the general standing and previous record of the student.

In the Lower or Ordinary Division of the Class, the subjects of study are—

GEOMETRY.—Sixth Book of Euclid revised; Cockshott & Walters's Conic Sections; the Parabola; Easy Geometrical Exercises, with practical applications; 21 Propositions of the Eleventh Book of Euclid.

TRIGONOMETRY.—Analytical Plane, as far as, but exclusive of, DeMoivre's Theorem. The use of Logarithms, and of the chief Mathematical Tables. Solution of Plane Triangles; Mensuration of Heights and Distances; Elementary Problems in Navigation.

ALGEBRA.—Permutations and Combinations; use of the Binomial Theorem; Properties of Logarithms; Compound Interest; Elements of the Doctrine of Chances.

In the Higher Division, the subjects are—

GEOMETRY.—Parabola, Ellipse, and Modern Extensions of Euclid.

TRIGONOMETRY.—As in the Lower Division, with Extensions; DeMoivre's Theorem, with Higher Angular Analysis; Spherical Trigonometry, as far as the solution of Right-angled Triangles, with applications to easy Astronomical problems.

ALGEBRA.—Investigations connected with the subjects studied in the Ordinary Division, with illustrations and examples of a more difficult kind. For First or Second Class at the Examinations, acquaintance with the subjects treated in this Division is necessary.

Books recommended—Algebras—Todhunter's or Hall and Knight's (best.) †Lock's Plane Trigonometry; Cockshott and Walters's Geometrical Conics (Macmillan & Co.); Chambers's Logarithmic, &c., Tables. For Higher Division—Todhunter's Spherical Trigonometry; Casey's Sequel to First Six Books of Euclid, Longmans, Green & Co., London.)

† This work is published in two volumes. The first of these—"A Treatise on Elementary Trigonometry"—is sufficient for the ordinary class.

Advanced Class.

There are two Divisions in this Class :

The First Division meets three times a week.* Subjects: Analytical Trigonometry, commencing with the applications of DeMoivre's Theorem; Analytical Geometry; Spherical Trigonometry; Theory of Equations: Differential Calculus.

Books recommended—Lock's Plane Trigonometry; C. Smith's, and Todhunter's Conic Sections; Todhunter's Theory of Equations; Williamson's Differential Calculus; Williamson's Integral Calculus; Todhunter's Spherical Trigonometry. Any standard works on the subjects treated may, however, be used.

The Second Division meets twice a week.* Subjects: Spherical Trigonometry; Theory of Equations; Differential Calculus; Integral Calculus, with Differential Equations; Application of these to Physics, Physical Astronomy, &c.

Books recommended—The same as for the First Division. Also, Tait & Steele's Dynamics of a Particle; Todhunter's Analytical Statics; Woolsey Johnson's Differential Equations (New York, J. Wiley & Sons).

VII.—PHYSICS.

(George Munro Professorship.)

Professor..... J. G. MACGREGOR, D. Sc.

Junior Physics Class.

Tuesdays, Thursdays and Fridays, 11 A. M.—12 M.

The subject of the lectures will be :

The elements of Dynamics; the properties of solid and fluid bodies; Heat; Electricity and Magnetism; Light and Radiant Heat; and Sound. These subjects will be treated in an elementary manner, the mathematical knowledge assumed being no greater than may be acquired in the First Year Class.

Books recommended :—Students who aim at Distinction will be expected to read in connection with the lectures the following books: Lodge's Elementary Mechanics (W. & R. Chambers), Garnett's Elementary Treatise on Heat (Deighton, Bell & Co.), Cumming's Electricity Treated Experimentally (Rivingtons), and Deschanel's Natural Philosophy, Ed. Everett, Part IV—Sound and Light (Blakie & Son.) Other students are recommended to read Stewart's Lessons in Elementary Physics (Macmillan & Co.).

Senior Physics Class.

Mondays and Wednesdays, 10—11 A.M.

The subjects studied in this class will be treated in a less elementary manner than in the Junior Class, a knowledge of the Mathematics of the Second Year being assumed. As the course is too extensive to be completed in one session, different departments of it will be taken up in alternate years, as follows :

In 1892-3 :—Kinematics, Dynamics, and the properties of elastic solids and fluids. The Professor's Kinematics and Dynamics, (Macmillan & Co.) will be used as a text-book, and candidates for Distinction will be expected, not only to acquire considerable power of solving problems, but also to read portions of the text book not treated in class.

* An extra hour for some part of the Session may be required.

In 1893-4:—Heat, including a discussion of heat engines, and Electricity and Magnetism, including a discussion of dynamo-electric machinery. Maxwell's Theory of Heat (Longmans & Co.), and Cumming's Theory of Electricity, (Macmillan & Co.), will be used as text-books, and candidates for Distinction will be expected to be familiar with specified portions not treated in class.

Advanced Mathematical Physics Class.

Mondays and Wednesdays, 11 A.M.—12 M.

The subjects studied will include various departments of Physics. The mode of treatment will be such as to give students an introduction to the application of the higher Mathematics to the study of physical problems. They will therefore be assumed to have a sufficient knowledge of Analytical Geometry and of the Differential and Integral Calculus. As the course is too extensive to be completed in a single session, different portions will be taken up in alternate sessions, viz.:—

In 1892-3 the subjects treated will be:—Dynamics, the portions bearing on the doctrine of Energy; Thermodynamics; Electrodynamics (including Electrostatics).

In 1893-94 the subjects treated will be:—Kinematics of a point, of a rigid system, and of a deformable system; Dynamics (including Statics) of a particle, of systems of particles (including strings), of extended bodies, of rigid bodies, of elastic solids, and of fluids; Wave Motion, with application to Sound and Light.

Books recommended:—Students will be referred by the Professor to various works during the course. Those most frequently referred to will be: Tait and Steele's Dynamics of a Particle (Macmillan & Co.), Todhunter's Analytical Statics (Macmillan & Co.), Aldis's Rigid Dynamics (Deighton, Bell & Co.), Besant's Hydromechanics (Deighton, Bell & Co.), Baynes' Thermodynamics (Clarendon Press), and Mascart and Joubert's Electricity and Magnetism (De la Rue & Co., London,) vol. 1.

Practical Physics Class.

(At least five hours a week.)

The work of this class will consist of the determination of physical constants, such as density, specific heat, electromotive force, electrical resistance, &c., and of simple physical laws.

Students will be required to prepare formal papers on the determinations made, describing the methods used and the results obtained and discussing the degree of accuracy of the results. Their standing in the Pass and Distinction lists will depend mainly on these papers.

Members of the class who wish to become science teachers will be allowed to devote part of their time to acquiring facility in devising and executing illustrative experiments.

Books recommended:—*For ordinary use*—Glazebrook and Shaw's Practical Physics (Longmans, Green & Co.). *For reference*—Stewart & Gee's Elementary Practical Physics (Macmillan & Co.), Ayrton's Practical Electricity (Cassell & Co.), Gray's Absolute Measurements in Electricity and Magnetism (Macmillan & Co.), Kohlrausch's Physical Measurements (J. & A. Churchill), and Wiedmann and Ebert's Physikalisches Praktikum (Vieweg & Sohn, Braunschweig).

VIII.—CHEMISTRY.

(McLeod Professorship.)

Professor.....GEORGE LAWSON, PH. D. LL. D.

Inorganic Chemistry Class.*Tuesdays, Wednesdays and Fridays, 9—10 A. M.*

Subjects of lectures :

General Principles. Chemical Affinity. Laws of Combinations, by weight. Equivalents. Laws of Combination, by volume. The Elements. Compounds. Atomicity. Nomenclature; Notation; Formulæ, Equations. The Periodic Law. The non-metallic Elements considered in detail; their modes of occurrence in nature; preparation in the free state; their compounds; natural phenomena and artificial processes in which they take part; useful manufactures to which they are related.

The Metals considered in regard to their physical and chemical characters and modes of occurrence in nature; Classification of the Metals. Alloys. Amalgams; Constitution of Salts; Bases, Acids, Radicals. Discussion of the more important Metallic Elements in detail, their Salts and other compounds; Metallurgical processes; Chemical Manufactures.

Text Book.—Greene's edition of Wurtz's Elements of Modern Chemistry—the whole of the Inorganic part (Lippincott, Philadelphia)

Organic Chemistry Class.*Mondays and Thursdays, 9—10 A. M.*

Subjects of lectures :

Mode of formation of Organic Compounds in the Plant; their transformation by natural and artificial processes. The Method of Organic Chemistry. The Atomicity of Carbon. Saturation. Substitution. Principles of Classification. Elementary Analysis. Methane and its Homologues, and their Substitution Compounds. The Monatomic Alcohols, and related Compounds, and Derivatives; Aldehydes, Ethers, &c. The Fatty Acids. Compound Ethers. Polyatomic Alcohols, Ethers and Acids. Cyanogen and its Compounds.

Aromatic Compounds. Benzene and its Derivatives. Aniline Compounds. Terpenes. Alkaloids, &c.

Students attending this class are allowed to work in the Laboratory in the preparation of organic compounds, and in experiments to determine their elementary composition, chemical constitution, and properties.

Text Book.—Greene's Edition of Wurtz's Elements of Chemistry—the Organic part. Reference works: Roscoe & Schorlemmer, Watt's Dictionary, &c.

Chemical Laboratory.

The Chemical Laboratory is open daily (except Saturdays) from 9 a. m. to 1 p. m. *Students taking their first Laboratory course are required to attend at an hour when the Professor is not engaged in lecturing.* Students experienced in Laboratory work who cannot attend at such hours may be allowed, by special permission, to work at other times; but such permission may be cancelled at any time.

PRACTICAL CHEMISTRY.—Systematic Separation and Detection of the several Metallic Bases, and of Inorganic and Organic Acids. Preparation of Reagents. The work is done entirely by the students. Where additional time can be given, students will also be exercised in the preparation of, and manipulation with, the more important elementary and compound gases.

Laboratory Books.—One of the following: Macadan's Practical Chemistry, Fresenius's Qualitative Analysis, Goodwin's Text Book.

QUANTITATIVE ANALYSIS. Instruction is provided in Quantitative Analysis, for Students taking the Special Course in Experimental Physics and Chemistry, and also for Students who, having taken Practical Chemistry in their Third Year, are desirous of taking it again in their Fourth Year. Other persons, having a sufficient knowledge of Chemistry, will also be admitted. Instruction is offered, not only in General Quantitative Analysis, but also in special work, such as the Analysis of Metallic Ores, Coal, and other Mineral Substances, Fertilizers, Soils, Mineral Waters; Sanitary Examinations of Water, Air and Food; Detection and Quantitative Estimation of Poisons; Manufacturing Chemistry,—as laboratory processes related to Soap Making, Brewing, Malting, Distilling, Cultivation of the Soil, Agricultural Manufactures, &c.

Laboratory students are allowed the use of the ordinary Laboratory apparatus and furnishings, and of inexpensive reagents, but are required to provide themselves with evaporating basins, test-tubes, platinum, gold and silver salts, and other expensive materials which they may require, and to replace apparatus which they may destroy. Those who wish to work in special departments, or to engage in original research, will have to furnish themselves with the necessary apparatus.

The Chemical Laboratory is very large and airy, and is so arranged that every student has a separate set of reagents, and as much desk and table room as he can possibly use. There is a separate Balance Room, and a Stink Closet.

Text Book.—Fresenius's Quantitative Analysis. Special works in the College Library, will be recommended when necessary. Books needed in actual work will be kept in the Balance Room for the use of Students.

IX.—BOTANY.

ProfessorGEORGE LAWSON, PH. D., LL. D.

Tuesdays and Thursdays, 12—1 P. M.

The course in Botany embraces the subjects of Structural and Physiological Botany, special attention being given to Minute Structure and Development of Tissues, the phenomena of Growth, Reproduction, Life History, and Plant Movements. Also Classification, as illustrated by the leading Natural Orders of North American plants.

Text Book.—Goodale's Physiological Botany being vol II of Gray's Botanical Text Book.) *Field Books for Summer Work.*—Gray's Manual of Botany of the Northern States; Gray's How Plants Grow, with Lawson's Fern Flora of Canada, as Appendix, (Mackinlay); Macoun's Catalogues of Canadian Plants.

§ II.—The Academic Year.—The academic year consists of one session. The session of 1892-93 will begin on Wednesday, 14th September, 1892, and end on Tuesday, 25th April, 1893.

§ III.—**Admission of Students.**—(1.) Persons of either sex may become students of the College by (*a*) furnishing satisfactory references or certificates of good moral character (on first entering the College), (*b*) entering their names in the Register (annually), and (*c*) paying the annual Registration fee (§ xxiii).

(2.) Registered students may, on presentation of their Registration Tickets and on payment of the proper fees (§ xxiii), enter any of the ordinary classes of the College. The Advanced Classes are open to students who have sufficient knowledge of the subjects taught in them.

(3.) Students who are candidates for degrees are known as Undergraduates, others as General Students.

§ IV.—**Degrees.**—(1.) Two baccalaureate degrees are conferred in the Faculty of Arts, those, viz., of Bachelor of Arts (B. A.), and Bachelor of Letters (B. L.).*

(2.) Persons who wish to obtain University Degrees must become Undergraduates. Persons of either sex may become Undergraduates by (*a*) passing either one of the Matriculation Examinations or a recognized equivalent, (§§ iv, 4-6 ; v, 2 ; and vi, 2-3), and (*b*) matriculating, *i. e.*, entering their names on the Matricula or Register as Undergraduates.

(3.) Two Matriculation Examinations are held, of lower and higher grade respectively. The First Year Matriculation Examination admits to the First Year of the various courses. The Second Year Matriculation Examination admits to the Second Year of the various courses, and thus enables those who pass it to obtain their degrees at the end of three academic years.

(4.) Persons may be admitted as Undergraduates of the First Year, without examination, on presentation of certificates from the Principals of High Schools or Academies, approved for this purpose by the Faculty, stating that they have satisfactorily completed the work prescribed for the First Year Matriculation Examination and passed satisfactory examinations therein.

(5.) If persons, who have appeared as candidates at the First Year Matriculation Examination have their examination approved in some subjects but not in others, they may be admitted as Undergraduates on passing in the latter at the Final Matriculation Examination (October 12th-15th).

*The degree of Bachelor of Science hitherto conferred in this Faculty will henceforth be conferred in the Faculty of Science.

(6.) Undergraduates of other Universities may, on producing satisfactory certificates, be admitted *ad eundem statum* in this University, if on examination they are found qualified to enter the classes proper to their years. But if their previous courses of study have not corresponded to the courses on which they enter in this University, they may be required by the Faculty to take additional classes.

(7.) Undergraduates must pursue, at the College, specified courses of study, which vary with the degrees for which they are candidates, but in the case of all degrees extend over four years. They must also pass the prescribed examinations according to the regulations of § x.

§ V.—First Year Matriculation Examination.

(1.) The following are the subjects of this examination: Candidates for Sir Wm. Young and Professors' Scholarships will, in addition, be examined in the subjects marked with an asterisk*.

1 and 2. Two of the following: Latin, Greek, French, German, (Candidates for B. A. must pass in Latin, and if they are to take Greek as one of the subjects of the First Year, must also pass in Greek).

LATIN.—Grammar. Composition—Translation of easy sentences. One Latin Book. The following books are recommended:

For 1892—*Cæsar*—Gallic War, Books IV. and V.; or *Virgil*, *Æneid*, Book III
Composition—As in Arnold's, by Bradley, Exer. 1-44.

* Both *Cæsar*, Gallic War, Bks. IV, V, and *Virgil*, *Æneid*, Bk. III.

For 1893—*Cæsar*—Gallic War, Books V. and VI.; or *Virgil*: *Æneid*, Book III.

GREEK.—Grammar. One Greek book. The following books are recommended:

For 1892—*Xenophon*—Anabasis, Book I. or II. or VII.

For 1893—*Xenophon*—Anabasis, Book I. or II, or III.

* All three Books and Elementary Greek Prose Com., by Fletcher and Nicholson, Exer. 1-28.

FRENCH.—Voltaire: *Charles XII.*, Questions in Grammar limited to the *Accidence*, and based upon the passages selected. Easy English sentences for translation into French.

* Octave Feuillet: *Le Roman d'un jeune homme pauvre*, or, Scribe: *Le verre d'eau*.

GERMAN.—Adler's *German Reader*, Dritter Abschnitt (Appleton & Co.), or, Buchheim's *German Reader*, Part I., (Clarendon Press). Grammar limited to the *Accidence*, and based upon the passages selected.

* Schiller's: *Der Neffe als Onkel*, Act I., or, Hauff: *Die Karavane* (Macmillan & Co.)

N. B.—Instead of the books recommended above in Latin, Greek, French, and German, candidates may offer equivalents which are not included in the Course of Study. Such equivalents must have been previously approved by the President. The names of the languages and of the books selected (or the approved equivalents) must be sent to the President, at least one week before the date of the Examination.

First Year Matriculation Examination.

(Additional regulations.)

The above examination may be conducted partly *vivâ voce*.

(2.) Candidates who pass sufficiently well in the above examination, including the subjects marked with an asterisk (*), will be declared to have passed with Distinction.

(3.) Candidates who hold Teachers' Licenses of Grade B, issued by the Nova Scotian Education Office, shall be exempted from the following subjects of the above Examination:—Latin, French, Arithmetic and Algebra, Geometry, English and History and Geography, provided these subjects were included in the examination by which they gained their Licenses.—Candidates who hold Licenses of Grade A shall be allowed to matriculate as undergraduates of the First Year without examination.—Candidates who hold Teachers' Licenses, issued by the Education Offices of other Provinces, may be exempted from parts of the above examination, on application to the Faculty.

(4.) Candidates who fail in a portion of the above Examination may, nevertheless, by special permission of the Faculty, be allowed to matriculate conditionally; but they will be required to pass in such portion at a subsequent date.

(5.) This examination will be held at the College on September of 14th—19th, 1892. For the benefit of candidates unable to present themselves on these days, an opportunity will be granted of appearing for examination on October 12th—15th. But no student will be admitted as an undergraduate at a later date without the special permission of the Faculty.

3. ARITHMETIC AND ALGEBRA.—*Arithmetic.* *Algebra*: Simple Rules. Equations of the First Degree not involving Surds. *Easy Quadratic Equations of one unknown quantity.

4. GEOMETRY.—Book of Euclid, I., II., III., or their equivalents.

5. ENGLISH—*Composition*: Nothing but an essay will be required. More attention will be paid to the candidate's power of expression than to his knowledge of fact. Legible writing, correct spelling and punctuation will be considered indispensable. *Grammar*: Analysis and parsing of extracts. The subjects of composition will be drawn from Shakespeare's *Hamlet* and Longfellow's *Evangeline*.

6. HISTORY AND GEOGRAPHY.—Outlines of English and Canadian History, and General Geography.

7. OPTIONAL SUBJECT.—INORGANIC CHEMISTRY.—Nomenclature, Notation, Equivalent and Atomic Numbers. General Principles of Inorganic Chemistry. The Non-metallic Elements, and their more important compounds. Candidates must be able to read chemical formulæ and equations, so as to explain their meaning in words, and to express in formulæ the composition of common salts, and, in form of equations, ordinary chemical reactions.

This subject is not required; but a candidate taking it will be exempted from attendance on the lectures of the Chemistry class until after the Christmas vacation.

§ VI.—Second Year Matriculation Examination.

(1.) The following are the subjects of this examination:

1 and 2. Two of the following: Latin, Greek, French, German. (Candidates for B. A. must pass in Latin; if they are to take Greek as one of the subjects of the Second Year, they must also pass in Greek; if not, they may select Greek, or French, or German.—Candidates for B. L. must pass in two languages, of which one must be French or German.)

LATIN.—The ordinary* subjects of the First Year Class, as specified in § I (I), together with one additional book.

GREEK.—The ordinary* subjects of the First Year Class, as specified in § I (I), together with one additional book.

FRENCH.—The subjects of the First French Class, as specified in § I (II).

GERMAN.—The subjects of the First German Class, as specified in § I (II).

N. B. Instead of the books prescribed above in Latin, Greek, French, and German, candidates may offer equivalents which are not included in the Course of Study. Such equivalents must have been previously approved by the President.

3. MATHEMATICS.—The subjects of the First Year Matriculation Examination and of the First Year Class, as specified in § I (VI).

4. ENGLISH.—In addition to the subjects of the First Year Matriculation Examination (in which special stress will be laid on Composition), candidates will be required to pass an examination on the literary subjects specified for the ordinary work of the First Year Class (§ I, III)—or the equivalents thereof.

5. HISTORY AND GEOGRAPHY.—The subjects of the First Year Matriculation Examination.

6. INORGANIC CHEMISTRY.—The subjects of the First Year Class (§ I, VIII.)—Candidates may omit this subject; but in that event they must either pass the examination thereon on entering the Third Year, or take it instead of one of the elective subjects in the Third Year.

The above examination may be conducted partly *viva voce*.

* The "ordinary" subjects are those not marked with an asterisk in § I.

(2.) Candidates who have previously passed in one or more of the above subjects, or in any portion thereof, either at the Matriculation Examination or at the Examinations of the First Year, shall be exempt from further examination therein.

(3.) Candidates who hold Teachers' Licenses of Grade B, issued by the Nova Scotian Education Office shall be exempted from the following subjects of the above Examination:—the subjects of the First Year Matriculation Examination in English, and History and Geography. Candidates who hold Licenses of Grade A, shall be exempted from Latin, Greek, Mathematics, the subjects of the First Year Matriculation Examination in English, History and Geography, and Inorganic Chemistry, provided these subjects were included in the examination by which they gained their Licenses. Candidates who hold Teachers' Licenses issued by the Education Offices of other Provinces may be exempted from parts of the above examination, on application to the Faculty.

(4.) Candidates must give at least one fortnight's notice to the President, of their intention to appear at this examination; and in giving such notice they must state in what Latin, Greek, French, German, and English books they intend to offer themselves for examination, whether or not they wish to be examined in Chemistry, and in what subjects they claim exemption from examination.

(5.) This examination will be held at the College on September 14th–19th, 1892. For the convenience of candidates unable to appear on these days, an opportunity will be granted of appearing for examination on October 12th–15th. But no student will be allowed to enter as an undergraduate at a later date, without the special permission of the Faculty.

§ VII.—Ordinary Courses of Study for Degrees of B. A. and B. L.—The following is a list of the classes which undergraduates are required to attend in the four years of the ordinary courses of B. A. and B. L. The details of the subjects studied in these classes, will be found under Courses of Instruction (§ § I, XXV, and XLII.)

First Year.

1. *For B. A.*—Latin. *For B. L.*—German.
2. *For B. A.*—Greek, or French, or German. *For B. L.*—French.
3. Mathematics.
4. Inorganic Chemistry.
5. English.

Undergraduates taking French or German, enter the classes for which the Professor considers them fitted.

Second Year.

1. *For B. A.*—Latin. *For B. L.*—German.
2. *For B. A.*—The language chosen as subject 2 in the 1st year. *For B. L.*—French.
3. *For B. A.*—Mathematics. *For B. L.*—Mathematics or Junior Physics.
4. English.
5. Junior Philosophy.

Third Year.

1. *For B. A.*—Latin or Greek. The language selected must have been taken during the first two years. *For B. L.*—German or French.
2. *For B. A.*—Junior Physics. *For B. L.*—Junior Physics or any one of subjects 4—5. (Junior Physics must be taken either in the Second or Third Year.)
3. History.
- 4.—5. Any two of the following* :

<i>a.</i> Greek.	<i>g.</i> Political Economy.
<i>b.</i> Hebrew.	<i>h.</i> Ethics.
<i>c.</i> French.	<i>i.</i> Senior Philosophy.
<i>d.</i> German.	<i>j.</i> Organic Chemistry, or Medical Chemistry.
<i>e.</i> English	<i>k.</i> Practical Chemistry,
<i>f.</i> Constitutional History (Law Faculty).	<i>l.</i> Botany.

Undergraduates are required, on or before September 17th, to submit to the President for approval, the names of the two subjects, 4—5, which they may wish to select.

Undergraduates selecting French or German for the first time, enter the classes for which the Professor considers them fitted. Those selecting Greek for the first time, enter the First Year Class.

A certificate of attendance on a class of New Testament Greek in any recognized College, will exempt from subject 1 or from one of the two subjects 4—5, an undergraduate who has taken Greek in the first two years.

The University provides no instruction in Hebrew, but a certificate of attendance on a Hebrew Class in any recognized College will exempt an undergraduate from one of the two subjects, 4—5.

An undergraduate who takes subject *f* in the Third Year and subjects *k* and *l* in the Fourth Year may complete his course in the Faculty of Law in two years.

An Undergraduate who has already passed the Matriculation Examination of the Faculty of Medicine (see Regulations of the Faculty of Medicine) may complete one Medical Academic Year in the third year of his Arts Course, by taking subjects *j* (Medical Chemistry), *k* and *l*. To complete his year in this Faculty he will require to take also subjects 1, 2 and 3. For fees payable for these classes, see sec. lxiii.

* so far as the provisions of the Time Table permit.

Fourth Year.

Any five of the following* :—

- | | |
|--------------------------------|---|
| <i>a.</i> Latin. | <i>k.</i> Constitutional Law
(Law Faculty). |
| <i>b.</i> Greek. | |
| <i>c.</i> Hebrew. | <i>l.</i> Contracts
(Law Faculty). |
| <i>d.</i> French. | |
| <i>e.</i> German. | <i>m.</i> Senior Physics. |
| <i>f.</i> English. | <i>n.</i> Practical Physics. |
| <i>g.</i> History. | <i>o.</i> Organic Chemistry, or
Medical Chemistry. |
| <i>h.</i> Political Economy. † | |
| <i>i.</i> Ethics. | <i>p.</i> Practical Chemistry. |
| <i>j.</i> Senior Philosophy. | <i>q.</i> Botany. |

Undergraduates are required, on or before September 20th, to submit to the President for approval, the names of the subjects which they may wish to select.

Undergraduates taking the First Year Greek Class in the Third Year must take the Second Year Class in the Fourth. Those taking the First French or First German Class in the Third Year must take the Second Class of the same subject in the Fourth. Neither the First Year Greek Class nor the First German or French Class can be taken in the Fourth Year without special permission.

A certificate of attendance on a New Testament Greek class in any recognized College, will exempt from one subject an undergraduate who has taken Greek during the first three years.

A certificate of attendance on a class in Hebrew in any recognized College will exempt from one subject. If the Hebrew class be one of five hours a week, attendance on it will exempt from two subjects.

An undergraduate who has already passed the Matriculation Examination of the Medical Faculty (see Regulations of that Faculty) may complete one Medical Academic Year by taking subjects, *o*, (Medical Chemistry), *p* and *q*, in the Fourth Year. But he will not be allowed to take these subjects in this year if he have already taken them in the Third. For fees payable for these classes, see § lxii.

No class in which the subjects studied are the same from year to year, can be taken twice as part of the course.

§ VIII.—**Special Courses for Degrees.**—(1.) An undergraduate shall be allowed, during his Third and Fourth Years, to restrict his attention to a more limited range of subjects than that of the ordinary course, by entering upon one of the Special Courses, provided he has either attained both a First Class standing at the previous Examination in the subject corresponding to that of the Special Course selected, and a satisfactory standing in the other subjects, or received the special permission of the Faculty.

* So far as the provisions of the Time Table permit.

† The Advanced Class may be taken as an ordinary class in the Fourth Year. (See § I, IV.)

(2.) Special Courses are provided in the following departments, viz., (1) Classics, (2) Latin and English, (3) Greek and English, (4) English and German, (5) English and English History, (6) Philosophy, (7) Mathematics and Mathematical Physics, (7) Experimental Physics and Chemistry. Undergraduates in Arts may take special courses in any one of the above departments; undergraduates in Letters in any one of departments 4, 5, 6, 7, and 8.

(3.) An undergraduate taking a special course in any of the above departments shall be required to attend the Advanced Classes provided in the subjects of such departments (§ I), to make progress satisfactory to the Professors who conduct such classes, and to pass the examinations in the subjects of such department. He shall be allowed to omit, from the subjects of the ordinary course, certain subjects specified below, and may select as his ordinary classes in any year, any of the classes of that year, subject to the following regulations and to the approval of the Faculty.

(4.) The examinations in the subjects of the Special Course shall be held at the end of the Fourth Year.

(5.) Undergraduates taking the Special Course in **Classics** may, in each of the Third and Fourth Years, omit any two of the subjects of those years, except Latin and Greek.

They shall be examined in the following subjects:—

LATIN.

I. Candidates will be required to have a critical knowledge of the following works, in addition to those prescribed in the ordinary course:—

- Plautus: *Miles Gloriosus*.
- Terence: *Adelphi*.
- Virgil: *Georgics*, Books I., IV.
- Horace: *Epistles*, Books I., II.; *Ars Poetica*.
- Juvenal: *Satires*, VII., VIII., XIV.
- Cicero: *De Oratore*, Books I., II.
- Livy: Books XXI., XXII.
- Tacitus: *Germania*; *Annals*, Book II.

II. Candidates will be required to shew a general knowledge of one prose and one verse subject, to be chosen by them from the following list:

- Plautus: *Trinummus*, *Aulularia*.
- Terence: *Andria*, *Heautontimorumenos*.
- Juvenal: *The Satires* not read in class, (Hardy's edit.)
- Persius: *Satires*.
- Cicero: *Select Letters*, (Muirhead's edit., Rivingtons, London).
- Tacitus: *History*, Books I., II.

III. COMPOSITION.—Prose.

IV. LITERATURE.—Crutwell's *History of Latin Literature*, selected chapters.

V. PHILOLOGY.—Peile's *Introduction to Greek and Latin Etymology*; *Comparative Philology* by Papiilon.

GREEK.

I. Candidates will be required to have a critical knowledge of the following works, in addition to those of the ordinary course :

Aeschylus : *Eumenides*.
 Sophocles : *Oedipus Rex*.
 Aristophanes : *The Knights*.
 Homer : *Odyssey*, Books v. vi., vii., viii.
 Thucydides : *Book II*.
 Plato : *Phaedo*.
 Demosthenes : *De Corona*.
 Aristotle : *Poetics*.

II. Candidates will be required to shew a general knowledge of one prose and one verse subject, to be chosen by them from the following list :

Aeschylus : *Agamemnon*, *Choephorae*.
 Sophocles : *Oedipus Coloneus*, *Antigone*.
 Euripides : *Phoenissae*, *Bacchae*, *Hippolytus*.
 Herodotus : Any two books, excluding the Sixth.
 Thucydides : *First and Seventh Books*.
 { Aeschines : *Contra Ctesiphontem*.
 { Demosthenes : *De Falsa Legatione*.

III. COMPOSITION.—Prose.

IV. PHILOLOGY.—Peile's *Introduction to Greek and Latin Etymology* ; *Comparative Philology* by Papillon.

V. LITERATURE.—Mahaffy's *History of Greek Literature*, the portions bearing on the authors and subjects read by the candidate during his college course. Haigh's *Theatre of the Greeks*.

(6.) Undergraduates taking the Special Course in **Latin and English** may, in each of the third and fourth years of their course, omit any two of the subjects of those years, except Latin and English. They shall be examined in the following subjects, viz. :

LATIN.

The Latin subjects prescribed for the Special Course in Classics.

ENGLISH.

The subjects of the Senior English Class.

The historical development of the language and literature to the year 1300. *Bright*, *Anglo-Saxon Reader*, *Sievers*, O. E. Grammar trans. by Cook, Part II., *Morris*, *Specimens of Early English*, I., and *Lounsbury*, *History of the English Language*.

History of the Elizabethan and Early Stuart Literature. Lectures, *Sidney*, *Apologie for Poetrie*. *Hooker*, *Ecclesiastical Polity*, Book I. *Bacon*, *Advancement of Learning*, *Select Essays*.

Marlowe, *Edward II.*, *The Jew of Malta*. *Tamburlaine*. *Webster*, *The Duchess of Malfi*. *Greene*, *Friar Bacon and Friar Bungay*. *Jonson*, *The Alchemist*, *Every Man in His Humor*. *Beaumont and Fletcher*, *Philaster*, *The Knight of the Burning Pestle*. *Massinger*, *A New Way to Pay Old Debts*. *Shakespeare*, *The Tragedies*, *Two Noble Kinsmen*.

Books recommended : *History of Literature* : *Saintsbury*, *Brooke*. *Clarendon Press* "Mermaid" and Arber Editions of Elizabethan works. "Best Elizabethan Plays."

(7.) Undergraduates taking the Special Course in **Greek and English** may, in each of the third and fourth years of their course, omit any two of the subjects of those years, except Greek and English. They shall be examined in the following subjects, viz. :

GREEK.

The Greek subjects prescribed for the Special Course in Classics.

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

(8.) Undergraduates taking the Special Course in **English and German** must have taken German in the first and second years of their course, and may in each of the third and fourth years omit any two subjects of those years except English and German. They shall be examined in the following subjects:—

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

GERMAN.

Middle High German : Grammar (Wright's Middle High German Primer); Selections from Hartmann von Aue, Walther von der Vogelweide, Nibelungenlied, Wolfram von Eschenbach, Freidank or Gotfried von Strassburg, Sebastian Brant (Wackernagels Kleineres Altdeutsches Lesebuch).

Selections from Swiss and Plattdeutsch dialect literature.

German literature of the 16th, 17th and 18th centuries, with selections from authors of that period.

Two of the chief literary works of Göthe not read in the ordinary course.

Translation of unspecified passages from any modern High German author.

Prose Composition.

(9.) Undergraduates taking the Special Course in **English and English History** may, in each of the third and fourth years of their course, omit any two of the subjects of those years, except English and History. They shall be examined in the following subjects, viz. :

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

ENGLISH HISTORY.

A minute investigation of English History from A.D. 1603-1689.

Books recommended : Greene's History of the English People, Vol. 3 ; Lingard's History of England, Vols. 7-10, Hallam's Constitutional History of England, Chap. VI.-XIV. ; Ranke's History of England ; S. R. Gardiner's works on this period ; Clarendon's History of the Great Rebellion ; Masson's Life of Milton ; Carlyle's Life of Cromwell ; Forster's Life of Elliott ; Bayne's Chief Actors in the Puritan Revolution.

(10.) Undergraduates taking the Special Course in **Philosophy** may, in each of the third and fourth years of their course, omit any one of the subjects of those years, except Senior Philosophy, which must be taken in both the Third and Fourth Years, and Ethics, which must be taken in the Third Year. They shall be examined in the following subjects :

Plato's Theaetetus and Republic, (omitting Books VIII. and IX.)
 Aristotle's Nicomachean Ethics, (omitting Books VI. and VII.)
 Locke's Essay on the Human Understanding ; Books II. and IV.)
 Fraser's Selections from Berkeley

Hume's Treatise on Human Nature, vol. I. (with Green's Introduction).

Kant's Critique of Pure Reason and Critique of Practical Reason.
 Reid's Essays, VI.
 Mill's Logic.
 James's Principles of Psychology.
 Green's Prolegomena to Ethics.
 Spencer's Data of Ethics.
 Sidgwick's Methods of Ethics.

A general knowledge of the Physiology of the Brain and Nervous System and a thorough knowledge of Formal Logic will be expected from all candidates ; and an Essay will be prescribed to each, to be written in connection with the work of the Advanced Class.

(11.) Undergraduates taking the Special Course in **Mathematics and Mathematical Physics** may omit in the third year any two, and in the fourth year any three, of the subjects of those years, except Physics, and must take the Senior Physics Class in both the third and fourth years. They shall be examined in the following subjects, viz. :

MATHEMATICS.

TRIGONOMETRY.—Angular Analysis : Solution of Spherical Triangles ; Napier's Analogies ; with application to Astronomical Problems.

ANALYTICAL GEOMETRY.—The Conic Sections, and the Equation of the Second Degree between two variables ; as far as set forth in any standard treatise on the subject.

CALCULUS.—Differential and Integral, as set forth in any standard treatises on these subjects (Woolsey Johnson's treatise on the subject recommended). Differential Equations (selected course), with practical applications to Physical Problems.

MATHEMATICAL PHYSICS.

Either : Kinematics (*a*) of a point (*b*) of a rigid system, and (*c*) of a deformable system ; Dynamics (including both Statics and Kinetics) (*a*) of a particle, (*b*) of systems of particles (including flexible strings), (*c*) of a rigid body, (*d*) of elastic solids, and (*e*) of fluids ; and Wave Motion, with application to Sound and Light.

Or : Dynamics, the portions bearing on the doctrine of Energy ; Thermodynamics ; and Electrodynamics (including Electrostatics).

These subjects are to be treated by the application of analytical Geometry and the Differential and Integral Calculus.

(12.) Undergraduates taking the Special Course in **Experimental Physics and Chemistry** may, in the third year, omit any one, and in the fourth year, any two of the subjects of those years, except Physics, Practical Physics, and Organic and Practical Chemistry, and must take the Senior Physics class in both the third and fourth years. They shall be examined in the following subjects:—

EXPERIMENTAL PHYSICS.

Candidates shall be required to show a general knowledge of Abstract Dynamics, the Properties of Solids and Fluids, Heat, Electricity and Magnetism, Light and Radiant Heat, and Sound, so far as these subjects can be treated by elementary mathematical methods. The extent of knowledge required is such as may be obtained by a study of the more important chapters of the following books:—MacGregor's Kinematics and Dynamics, (Macmillan & Co.); Tait's Properties of Matter, (A. & C. Black); S. Taylor's Sound and Music, (Macmillan & Co.); Aldis's Geometrical Optics, (Deighton, Bell & Co.); Lloyd's Wave Theory of Light, (Longmans); Maxwell's Theory of Heat, (Longmans); Stewart's Treatise on Heat, (Clarendon Press); Cumming's Theory of Electricity, (Macmillan & Co.), and S. P. Thompson's Elementary Lessons in Electricity and Magnetism, (Macmillan & Co.)

They shall be required to show an intimate knowledge of the following original memoirs: Joule's papers on the determination of the Mechanical Equivalent of Heat, contained in his Scientific Papers (Taylor & Francis), vol. 1, pp. 123, 172, 298, 542, 632—Faraday's Experimental Researches in Electricity (Quaritch), vol. 1, Series III., IV., VI., VII., VIII.

They shall be required also to show ability to determine practically important physical constants, such as Density, Specific Heat, Electrical Resistance, &c., and simple physical laws.

CHEMISTRY.

ORGANIC CHEMISTRY.—Principles of Elementary Analysis, Practical Estimation of Carbon, Hydrogen, Oxygen and Nitrogen. Principles of Classification, Hydrocarbons, Chlorides, &c. Monatomic and Polyatomic Alcohols, Aldehydes, Volatile Fatty Acids. Compound Ethers, Ethers of Glycerine, Saponification, Organic Acids. Carbohydrates. Fermentation. Transformations of the Alcohols, and Laboratory Determinations. Aromatic Group. Compound Ammonias. Alkaloids.

Books recommended: Wurtz's Chemistry, Organic part. Roscoe & Schorlemmer's Chemistry.

For reference: Roscoe & Schorlemmer: Watt's Dictionary of Chemistry, and other reference works in the Balance Room Library.

PRACTICAL CHEMISTRY.—Candidates will be required to show familiarity with modes of Manipulation, Preparation of Gases, Preparation of Laboratory Re-agents, Systematic Method of Testing for bases and for acids; also proficiency in one of the following:—(1) Quantitative Estimation of Metallic Ores, (2) do. of Inorganic Poisons, (3) Soil Analysis, (4) Sanitary Analysis. Special work will be prescribed according to the department selected by the candidate, and suitable books suggested.

Books recommended for general work: Macadam's Practical Chemistry, Fresenius's Qualitative Analysis, Thorpe or Appleton, Woehler's Mineral Analysis.

§ IX.—Attendance.—(1.) Undergraduates are required to attend with regularity the classes of their respective years. Professors shall mark the presence or absence of students immediately before commencing the work of the class, and shall note as absent those who enter thereafter, unless satisfactory reasons be assigned.—The number of times absent, as recorded in the class registers, which shall disqualify for the keeping of a Session, shall be determined by the Faculty.

(2.) With the exception of persons who have qualified for matriculation at the Final Matriculation Examination (§§ v. (4), and vi, (5).), no undergraduate shall be allowed to register, as such, more than ten days after the opening of classes, without the special permission of the Faculty.

(3.) Undergraduates of any year, who may have previously attended one or more of the classes of that year, and passed in the subjects of them, shall be exempted by the Faculty from attending those classes a second time

§ X. — Examinations. — (1.) Undergraduates are required to appear as candidates at the various examinations held in connection with the classes which they may attend as parts of their course, and to prepare such theses, essays, reports, &c., as may be prescribed by the Professor. In all classes two examinations are held, one just before the Christmas vacation and the other after the close of lectures in the Spring. In some classes, other examinations are held at dates appointed by the Professor. In the determination of the Pass List and in the award of Class Distinctions, which may be of two grades—First and Second Class, the results of these various examinations and the degree of excellence shewn in theses, essays, reports, &c., shall be taken into consideration.

General Students are admitted to the above Examinations as well as undergraduates, so far as the dates of the Almanac may permit; and their position in the Pass and Distinction Lists are determined in the same way.

Certificates are issued to members of each class stating with what degree of regularity they have attended and what standing they attained.

(2.) Undergraduates who are exempted by § ix, (3), from attendance on one or more classes, shall be exempted also from passing the Examinations in the subjects of them.

(3.) Undergraduates of the Third and Fourth Years who are exempted from attendance on one or more classes, on presentation of certificates from recognized Colleges, shall be exempted from examination in the subjects of those classes on presentation of certificates of having passed examinations therein, in the said Colleges.

(4.) An undergraduate who fails to obtain a position on the Pass List in one or more subjects, at the end of any session, shall be allowed a Supplementary Examination in such subject or subjects at the beginning of any subsequent Session, on the day appointed for that purpose in the University Almanac, (Sept. 12th, 1892). Or, he may be allowed to present himself at the ordinary Christmas and Spring Examinations of a subsequent year.

The ordinary fee for a Supplementary Examination shall be Two Dollars. But, to retain undergraduates from giving the Examiners unnecessary trouble, a fee of Six Dollars will be required in the following cases : (1) if the undergraduate have absented himself from the Examination for reasons considered insufficient by the Faculty ; (2) if his answers at the Examination have been reported by the Examiner as having no value ; (3) if he have failed to pass in more than two subjects.

(5.) An undergraduate who has failed to pass in any subject, will not be allowed to enter, as an undergraduate, a more advanced class in the same subject, or a class requiring a knowledge of the subject in which he has failed, until he has either passed the Supplementary Examination, or satisfied the Faculty that he is able to prosecute the work of the class with profit.

(6.) An undergraduate who fails either to appear, or to pass, at a Supplementary Examination, shall not be allowed a second Supplementary Examination in the same Session, except by special permission of the Faculty ; and in cases in which a second Examination is granted, a fee of Three Dollars will be charged in addition to the Supplementary Examination fee.

(7.) Undergraduates wishing to appear as candidates at any Supplementary or Special Examination shall be required to give notice of their intention, to the Secretary of the Faculty, at least one week before the date of such examination.

(8.) Students are forbidden to take any book or manuscript into the Examination Hall, except by direction of the Examiner, or to give or receive assistance, or to hold any communication with one another, at the Examinations. If a student violate this rule he may be summarily expelled from the Examination room, and he shall be subject to such other penalty as the Faculty may see fit to impose.

§ XI. — Degrees with General Distinction. —

Degrees with General Distinction will be conferred on undergraduates for special excellence shewn at the Examinations of the Third and Fourth Years of any of the ordinary courses for degrees, the Mathematics of the Second Year being for the purposes of this rule regarded as a Third Year Class.

In awarding such Distinction the Faculty, while requiring that candidates shall attain a good standing in all their classes,

will lay special stress on the attainment of a high standing in a few related subjects.

The Distinction awarded may be of the First or Second Rank.

§ XII. — Degrees with Honours. — Degrees with Honours in any of the departments of study in which Special Courses are provided, will be conferred on undergraduates for special excellence shewn at the Examinations in the subjects of such courses.

The Honours awarded may be of the First or Second Rank.

A candidate for Honours may defer his examinations in the subjects of his Special Course until a year after he has passed the examinations in the ordinary subjects of the Fourth Year ; in which case, however, such candidate shall not be entitled to his Degree until he has passed the examinations of such Special Course.

§ XIII. — Short Courses of Study for General Students. — (1.) For the benefit of students who may wish to spend but a short period of time at the University, the Time Table has been so arranged that the following combinations of classes may be made, The details of the subjects studied in these classes will be found under Courses of Instruction, (§ § I. and XLII.)

(2.) To students who attend the classes of the following courses with regularity and pass the Examinations (§ x.) in the subjects thereof, certificates will be issued stating the nature of the course pursued and the degree of success attained.

(3.) **Two Years Course of Liberal Studies.** — *First Year.* — Two of the three, — Latin, French, and German ; English ; Mathematics or History and Political Economy ; Inorganic Chemistry or Botany. *Second Year.* — Two of the three — Latin, French, German ; English Literature ; Political Economy or Junior Philosophy ; Physics or Inorganic Chemistry. (The alternative subjects so far as the Time Table may permit.

(4.) **Two Years Course of Literary and Scientific Studies.** — *First Year.* — French or German, English, Mathematics, Botany, Inorganic Chemistry. *Second Year.* — French or German, English Literature, Physics, Organic Chemistry, Practical Chemistry.

(5.) **Two Years Course in Subjects bearing on Journalism.** — *First Year.* — French, English Literature (1st and 2nd Years classes), History (2rd and 4th Years classes), Junior Philosophy or Political Economy. *Second Year.* — French, Advanced English Literature, Ethics, Political Economy, Constitutional History, Constitutional Law.

(6.) **Two Years Course in Subjects bearing on Commerce.**—*First Year.*—French, German, English, Mathematics, Chemistry. *Second Year.*—French, German, English Literature, Political Economy, Physics, Law of Contracts.

§ XIV.—**Special Classes not leading to a Degree.**—During the past session evening classes, of two hours a week each, were conducted in Mathematics and Chemistry for the benefit of artizans. It is intended to open similar classes in the present session in Chemistry and Physics, should there be sufficient demand. A special course of lectures on Psychology for the benefit of teachers was given by Prof. Seth. Lists of students are given at the end of the Calendar. (See also § I, iii.)

§ XV.—Medals and Prizes.

(The Senate reserves to itself the right of withholding Medals and Prizes in cases in which sufficient merit is not shown.)

THE GOVERNOR-GENERAL'S GOLD MEDAL, which is offered by His Excellency the Governor-General of the Dominion of Canada, will be awarded to the undergraduate standing highest among those taking Honours in the Department of Classics, the winners of other medals being excluded. In the event of its not being awarded in this department, it may be awarded in the department of Latin and English, or in that of Greek and English, or in some other department.

THE GOVERNOR-GENERAL'S SILVER MEDAL, which is offered by His Excellency the Governor-General of the Dominion of Canada, will be awarded to the undergraduate standing highest among those taking Honours in Philosophy, the winners of other medals being excluded. In the event of its not being awarded in this department, it may be awarded in some other department.

THE SIR WILLIAM YOUNG GOLD MEDAL, founded by bequest of the late Hon. Sir William Young, will be awarded to the undergraduate standing highest among those taking Honours in the department of Mathematics and Mathematical Physics, the winners of other medals being excluded.

NORTH BRITISH SOCIETY BURSARY.—A Bursary of the annual value of \$60, founded by the North British Society of Halifax, is offered for competition at the Examinations of the Second Year's Course in Arts; it is tenable for two years; namely, during the Third and Fourth Years of the Undergraduate Course in Arts. Candidates must be undergraduates who have completed two years of the Curriculum, and must be eligible at the proper age, to be members of the North British Society. The next competition will take place in April, 1894.

THE WAVERLEY PRIZE.—This Prize, the interest of an endowment of \$1000, will be awarded annually to the student of the Second Year Mathematical Class, who stands highest at the Examinations in the Mathematics of the year, the winner of the North British Society being excluded.

THE AVERY PRIZE.—This Prize, the interest of \$500, bequeathed for this purpose by the late J. F. Avery, M.D., will be awarded on graduation to that member of the graduating class, who, during the Third and Fourth Years of his Course, has distinguished himself most among those taking the ordinary B. A. Course.

THE EARLY ENGLISH TEXT SOCIETY'S PRIZE, which is offered annually by that Society, and consists of several volumes of the Society's publications, will be awarded to the Student standing highest in the subject of Early English Language and Literature at the examinations of the Special Course in English and English History.

THE NEW SHAKSPERE SOCIETY'S PRIZE, which is offered annually by that Society, and consists of several volumes of the Society's publications, will be awarded to the student who stands highest in the subject of the plays of Shakespeare at the Examinations of the Second Year in English Literature.

SCHOLARSHIPS.—The following scholarships are offered for competition at the First Year Matriculation Examination into the Faculties of Arts and Science.

(a.) Five Sir William Young Scholarships; of the value of Forty Dollars each, tenable for one year and payable in two instalments.

(b.) Two Professors' Scholarships; entitling to exemption from fees throughout the entire course, in classes conducted by Professors in the Faculties of Arts and Science; provided the Scholar make progress satisfactory to the Faculty.

They will be awarded to the seven candidates ranking highest at this Examination; provided their standing is considered satisfactory by the Faculty. The successful candidates will be allowed to select, in order of their standing, the scholarships which they shall hold.

§ XVI. — Munro Exhibitions and Bursaries. —

(1.) The following Exhibitions and Bursaries are offered by George Munro, Esq., of New York, to be competed for at the beginning of the Session of 1892-93:—

Five Senior Exhibitions of \$150 a year, tenable for two years.
Ten Senior Bursaries of \$100 a year, tenable for two years.

(2.) The *Senior Exhibitions and Bursaries* are offered for competition to undergraduates entering the Third Year of the B. A. and B. Sc. Courses. Candidates must have completed the Second Year of their Course, either at this or at some other University; but they must not have entered upon the Third Year. They must also have matriculated* within three years or within two years of the date of the competition, according as they may have entered upon their course as undergraduates of the First or of the Second Year respectively.

(3.) The *Senior Exhibitions and Bursaries* shall be held during the third and fourth years of the B. A. or B. Sc. Course, provided the holder (a) attend in consecutive years, to the satisfaction of the Faculty, the classes proper to the third and fourth years of his Course, (b) pass in all the subjects of the third year, and either obtain a Second Class standing in one of them or obtain the favourable report of a Professor on work done in one of the Special Courses, and (c) pass in the subjects of the fourth year.

(4.) The annual amounts of the above Exhibitions and Bursaries will be paid in three instalments, the first on the first Monday after the Autumn Convocation, the second on the first Monday after the Christmas vacation, and the third on the day of the Spring Convocation, the payment of each instalment being dependant upon the fulfilment of the conditions of tenure at the date at which it becomes due.

(5.) Candidates are required to make application for these Exhibitions and Bursaries by letter addressed to the President, and sent so as to reach him on or before September 1st, 1892. In making such application they must send (a) a statement signed by themselves to the effect that they are not precluded by any of the conditions of § XVI (2) from competing for these Bursaries, and (b), if they have not already been students at this College, a certificate of good moral character signed by a clergyman or other person occupying a public official position.

(6.) A certain standard of answering at the Examinations, fixed by the Faculty, will be required for obtaining any of the above Exhibitions and Bursaries. A higher standard will be required for Exhibitions than for Bursaries.

(7.) The Faculty shall in all cases decide as to the fulfilment of the above rules and conditions.

(8.) The Examinations for the *Senior Exhibitions and Bursaries* will be held at the College on September 8th-11th, 1892.

* Matriculation consists in entering the name upon the Register of a University as an undergraduate, not in the mere passing of a Matriculation Examination.

(9.) The subjects of Examination for the Senior Exhibitions and Bursaries of 1892-93 shall be any two of the following groups :—

A.—CLASSICS.

LATIN : *Horace*, Odes, Book IV. *Cicero*, Selected Letters, (Prichard and Bernard's, sold by Macmillan, N. Y.) An "unseen" passage will also be set for translation. *Composition*: An easy piece of English to be turned into Latin Prose. (For models, see Champeney's and Rundall's Easy Pieces for Latin Prose, 2nd series, Rivingtons, London.)

GREEK : *Herodotus*, Book VI. (Shuckburgh's, sold by Macmillan, N. Y.) An "unseen" passage also will be set for translation. *Composition*: Translation of simple passages. (For models, see Sidgwick's Introduction to Greek Prose Composition.)

B.—MATHEMATICS.

ALGEBRA : As set forth in Colenso's, or Todhunter's, or Wood's Algebra, exclusive of Continued Fractions and Diophantine Analysis.

TRIGONOMETRY : Analytical Plane; as far as, and including, DeMoivre's Theorem, with its application to the measurement of Circular Arcs, and the solution of the equation $x^n = \pm 1$.—Spherical; as far as, and including, Napier's Rules for the solution of Right-angled Triangles.

GEOMETRY : The First, Second, Third, Fourth and Sixth Books of Euclid, with the definitions of the Fifth; the first 21 propositions of the Eleventh Book. Conic Sections: The Parabola and the Ellipse, as set forth in Drew's, or Cockshott and Walters's Conic Sections. (The equivalent of these will be accepted, if the candidate has used other Text Books; which, however, he must, at the examinations, specify).

The examinations will not be confined to the text of the books mentioned, or of any others, but will include Exercises and Problems on the principles laid down in common by all standard treatises on the above subjects.

C.—ENGLISH.

Lounsbury: History of the English Language, Pt. I; *Jonson*: The Alchemist; *Shakespeare*: Midsummer Night's Dream, Henry IV., Pt. I; *Coleridge*: Ancient Mariner, Christabel, Kubla Khan; Coleridge (Eng. Men of Letters Series).*

D.—CHEMISTRY AND EITHER PHILOSOPHY OR PHYSICS.

Chemistry.—The subjects of this Examination will be the same as those embraced in the Course of Lectures on Inorganic Chemistry, given under the heading "*Inorganic Chemistry Class*," on page 28 of this Calendar.

Philosophy.—Jevons's Elementary Lessons in Logic (Macmillan & Co.), Fowler's Inductive Logic (Clarendon Press); and Clark Murray's Handbook of Psychology (Dawson Brothers, Montreal).

Physics.—The subjects of examination will be the same as those studied in the Junior Physics Class. But the paper will consist largely of problems of a more difficult order than those taken up in the class.

Texts: Jonson, "Mermaid" series; Viztelly, London, or "Best Elizabethan Plays," Ginn, Boston. Coleridge, any good text. Only such questions asked as can be answered without the help of annotated editions.

Candidates are recommended to revise thoroughly the books prescribed for Distinction in the Junior Class, and in addition to work through Jones' Examples in Physics (Macmillan & Co.).

Candidates shall be required to present themselves for examination in two of the above groups—A, B, C, D. They may select any two of these groups; but will not be allowed to present themselves for examination in three.

The relative values of the four groups shall be the same.

Candidates must give notice to the President of the groups in which they intend to present themselves for Examination.

The subjects of Examination for the Senior Exhibitions and Bursaries of 1893-94, shall be as follows:—

A.—CLASSICS.

The same as for 1892-93.

B.—MATHEMATICS.

The same as for 1892-93.

C.—ENGLISH.

Lounsbury: History of the English Language, Pt. 1.; *Webster*: The Duchess of Malfi; *Shakespeare*: Othello, The Merchant of Venice, *Keats*: Hyperion, To a Nightingale, To a Grecian Urn; Keats (Eng. Men Let. Series).

D.—CHEMISTRY AND EITHER PHILOSOPHY OR PHYSICS.

Chemistry.—The same as for 1892-93.

Philosophy.—Jevons's Elementary Lessons in Logic (Macmillan & Co.), Fowler's Inductive Logic (Clarendon Press); James's *Psychology*: *Briefer Course*, (Henry Holt & Co.).

Physics.—The same as for 1862-93.

Candidates shall be required to present themselves for examination in two, and two only, of the above groups, A, B, C, D. Of the two, one must be either A or B, and the other may be any other of the four. The relative values of the four groups will be the same.

§ XVII.—**Residence**.—All students are required to report their places of residence to the President on or before the day appointed in the University Almanac, (October 19th).

Lady undergraduates in any faculty are admitted, on certain conditions, as boarders to the Halifax Ladies College.

Persons who wish to take students as boarders must furnish the President with satisfactory references. A Register is kept by the President, containing the names of those persons who have satisfied this condition; and, for the convenience of students, a list of the names and addresses of such persons will be posted on the notice-board in the College hall at the beginning of the Session.

§ XVIII.—**Church Attendance.**—All students under twenty-one years of age not residing with parents or guardians, are required to report to the President on or before the day appointed in the University Almanac, (October 19th), the churches they intend to make their places of worship during the Session. Intimation will be made to the various clergymen of the city, of the names and addresses of the students who have chosen their respective churches as places of worship.

§ XIX.—**Discipline.**—Any case of improper conduct on the part of a student, if brought to the notice of the Faculty, is to be investigated by the Faculty and reported to the Senate.

The Senate has authority to impose fines for damage done to property, to inflict at discretion the penalties of admonition, suspension for a term, and expulsion, for neglect of duty, or for disorderly or improper conduct, and to use all other means deemed necessary for maintaining discipline.

The Professors have full power to maintain order in their respective classes, and may if necessary expel from the room during the class hour, any student persisting in disorderly conduct.

§ XX.—**Degree of Master of Arts.**—A Bachelor of Arts, of at least three years standing, maintaining meanwhile a good reputation, shall be entitled to the Degree of Master of Arts, on producing a satisfactory thesis on some literary, philosophical or scientific subject. The subject must have been previously approved by the Faculty. The thesis must be handed in on or before 1st March.

A Bachelor of Arts of at least one year's standing shall be entitled to the Degree of Master of Arts, on passing an examination in a course of study to be approved by the Faculty, and of about the extent represented by the academic work of a single year.

Examinations for M. A. will be held at the time of the Spring examinations for B. A. In special circumstances an examination may be granted in the Autumn, but in that case a fee of Ten Dollars will be charged.

Candidates must give at least a month's notice of their intention to appear at an M. A. Examination. For fee see § xxiv.

§ XXI.—**Degree of Doctor of Laws.**—The degree of Doctor of Laws may be conferred, *causa honoris*, for eminent literary, scientific or professional distinction.

§ XXII.—**Admission ad Eundem Gradum.**—Graduates of Universities approved by the Senate, who have received their degrees in course, shall be admitted *ad eundem gradum*

in this University, on producing satisfactory proof of character and academic standing. For fee see § xxiv.

XXIII.—Academic Costume.—(1.) Bachelors and Masters of Arts, and Bachelors of Letters, and Doctors of Laws of this University, shall be entitled to wear gowns, of black stuff, and hoods. The distinctive part of the costume is the hood. The following are the kinds of hood appointed for the various degrees.—

B. A.—Black stuff lined with white silk and bordered with white fur.

M. A.—Black stuff lined with crimson silk.

B. L.—Black stuff, with a lining of white silk, bordered with light blue silk.

LL.D.—Black silk lined with purple silk.

(2.) Successful candidates for these degrees shall be required to appear at the Convocation in the proper academic costume, to have the degree conferred upon them. Degrees will be conferred in the absence of the candidate only by special permission of the Senate.

XXIV.—Fees.—(1.) Fees are payable by students for Registration, for the use of the Gymnasium, for classes attended, and for certain examinations. They are payable in advance.

No student shall be allowed to enter a class until he has paid the proper fees.

The following is a statement of the fees payable by student generally, and of the special privileges granted to undergraduates :—

Registration Fee, payable annually by all students taking more than one class, except undergraduates who entered the College previously to 1891-92.....	\$4 00
Registration Fee, payable by students taking only one class and by undergraduates who entered the College, previously to 1891-92.....	2 00
Gymnasium Fee, payable annually by all male students attending more than one class, except registered students of the Halifax Medical College.....	1 50
Fee for each class attended, per Session † (except the Practical Chemistry and Physics Classes).....	6 00
Fee for each of the Practical Chemistry and Physics Classes for every three months of practical work in Laboratory.....	6 00
Supplementary Examination Fee, payable on giving the notice required by § x. (7).....either \$2.00 (or § x. (4))	6 00
Additional Fee for Second Supplementary Examination, if granted (§ x, 6.).....	3 00
Special Examination Fee, payable on giving the notice required by § x, (7).....	2 00
Fee for Special Certificate of Standing.....	5 00

†The Latin and Greek Classes of any one year shall be considered a single class.

Undergraduates who entered the College previously to 1891-92 shall in general pay one fee of Six Dollars to each Professor whose classes they may attend as parts of the ordinary course; but in the case of the Professors of Classics and Mathematics fees shall be paid in both the first and the second years of their course; in the case of the Professor of Modern Languages fees shall be paid twice by undergraduates taking either one language during more than two years or two languages for two years; in the case of the Professors of Chemistry and Physics, fees of \$6.00 per session shall be paid for Practical Classes by undergraduates taking these classes; and in the case of the Professor of English Literature a fee of \$6 00 shall be paid by undergraduates taking the Senior English Class.

Undergraduates entering the College in and after 1891-92, after having attended as parts of the course, two of the ordinary classes conducted by any Professor, shall be allowed, without payment of fees, to attend as parts of their course, any other ordinary classes, not being practical experimental classes, conducted by said Professor.

Undergraduates taking special courses shall be required to pay to each Professor whose Advanced Class or Classes they may require to attend, one fee for the first of such classes attended, but they shall be allowed to attend the second Advanced Class without fee, provided it be not a practical experimental class.

Undergraduates taking Advanced Classes as part of the ordinary courses, shall be required to pay fees for such classes.

(2) The graduation fees shall be as follows:—

Fee for the B. A. or B. L. Diploma, which is payable by candidates before the Spring Examinations of the Fourth Year, and will be returned in case of failure.....	\$ 5 00
Fee for M. A. Diploma, which must accompany the Thesis, or intimation of intention to appear for examination, and will be returned if the degree be not conferred.....	10 00
Fee for B. A. or M. A., (<i>ad eundem gradum</i>).....	10 00

Faculty of Pure and Applied Science.

THE PRESIDENT (*ex officio.*)
CHARLES MACDONALD, M. A.
GEORGE LAWSON, Ph. D., LL. D.
JAMES LIECHTI, A. M.
J. GORDON MACGREGOR, D. Sc.
JAMES SETH, M. A.
ARCHIBALD MACMECHAN, B. A., Ph. D.
MARTIN MURPHY, D. Sc., C. E.
EDWIN GILPIN, JR., A. M., LL. D., F. G. S.,
F. W. W. DOANE, C. E.
C. E. W. DODWELL, B. A., M. I. C. E.
RODERICK MCCOLL, C. E.

Dean of the Faculty : PROF. MACGREGOR.

§ XXV.—Courses of Instruction.

I.—MATHEMATICS.

Professor.....C. MACDONALD, M.A.

The classes will be the same as those of the Arts Faculty, (§ I, vi.)

II.—PHYSICS.

Professor.....J. G. MACGREGOR, D. Sc.

Junior Physics Class.

Tuesdays, Thursdays, and Fridays, 11 A. M.—12 M.

¶ The subjects will be the same as in the Arts Faculty, (§ I, vii). Candidates for the degree of B. Sc., in courses E, F, G, are recommended to give special attention to Dynamics and Hydrodynamics.

Senior Physics Class.

Mondays and Wednesdays, 10—11 A. M.

The course of study will extend over two years, and will assume a knowledge of the Mathematics of the 2nd year class.

In 1892-93 the subjects studied will be Kinematics, Dynamics (including Kinetics and Statics), Hydrodynamics (including Hydrostatics and Hydraulics) and Elasticity. The Professor's Kinematics and Dynamics (Macmillan & Co.), and Clarke's Principles of Graphical Statics (E. & F. N. Spon), will be used as Text books, being supple-

mented by reference to other works. Students will be required to apply graphical methods in the drawing-room.

In 1893-94 the subjects will be: Heat, including the general principles of Thermodynamics, Air and Gas engines, and the Steam engine, Electricity and Magnetism, including dynamo electric machines and electric motors. Maxwell's Theory of Heat (Longmans & Co.), Cumming's Theory of Electricity (Macmillan & Co.), Ewing's article "Steam Engine" in the Encyclopædia Britannica (A. & C. Black; the *Part* containing the article may be obtained separately from the publishers at 7/6), and Thompson's Dynamo-electric Machinery (E. & F. N. Spon), will be used as books of reference.

Advanced Mathematical Physics Class.

As in the Faculty of Arts, (§ I, VII).

Practical Physics Class.

As in the Faculty of Arts, (§ I, VII).

III.—CHEMISTRY.

Professor.....G. LAWSON, PH. D., LL. D.

Inorganic Chemistry Class.

Tuesdays, Wednesdays, and Fridays, 9—10 A.M.

As in the Faculty of Arts, (§ I, VIII).

Organic Chemistry Class.

Mondays and Thursdays, 9—10 A.M.

As in the Faculty of Arts. (§ I, VIII).

Practical Chemistry.

In addition to the work sketched in § I, VIII, instruction will be given to students of this Faculty in the use of the Blow-Pipe for qualitative determinations of the constituents of Economic Minerals and Metallic Ores, and in wet processes for quantitative estimates; also preliminary instruction in the practical examination by the microscope and experimentally of the physical and chemical characters of sands, building stones, lime, brick clays, cements, and other building materials, &c. The nature and extent of the work undertaken by the student, will, in each case, be determined and regulated by his special requirements. Should special training be desired in any chemical industry not indicated, the necessary scientific instruction will be given as far as practicable.

IV.—MINERALOGY AND LITHOLOGY.

Lecturer.....G. LAWSON, PH. D.

Systematic Class.

A course of systematic instruction in Mineralogy and Lithology will be conducted in the Museum, illustrated by the McCulloch Collection.

Assaying.

The work of this class will be devoted to mineral analysis and the assaying of ores of Iron, Copper, Lead, Silver, Zinc, &c., Gold Quartz, Plaster, Coal, Manganese, Baryta, &c.

V.—APPLIED MECHANICS.

Lecturer.....J. G. MACGREGOR, D. Sc.

Twice a week.

The object of this class is to study the practical application of Dynamics to the various branches of Engineering. The series of lectures will form a two years course, so arranged that students may enter the class at the beginning of either year. The subjects studied will be as follows :—

In 1892-3.—Resumé of the Principles of Statics ; The Theory of Structures, including the equilibrium and stability of beams, frames, trusses and girders, of chains, cords, and ribs, and of abutments, arches and vaults, with straining actions due to loads ; The Strength of Materials, including the relation of stress to strain and resistance to stretching, shearing, crushing, bending, twisting, and wrenching. Graphical methods will be studied and practised in the Drawing-room. Text books will be announced at the opening of the class.

In 1893-4.—Resumé of the Principles of Dynamics.—The Mechanics of Machinery, including (*a*) Kinematics : relative velocities and accelerations ; velocity and acceleration diagrams ; link-work, wheel-teeth, belts, cams, the screw, conic mechanisms, bevel and skew gearing, parallel motions, &c. (*b*) Dynamics : equilibrium of mechanisms, force and work diagrams, inertia of moving parts, fly-wheels, governors, friction. (*c*) Energetics : production, transmission and measurement of power, prime movers. Kennedy's Mechanics of Machinery will be used as a text book, and students will be required to practise the solution of problems graphically.

VI.—DRAWING.

The University provides no instruction in this department, but the following classes of the Victoria School of Art and Design, Mr. George Harvey, A. R. C. A., Head Master, are recognised as qualifying for a degree :

Mr. Harvey's classes in the subjects of Free-hand Drawing, Geometrical Drawing, Shaded Drawing from the Round, Modelling in Clay, Principles and Practice of Decorative Design, Elements of Perspective and the History of Art. This course of instruction extends over three years and is the one to be taken by students preparing for Science Masterships in Schools.

Mr. Larkin's classes in Mechanical Drawing, including Practical Geometry, Descriptive Geometry, Projection of Lines, Planes and Solids, Sections by Planes, Developments, Penetrations, Curved Surfaces and Surfaces of Revolution, Preparation of Working Drawings of Machines to scale. This course of instruction extends over three years, and is the one to be taken by Engineering Students.

The class in Building Construction and Architecture may be taken by Civil Engineering Students instead of the third year of the Mechanical Drawing Class.

The classes of the Art School meet twice a week for two hours. The fee is \$8 for the whole year. The fee for a certificate of examination is \$2.00.

VII.—CIVIL ENGINEERING.*

Lecturers. { M. MURPHY, D. Sc., C. E., *Provincial Engineer.*
 { R. McCOLL, C. E., *Asst. Provincial Engineer.*

Once a fortnight.

The subjects treated will be :—Materials and Constructions ; Earth-work ; Masonry ; Carpentry ; Structures of Timber, Stone and Iron ; the Construction of Common Roads ; Railways ; Bridges ; Water Supply for Towns ; and Reclamation of land from the sea.

Such works as are named above are generally in operation in Nova Scotia, under the supervision of the Provincial Engineer, and advanced students in the Engineering Class will be afforded an opportunity of examining them under construction.

Text books and books of reference will be announced at the opening of the class.

VIII.—SURVEYING.*

Lecturers. { F. W. W. DOANE, C. E.
 { R. McCOLL, C. E.

Once a fortnight.

The subjects treated will be : Chain Surveying ; Angular Surveying ; Calculating Areas ; Use and Adjustment of Transit, Theodolite, Level (Dumpy, Wye, &c.), Aneroid Barometer, Plane Table, and other field instruments ; Contour Surveying ; Plotting ; Typography ; Levelling (including indirect and barometric).

The subject of Sanitary Engineering will also be discussed.

Practical operations will be carried on in the field and will include Chain and Compass Surveys, Measurement of Base Lines, Triangulation Survey, Preliminary and Location Survey of a line of road, setting out work, etc.

Students will be expected to keep complete notes and to prepare all drawings required from them.

Text books and books of reference will be announced at the opening of the class.

IX.—MINING.*

Lecturer. E. GILPIN, JR., A. M., I. L. D.

A Course of Twelve Lectures.

The subjects of the lectures will be : Geology in relation to Mining ; Occurrence of Veins and Beds ; Preliminary Operations ; Valuation of Properties ; Shaft and Slope Sinking ; Mining Operations ; Unstratified and Stratified Minerals ; Ventilation ; Pumping ; Hoisting ; Mining Appliances, Tools, &c ; Cleaning of Ores and Coals.

Text Books (preliminary list) : Smith's Coal Mining ; Andre's Treatise on Coal Mining ; Chance's Coal Mining, Pennsylvania ; Dane's Metalliferous Mines ; Merri vale's Notes and Formulæ ; Geikie's Outlines of Field Geology ; Ilhseng's Manual of Mining.

* If in any year there should not be a sufficient number of students to form a class in this subject, the lectures will not be given, but the students will pursue a course of reading under the supervision of the Lecturers. The practical part of the class work will always be carried out.

X.—HYDRAULIC ENGINEERING.*

Lecturer.....C. E. W. DODWELL, B.A., M.I.C.E.

Once a Fortnight.

The subjects treated will be as follows:—

Flow of water through orifices and short tubes, and in pipes and open channels.

Water supply to cities and towns; Quantity and quality necessary; Rainfall, watershed, springs, wells, lakes, and rivers; Storage of water in natural and artificial reservoirs; Measuring weirs and stream gaging; Filtration and other methods of testing impure waters; Construction of dams of stone, earth and timber; Details of construction of a town supply; Mains and distribution pipes, thickness, weight, strength, methods of moulding, preserving and laying; Valves, hydrants, &c.; Pumping engines.

Turbines and water-wheels.

River improvements.

XI.—BOTANY.

Lecturer.....G. LAWSON, PH. D., LL. D.

In addition to the work laid down in the Faculty of Arts (§ I, IX), practical instruction will be given in the use of the Microscope, Preparing of Sections, Mounting of Preparations, and Microscopical Analysis.

Students of the C or D course in the Faculty of Pure and Applied Science are required, during the summer vacation, to engage in practical botanical work, and to present on entering their second year's course, either a report upon Microscopical work in some special department during the summer, or a collection of specimens of native plants of the district of their residence, properly prepared and named, accompanied by a systematic catalogue.

XII.—PHYSIOLOGY.

The University provides no instruction in this subject, but the class conducted in the Halifax Medical College by Prof. A. Morrow, M. B., C. M., is recognised as qualifying for a degree. The class meets daily at 11—12 A. M. The fee for the course is \$12.00, and for a certificate of examination, \$3.00.

XIII.—HISTOLOGY.

The University provides no instruction in this subject, but the class conducted by G. M. Campbell, B.A., M.D., *Demonstrator*, in the Halifax Medical College, is recognised as qualifying for a degree. The class meets once a week. The fee for the course is \$4.00, and for a certificate of examination, \$2.00.

* If there should not be a sufficient number of students to form a class in this subject, the lectures will not be given, but the students will pursue a course of reading under the supervision of the lecturer.

XIV.—ANATOMY.

The University provides no instruction in this subject, but the Systematic and Practical classes conducted in the Halifax Medical College by Prof. A. W. H. Lindsay, M.D., are recognised as qualifying for a degree. The Anatomy Class meets daily at 10—11 A. M. ; fee \$12.00. The Practical Anatomy Class meets daily, 8—10 P. M. ; fee \$12.00. Examination fee, \$3.00.

XV.—MENTAL SCIENCE.

Professor JAMES SETH, M. A.

The class in Mental Science is that known in the Arts Faculty as Junior Philosophy, (§ I, v).

XVI.—ENGLISH.

Professor A. MACMECHAN, PH. D.

As in the Arts Faculty, (§ I, III).

XVII.—FRENCH AND GERMAN.

Professor J. LICHTI, M. A.

As in the Arts Faculty, (§ I, II).

§ **XXVI.**—**The Academic Year** consists of one session. The Session of 1892-93 will begin on the 14th September, 1892, and end on the 25th April, 1893.

§ **XXVII.**—**Admission of Students.**—The regulations for the admission of students are the same as in the Arts Faculty, (§ III).

§ **XXVIII.**—**Degrees.**—Two degrees are conferred in the Faculty of Science, those, viz., of Bachelor of Science (B. Sc.) in either pure Science or Engineering, and Bachelor of Engineering (B. E.)

The regulations for the admission of students to the courses of study leading to these degrees are the same as in the Faculty of Arts, (§ IV, 2—7).

Undergraduates who have completed a portion of their Arts or Science Courses either in this University or elsewhere, will be admitted to such advanced standing in the courses leading to the above degrees, as the subjects which they have studied may seem to warrant, and arrangements will be made to enable them to complete the courses in as short a time as possible.

§ XXIX. — **Matriculation Examinations.** — The examination by which a student may gain entrance to the first year of the various courses in this Faculty, is the same, and is held at the same date, as in the Faculty of Arts, (§ V).*

The subjects of the examination by which a student may gain entrance to the Second Year of the various courses in this Faculty, consist of the subjects of the First Year Matriculation Examination and of the First Year of the course in which he wishes to enter (§ XXX). The regulations for this Examination are the same as in the Faculty of Arts, (§ VI).

§ XXX. — **Courses of Study for Degree of B. Sc.** — Seven Courses of Study are provided, which lead to the Degree of B. Sc., viz. :—

Course A, which has as main subjects Mathematics and Physics, and is suited to the requirements of students who wish to prepare themselves for higher teaching positions in these departments, or to obtain a thorough ground-work for a subsequent course in Engineering.

Course B, which has as main subjects Experimental Physics and Chemistry, and is intended to meet the wants of students who wish to prepare themselves for higher teaching positions in these departments, or for engaging in chemical industries.

Course C, which includes a study of the varied sciences, of Modern Languages and of Drawing, and is designed to meet the wants of students who aim at Science Masterships in High Schools.

Course D, which has as main subjects Chemistry and Biology, and is especially suitable for students who intend to enter upon the study of Medicine. A sufficient number of the scientific subjects included in the medical curriculum. are studied in this course to enable the student taking it to shorten his subsequent medical course by one year.

Courses E, F, G, in Civil, Mechanical and Mining Engineering respectively. Through the kind co-operation of leading engineers in the city of Halifax, the University is able to provide these courses, in which Mathematics, Physics, Chemistry and their applications to the various departments of Engineering are studied *pari passu*. As no funds are available at present for establishing workshops and testing laboratories, students are recommended to spend their summer vacations in practical work. The Dean of the Faculty will be glad to recommend diligent students to Engineers, under whom they wish to secure the opportunity of engaging in such work during the summer.

* Note that as subjects 1 and 2 of that Examination any two of Latin, Greek, French, and German may be selected.

Students of Engineering who aim at becoming Electrical Engineers, may begin the necessary practical study of Electricity by taking the Practical Physics Class. But the outfit of the Physical Laboratory is at present too meagre to warrant the University in offering a special course in this department.

The following is a statement of the classes which must be attended in these various courses. Details as to the subjects studied in these classes will be found under Courses of Instruction, (§ XXV). Classes to which the letters A, B, &c., are attached, are to be taken in the Courses indicated above by the same letters. Those to which no such letters are attached, are common to all the Courses.

First Year.

- (1.) Mathematics.
- (2.) Inorganic Chemistry.
- (3.) For A, B, E, F, G, Drawing. For C, D, Botany.
- (4.) English.
- (5.) French or German*.

Practical work in Botany will be prescribed for students taking Courses C, D, the work to be done during the summer vacation.

Second Year.

- (1.) Mathematics.
- (2.) Junior Physics.
- (3.) Practical Chemistry.
- (4.) Drawing.
- (5.) English.
- (6.) French or German*.

Third Year.

- (1.) For A, Advanced Mathematics. For B, C, D, Practical Chemistry. For E, F, G, Advanced Mathematics (partial course).
- (2.) For A, B, E, F, G, Senior Physics. For C, D, Practical Physics.
- (3.) For A, C, D, Mental Science. For B, Assaying. For E, F, G, Applied Mechanics.
- (4.) For A, B, C, D, French or German*. For E, F, G, Drawing.
- (5.) For B, D, Organic Chemistry. For C, Drawing. For E, F, G, Surveying.
- (6.) For F, G, Assaying.

*As under present arrangements, Latin and Greek are necessary subjects in the examination for the highest grade of Teachers License in the Province of Nova Scotia, these subjects may be substituted for French and German, so far as the Time Table may permit, by undergraduates taking Course C. In such case, however, the matriculation examination in these subjects must have been passed before entering the classes.

Fourth Year.

- (1.) For A, Advanced Mathematics. For B, D, Practical Chemistry. For C, Organic Chemistry. For E, F, G, Advanced Mathematics (partial course)
- (2.) For A, B, E, F, G, Senior Physics. For C, D, Physiology.
- (3.) For A, Advanced Mathematical Physics. For B, Practical Physics. For C, Drawing. For D, Anatomy. For E, Advanced Mathematical Physics (partial course), or Practical Physics. For F, Advanced Mathematical Physics (partial course). For G, Mining.
- (4.) For A, French or German or Practical Physics. For B, C, D, French or German.* For E, F, G, Applied Mechanics.
- (5.) For B, C, E, G, Mineralogy and Lithology. For D, Practical Anatomy. For F, Practical Physics.
- (6.) For D, Histology. For E, F, G, Civil Engineering and Hydraulic Engineering.

An undergraduate taking Course D, who wishes his Fourth Year to qualify for a medical degree, must, previously to his entering upon it, have satisfied the requirements of the Medical Faculty with regard to Matriculation and the payment of fees. (See Faculty of Medicine.)

§ XXXI.—**Attendance.**—The regulations as to attendance are the same as in the Faculty of Arts. (See § IX).

§ XXXII.—**Examinations.**—The regulations as to Examinations are the same as in the Faculty of Arts. (See § X).

§ XXXIII.—**The Degree of B. Sc. with General Distinction** will be conferred on the same conditions as the corresponding degree in the Faculty of Arts, (§ XI).

§ XXXIV.—**The Degree of B. Sc. with Honours** will be conferred on the same conditions as the corresponding degree in the Faculty of Arts, (§ XII); but the only departments in which it will be conferred at present in this Faculty, are those of Mathematics and Mathematical Physics, and Experimental Physics and Chemistry (§ VIII, 11 and 12).

*As under present arrangements, Latin and Greek are necessary subjects in the examination for the highest grade of Teachers License in the Province of Nova Scotia, these subjects may be substituted for French and German, so far as the Time Table may permit, by undergraduates taking Course C. In such cases, however, the matriculation examination in these subjects must have been passed before entering the classes.

§ **XXXV.—Medals and Prizes.**—The Sir Wm. Young Gold Medal, the Waverley Prize, the New Shakspeare Society's Prize, the Sir Wm. Young Scholarships, the Professors' Scholarships, and in some years the Governor-General's Gold and Silver Medals, are open for competition to students of the Faculty of Science. (See § XV)

§ **XXXVI.—The Munro Exhibitions and Bursaries** are open for competition to undergraduates entering the Third Year in this Faculty. For regulations see § XVI.

§ **XXXVII.—Residence, etc.**—The regulations as to residence, church attendance, and discipline, in this Faculty, are the same as in the Faculty of Arts. (See § XVII—XIX).

§ **XXXVIII.—The Degree of Bachelor of Engineering (B. E.),** will be conferred on a Bachelor of Science who has taken the Degree in one or other of the departments of Engineering, at any date not less than one year after graduation, provided he satisfy the following conditions :

(1.) He must furnish certificates from an engineer or engineers, approved for this purpose by the Faculty, shewing that he has been engaged in practical work in some one department of Engineering under their supervision for a period of at least two years, and that he has exhibited satisfactory diligence and progress. A part or the whole of this time may be spent in any approved Engineering School which possesses workshops or testing laboratories.

(2.) He must hand in to the Faculty designs for some constructive work, prescribed by the Faculty, in the department in which he has been engaged in practical work, the designs to be accompanied by complete working drawings giving full details, bills of materials and estimates. The designs must be accompanied by a declaration to the effect that he has received no assistance in preparing them, and he will be required to explain and defend his designs before the examiners.

§ **XXXIX.—Admission *ad eundem gradum.***—Graduates in Science of Universities approved by the Senate, who have received their degree in course, shall be admitted *ad eundem gradum* in this University, on producing satisfactory proof of character and academic standing.

§ **XL.—Academic Costume.**—Bachelors of Science and of Engineering shall be entitled to wear black stuff gowns and

hoods. The distinctive part of the costume is the hood, which is to be as follows :

For B. Sc.—Black stuff, with a lining of white silk bordered with crimson silk.

For B. E.—Black stuff, with a lining of white silk bordered with purple silk.

Successful candidates for these degrees must appear at Convocation in the proper academic costume, to have the degrees conferred upon them. Degrees will be conferred in the absence of candidates only by special permission of the Senate.

§ XLI.—Fees.—The regulations as to fees payable by students, shall be the same as in the Faculty of Arts. (See § XXIV).

The graduation fees are as follows :

Fee for the B. Sc. Diploma, which is payable before the Spring Examinations of the Fourth Year, and will be returned in case of failure	\$ 5 00
Fee for the B. E. Diploma, which is payable on application for the Degree	20 00
Fee for B. Sc. or B. E. (<i>ad eundem gradum</i>)	10 00

Faculty of Law.

THE PRESIDENT (*ex officio.*)

RICHARD C. WELDON, A. M., PH. D.

BENJAMIN RUSSELL, A. M., Q. C.

C. SYDNEY HARRINGTON, Q. C.

EDWARD L. NEWCOMBE, M. A., LL. B.

WILLIAM B. ROSS, Q. C.

GEORGE RITCHIE, LL. B.

Dean of the Faculty—PROFESSOR WELDON.

Secretary of the Faculty—PROFESSOR RUSSELL.

§ XLII.—Course of Lectures.

The following Courses of Lectures to be given in the Session of 1892-3, will begin on the 2nd September, 1892, and end on the 12th February, 1893.

CONSTITUTIONAL AND INTERNATIONAL LAW.

(*George Munro Professorship.*)

Professor.....R. C. WELDON, M. A., PH. D.

Constitutional Law.

Two lectures per week.

Subjects of lectures :

Law of Parliament. Select Cases in Constitutional Law. British
North America Act.

Text book : Cartwright's Cases.

Constitutional History.

Two lectures per week.

Subjects of lectures :

Feudalism in England. Origin and Growth of the two Houses of
Parliament. Origin and Development of Trial by Jury. Origin and
Development of the Courts of Law. The Royal Prerogative. History
of the Law of Treason. The Liberty of the Person. The Liberty of
the Press. History of Party Government. Origin and Development

of the Cabinet System. History of the Reform Bills. The Written Code of the Constitution. *Magna Carta*. Petition of Right. Bill of Rights. *Habeas Corpus*.

Text book: Taswell-Langmead's Constitutional History of England,

Conflict of Laws.

One lecture per week.

Subjects of lectures :

Leading rules as to (1) personal capacity, (2) rights of property, (3) rights of obligation, (4) rights of succession, (5) family rights, (6) forms of legal acts. The use of courts by strangers. The effects of foreign judgments. Select cases upon the Conflict of Laws.

Text book: Nelson's Private International Law.

International Law.

One lecture per week.

Subjects of lectures :

History of North Atlantic Fisheries. Convention of London 1818. Territorial Waters. Treaty of Washington, A. D. 1871. Consuls. Commercial Treaties. Extradition. Blockade. Contraband.

Text book: Hall's International Law.

CRIMES.

Lecturer.....PROFESSOR WELDON.

One lecture per week.

Subjects of lectures :

Sources of Criminal Law. Felonies and Misdemeanors. Offences against property, against persons, against the Queen and Her Government, against Public Justice, against Public Peace, against Public Trade, against Public Morals. Conspiracy. Accessories. Offences after previous convictions.

Text book: Burbidge's Digest of Criminal Law.

REAL PROPERTY.

Lecturer.....MR. RITCHIE, LL. B.

One lecture per week.

Subjects of lectures :

Estates in Fee Simple; Estates for Life; Estates in Remainder and Reversion; Joint-Tenancy and Tenancy in Common; Estates for Years; Landlord and Tenant; Easements; Devises; Descent of Real and Personal Property.

Text books: Williams' Real Property and Landor's Leading Cases.

CONTRACTS.

Professor..... B. RUSSELL, A. M.

Two lectures per week.

Subjects of lectures :

Definition of terms ; agreement, consideration, proposal, acceptance, promise, &c. Persons who may contract, principal and agent. Disabilities arising from infancy, coverture, lunacy, intoxication, &c. Express and implied contracts. Verbal and written contracts. Specialties Statutory requirements as to validity and authentication of contracts ; Statute of Frauds. Causes vitiating agreements ; mistake, fraud, duress, &c. Discharge of contracts, rescission, performance, payment, release, merger, &c. Leading cases.

Text books : Finch's Cases, and Anson on Contracts.

EQUITY JURISPRUDENCE.

Lecturer..... PROFESSOR RUSSELL.

One lecture per week, extending over two years.

Subjects of lectures :

Trusts, Mortgages, Fraud, Mistake, Specific Performance of Contracts, Administration of Assets, Election, Account, Discovery, Injunction.

Text book : Smith, H. A.

MARINE INSURANCE.

Lecturer..... MR. NEWCOMBE, LL. B.

One lecture per week.

Subjects of lectures :

Parties to and Agents for Marine Insurance ; The Policy ; Duration ; Misrepresentation ; Concealment ; Warranties ; General and Particular Average ; Total Loss ; Abandonment.

Text book : Arnould.

TORTS

Lecturer..... MR. ROSS, Q. C.

One lecture per week.

Subjects of lectures :

Definitions. Torts considered with reference to Crimes and Contract. Deceit. Slander and Libel. Malicious Prosecution. Conspiracy. Assault and Battery. False Imprisonment. Enticement and Seduction. Trespass to Property. Conversion. Violation of Water Rights and Rights of Support. Nuisance. Negligence.

Text book : Bigelow.

EVIDENCE.

Lecturer.....MR. HARRINGTON, Q. C.

One lecture per week.

[1892-3.]

Subjects of lectures :

Nature of Proof, Production and Effect of Evidence, Relevancy, Instrument of Evidence.

Text books : Greenleaf on Evidence ; Judicature Act and Rules.

PARTNERSHIP AND COMPANIES.

Lecturer.....MR. HARRINGTON, Q. C.

One lecture per week.

[1893-4.]

Subjects of lectures :

Constitution. Liability of partners *inter se* and to third persons. Change of firm. Retirement of Partners. Dissolution. Mining ventures. Joint-stock Companies. Canada Joint-stock Companies Act.

SALES OF PERSONAL PROPERTY.

Lecturer.....PROFESSOR RUSSELL.

One lecture per week.

[1892-3.]

Subjects of lectures:

Capacity to buy and sell. Executed and executory contracts of sale. Statute of Frauds. Lord Tenterden's Act. Rules as to passing of property. Reservation of *jus disponendi*. Stoppage *in transitu*. Condition, warranty, express and implied. Remedies of seller and buyer.

Text book : Benjamin on Sales.

NEGOTIABLE INSTRUMENTS.

Lecturer.....PROFESSOR RUSSELL.

One lecture per week.

[1893-4.]

Subjects of lectures :

Formal requisites. Consideration. Indorsement and Transfer. Real and personal defenses. Over-due paper. Notice of Dishonor. Protest. Canadian Act.

Text book : Chalmers on Bills.

§ XLIII.—The Academic Year.—The academic year consists of one Session. The Session of 1892-3 will begin on the 22nd of August, 1892, and end on the 4th of April, 1893.

§ **XLIV.—Admission of Students.**—(1.) Students may enter the University by (a) furnishing satisfactory references or certificates of good moral character, (b) entering their names in the Register, and (c) paying the prescribed fees.

(2.) Registered students may, on payment of the proper fees, enter any of the classes of the Faculty.

(3.) Students who wish to obtain University Degrees must become undergraduates. They may become undergraduates by (a) passing either one of the Matriculation Examinations or a recognized equivalent, and (b) matriculating, *i. e.*, entering their names on the Matricula or Register as Undergraduates.

(4.) Students who are not undergraduates are known as General Students.

§ **XLV.—Degree of Bachelor of Laws.**—(1.) Candidates for the Degree of LL. B. are required to pass the Matriculation Examination, or a recognized equivalent, to attend not less than five-sixths of the lectures given in each subject of the course of study, and to pass the Sessional Examinations in the subjects of the course.

(2.) Undergraduates of other Law Schools may, on producing satisfactory certificates of standing, be admitted to similar standing in this Law School if, on examination, they are found qualified to enter the classes proper to their years. But if their previous courses of study have not corresponded to the course on which they enter in the University, they may be required to take extra classes.

(3.) Graduates in Arts who have taken the classes of Constitutional History, Constitutional Law and Contracts, as parts of their Arts Course, shall be allowed to graduate in two years from the date of their entering upon the Law Course, provided they take in those years all the other classes specified.

§ **XLVI.—Matriculation Examination.**—(1.) Candidates for entrance into the First Year of the Course shall be examined in the following subjects, except in cases in which certain Examinations mentioned below shall have been already passed :—

LATIN.—First three books of Cæsar. First book of Virgil, or first book of Gaius or Justinian.

GREEK.—First two books of Xenophon's Anabasis.

Candidates may substitute French or German for Greek.

The papers in the above subjects will contain questions on Grammar.

MATHEMATICS.—Arithmetic, as in *Hamblin Smith's*; Algebra, as in *Todhunter's* Algebra for beginners; Geometry, *Euclid*, Books I, II, III and IV, with easy exercises.

ENGLISH.—Grammar, Analysis and Composition, as in Nova Scotia prescribed text books for the public schools. Critical study of Shakespeare's plays. For September, 1892, and February, 1893. The Merchant of Venice (Rolfe's edition recommended).

HISTORY AND GEOGRAPHY.—British and Canadian History, as in Nova Scotia prescribed text books for the Public Schools; General Geography, as in the prescribed text books.

(2.) Persons desirous of appearing as candidates at this examination must give notice to the Dean of the Faculty on or before August 22nd, 1892; and they shall be required to pay a fee of \$5.00 on the morning of the day of Examination.—The Examination will be held next Session on Tuesday, August 30th, at 10 o'clock, A. M., in Examination Hall.

(3.) Graduates and Undergraduates in Arts of any recognized College or University, and articled clerks or law students who have passed the preliminary law examinations in any of the Provinces of the Dominion of Canada, or in Newfoundland, shall be admitted to the standing of Undergraduates of the First Year in the Faculty of Law, without passing any examination.

§ XLVII.—Course of Study for the Degree of LL. B.

First Year.

- | | |
|----------------------------|---------------|
| 1. Real Property. | 3. Contracts. |
| 2. Crimes. | 4. Torts. |
| 5. Constitutional History. | |

Second Year.

- | | |
|-------------------------------|----------------------------|
| 1. Equity. | 3. Negotiable Instruments. |
| 2. Partnership and Companies. | 4. Constitutional Law. |
| 5. Conflict of Laws. | |

Third Year.

- | | |
|-----------------------|--------------------------------|
| 1. International Law. | 4. Equity. |
| 2. Insurance. | 5. Sales of Personal Property. |
| 3. Evidence. | |
| 6. Shipping. | |

The Faculty urgently recommend that students devote their whole time during Sessions to the work of the School, experience having proved that students who undertake office work in addition to the work of their classes, receive comparatively little advantage from the lectures. The Course having been very considerably enlarged, the Faculty apprehend that students who are doing regular office work during the Session, will find it quite impossible to pass with credit the required examinations.

§ **XLVIII. — Sessional Examinations.** — (1.) The Sessional Examinations will be held in February, 1893, on the completion of the lectures in the several subjects.

(2.) Students are forbidden to bring any book or manuscript into the Examination Hall, except by direction of the Examiner, or to give or receive assistance, or to hold any communication with one another at the Examinations. If a student violates this rule, he shall be excluded from the Sessional Examinations of the Session, and such other penalty shall be imposed as the Faculty may determine.

(3.) If an undergraduate fail to pass in less than three subjects of the Sessional Examinations, he shall be allowed a Supplementary Examination in such subject or subjects at the beginning of any subsequent Session and not sooner.

(4.) If an Undergraduate fail to pass in more than two subjects at any Sessional Examination, he shall lose his Session.

(5.) Undergraduates who wish to present themselves at a Supplementary Examination, must give notice to the Dean of the Faculty on or before August 22nd, 1892.

(6.) The Supplementary Examination for the present year will begin August 30th, at 10 o'clock, A. M. Fee, \$5.00, payable on the morning of Examination.

§ **XLIX. — Moot Courts.** — Moot Courts will be held every week.

Hereafter the case to be argued will be stated by the Professor or Lecturer who is to preside, and shall be upon the subject of lectures then in progress. Every candidate for a degree shall be required to take part in arguments at the Moot Court. The senior counsel on either side shall be required to file briefs with the Dean before noon of the day preceding that on which the case is argued. A record will be kept of the values assigned to the arguments made, and these values will be considered by the Faculty in recommending a candidate for his degree.

At each Moot Court the roll will be called and the attendance of students noted.

All undergraduates are required to attend the Moot Court.

In addition to the Moot Courts—formal instruction in the practice of the law will be given by the different lecturers.

It is believed that these practical exercises will be found helpful to students who are required to acquaint themselves with the Judicature Act.

§ L.—**Mock Parliament.**—The students have organized a Mock Parliament for the discussion of legal and constitutional questions. This Parliament is well attended, and is found to be of some utility.

The Faculty would strongly recommend that the students of the First Year should organize voluntary Moot Courts to be presided over by students of the Third Year.

§ LI.—**Academic Costume.**—Bachelors of Laws are entitled to wear gowns and hoods. The gowns are similar to those worn by Barristers-at-Law. The hoods are of black silk stuff, with a lining of white silk bordered with gold coloured silk.

§ LII.—**The Library.**—Mr. A. H. R. Fraser, LL. B., has been appointed Librarian of the Law School. It is Mr. Fraser's wish to make the resources of the Library available to the students. Those engaged in preparing for Moot Court cases especially are urged to advise with the Librarian who will make them acquainted with the less accessible books in the Library. Much care is being taken to perfect our sets of Statutes. Since the end of the Session 1891-92 large additions of American Reports have been made.

The Library has a good set of English and Canadian Reports, and will be found to contain almost all the books which an undergraduate will have occasion to consult.

§ LIII.—**Fees.**—The following are the fees payable by Students of the Faculty of Law. *They are in all cases payable in advance.*

Students are requested to pay their Class Fees and sign the University Register on Tuesday, 30th August, 1892, at 10 A. M., in the office of the Law School.

Registration Fee, payable only by General Students.....	\$ 2 00
Fee for each class attended, per Session, payable by General Students	10 00
Fee for the classes of the First Year, payable by undergraduates.	40 00
Fee for the classes of the Second Year, payable by undergraduates	40 00
Fee for the classes of the Third Year, payable by undergraduates	40 00
Fee for LL. B. diploma, which is payable before the final examination, and will be returned in case of failure	10 00
Fee for the Matriculation Examination	5 00
Fee for the Supplementary Examination.....	5 00

Students of any year are permitted to attend lectures in the subjects of an earlier year without extra charge.

The fees payable are those fixed by the Calendar of the year in which the students matriculated.

Faculty of Medicine.

THE PRESIDENT, (*ex officio*).
GEORGE LAWSON, PH. D., LL. D.,
JOHN SOMERS, M. D.,
GEORGE L. SINCLAIR, M. D.,
DONALD A. CAMPBELL, M. D., C. M.,
A. W. H. LINDSAY, M. D., C. M.,
JOHN STEWART, M. B., C. M.,
A. C. PAGE, M. D.,
DANIEL MCNEIL PARKER, M. D.,
EDWARD FARRELL, M. D.,
ANDREW J. COWIE, M. D.,
JOHN F. BLACK, M. D.,
ALEXANDER P. REID, M. D.,
ARTHUR MORROW, M. B., C. M.,
MATTHEW A. CURRY, M. D.,
MURRAY McLAREN, M. D.,
WM. S. MUIR, M. D.,
WM. TOBIN, F. R. C. S. Ire.,
HUGH McD. HENRY, Q. C.,

Dean of the Faculty: PROF. LAWSON.
Secretary of the Faculty: DR. LINDSAY.

§ LIV.—**Courses of Instruction.**—1. Instruction is provided by the University in the following subjects of the Medical Curriculum:

I.—CHEMISTRY.

Professor GEORGE LAWSON, PH. D., LL. D.

Daily Lectures, 9 A. M.—10 A. M.

With experimental demonstrations.

Part I.—INORGANIC.—Object and nature of the Science. General Principles: Chemical Affinity; Laws of Combination, by Weight, by Volume. The Elements. Equivalence; Atomicity. Nomenclature; Notation; Formulæ; Equations. The Non-Metallic Elements and their compounds considered in detail. The Atmosphere. Water. Methods of Water Analysis. Mineral Waters. Combustion. Respiration. Anhydrides. Acids. Manufactures of Chlorine compounds, Acids, Ammonia, etc.

The Metals: their physical and chemical characters; Classification. The Metals and their compounds considered in detail. In discussing the Metals, special attention is given to the Salts and other compounds of Mercury, Antimony, Arsenic, Bismuth, Silver, Copper, Lead, Tin, and the methods of testing for metallic poisons, their detection in organic mixtures and tissues, and their quantitative analysis.

Part II.—ORGANIC.—Theory of Organic Compounds, founded on Marsh Gas as a starting point. Functions of Organic Compounds. Principles of Classification. Saturated Hydrocarbons. Monatomic Alcohols and their derivatives; Methyl Alcohol; Chloroform. Ethyl Alcohol; Ether; Nitrous Ether; Nitric Ether. Alcohols. Aldehydes. Volatile Fatty Acids, Compound Ethers. Chloral. Chloroform. Polyatomic Compounds. Glycerin. Fats. Saponification. Organic Acids. Sugar and Starches. Fermentation. The Aromatic Compounds. Benzol; Phenol; Aniline, &c. The natural Alkaloids of Opium; Nicotine; Quinine; Strychnine; Caffeine; Morphine, &c. Albumen. Urea. Uric Acid. Urinary Calculi and other deposits; methods of determining their chemical composition, and presence of Glucose, Albumen, &c., in urine. Analysis of Milk, Alcoholic Solutions, &c.

Text Book: Greene's Edition of Wurtz's Elements, or any equivalent work may be used.

Practical Chemistry.

Systematic Courses of testing for Metallic Bases, and Inorganic and the more common Organic Acids, with special exercises. Where students can give the necessary time, this course will be followed by special processes for detection and quantitative estimation of Metallic Poisons; examination of urine for Glucose, Albumen; nature of Urinary Calculi and other deposits. Sanitary Analysis:—Atmospheric Air: Water. Mineral Waters.

Laboratory Book: Macadam's Practical Chemistry. Bowman's Medical Chemistry, and other special works are kept in the Laboratory Library for use of Students.

Laboratory students are allowed the use of the ordinary Laboratory apparatus and furnishings, and of inexpensive reagents, but are required to provide themselves with evaporating basins, test-tubes, platinum, gold and silver salts, and other expensive materials which they may require, and to replace apparatus which they may destroy. Those who wish to work in special departments, or to engage in original research, will have to furnish themselves with the necessary apparatus.

The Chemical Laboratory is very large and airy, and is so arranged that every student has a separate set of reagents, and as much desk and table room as he can possibly use. There is a separate Balance Room and a Stink Closet.

II.—BOTANY.

Professor.....GEORGE LAWSON, PH. D., LL. D.

Lectures Tuesdays, Thursdays and Fridays, 12 A. M.—1 P. M.

The Vegetable Cell: its structure and contents, with microscopic demonstrations. Typical and Transformed Cells; Tissues. Parenchyma, Prosenchyma. Minute Structure and Development of the Root, Stem and Leaf. Structure and Development of the Flower, Fruit and Seed. *Vegetable Protoplasm:* its structure, chemical character and movements; effects upon it of Light, Electricity, Irritation,

Gravitation, Moisture, Gases. *Plant Growth* : Relations of the plant to the soil and atmosphere. Diffusion, Osmosis, Absorption, Transpiration, Assimilation. Production of organic matter in the plant ; Transmutation or Metastasis. Respiration. Vegetable Growth. Movements, of Chlorophyll, of organs (Circumnutation), Nyctitropic. *Reproduction* : Fertilization. The Seed, Germination,—dependent upon moisture, free oxygen, temperature. Effects upon plants of extremes of temperature.

Classification of Plants : The Natural System of Classification. The distinctive structural characters and geographical distribution of the more important natural orders will be given, with special attention to those orders containing poisonous plants and plants used in medicine. This part of the course will be fully illustrated by specimens, drawings and preparations.

Text books : Goodale's Physiological Botany (being Vol. II. of Gray's Botanical Text Book) : Gray's How Plants Grow, with Lawson's Fern Flora.

Field Books for Summer Work : Gray's Manual of Botany of the Northern States, Macoun's Catalogue of Canadian Plants.

2. Students wishing to attend the above courses may do so either as General Medical Students without preliminary examination, or as regular Undergraduates in Medicine. In either case they must enter their names in the University Register at the beginning of the Session. By reference to §§ VII and XXX Undergraduates in Arts or Science will see that they at the same time may be registered with the Medical Faculty, and so secure the benefit of certain classes of the Arts and Science Courses, as regular Undergraduates in Medicine.

3. In other subjects the necessary classes may be attended at the Halifax Medical College or any other recognized School of Medicine.

4. Attendance on classes by those registered as General Medical Students will not qualify for Degree Examinations in this Faculty.

§ LV.—**The Academic Year.**—The Academic Year consists of one session. The Session of 1892-93 will begin on Wednesday, October 26th, 1892, and end on Tuesday, April 25th, 1893.

In order to qualify for Degree Examinations, the Medical Academic Year must include attendance on at least two courses of 100 lectures each, or one such and two of 50 each. Certificates indicating less than 90 p. c. of attendance upon any class will not be accepted without valid reason for absence being shown.

§ LVI.—**Degrees.**—Two Medical Degrees are conferred by this University, viz., Doctor of Medicine, (M. D.) and Master of Surgery (C. M.); but neither degree is conferred on any person who does not at the same time obtain the other.

§ **LVII. — Matriculation Examination.**—1. Candidates for medical degrees must give evidence of having obtained a satisfactory general education, by passing before entering upon the course of study qualifying for the degrees, either the Matriculation Examination of this Faculty or some other examination recognized by the Senate as sufficient.

2. The following are the subjects of the Matriculation Examination :—

(1.) **ENGLISH**, including (a) writing a passage of English from dictation.

(b) English Composition, with the correction of sentences of bad English.

(c) Questions in English Grammar with analysis of sentences and derivation and definition of some common English words.

(d) Questions in Geography and History, especially in the History of the British Islands and of English Literature.

(2.) **LATIN**, including Grammar and Translation of an easy passage from a Latin prose author*, and re-translation into Latin of a single passage of English (translated from a Latin author) the more difficult Latin words being given.

(3.) **ARITHMETIC**, the common rules including Vulgar and Decimal Fractions.

(4.) **ELEMENTS OF MATHEMATICS**, comprising (a) *Geometry*, Euclid, Books I, II, and III; (b) *Algebra*, including Simple Equations.

(5.) **ELEMENTS OF DYNAMICS (MECHANICS)**, comprising Elementary Kinematics, Statics, Kinetics and Hydrostatics, as treated in Blaikie's Elements of Dynamics† (Thin, Edinburgh).

(6 and 7.) **ANY TWO** of the following subjects :

(a) *Greek*, including Grammar, Translation from specified authors*, and Translation of easy English sentences into Greek prose.

(b) *French*, including Grammar, Translation from specified authors*, and Translation of easy English sentences into French.

(c) *German*, including Grammar, Translation from specified authors*, and Translation of easy English sentences into French.

(d) *Natural Philosophy*, as in Balfour Stewart's Elementary Physics† (Macmillan & Co.)

(e) *Logic*, as in Jevon's Elementary Lessons in Logic† (Macmillan & Co.)

This Examination will begin on Wednesday, October 26th, 1892, in the College Hall, and will be conducted by instructors of the Arts Faculty.—Persons who wish to appear

Latin for 1892, Caesar, Gallic War, Bks. IV. and V. : or Virgil, *Æneid*, Bk. III.

Latin for 1893, Caesar, Gallic War, Bks. V. and VI. : or Virgil, *Æneid*, Bk. III.

Greek for 1892, Xenophon, *Anabasis*, Bk. I. or II. or VII.

Greek for 1893, Xenophon, *Anabasis*, Bk. I. or II. or VII.

In *French*, Voltaire's Charles XII., Books I. and II. or Octave Feuillet : *Le Roman d'un jeune homme pauvre*. In *German*, Adler's Reader (Appleton & Co.), Dritter Abschnitt, or Schiller's *Der Neffe als Onkel*, Act I.

†These books are mentioned to show the extent of knowledge expected. Other books may of course be used by candidates.

as candidates are required to give notice to the Secretary of the Faculty at least fourteen days before the date of Examination (specifying in such notice the elective subjects in which they wish to be examined), to enter their names in the Register of Candidates, and to pay a fee of Ten Dollars.

4. This Examination satisfies the requirements of the General Medical Council of Great Britain as to the preliminary examination which must be passed by persons wishing to register as medical students; and also satisfies the requirements of the University of Edinburgh in the same respect.—Certificates will be issued to candidates showing the subjects in which they passed and the extent to which their knowledge of these subjects was tested.

5. A certificate of the possession of a University Degree in Arts, or of the Teacher's Grade "A" License of Nova Scotia, or of having passed the Matriculation Examination of the Provincial Medical Board of Nova Scotia, shall be considered by this University sufficient evidence of satisfactory general education.

6. The Matriculation and Sessional Examinations of any chartered University or College; and also the preliminary Examination of any Medical Licensing Board in Her Majesty's dominions will be recognized *pro tanto*.

7. Candidates who may have passed in all subjects but one, either at the University or the Nova Scotia Medical Board Matriculation Examinations, may enter as undergraduates, and will be allowed after six months to pass a Supplementary Examination in the subject in which they previously failed.

§ LVIII.—Degree Examinations.—Candidates for the Degrees of M. D. and C. M. shall be required to pass two examinations—the Primary and Final M. D., C. M. examinations, and to have satisfied at the dates of the examinations certain conditions as to attendance on classes, etc.

§ LIX.—Primary M. D., C. M. Examination.—

1. Candidates for this examination shall be required to produce certificates to the following effect:—

(1.) Of having passed the Matriculation Examination, or other examination recognized as sufficient, at least two academic years previously, and of having completed their sixteenth year at the passing of said examination.

(2.) Of having, after passing the Matriculation or other equivalent examination, attended either in this University, in the Halifax Medical College, or in some other School of Medicine

approved by the Senate, two courses of 100 lectures each, in each of the following subjects, viz :—Anatomy, Chemistry, Materia Medica, and Physiology ; and two courses of instruction of the same duration in Practical Anatomy, in the course of which they shall have dissected the whole body (*i. e.*, the head and neck and upper and lower extremities) at least twice.

(3.) Of having, after passing the Matriculation Examination, attended either in this University, in the Halifax Medical College, or in some other University or College, approved by the Senate, one course of instruction of fifty lessons each, in each of the following subjects, viz., Botany and Practical Chemistry, and one course of twenty-five demonstrations in Histology.

(4.) Either of having, after passing the Matriculation Examination, attended at the Halifax Medical College or at some College approved by the Senate, one course of instruction of thirty lessons in Practical Dispensing, or of having after passing the Matriculation Examination, had three months' practice in the dispensing of drugs with a recognized apothecary or dispensing medical practitioner.

2. The Primary M. D., C. M. Examination will be held in the third week in April. Candidates are required to transmit the certificates specified above to the Secretary of the Faculty, at least fourteen days before the date of the Examination, to enter their names in the Register of Undergraduates of the University before the date of the examination, and to pay before the date of the examination one-half of the amount of the graduation fee.

3. Candidates may appear for examination in Botany, and Histology, one academic year after passing the Matriculation Examination, on presentation of the certificates specified above, so far as they apply to these subjects.

4. If so disposed, candidates may, at the end of their second year, elect to appear for examination in any two (but not less than two) or more of the remaining subjects of the Primary Examination, provided always that Chemistry shall be one of such elected subjects.

5. Candidates who appear for examination in Botany, etc., at the end of the first year, will be required to pay one-sixth of the amount of the graduation fee and the remainder of the half fee at their next examination in other Primary subjects. Should the candidate fail to pass in any subjects or subjects, the fee will not be returned to him, but he will be admitted to one subsequent Examination in such subject or subjects on payment of one-half the original fee.

§ LX.—Final M. D., C. M. Examination.—1. Candidates for this examination shall be required to furnish certificates to the following effect, viz:—

(1.) That they have completed their twenty-first year, or that they will have done so on or before the day of graduation. This certificate shall be signed by themselves, and shall be after the following form:—

HALIFAX, ———, 18—

I, the undersigned, being desirous of obtaining the Degrees of Doctor of Medicine and Mastery of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon or Apothecary. (Signed), A. B.

(2.) Of having passed the Primary M. D., C. M. Examination at this University, or of having subject to the regulations of § LVIII passed the same examination at the Halifax Medical College.

(3.) Of, after passing the Matriculation Examination, either (a) having attended during four academic years at least two courses of lectures per year in subjects of the Primary and Final M. D., C. M. Examinations, either in this University or at the Halifax Medical College, or at some other recognized Medical School; or (b) having spent one calendar year in the study of Medicine in the office or offices of one or more registered medical practitioners, and having attended during three academic years courses of lectures as above.

NOTE.—The following shall be the form of certificate required of students who may wish to constitute one “annus medicus” by studying with a physician:

I HEREBY certify that Mr. ———, of ———, studied medicine under my direction for a period of ——— months, viz., from ——— to ———, M. D., Preceptor.

The time included in the above certificate must in all cases be subsequent to the passing of a recognized Preliminary or Matriculation Examination.

Persons beginning the study of Medicine after Jan. 1st, 1892, shall not be allowed to constitute an *annus medicus* by studying in a physician's office, in all such cases at least four academic years will be required by this Faculty.

(4.) Of having, after passing the Matriculation Examination, attended at the Halifax Medical College, or at some other School of Medicine approved by the Senate, two courses of 100 lectures each, in each of the following subjects, viz:—Principles and Practice of Surgery, Obstetrics and Diseases of Women and Children, and Principles and Practice of Medicine; two

courses of lectures of fifty lectures each, in each of the following subjects, viz.:—Clinical Medicine and Clinical Surgery; one course of fifty lectures in Medical Jurisprudence, including Hygiene and Insanity, one course of at least 25 demonstrations in Pathology, and one course of at least 20 lectures in Ophthalmology, Otology and Laryngology.

(5.) Of having, after passing the Matriculation Examination, attended during one calendar year the practice of the Victoria General Hospital, or that of some other Hospital approved by the Senate, and of having attended during at least six months the practice of the Dispensary or of the out-patient department of a general hospital.

(6.) Of having, after passing the Matriculation Examination, attended for at least six months the practice of a lying-in hospital, approved by the Senate, or of having attended at least six cases of midwifery, under a recognized practitioner.

(7.) Of having, after passing the Matriculation Examination, obtained proficiency in the practice of Vaccination under a recognized practitioner.

2. Candidates will be required to pass written and oral examinations in the following subjects:—Principles and Practice of Medicine,* Obstetrics and Diseases of Women and Children, Principles and Practice of Surgery,† and Medical Jurisprudence, (including Hygiene and Insanity). In Medicine and Surgery there shall also be practical clinical examinations conducted at the bedside, cases being submitted for diagnosis and treatment.

3. The final M. D., C. M. Examination will be held in the third week in April. Candidates are required to transmit the certificates specified above to the Secretary of Faculty at least fourteen days before the date of the Examination, to enter their names in the register of under-graduates before the date of the examination, and to pay before the date of the examination, one-half of the amount of the graduation fee.

4. Candidates may appear for examination in Medical Jurisprudence (including Hygiene and Insanity) alone, three academic years after passing the Matriculation Examination, on presentation of the certificates specified above, so far as they apply to this subject.

5. Candidates who appear for examination in Medical Jurisprudence at the end of their 3rd year will be required to pay one-sixth of the amount of their graduation fee, and the remainder of the half at their final examination. Should the

*The Medicine Examination will include questions in Pathology and Bacteriology.

†The Surgery Examination will include questions in Ophthalmology, Otology, etc.

candidate fail to pass in any subject or subjects, the fee will not be returned to him, but he will be admitted to one subsequent examination in such subject or subjects, on payment of one-half the original fee.

§ **LXI.—Academic Costume, etc.**—1. Doctors of Medicine of this University shall be entitled to wear black stuff gowns and hoods. The hoods shall have a lining of scarlet silk bordered with white silk.

2. Successful candidates for this degree shall be required to appear at Convocation in academic costume to have the degree conferred upon them. Degrees shall not be conferred in the absence of the candidate, except by special permission of the Senate.

3. Before receiving his degree, the candidate will be required to sign the following oath or affirmation:—

SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis Dalhousianæ.

Ego, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omni grati animi officio erga Universitatem Dalhousianam ad extremam vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad potero, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

§ **LXII.—Fees.**—The following fees, payable by candidates for the degrees of M. D., C. M., are in all cases payable in advance:—

Registration Fee	\$ 2 00
Matriculation Examination Fee	10 00
Chemistry Class Fee	12 00
Chemistry Laboratory Fee	6 00
Botany Class Fee	6 00
Graduation Fee	30 00

Institutions.

THE UNIVERSITY LIBRARY.†

The General Library consists of nearly 4,000 volumes, selected to meet the wants especially of students of the Faculties of Arts and Science.

It contains the MACKENZIE COLLECTION of works on Mathematical and Physical Science, which was presented to the College by the relatives of the late Professor J. J. Mackenzie; and the ROBERT MORROW COLLECTION of works on Northern Antiquities and Languages, presented by Mrs. Robert Morrow.

During the past year, 350 volumes have been added to the Library. Special mention ought to be made of the Rev. Dr. Burn's handsome gift of 156 volumes, of which many, in particular a complete set of the early numbers of the *Edinburgh Review*, are of great value. The Deputy Minister of Justice, Mr. Robert Sedgewick, Q. C., has this year completed his presentation of the *Encyclopædia Britannica*. The fees derived from a course of lectures on Psychology for Teachers have also been formed into a fund for the purchase of works in Philosophy for the Library. The following have presented books to the Library during the past year:—President Forrest, 4; Prof. Macdonald, 10; Prof. Liechti, 6; Prof. MacGregor, 4; Prof. Seth, 8; Prof. A. Seth, 1; Major Egan, 1; J. W. Tupper, Esq., B. A., 3; Robert Sedgewick, Esq., Q. C., 1; George F. Johnson, Esq., 1; G. A. Cogswell, Esq., B. A., 1; Rev. Thomas Fowler, M. A., 1; Messrs. Macmillan & Co., 39; Alumni Association of Dalhousie College, 3; Editors of *Dalhousie Gazette*, 20; New York Mathematical Society, 1; U. S. National Museum, 1; U. S. Bureau of Education, 8; U. S. Naval Observatory, 4; The Geological and Natural History Survey of Canada, 4; Government of Manitoba, 2; Department of Railways, Ottawa, 1; Smithsonian Institution, 6; St. Louis Public Library, 1; N. S. Institute of Science, 7; N. S. Historical Society, 2; The Director of Public Gardens, Jamaica, 2; Royal Society of Canada, 1.

†The Provincial Legislative Library and the Citizens' Free Library being open to the public on the fulfilment of certain conditions, may also be used by students. For the Law Library see Faculty of Law. For Medical Library, see Calendar of Halifax Medical College.

Calendars, &c., have been presented by the following institutions:—Universities of Edinburgh, Aberdeen, St. Andrews, Glasgow, Univ. Coll. Bristol, Durham, Harvard, Johns Hopkins, Cornell, Victoria, Buenos Aires, Bryn Mawr, Hartford Theological Seminary, Vassar, Univ. of California, Columbian University, Colorado, Clark, McMaster, McGill, University of New Brunswick, Queen's, Toronto, Ottawa, Manitoba, Mt. Allison, Laval, Trinity, Ladies College, Halifax.

THE UNIVERSITY MUSEUM.

The Museum* consists chiefly of the THOMAS McCULLOCH and the PATTERSON COLLECTIONS.

The THOMAS McCULLOCH COLLECTION was presented to the University in 1844, by the Rev. William McCulloch, D. D., of Truro, with a fund of \$1400 for extending the collections. It formed the museum of Prof. Thomas McCulloch, who occupied the Chair of Natural Philosophy from 1863 to 1865. It contains a large and valuable collection of birds, especially of the native birds of the Maritime Provinces, many specimens of minerals, especially of Nova Scotian species, which are now being arranged systematically for convenience of study; also rock specimens, an ample set of Carboniferous fossils, chiefly Nova Scotian, and a collection of European Cretaceous fossils, Indian implements, shells of recent Mollusca, native plants, &c. These collections were made in part by Rev. Thomas McCulloch, D. D., the first President of the College. The McCulloch collection of birds has recently been increased by additions paid for out of the McCulloch Museum Fund.

The PATTERSON ARCHEOLOGICAL COLLECTION.—This collection of Indian Antiquities was made by Rev. George Patterson, D. D., while engaged during a number of years in researches regarding the history and modes of life of the aborigines of Nova Scotia. The collection was presented by him to the College in 1889, on the condition that the Governors should make suitable "provision for the preservation and exhibition of the same, in such a manner as is usual in well-managed museums." It is kept as a separate collection. It contains 288 specimens, separately catalogued, and is arranged conveniently for reference. About 250 of the specimens have been obtained in Nova Scotia; they represent the stone age of its aboriginal inhabitants, and form an almost complete representation of the articles usually found among the remains of the native races of North America.

*The Provincial Museum, in the New Provincial Building, Market Square, contains collections illustrating the Mineralogy, Geology and Zoology of the Province, and is open to the public daily; it may be conveniently used by Students.

There are also a number of similar articles from the United States, Scotland, the West Indies, and especially the New Hebrides. The classified catalogue of the collection, which is arranged according to the method adopted in the description of the archæological collections of the Smithsonian Institution, contains full particulars of the localities where the several specimens were obtained.

Donations of DRIED PLANTS from the Pacific Islands and Australia, have been made by Rev. Hugh Robertson and Rev. Joseph Annand, M. A., New Hebrides; and of Nova Scotian Plants by Mr. George G. Campbell, B. Sc., Truro.

A Collection of CARBONIFEROUS FOSSILS, from the coal measures at Spring Hill, has been presented by Mr. Swift, of the Spring Hill Mines, Cumberland County.

THE GYMNASIUM.

The Gymnasium is provided with apparatus which was purchased by funds contributed for the most part by former students.

Instruction is furnished by a competent Gymnast.

The following are the general regulations for the use of the Gymnasium:—

- (1.) All male students, graduates, and members of the Alumni Association shall, on paying the sessional fee, be entitled to the use of the Gymnasium.
- (2.) Students shall be entitled to instruction in gymnastics without the payment of any additional fee.
- (3.) Graduates and members of the Alumni Association shall be admitted to the classes, on payment of a fee of three dollars.

THE ALUMNI ASSOCIATION.

(Incorporated 1876.)

EXTRACT FROM THE LAWS.

1. The object of the Association shall be the promotion of the interests of the University.
2. The Association shall consist of Ordinary and Associate Members.

3. All Graduates of the University, all persons who during at least one academic year have been registered students either of Dalhousie College or of Colleges which have been merged in or united with Dalhousie College, and all other persons who have at any time been educated by means of the funds of Dalhousie College, shall be eligible for ordinary membership. But no persons other than graduates shall become members until three years have elapsed from the date of their first entering the College, except by special permission of the Executive.

4. Persons not eligible for membership under Section 3 may be elected Associate members.

OFFICERS.

<i>President</i>	J. A. SEDGEWICK, B. A., LL. B.
	{ HOWARD MURRAY, B. A.
	{ REV. A. ROGERS, B. A.
<i>Vice-Presidents</i>	{ G. G. PATTERSON, M. A., LL. B.
	{ JOHN MONTGOMERY, B. A.
	{ K. J. MARTIN, B. A.
<i>Secretary</i>	V. G. FRAZEE, B. A.
<i>Treasurer</i>	W. D. CAMERON.
	{ J. G. MACGREGOR, M. A., D. Sc.
	{ HUMPHREY MELLISH, B. A., LL. B.
<i>Executive Committee</i>	{ HECTOR MCINNES, LL. B.
	{ ALFRED COSTLEY, B. A.
	{ W. B. WALLACE, LL. B.

STUDENTS' SOCIETIES.

General Students' Meeting.

OFFICERS.

<i>President</i>	D. G. MACKAY, '93 (Arts.)
<i>Vice-Presidents</i>	{ C. M. WOODWORTH, '93, (Law.)
	{ F. E. RICE, '93, (Medicine.)
<i>Secretary</i>	J. D. MACKAY, '94, (Arts.)
	{ J. MONTGOMERY, (Law.)
<i>Executive Committee</i>	{ J. W. LOGAN, (Arts.)
	{ E. J. MEYER, (Medicine.)

This meeting is held regularly in November and February to conduct business in which all the students of the University are interested. Special meetings may be called by the President at any time.

The Dalhousie Gazette is published by the students of the University, under the authority of the General Students' Meeting. The Editors for 1892-93 are as follows:—Geo. E. Ross, Hedley Ross, Geo. Arthur, Hugh Fraser, Fred Yorston, H. Duchemin. Other Editors will be appointed at the beginning of the session by the students of the Faculties of Law and Medicine.

Arts Students' Meeting.

This meeting is held regularly in October and April to conduct business in which the Arts students alone are interested. Special meetings may be called at any time by the President.

OFFICERS.

<i>President</i>	J. W. LOGAN.
<i>Vice President</i>	D. M. ROBINSON.
<i>Secretary</i>	FRANK SIMPSON.
<i>Executive Committee</i>	{ A. W. MCKAY. H. DUCHEMIN. G. ROSS.

The Sodales Debating Club.

The Sodales Debating Club meets weekly during the session, subjects of general interest being discussed.

OFFICERS.

<i>President</i>	J. D. MCKAY.
<i>Vice-President</i>	FRANK SIMPSON.
<i>Secretary-Treasurer</i>	W. S. THOMPSON.
<i>Executive Committee</i>	{ J. MACKINTOSH. A. MARTIN. P. M. MACDONALD.

The Medical Debating Society.

Meetings of this Society are held weekly throughout the session. Topics of general interest are discussed, and papers on medical subjects are read by city doctors.

The Mock Parliament.

The Mock Parliament meets weekly. All students of the University are welcome, but only students in law are allowed to take part in the debates, which are mostly of a political nature, on questions of the day. It is conducted strictly in accordance with parliamentary procedure.

Young Men's Christian Association.

Meetings of the Association are held every Saturday evening at the College.

<i>President</i>	J. D. MCKAY, '94.
<i>Vice-President</i>	A. W. MCKAY, '94.
<i>Recording Secretary</i>	GEORGE ROSS, '93.
<i>Corresponding Secretary</i>	JOHN MCINTOSH, '94.
<i>Treasurer</i>	D. A. FRAME, '95.

The Moot Court.

The Moot Court is intended for law students only, so far as arguing is concerned. It is conducted as nearly as possible after the manner of the Supreme Courts, and all law students of second and third years standing are required to take part in at least one case during the session. (See Law Faculty.)

The Dalhousie Athletic Club.

<i>Honorary President</i>	DR. FORREST.
<i>President</i>	W. S. THOMPSON.
<i>Vice-President</i>	G. GORDON.
<i>Secretary</i>	J. W. LOGAN.
<i>Treasurer</i>	D. G. MACKAY.
<i>Executive Committee</i>	R. H. GRAHAM.
	J. G. FRASER.
	D. M. ROBINSON.
	ADAMS ARCHIBALD.
	H. PUTNAM.
	G. S. SHAW.

The Philomathic Society.

The objects of this Society are: (a) to stimulate interest in Literature, Science and Philosophy; (b) to encourage thorough study and independent investigation in special departments; (c) to give practice in the presentation of subjects, and in the experimental illustration of lectures; (d) to encourage the formation of collections in Botany, Zoology, Geology, Local History, &c. Meetings are held fortnightly during the College session.

University Lists.

DEGREES

Conferred April 26th, 1892.

BACHELOR OF ARTS.

ARCHIBALD, SARA ELIZABETH	Sherbrooke, N. S.
BAKIN, FRANK WRIGHT MUDGE.....	Digby, N. S.
CAMPBELL, ROBERT SEDGEWICK.....	Tatamagouche, N. S.
GRAHAM, ROBERT HENRY.....	New Glasgow, N. S.
GRATZ, HUMPHREY GILBERT	Sunbury Co., N. B.
HARRINGTON, EMILY BEVAN	Halifax, N. S.
HILL, ALBERT ROSS	Five Islands, N. S.
JOHNSON, GEORGE FULTON	Upper Stewiacke, N. S.
JOHNSON, JAMES BAYNE	Loch Broom, N. S.
MACDONALD, ALEXANDER JOHN.....	Malagawatch, C. B.
MACDONALD, ALVIN FRASER	Hopewell, N. S.
MCINTOSH, DONALD SUTHERLAND.....	Pleasant Bay, C. B.
MACINTOSH, JOHN ALEXANDER.....	Halifax, N. S.
MACKAY, MURDOCH SUTHERLAND	Cariboo River, N. S.
MCNEILL, RODERICK.....	St. Catherine's, P. E. I.
ROBERTSON, SAMUEL NAPIER.....	North Bedeque, P. E. I.
WEBSTER, KENNETH GRANT TREMAYNE	Yarmouth, N. S.
WESTON, CLARA PAINE	Charlton, Mass., U. S. A.
WESTON, ROLFE ANDREWS	Charlton, Mass., U. S. A.

MASTER OF ARTS.

BAXTER, AGNES SIME, B. A.....	Halifax, N. S.
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BACHELOR OF LETTERS.

FRASER, JAMES GORDON	New Glasgow, N. S.
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BACHELOR OF SCIENCE.

MCKEEN, GEORGE WILBERT.....	Baddeck, C. B.
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BACHELOR OF LAWS

BILL, EDWARD MANNING, B. A.	Billtown, N. S.
BLACKADAR, HUGH SAXON, B. A.....	Halifax, N. S.
CALDER, FREDERICK	West Bay, C. B.
CORBETT, JACOB EDWARD.	Folly Village, N. S.
DOCKRILL, GEORGE O'GORMAN MAHON..	New Westminster, B. C.
FRASER, ALEXANDER HUGH ROSS.....	Port Hood, C. B.

FULTON, EDGAR MELVILLE	Truro, N. S.
FULTON, WILLARD HILL, B. A.	Halifax, N. S.
JOHNSTONE, LEWIS MARTIN.	Halifax, N. S.
MCDONALD, LAUCHLIN XAVIER	Sydney, C. B.
MCKINNON, JOHN ARCHIBALD, B. A. . . .	Cow Bay, C. B.
MCLEAN, ALEXANDER KENNETH.	North Sydney, C. B.
MATHERS, FREDERIC FRANCIS	Halifax, N. S.
MORINE, ALFRED B.	St. John's, Nfd.
MURRAY, ROBERT GRAY	St. John, N. B.
SANGSTER, HERBERT WARREN, B. A. . .	Sackville, N. B.
SCHURMAN, GEORGE WELLINGTON, B. A. .	Freetown, P. E. I.
SMITH, BOWYER SYDNEY	St. John, N. B.
TRUEMAN, WALTER HARLEY ...	St. John, N. B.

DOCTOR OF MEDICINE AND MASTER IN SURGERY.

DRYSDALE, GEORGE NELSON	Windsor, N. S.
GRANT, WILLIAM	Boularderie, C. B.
IRWIN, ARCHER	Shelburne, N. S.
MCCHARLES, RODERICK WILLIAM.	Middle River, C. B.
TURNBULL, GEORGE DYKEMAN	Digby, N. S.
WOODWORTH, PERCY CHURCHILL	Kentville, N. S.

DOCTOR OF LAWS (*cavsa honoris.*)

VERY REV. PRINCIPAL G. M. GRANT, D.D.,	
F. R. S. C.	Kingston.
HON. SIR JOHN S. D. THOMPSON,	
K. C. M. G.	Ottawa.
ALEXANDER H. MCKAY, B. A., B. Sc.,	
F. R. S. C., Supt. of Education ...	Halifax.
EDWIN GILPIN, JR., M. A., F. G. S.,	
F. R. S. C., Inspector of Mines ...	Halifax.

GENERAL PASS LIST.

(Containing the names, alphabetically arranged, of undergraduates who have passed in all the subjects proper to their years.)

FACULTY OF ARTS.*For B. A. Degree.*

FOURTH YEAR.—Archibald, Sara E.; Bakin, F. W. M.; Campbell, R. S.; Graham, R. H.; Gratz, H. G.; Harrington, Emily B.; Hill, A. R.; Johnson, G. F.; Johnson, J. B.; Macdonald, A. F.; Macdonald, A. J.; McIntosh, D. S.; MacIntosh, J. A.; Mackay, M. S.; McNeill, R.; Robertson, S. N.; Webster, K. G. T.; Weston, Clara P.; Weston, R. A.

THIRD YEAR.—Annand, E. E.; Barnstead, A. S.; Finlayson, D.; Forbes, E. W.; Logan, J. W.; Martin, A.; Mackay, D. M.; McKay, T. C.; McLean, C. A.; Murray, Lucy C.; Robinson, D. M.; Ross, G. E.; Ross, H.; Thompson, W. S.

SECOND YEAR.—Bigelow, H. V.; Brehaut, E.; Fraser, H. M.; Gordon, A. M.; Grant, M. F.; Grant, M. D.; Gray, W. S.; Hebb, Bertha B.; Hobrecker, Clara C.; Johnson, E. W.; Macintosh, J.; Mackay, A. W.; Mackay, J. D.; McKenzie, Ellen M.; McPhee, Margaret; Putnam, J. F.; Ross, Mary S.; Simpson, F. S.; Smith, W. H.; Tattrie, G. P.; Woodman, W. Y.; Yorston, F.

FIRST YEAR.—Archibald, A. D.; Butler, G. K.; Cumming, Bessie A.; Doyle, J. J.; Duchemin, H. P.; Jordan, E. E.; Lawson, Thos.; Layton, J. S.; Macdonald, Blanche; Morton, R. T.; Robins, E. P.; Ross, Jennie W.; Stirling, J.

For B. L. Degree.

FOURTH YEAR.—Fraser, J. G.

FACULTY OF PURE AND APPLIED SCIENCE.

For B. Sc. Degree.

FOURTH YEAR.—McKeen, G. W.

THIRD YEAR.—Arthur, G.; O'Brien, R. F.

FACULTY OF LAW.

For LL. B. Degree.

THIRD YEAR.—Bill, E. M.; Blackadar, H. S.; Calder, F.; Corbett, J. E.; Dockrill, G. O'G. M.; Fraser, A. H. R.; Fulton, E. M.; Fulton, W. H.; Johnstone, L. M.; Mathers, F. F.; McDonald, L. X.; McKinnon, J. A.; McLean, A. K.; Morine, A. B.; Murray, R. G.; Sangster, H. W.; Schurman, G. W.; Smith, B. S.; True-man, W. H.

SECOND YEAR: Anderson, A. H.; Bennett, R. B.; Brown, H. W.; Cameron, D. A.; Graham, R. B.; Grierson, J. A.; March, S. E.; Montgomery, J.; Munro, H. H.; MacCoy, W. B.; Payzant, J. A.; Puddington, H. F.; Russell, J. W.; Stairs, H. B.; Tilley, L. P. D.; Woodworth, C. M.

FIRST YEAR.—Borden, H. C.; Hewson, E. E.; Hill, W. A. G.; Irving, R. A.; Payzant, W. L.; Robertson, S. G.

FACULTY OF MEDICINE.

Final M. D., C. M. Examination.

Drysdale, George Nelson; Grant, William; Irwin, Archer; McCharles, Roderick William; Turnbull, George Dykeman; Woodworth, Percy Churchill.

Primary M. D., C. M. Examination.

Byers, David Walter; Coady, Patrick; Cogswell, Wm. Forlong; Hamilton, Annie Isabel; McAulay, Murdoch William; McCharles, Roderick William; Rice, Frank Ernest.

HONOURS, MEDALS, Etc., 1891-92.

HONOURS.

ENGLISH AND ENGLISH HISTORY :—*First Rank*, K. G. T. Webster, Emily B. Harrington.

PHILOSOPHY :—*First Rank*, A. R. Hill, G. F. Johnson.

MATHEMATICS AND MATHEMATICAL PHYSICS :—*Second Rank*, F. W. M. Bakin, R. A. Weston, Clara P. Weston.

GENERAL DISTINCTION.

First Rank, Sara E. Archibald.

Second Rank, D. S. McIntosh, J. A. MacIntosh.

MEDAL.

GOVERNOR-GENERAL'S SILVER MEDAL : A. R. Hill.

SPECIAL PRIZES.

NORTH BRITISH SOCIETY BURSARY : E. Brehaut.

EVERY PRIZE : Sara E. Archibald.

WAVERLEY PRIZE : F. J. A. McKittrick.

EARLY ENGLISH TEXT SOCIETY'S PRIZE : Emily B. Harrington.

NEW SHAKSPEARE SOCIETY'S PRIZE : F. Yorston.

SENIOR MUNRO EXHIBITIONS.

- | | |
|-------------------|-------------------|
| (1) Logan, J. W. | (3) Ross, G. E. |
| (2) Forbes, E. W. | (4) Ross, Hedley. |

SENIOR MUNRO BURSARIES.

- | | |
|-------------------------|----------------------|
| (1) Martin, Albert | (4) Robinson, D. M. |
| (2) McKay, T. C. | (5) Barnstead, A. S. |
| (3) McDonald, Ida Grace | (6) Arthur, George. |

JUNIOR MUNRO EXHIBITIONS.

- | | |
|---------------------|-----------------------|
| (1) Ross, Jennie W. | (3) Duchemin, H. P. |
| (2) Butler, G. K. | (4) Dickson, Henry C. |
| | (5) Lawson, Thos. |

JUNIOR MUNRO BURSARIES.

- | | |
|---------------------|--------------------------|
| (1) Robins, E. P. | (6) Archibald, A. D. |
| (2) Hebb, Bertha B. | (7) Layton, Jas. S. |
| (3) Stirling, John | (8) Doyle, Jos. J. |
| (4) Hay, Emma | (9) Jordan, Ed. E. |
| (5) Woodman, W. Y. | (10) Macdonald, Blanche. |

EXAMINATIONS, 1891-92.

FACULTIES OF ARTS AND SCIENCE.

MATRICULATION EXAMINATION.

(The following list contains the names of those who either passed the Matriculation Examination, or were allowed to matriculate on report of the Examiners for Munro Bursaries. The names are in alphabetical order.)

FIRST YEAR.—Archibald, Adams Douglas; Bent, Tillie Agatha; Butler, George Killam; Crawford, James Andrew; Cumming, Bessie Arnot; Dickson, Henry Chase; Dyle, Joseph James; Duchemin, Henry Pope; Edwards, Alfred; Forrest, William Duff; Fraser, Daniel Alexander; Hay, Emma; Hebb, Bertha Boyd; Jordan, Edward Elliot; Lawson, Thomas; Layton, James Smith; Macdonald, Blanche; Morton, Rupert Freeman; Robins, Edwin Proctor; Ross, Jennie Wright; Stirling, John; Woodman, Walter Yewins.

SECOND YEAR.—Hebb, Bertha Boyd; Milligan, George Seaton; Smith, William Henry; Tattie, George Phillips; Woodman, Walter Yewins.

SUPPLEMENTARY EXAMINATIONS.

THIRD YEAR.—*Junior Physics*.—Logan, J. D.

SECOND YEAR.—*Greek*.—Annand, E. *Latin and Greek*.—Jamieson, Harriet. *Mathematics*.—McKeen, G. W.

FIRST YEAR.—*Chemistry and Mathematics*.—Macdonald, P. M.—*Chemistry and Algebra*.—McKay, Wm. P. *Chemistry*.—Murray, R. H.—*Mathematics*.—Smith, E. *Trigonometry*.—Martin, A.

DEGREE EXAMINATIONS.

CLASS LISTS.

(Containing the names, arranged in order of merit, of all students who have passed in the subjects of the various classes.)

GREEK.

FOURTH YEAR: *Class I*—None. *Class II*—McNeill, Rod.

THIRD YEAR: *Class I*—Logan, J. W.; Ross, Hedley; Forbes, E. W. *Class II*—None. *Passed*—Annand, Ed.; McLean, Chas. A.; Robinson, D. M.; Ross, George E.; Jamieson, Harriet.

SECOND YEAR: *Class I*—Brehaut, E.; (Gray, W. S.; Ross, Mary S.); Gordon, A. M. *Class II*—Fraser, Hugh; McKay, Angus. *Passed*—Grant, Melville; Bigelow, H. V.; (Hebb, Bertha; Putnam, J. F.); Archibald, A. D.; McPhee, Margaret; Tattie, G. P.; Grant, Milton; Macintosh, John; (Johnson, E. W.; Smith, W. H.); Simpson, F.; Woodman, W. Y.; (Macdonald, Peter; McKay, J. D.; Murray, R. H.); McKenzie, Ellen; Milligan, G. S.

FIRST YEAR: *Class I*—(Butler, G.; Duchemin, H. P.); Ross, Jennie. *Class II*—Doyle, J. J.; Stirling, John; Archibald, Adams; Layton, J. S.; Lawson, Th. *Passed*—Robins, Edwin; Macdonald, Blanche; Cumming, Bessie; Fraser, D. A.; Strathie, R. G.; Jordan, E. E.; Morton, Rupert; Bent, Tillie; Frame.

LATIN.

FOURTH YEAR: *Class I*—McNeill, Rod. *Passed*—Campbell, Robt.

THIRD YEAR: *Class I*—Logan, J. W. *Class II*—Martin, Albert; Forbes, E. W. *Passed*—Thompson, Willard; Finlayson, Duncan; McKay, D. G.; Putnam, Harry; Barnstead, A. S.; Keefer, R. T.

SECOND YEAR: *Class I*—Brehaut, E.; Gray, W. S.; Ross, Mary Sophia; Gordon, A. M. *Class II*—Grant, Melville; Bigelow, H. V.; Fraser, Hugh. *Passed*—Grant, Milton; McKay, Angus; Hobrecker, Clara; Putnam, J. F.; (Archibald, A. D.; Simpson, F.) Hebb, Bertha; McKay, J. D.; Tattie, G. P.; Milligan, G. S.; Dickson, Henry; (McKenzie, Ellen; McPhee, Margaret); (Murray, R. H.; Macintosh, John) Woodman, W. Y.; Smith, W. H.; Johnson, E. W.; Macdonald, Peter.

FIRST YEAR: *Class I*—Duchemin, H. P.; Ross, Jennie; Butler, G.; *Class II*—Jordan, E. E.; Lawson, T.; Macdonald, Blanche; (Cumming, Bessie; Stirling, John). *Passed*—Robins, Elwin; Fraser, Dan. A.; Archibald, Adams; Morton, Rupert; Layton, J. S.; Doyle, J. J.; Frame; Bent, Millie; Smith, Alex.; Strathie, R. G.

FRENCH.

THIRD CLASS: *Class II*—Liechti, Bertha. *Passed*—McNeill, Rod.

SECOND CLASS: *Class I*—Bakin, F. W. M.; McKittrick, F.; McIntosh, D. S.; Martin, A. J. *Passed*—Lange, Kristian; Johnson, J. B.; McKeen, G. W.; Yorston, Fred; Morris, C.

FIRST CLASS: *Class I*—Forbes, E. W. *Class II*—Hobrecker, Lottie A.; McLean, C. A. *Passed*—McKay, Wm. P.; Macdonald, Alex. J.; Shaw, George; Gunn, A. D.

GERMAN.

THIRD CLASS: *Class I*—Hobrecker, Clara; Liechti, Bertha. *Passed*—McNutt, Elvin; Fraser, J. G.

SECOND CLASS: *Class I*—Harrington, Emily B.; Archibald, Sarah E. *Class II*—Fraser, Thomas M. *Passed*—Hill, A. R.; Robertson, S. N.

FIRST CLASS: *Class I*—Hobrecker, Lottie A.; *Class II*—Ross, Hedley; O'Brien, R. F.; Forrest, Wm. D.; Lange, Kristian. *Passed*—Barnstead, A. S.; McKittrick, F.; Carrier, Frank; McKay, Wm. P.; Miller, J. D.

ENGLISH.

SENIOR ENGLISH. *Class I*—Ross, H.; Archibald, Miss S. E.; Harrington, Miss E. B.; McArthur, S. J.; Webster, K. G. T. *Class II*—Campbell, R. S.; Weston, Miss C. P.; Macdonald, A. F. *Passed*—Martin, A.; McDonald, I. G.; Logan, J. W.; Liechti, Miss B.; Muir, Miss E.; Putnam, H.; Putnam, Miss E. J.; Johnston, G. F.; Morris, C.

SECOND YEAR: *Class I*—Yorston, F.; McKay, A. W.; (McKay, J. D.; Simpson, F.) *Class II*—Gordon, A. M.; (McIntosh, J.; McPhee, Miss M.) Brehaut, E.; McKenzie, Miss E. M.; McDonald, P. M.; Milligan, G. S.; Ross, Miss M. S.; Fraser, H. M.; (Grant, M. F.; Fraser, T. M.) McKittrick, F. J. A.; Gray, W. S.; Hebb, Miss B. B. *Passed*—Murray, H. T.; (Grant, M. D.; Shaw, G.) McDonald, A. D.; Smith, W. H.; Dickson, H. C.; Jobb, F. L.; Bigelow, H. V.; Putnam, J.; Archibald, A. D.; Murray, R. H.; Woodman, W. Y.; McKay, W. P.; (Hill, Miss A.; Johnson, E. W.; McIntosh, C. D.); Hattie, J. H.; Crawford, J. A.; Tattie, G.

FIRST YEAR: *Class I*—Duchemin, H. P.; Butler, G. *Class II*—Ross, Miss J.; Cumming, Miss B. A.; Fraser, D. A.; Jordan, E. E.; (Robins, E. P.; Stirling, J.) Strathie, R. G.; Archibald, A. *Passed*—(Currier, F.; Lawson, T.; Layton) Miller, J. D.; Lange, K.; Macdonald, Miss B.; Forrest, W. D.; Fraser, A. L.; Morton, R. F.; Edwards, A. D.; Frame, D.; Smith, A.; Doyle, J. J.; Smith, E.; Hill, Miss A.; McNairn, W. W.; Hay, Miss E.; Hobrecker, Miss L.

HISTORY.

FOURTH YEAR: *Class I*—Archibald, S. E.; MacIntosh, J. A.; Campbell, R. S.; Webster, K. G. T. *Passed*—Putnam, E. J.; Graham, R. H.; Gratz, H. G.; McDonald, A. J.; McDonald, A. F.; Fraser, J. G.; Morrison, W. C.

THIRD YEAR: *Class I*—Ross, Geo. E.; Finlayson, D. C.; Robinson, D. M.; McKay, T. C. *Class II*—Jamieson, Harriet; Martin, A. J. *Passed*—Barnstead, A. S.; Putnam, Harold; Mitchell, G. F.; Forbes, E. W.; McDonald, Ida G.; Thompson, W. S.; McLean, C. A.; Keefer, R. T.; Annand, Edward; McArthur, S. J.; Kirk, J. H.; McDonald, A. J.; Hill, Amy; McDonald, A. D.; McKay, D. G.

POLITICAL ECONOMY.

Class I—Robertson, S. N.; Archibald, S. E.; Finlayson, D.; Weston, Rolfe. *Class II*—MacIntosh, D. S.; Johnstone, G. F.; Ross, Geo. E.; Murray, Lucy; Gratz, H. G.; Kirk, J. H.; Mitchell, G. F.; Morris, C. H. *Passed*—Thompson, W. S.; Shaw, G. S.; Putnam, H.; McDonald, A. J.

ADVANCED POLITICAL ECONOMY.

Class I—MacIntosh, J. A.; Graham, R. H. *Class II*—Putnam, Ella J.; Fraser, J. G.

SENIOR PHILOSOPHY.

Class I—(Hill, A. R.; Johnstone, G. F.) Logan, J. D. *Class II*—MacIntosh, J. A.; Robertson, S. N.; McArthur, S. J.; Archibald, Miss S. E.; Ross, G. E. *Passed*—(Murray, Miss L. C.; McDonald, Miss I. G.) Mitchell, G. F.; McKay, T. C.; Kirk, J. H.; Keefer, R. T.

JUNIOR PHILOSOPHY.

Class I—Gordon, A. M.; Brehaut, Ernest; Mackay, A. W.; MacIntosh, John; Grant, Melville F.; Hobrecker, Miss Clara. *Class II*—McPhee, Miss M.; Simpson, F. S.; Ross, Miss M. S.; Mackay, J. D.; (Gray, W. S.; Johnson, E. W.; Putnam, J. F.) Bigelow, H. V. *Passed*—(Fraser, Hugh M.; Smith, W. H.) Milligan, G. S.; (Tattie, G. P.; Yorston, F.) Dickson, H. C.; McKenzie, Miss E. N.; (Murray, H. T.; Woodman, W. Y.) Hebb, Miss Bertha B.; (Kirk, J. H.; Shaw, G. S.) (Jobb, F. L.; Macdonald, P. M.; MacIntosh, C. D.) (Morris, C. H.; Murray, R. H.) Grant, M. D.; (Macdonald, A. D.; McDonald, A. J.) Archibald, A. D.

ETHICS.

Class I—Logan, J. D.; MacIntosh, J. A. *Class II*—Murray, Miss L. C.; Gratz, H. G.; Macdonald, A. F. *Passed*—Macdonald, A. J.; Mackay, M. S.; Morrison, W. C.

MATHEMATICS.

SECOND YEAR: *Class I*—McKittrick, F. J.; Brehaut, E.; Ross, Mary S.; Grant, Melville F.; Gordon, A. M.; Dickson, H. C.; Mackay, A. W.; Mackay, J. D.; Tattrie, George. *Class II*—Fraser, H. M.; MacIntosh, J.; McPhee, Mar. J. *Passed*—Hobrecker, Clara C.; McKenzie, Ellen M.; Putnam, J. F.; Johnson, E. W.; Bigelow, H. V.; Woodman, W. Y.; Smith, W. H.; Hebb, Bertha B.; MacIntosh, Chas.; Gray, W. S.; Grant, Milton D.; Simpson, F.; Yorston, F.; Crawford, J. A. *Passed in Geometry*.—Archibald, Alex.; Macdonald, P.; Murray, R.

FIRST YEAR: *Class I*—Butler, G. K.; Robins, E. P.; Lawson, T.; Ross, Jennie W.; Macdonald, Blanche; Stirling, J.; Jordan, Ed. E.; Archibald, Ad. D. *Class II*—Cumming, Bessie A.; Duchemin, H. P.; Layton, J. S.; Fraser, D. A.; *Passed*—Morton, R. F.; Smith, Alex.; Fraser, A. L.; Frame, D.; McNairn, W.; Doyle, Joseph J.; Strathie, R. G.; Macdonald, N.; Miller, J. D.; Currier, Frank; Smith, Edwin; Edwards, Alf. D. *Passed in Geometry*—Astwood, J. B.; Forrest, W. D. *Passed in Algebra*—Lange, K. C. H.; Jobb, F. L.

PHYSICS.

SENIOR PHYSICS: *Class II*—Weston, R. A. *Passed*—Weston, Clara P.; Johnson, J. B.; Bakin, F. W. M.

JUNIOR PHYSICS: *Class I*—McKittrick, F. J. A. *Class II*—Ross, G. E.; McKay, T. C. *Passed*—Arthur, G.; McDonald, Ida G.; Forbes, E. W.; O'Brien, R. F.; McKay, D. M.; Martin, A.; Finlayson, D.; Robinson, D. M.; Putnam, H.; Mitchell, G. F.; McLean, C. A.; Murray, Lucy C.; Thompson, W. S.; McArthur, S. J.; Annand, E.; McKay, W. P.; Barnstead, A. S.; Jamieson, Harriet; Kirk, J. H.; MacDonald, A. D.

PRACTICAL PHYSICS: *Class I*—Weston, R. A. *Class II*—Johnson, J. B.; Arthur, G.

APPLIED MECHANICS: *Class II*—Johnson, J. B.

ORGANIC CHEMISTRY.

Class II—Gratz, H. G.; McIntosh, D. S.; Arthur, George; O'Brien, R. F. *Passed*—Robinson, David; Annand, Edward.

INORGANIC CHEMISTRY.

Class I—Robins, Edwin P.; Butler, George; Duchemin, H. P.; Macdonald, Blanche. *Class II*—Cumming, B. A.; Stirling, John; Doyle, J. J.; Ross, Jennie W. *Passed*—Miller, J. D.; Lawson, Thomas; Layton, J. S.; Currier, F. A.; Fraser, D. A.; Smith, Alex.; Strathie, R. G.; Forrest, W. D.; Jordan, Edward E.; Smith, Edwin; Maxwell, Ellen; Frame, D. A.; Gunn, A. D.; (Macdonald, N. H.; Lange, K.; Morton, R. F.)

PRACTICAL CHEMISTRY (ADVANCED COURSES).

Class I—McIntosh, D. S.; Gratz, H. G.; Arthur, George. *Class II*—Johnson, J. B.; McKeen, G. W.

PRACTICAL CHEMISTRY (SYSTEMATIC LABORATORY COURSE).

Class I—McIntosh, John A.; Hill, A. R.; McKay, T. C.; O'Brien, R. F.; Robinson, D. M.; McKay, D. G.; McLean, C. A.

BOTANY.

Class I—McIntosh, D. S. ; Gratz, H. G. *Class II*—Forrest, W. D. ; O'Brien, R. F. ; Graham, R. H. *Passed*—MacKay, M. S. ; MacKay, D. G.

ZOOLOGY.

Class I—Arthur, G. ; O'Brien, R. F. *Class II*—Morris, C. *Passed*—Annand, E.

ANATOMY.

Passed—McKeen, G. W.

HISTOLOGY.

Passed—McKeen, G. W.

PHYSIOLOGY.

Passed—McKeen, G. W.

FACULTY OF LAW.

DEGREE EXAMINATIONS.

(Containing the names arranged in the order of merit in the First and Second Class, and alphabetically in the Pass List, of students who have passed in the various subjects.)

PARTNERSHIP.

Class I—Bennett ; (Grierson ; Stairs) ; (Graham, R. B. ; Pudding; ton ; Montgomery ; Fulton, W. H.) ; Murray ; Thompson, W. E. *Class II*—(Johnson ; Dockrill ; Smith) ; (March, Schurman ; Fulton. E. M.) ; Mathers ; Blackadar ; (Anderson ; Russell). *Passed*—Bill, Brown ; Burns ; Calder ; Cameron ; Corbett ; Crowe ; Doyle ; Fraser ; Fulton, J. A. ; Kenny ; MacCoy ; Morine ; Munro ; McDonald ; McKinnon ; McLean ; Payzant, J. A. ; Sangster ; Tilley ; Trueman, Woodworth.

EQUITY (THIRD YEAR).

Class I—Schurman ; Dockrill ; Johnstone ; Fulton, W. H. ; Trueman ; Murray ; Smith. *Class II*—McKinnon ; Fraser ; Calder ; Mathers ; Bill ; Corbett. *Passed*—Blackadar ; Doyle ; Fulton, E. M. ; McDonald ; McLean ; Sangster.

CONSTITUTIONAL LAW.

Class I—Cameron ; Woodworth ; Puddington ; Graham, R. H. ; Graham, B. *Class II*—Bennett ; Russell ; MacCoy ; Munro ; Thompson, W. E. ; Brown ; March ; Payzant ; Morine. *Passed*—Anderson ; Campbell ; Fraser, J. G. ; Kenny ; Tilley.

CONSTITUTIONAL HISTORY.

Class I—Barnstead ; Finlayson ; Borden. *Class II*—Thompson, W. E. ; McDonald, A. F. ; Douglas ; Hewson ; Robertson ; Irving. *Passed*—Crowe ; Fraser, T. M. ; Hill ; Keefer ; Payzant, W. L. ; Thompson, W. S.

CRIMES.

Class I—Stairs ; Thompson, W. E. ; McDonald, A. F. ; McKinnon. *Class II*—Borden ; Hill. *Passed*—Fraser, T. M. ; Hewson ; Irving ; Payzant, W. L. ; Robertson.

INTERNATIONAL LAW.

Class I—Dockrill ; Schurman ; Fraser ; Mathers ; Johnstone. *Class II*—Trueman ; Fulton, W. H. ; Fulton, E. M. ; McKinnon ; Smith ; Bill. *Passed*—Blackadar ; Calder ; Corbett ; Doyle ; McLean ; McDonald, L. X. ; Morine ; Murray ; Sangster.

TORTS.

Class I—Grierson ; Hewson ; Montgomery ; Payzant, W. L.
Class II—Hill ; Stairs ; Borden. *Passed*—Irving ; Robertson ; McCart.

CONTRACTS.

Class I—Fraser, J. G. ; Graham, R. H. ; Robertson ; Borden.
Class II—Hewson ; Payzant. *Passed*—Campbell, Hill, Traing ;
 McDonald, A. F.

EQUITY (SECOND YEAR).

Class I—Rowlings ; Stairs ; Grierson ; Graham, R. B. ; Russell ;
 Montgomery ; Brown. *Class II*—Puddington ; Woodworth ; Munro ;
 March ; Anderson. *Passed*—Bennett ; Burns ; Cameron ; Crowe ;
 Fulton, J. A. ; Kenny ; MacCoy ; Payzant ; Tilley.

MARINE INSURANCE.

Class I—Schurman ; Johnstone ; Fulton, W. H. ; Trueman ; Casey ;
 Smith. *Class II*—Mathers ; Dockrill ; Sangster. *Passed*—Bill ;
 Blackadar ; Calder ; Cameron ; Corbett ; Fraser, A. H. ; Fulton, E.
 M. ; Grierson ; Hewson ; Hill ; Montgomery ; Morine ; Murray ;
 McDonald, L. X. ; McKinnon ; McLean ; Puddington ; Robertson.

CONFLICT OF LAWS.

Class I—Bennett ; Stairs ; Grierson ; Woodworth ; Cameron ;
 Puddington. *Class II*—Graham, R. B. ; Munro ; Payzant, J. A. ;
 Fulton, J. A. ; Rowlings ; Russell. *Passed*—Anderson ; Brown ;
 Burns ; MacCoy ; March ; Montgomery ; Tilley.

BILLS AND NOTES.

Class I—Schurman ; Johnstone ; Rowlings ; Bennett ; Fulton, W.
 H. ; Dockrill ; Smith ; Murray ; Trueman ; Thompson, W. E. ; Sangster ;
 Mathers ; March ; Puddington ; Calder. *Class II*—Fraser ; Fulton,
 E. M. ; Munro ; Blackadar ; Graham, R. B. ; Cameron ; Bill ; Mont-
 gomery ; Russell ; McKinnon ; Brown ; Woodworth. *Passed*—
 Anderson ; Burns ; Corbett ; Doyle ; Fulton, J. A. ; Grierson ; Kenny ;
 MacCoy ; MacDonald ; McLean ; Payzant, J. A. ; Stairs ; Tilley.

FACULTY OF MEDICINE.

DEGREE EXAMINATIONS.

PASS LISTS.

(Containing the names arranged in order of merit of all students who have passed
 in the various subjects.)

BOTANY.

Fales, Alonzo C. ; Morrison, M. D. ; Arthur, George ; Ross,
 Alexander ; Gibbons, Rand ; Slauenwhite, Stephen ; Bennett, George
 A. ; Farrell, Edward D.

HISTOLOGY.

Fales, Alonzo C. ; Cogswell, Wm. F. ; Dechman, Andrew A. ;
 Morrison, M. D. ; Arthur, George ; Ross, Alexander ; Grierson, Geo.
 T. ; Byers, David W. ; McAulay, M. W. ; Black, Bret ; Slauenwhite,
 Stephen ; Simpson, Henry O. ; McCharles, Roderick W. ; Brown
 Mattie W.

ANATOMY.

Hamilton, Annie Isabel ; Rice, Frank Ernest ; Cogswell, Wm. F. ;
Byers, David W. ; Coady, Patrick ; McAulay, Murdoch W.

PHYSIOLOGY.

Byers, David W. ; Cogswell, Wm. F. ; Hamilton, Annie Isabel ;
Grierson, Geo. T. ; Simpson, Henry O. ; McCharles, Roderick W. ;
Morrison, D. A. ; Fairbanks, Harry G.

CHEMISTRY.

Hamilton, Annie Isabel ; Simpson, Henry O. ; Cogswell, Wm. F. ;
Byers, David W. ; Murray, Geo.

PRACTICAL CHEMISTRY.

Hamilton, Annie Isabel ; Murray, George Wm. ; Dechman, Andrew
A. ; Ross, Alexander.

MATERIA MEDICA.

Hamilton, Annie Isabel ; Byers, David W. ; Fairbanks, Harry
Gray ; Cogswell, Wm. F. ; Simpson, Henry O. ; Grierson, George T.

SURGERY.

Drysdale, George N. ; Grant, William ; Turnbull, George D. ;
Woodworth, Percy C. ; Irwin, Archer ; McCharles, Roderick W.

MEDICINE.

Drysdale, George N. ; Grant, William ; Irwin, Archer ; McCharles,
Roderick W. ; Woodworth, Percy C. ; Turnbull, George D.

CLINICAL MEDICINE.

Drysdale, George N. ; Grant, Wm. ; McCharles, Roderick W.
Irwin, Archer ; Turnbull, George D. ; Woodworth, Percy C.

CLINICAL SURGERY.

Drysdale, George N. ; Grant, William ; Turnbull, George D. ;
Irwin, Archer ; Woodworth, Percy C. ; McCharles, Roderick W.

OBSTETRICS.

Drysdale, George N. ; Grant, William ; Turnbull, Geo. D. ; Irwin,
Archer ; McCharles, Roderick W. ; Woodworth, Percy C.

MEDICAL JURISPRUDENCE.

Turnbull, George D. ; Drysdale, George N. ; Irwin, Archer ; Rice,
Frank Ernest ; McAulay, M. W. ; Meyer, Edward J. ; Coady,
Patrick ; Fairbanks, Harry Gray ; McCharles, Roderick W.

GRADUATES OF THE UNIVERSITY.

N. B.—Degrees printed with the names have been obtained in other Universities.

Graduates are requested to notify the President of errors or omissions in the following list.

The signs and numbers prefixed in some cases to the names have the following significations:—

- ¹ Graduated with First Rank Honours in Classics.
- ² Graduated with Second Rank Honours in Classics.
- ³ Graduated with First Rank Honours in Latin and English.
- ⁴ Graduated with Second Rank Honours in Latin and English.
- ⁵ Graduated with First Rank Honours in Greek and English.
- ⁶ Graduated with Second Rank Honours in Greek and English.
- ⁷ Graduated with First Rank Honours in English and German.
- ⁸ Graduated with Second Rank Honours in English and German.
- ⁹ Graduated with First Rank Honours in English and English History.
- ¹⁰ Graduated with Second Rank Honours in English and English History.
- ¹¹ Graduated with First Rank Honours in Philosophy.
- ¹² Graduated with Second Rank Honours in Philosophy.
- ¹³ Graduated with First Rank Honours in Mathematics and Mathematical Physics.
- ¹⁴ Graduated with Second Rank Honours in Mathematics and Mathematical Physics.
- ¹⁵ Graduated with First Rank Honours in Experimental Physics and Chemistry.
- ¹⁶ Graduated with Second Rank Honours in Experimental Physics and Chemistry.
- ¹⁷ Graduated with General Distinction of the First Rank.
- ¹⁸ Graduated with General Distinction of the Second Rank.
- † Governor-General's Gold Medallist.
- ‡ Governor-General's Silver Medallist.
- § Sir William Young's Gold Medallist.
- * DeMill Gold Medallist.
- ¶ Mackenzie Gold Medallist.
- a* Sometime Munro Tutor in Mathematics.
- b* Sometime Munro Tutor in Classics.

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- †¹⁴ Adams, H. S., Jesuits' College, Montreal. B. A., 1884
 ‡¹ Aiton, W., Sussex, N. B. B. A., 1885
 Allan, Rev. John M., Edinburgh. B. A., 1873; M. A., 1876
 Allison, Edmund P., Halifax, N. S. B. A., 1889; LL. B., 1891
 Allison, Matthew G., Windsor, N. S. B. A., 1886
 Annand, Rev. Joseph, New Hebrides. B. A., 1869; M. A., 1872
 Archibald, Rev. F. W., *M.A., B.D., Ph.D.*, (obit). B. A., 1877
¹⁷ Archibald, Sara E., Sherbrooke. B. A., 1892
 Archibald, Rev. W. P., Cavendish, P. E. I. B. A., 1873; M. A., 1878
 Armstrong, B. H., Halifax LL. B., 1890
 Armstrong, E. H., Weymouth Bridge, N. S. LL. B., 1888
¹⁴ Bakin, F. W. M., Digby. B. A., 1892
 §¹⁸ Baxter, Agnes S., Halifax. B. A., 1891; M. A., 1892
 Bayne, Prof. H. A., *Ph. D., F. R. S. C.*, (obit.). B. A., 1869;
 M. A., 1872.

Bayne, Rev. S. E., Mabou	B. A., 1871
^{†2} Bell, F. H., Halifax	B. A., 1876
^{†2} Bell, J. A., Riverside, Cal.	B. A., 1883
Bennett, A. W., Hopewell, N. B.	LL. B., 1885
Bethune, J. L., Baddeck, C. B.	M. D., C. M., 1875
Bill, E. M., <i>B. A.</i> , Billtown, N. S.	LL. B., 1892
Blackadar, H. S., <i>B. A.</i> , Halifax	LL. B., 1892
Blanchard, C. W., Truro	B. A., 1880
Boak, H. W. C., Halifax	LL. B., 1885
Bowser, William J., Kingston, N. B.	LL. B., 1890
¹ Brehaut, J. W., Murray Harbor, P. E. I.	B. A., 1891
¹² Brown, Ernest N., Lower Newcastle, N. B.	B. A., 1889
Bruce, Rev. W. T., <i>M. D.</i> , Coldstream, Col. Co.	B. A., 1872
Bryden, Rev. C. W., Selkirk.	B. A., 1873
¹² Buchanan, James J., Sydney, C. B.	B. A., 1887
Burgess, Rev. J. C., Danville, Col., U. S. A.	B. A., 1867
¹⁴ Burkitt, Robert J., Athenry, Ireland.	B. A., 1889; M. A., 1890
Cahan, Charles H., <i>M. P. P.</i> , Halifax.	B. A., 1886; LL. B., 1890
Cairns, Rev. J. A., <i>M. A.</i> , Upper Musquodoboit.	B. A., 1878
Calder, Fred., West Bay, C. B.	LL. B., 1892
Calder, Rev. John, Springville, N. S.	B. A., 1886
Calkin, William S., Truro	B. A., 1887
Cameron, A. G., Newton, Guysborough Co.	B. Sc., 1882
¹⁰ Cameron, C. S., Halifax	B. A., 1879
[‡] Cameron, Rev. J. H., Bass River, N. B.	B. A., 1878
Cameron, William, Merigomish, N. S.	B. A., 1873
Cameron, Rev. J. J., Shakespere, Ont. B. A., 1868; M. A., 1871	
Campbell, Alexander J., Truro, N. S. B. A., 1886; LL. B., 1889	
Campbell, Alexander, Sydney, C. B.	LL. B., 1889
Campbell, D. A., Halifax, N. S.	M. D., C. M., 1874
Campbell, D. F., E. River, St. Mary's, N. S.	B. A., 1890
Campbell, George G., <i>M. D.</i> , Truro.	B. Sc., 1885
^{a8} ¹⁴ Campbell, George M., <i>M. D.</i> , Halifax, N. S.	B. A., 1882
Campbell, J. R., Jr., St. John, N. B.	LL. B., 1888
Campbell, R. S., Tatamagouche	B. A., 1892
Campbell, William R., Truro	B. A., 1887
Carmichael, J. M., New Glasgow, N. S.	B. A., 1872
Carr, Rev. A. F., Alberton, P. E. I.	B. A., 1868; M. A., 1871
Carson, Rev. G. S., Pictou, N. S.	B. A., 1882
Carter, Titus James, Andover, N. B.	LL. B., 1887
Carter, William D., Richibucto, N. B.	LL. B., 1886
Casey, C. E., <i>B. A.</i> , Amherst, N. S.	LL. B., 1892
Chambers, F. B., Truro	B. A., 1879
Chambers, R. E., Truro.	B. A., 1877
Chapman, A. E., Salisbury, N. B.	B. A., 1890
Chase, Rev. J. H., Onslow	B. A., 1866; M. A., 1869
Chisholm, Don., Antigonish	M. D., C. M., 1874
Chisholm, Joseph A., Halifax	LL. B., 1886
Christie, Rev. T. M., (obit.)	B. A., 1868

- Clarke, Daniel McD., West River, Pictou Co., N. S. B. A., 1888
 Cluney, Andrew, Halifax LL. B., 1887
¹⁰Coffin, Rev. Fulton J., Trinidad B. A., 1886
 Coffin, F. S., *M. A.* Mt. Stewart, P. E. I. B. A., 1885
^{*9}Coffin, Victor E., Mt. Stewart, P. E. I. B. A., 1887
 Cogswell, G. A., Port Williams, N. S. B. A., 1890
 Congdon, Frank H., Halifax LL. B., 1891
 Congdon, Fred. T., *LL.B.* (Toronto), Halifax, *ad eundem gradum*,
 LL. B., 1889.
²Coops, Frank H., Milton, Queen's Co., N. S. B. A., 1887
 Corbett, J. E., Folly Village, N. S. LL. B., 1892
 Costley, Alfred, Halifax B. A., 1881
 Cox, George H., Shelburne B. A., 1891
 Cox, Robinson, Stewiacke M. D., C. M., 1875
 Creelman, Rev. D. F., (obit.) B. A., 1873; M. A., 1880
⁺¹⁴Creelman, H. G., *B. Sc.*, Stewiacke, N. S. B. A., 1881
 Creighton, J. G. A., Montreal B. A., 1868
 Creighton, H. S., Dartmouth B. A., 1880
^{†11}Creighton, James E., Instructor Cornell Univ., Ithaca, N. Y.,
 B. A., 1887.
 Crowe, Walter, Sydney, C. B. LL. B., 1889
⁺¹⁰Crowell, Rev. Edwm, Yarmouth B. A., 1880; M. A., 1891
 Cumuings, Seldon W., *B. A.*, Truro, N. S. LL. B., 1889
 Cruikshank, Rev. W., *B. D.*, Montreal B. A., 1872
 Davidson, J. F., Pinos Altos, Grant Co., New Mexico B. A., 1882
 Davidson, James McG., Halifax B. A., 1889; LL. B., 1891
 DeWolf, G. H., Halifax M. D., C. M., 1872
 Dickie Alfred, Upper Stewiacke B. A., 1879; M. A., 1883
 Dickie, Henry, Upper Stewiacke B. A., 1883
 Dill, Rev. Edmund M., Parrsboro' B. A., 1884
 Dockrill, G. O. M., New Westminster, B. C. LL. B., 1892
 Doull, W. S., Halifax B. A., 1875; LL. B., 1885
 Drysdale, G. N., Windsor, N. S. M. D., C. M., 1892
 Duff, Kenneth, Lunenburg B. A., 1873
 Emmerson, R. R. J., (obit.) B. A., 1879
 Fairweather, F. L., Maitland LL. B., 1890
 Fairweather, Stewart L., St. John, N. B. B. A., 1891
 Fisher, J. M., Lower Stewiacke B. A., 1890
¹²Fitzpatrick, H. H. K., Spring Hill, N. S. B. A., 1885; M. A., 1888
 Fitzpatrick, Rev. James, Saltsprings B. A., 1875
 Forbes, Antoinette, Little Harbor, Pictou Co. B. A., 1887
 For. est, James, Halifax B. A., 1868; M. A., 1872
 Forsyth, George O., *B. A.*, Port Hawkesbury, C. B. LL. B., 1889
 Frame, J. F., Maitland LL. B., 1890
¹¹Fraser, Alex., West River, Pictou Co., N. S. B. A., 1889
 Fraser, A. H. R., Port Hood, C. B. LL. B., 1892
 Fraser, Hon. D. C., *M. P.*, New Glasgow, N. S. B. A., 1872
 Fraser, Rev. D. S., Springside, Col., U. S. A. B. A., 1874
 Fraser, Donald, Pictou B. A., 1877

- Fraser, J. G., New Glasgow, N. S. B. L., 1892
 Fraser, John K. G., Alberton, P. E. I. B. A., 1889
 †Fraser, Rev. W. M., Halifax. B.Sc., 1880 ; B. A., 1883
 Fraser, W. R., Wright High Sch., Baltimore, Md. B. A., 1882
 Frazee, Victor G., Halifax B. A., 1889
 Fulton, Eben, Middle Stewiacke. B. A., 1890
 *⁹Fulton, Edward, Lower Stewiacke, N. S. B. A., 1889
 Fulton, E. M., Truro, N. S. LL. B., 1892
 Fulton, G. H., *M. D., C. M.* B. A., 1876
 Fulton, W. H., Halifax B. A., 1888 ; LL. B., 1892
 *⁹Gammell, I., Montreal B. A., 1885
 †George, Rev. J. L., *M. A.* B. A., 1878
 Gilpin, E., Jr., *A. M., F. G. S., F. R. S. C.*, Inspector of Mines,
 Halifax (*causâ honoris*) LL. D., 1892
 Goodwin, Emily M., St. John, N. B. B. A., 1891
 Graham, R. H., New Glasgow, N. S. B. A., 1892
 Grant, David K., Riverton, Pictou Co. B. A., 1888 ; M. A., 1891
 Grant, Very Rev. G. M., *D. D., F. R. S. C.*, Principal Queen's Coll.,
 Kingston, Ont. (*causâ honoris*) LL. D., 1892
 Grant, Wm., Boularderie, C. B. M. D., C. M., 1892
 Grant, W. R., (obit.) B. A., 1877
 Gratz, H. G., Sunbury Co., N. B. B. A., 1892
 Gregory, E. C., Antigonish LL. B., 1888
 Grierson, John A., Kentville B. A., 1891
 Grierson, Robert, Halifax B. A., 1890
 Gunn, Rev. Adam, Kennetcook B. A., 1872
 Hamilton, C. A., Boylston M. D., C. M., 1891
 Hamilton, C. F., *B. A.*, North Sydney, C. B. LL. B., 1890
 Hamilton, H. H., Pictou B. A., 1877
 Hanright, Fred. W., *B. A.*, Windsor LL. B., 1887
⁹Harrington, Emily B., Halifax B. A., 1892
 Harvey, McLeod, Newport, N. S. B. A., 1889
 Henry, Joseph K., Shubenacadie, N. S. B. A., 1889
 Henry, William A., Halifax, N. S. LL. B., 1886
²Herdman, Rev. J. C., *B. D.*, Calgary, N. W. T. B. A., 1874 ;
 M. A., 1887.
 Herdman, W. C., Pictou B. A., 1874 ; M. A., 1881
 Herdman, A. W., Pictou B. A., 1887
 †¹¹Hill, A. R., Five Islands, N. S. B. A., 1892
 Hiltz, C. W., (obit.) M. D., C. M., 1862
 Howay, F. W., New Westminster, B. C. LL. B., 1890
 Huggins, W. H., St. John, N. B. LL. B., 1890
 †¹¹Hugh, David D., Murray Harbor, P. E. I. B. A., 1891
 Hunter, John, California B. A., 1873
 Irwin, Archer, Shelburne, N. S. M. D., C. M., 1892
 Ives, W. B., Pictou, N. S. LL. B., 1885
 Jennison, Hedley V., New Glasgow, N. S. LL. B., 1885
¹¹Johnson, George F., Upper Stewiacke, N. S. B. A., 1892
 Johnson, Rev. George M., (obit.) B. A., 1888

- Johnson, Isaac W., Tatamagouche M. D., C. M., 1891
 Johnson, J. B., Loch Broom, N. S. B. A., 1892
 Johnstone, L. M., Halifax, N. S. LL. B., 1892
 Jones, Frank, Digby B. A., 1884
 Jones, H. T., Halifax LL. B., 1888
¹²Jordan, Elijah J., Murray Harbor, P. E. I. B. A., 1891
 †Jordan, Rev. L. H., *B. D.*, Montreal.... B. A., 1875; M. A., 1878
 Kennedy, J. S., Port Philip, N. S. B. A., 1891
 Kent, H. V., Truro, N. S. M. D., C. M., 1890
 Kinsman, F. S., *M. D.*, Centreville. B. A., 1880
 Knowles, J. H., New Bedford, Mass. B. A., 1882
 Laird, Alex., Sunbury, Ont. B. A., 1890
 †Laird, A. G., Lecturer on Classics, Leland Stanford Univ., California, U. S. A. B. A., 1889
 Laird, G. A., Manitoba B. A., 1877
 Landells, R., Cedar Hill, B. C. B. A., 1882
 Lane, Charles W., Pictou LL. B., 1887
¹²Langille, R. M., Pictou B. A., 1885; M. A., 1888
 LeNoir, M. U., Halifax LL. B., 1885
 Lewis, Rev. Abner W., Chebogue, N. S. B. A., 1886
¹³Lewis, E. W., Moncton, N. B. B. A., 1890
 Lindsay, A. W. H., *M. B., C. M.*, Halifax B. A., 1870;
 M. D., C. M., 1875.
 Lippincott, Aubrey, *M. D.*, Pittsburg, Pa. B. A., 1867
 Locke, R. T., Lockeport B. A., 1885
 Logan, H. J., Amherst LL. B., 1891
 Logan, Melville, Halifax B. A., 1873
 Logan, Rev. Richmond, Santa Monica, Cal. B. A., 1877; M. A., 1880
 Lovett, Henry A., *B. A.*, Kentville, N. S. LL. B., 1889
 Lyons, William Alexander, Halifax LL. B., 1887
 McBride, Richard, New Westminster, B. C. LL. B., 1890
 McCharles, R. W., Middle River, C. B. M. D., C. M., 1892
 McColl, A., New Glasgow, N. S. B. Sc., 1883
 McCready, Charles A., Moncton, N. B. LL. B., 1888
 McCully, Frank A., *B. A.*, Sussex, N. B. LL. B., 1887
 McCurdy, J. F., Halifax B. A., 1891
 McCurdy, S. T., New Glasgow B. A., 1877
 Macdonald, A. F., Hopewell, N. S. B. A., 1892
 McDonald, A. J., *B. A.*, Little Glace Bay, C. B. LL. B., 1891
 Macdonald, A. J., Malagawatch, C. B. B. A., 1892
 Macdonald, C. D., Pictou B. A., 1873
 McDonald, Rev. Donald, *B. D.*, Port Hastings, C. B. B. A., 1884
 Macdonald, Ed. M., Pictou LL. B., 1887
 McDonald Joseph, North Sydney, C. B. LL. B., 1891
 †¹⁴Macdonald, J. A., Halifax B. A., 1883; LL. B., 1886
 McDonald, J. H., (obit.) B. A., 1867; M. A., 1870
 McDonald, L. X., Sydney, C. B. LL. B., 1892
 Macdonald, Robert J., Hopewell, N. S. B. A., 1889
 Macdonald, William, Pictou B. A., 1888

- McDonald, William. *B. A.*, Pictou..... *LL. B.*, 1890
 Macdonald, W. M., Halifax..... *B. A.*, 1888
 McDowell, Isaac, (obit.)..... *B. A.*, 1876
 MacGlashen, J. A., New Glasgow, N. S..... *B. A.*, 1891
 McGregor, Rev. Daniel, Amherst..... *B. A.*, 1874
 MacGregor, Prof. J. G., *D. Sc., F. R. SS. E. & C.*, Halifax. *B. A.*, 1871;
 M. A., 1874.
 14 MacGregor. T. S., Little Bras d'Or, C. B..... *B. A.*, 1882
 McInnes, Hector, Halifax..... *LL. B.*, 1888
 18 McIntosh, D. S., Pleasant Bay, C. B..... *B. A.*, 1892
 18 MacIntosh, J. A., Halifax..... *B. A.*, 1892
 Mackay, Adams A., *B. A.*, Halifax, N. S..... *LL. B.*, 1888
 14 Mackay, A. H., *B. Sc., F. R. S. C.*, Supt. of Education, Halifax,
B. A., 1873; (*causâ honoris*) *LL. D.*, 1892.
 16 McKay, D. O., Heathbell, Pictou Co..... *B. A.*, 1890
 ¶16 Mackay, Ebenezer, High School, New Glasgow, N. S. *B. A.*, 1886
 14 Mackay, H. M., Academy, Pictou, N. S..... *B. A.*, 1888
 McKay, Rev. Kenneth, Richmond, N. B..... *B. A.*, 1868
 Mackay, M. S., Carriboo River, N. S..... *B. A.*, 1892
 †16 Mackay, Neil F., Regina, N. W. T..... *B. A.*, 1886
 McKeen, G. W., Baddeck, C. B..... *B. Sc.*, 1892
 McKeen, Rev. J. A., Orono, Ont..... *B. A.*, 1873
 a§14 Mackenzie, A. S., Lecturer on Physics, Bryn Mawr College, Pa.
B. A., 1885.
 McKenzie, Hugh, Truro..... *B. A.*, 1872; *M. A.*, 1875
 Mackenzie, Prof. J. J., *Ph. D.*, (obit.)..... *B. A.*, 1869; *M. A.*, 1872
 McKenzie, Rev. James, Pugwash..... *B. A.*, 1878
 McKenzie, Rev. J. W., East St. Peter's, P. E. I..... *B. A.*, 1882
 McKenzie, William J., West Bay, C. B..... *B. A.*, 1888
 MacKinnon, Don. Alex., Georgetown, P. E. I..... *LL. B.*, 1887
 MacKinnon, J. A., Cow Bay, C. B..... *B. A.*, 1890; *LL. B.*, 1892
 Mackintosh, D. C., Springville, N. S..... *B. A.*, 1890
 † McKittrick, Burgess, Sydney, C. B..... *B. A.*, 1877
 McLatchy, Henry F., Hillsboro, N. B..... *LL. B.*, 1887
 McLean, A. K., N. Sydney, C. B..... *LL. B.*, 1892
 2 McLean, I. M., *M. D.*..... *B. A.*, 1879
 McLean, Rev. J. A., Harvey, N. B..... *B. A.*, 1876
 Maclean, J. B., Hopewell, N. S..... *B. A.*, 1891
 McLennan, Daniel, Port Hood, C. B..... *LL. B.*, 1888
 McLennan, J. W., *B. D.*, Sydney, C. B. *B. A.*, 1883; *M. A.*, 1887
 McLennan, S. J., Sydney, C. B..... *B. A.*, 1888
 McLeod, Rev. A. W., *Ph. D.*, Vale, Pictou Co. *B. A.*, 1875; *M. A.*, 1878
 22 MacLeod, Ambrose W., Dunstaffnage, P. E. I..... *B. A.*, 1888
 McLeod, Rev. Don., Priceville, Ont..... *B. A.*, 1874
 †5 MacLeod, F. J., Charlottetown Royalty, P. E. I..... *B. A.*, 1890
 9 MacLeod, George, Murray River, P. E. I..... *B. A.*, 1888
 McLeod, J. M., *M. A.*, Valleyfield, P. E. I..... *B. A.*, 1885
 MacLeod, Rev. J. W., (obit.)..... *B. A.*, 1876; *M. A.*, 1880
 †1 McLeod, J. P., Principal High School, Victoria, B. C. *B. A.*, 1884

- 1813 McLeod, Malco'm J., Belfast, P. E. I. B. A., 1887
 1814 McMillan, C. E., Whycomagh, C. B. B. A., 1891
 1815 McMillan, Finlay, Sheet Harbor, N. S. M. D., C. M., 1872
 1816 McMillan, F. A., Alberry Plains, P. E. I. B. A., 1891
 1817 † McMillan, Rev. G. W., Malpeque, P. E. I. B. A., 1875
 1818 McNaughton, Elizabeth, St. John, N. B. B. A., 1891
 1819 McNaughton, Rev. Samuel, Preston, G. B., B. A., 1867; M. A., 1870
 1820 McNeil, Alex., B. A., Port Hood, C. B. LL. B., 1891
 1821 McNeill, Albert H., Charlottetown, P. E. I. LL. B., 1889
 1822 † McNeill, Charlotte M., Ladies' College, Halifax B. A., 1887
 1823 McNeill, Rod., St. Catherines, P. E. I. B. A., 1892
 1824 McPhee, D. L., Little Bras d'Or, C. B. LL. B., 1890
 1825 Macrae, Alex. W., M. A., St. John, N. B. B. A., 1886
 1826 McRae, William, (obit.) M. D., C. M., 1872
 1827 Magee, Edgar A., Vancouver, B. C. LL. B., 1888
 1828 Magee, W. H., Cornell Univ., Ithaca, N. Y. B. A., 1891
 1829 † Martin, K. J., Charlottetown, P. E. I. B. A., 1885
 1830 Mason, Rev. W. A., Georgetown, P. E. I. B. A., 1877
 1831 Mathers, F. F., Halifax LL. B., 1892
 1832 Matheson, J. A., Halifax, N. S. B. A., 1888
 1833 Mellish, H., Charlottetown, P. E. I. B. A., 1882; LL. B., 1890
 1834 Millar, Rev. E. D., Yarmouth B. A., 1869
 1835 Millar, George, Tatamagouche B. A., 1890
 1836 Miller, J. J., Halifax B. Sc., 1885
 1837 Milliken, Albert E., Moncton, N. B. LL. B., 1886
 1838 Montgomery John, Dalhousie, N. B. B. L., 1891
 1839 Mooney, P. C. C., Halifax LL. B., 1886
 1840 † Moore, C. L., Salisbury, N. B. B. A., 1891
 1841 Moore, Edmund, Chatham M. D., C. M., 1872
 1842 Morash, A. V., Lunenburg B. A., 1891
 1843 Morine, A. B., St. Johns, Nfld LL. B., 1892
 1844 † Morrison, A. M., Dartmouth, N. S. B. A., 1888
 1845 Morrison, Aulay, New Westminster, B. C. LL. B., 1888
 1846 Morse, C., Ottawa LL. B., 1885
 1847 Morton, Joseph H., M. D., Shelburne B. A., 1876
 1848 † Morton, Silvanus A., Academy, Halifax, N. S. B. A., 1886
 1849 Muir, Ethel, Halifax B. L., 1891
 1850 Muir, W. H., *L. R. C. P. & S. Edin.*, Truro M. D., C. M., 1875
 1851 Munro, Christopher, Valleyfield, P. E. I. B. A., 1891
 1852 Munro, G. W., 17-27 Vandewater St., New York B. A., 1878
 1853 Munro, Rev. J. R., Antigonish, N. S. B. A., 1876
 1854 Murray, J. S., North Sydney, C. B. B. A., 1877
 1855 † Murray, Prof. D. A., Univ. of City of New York B. A., 1884
 1856 Murray, R. G., St. John, N. B. LL. B., 1892
 1857 Newcombe, E. L., LL. B., Halifax B. A., 1878; M. A., 1881
 1858 Newcombe, Margaret F., (Mrs. J. S. Trueman) B. A., 1885
 1859 † Nicholson, Alfred, M. A., Southport, P. E. I. B. A., 1886
 1860 Notting, Thomas, Truro LL. B., 1890
 1861 † Oliver, A. C. L., Digby B. A., 1891

- Oxley, C. H., *B. A.*, Oxford, N. S. LL. B., 1890
- ¹²Oxley, J. M., *LL. B.*, Ottawa B. A., 1874
- Paton, Vincent J., Halifax, N. S. B. A., 1889; LL. B., 1891
- Patterson, G. G., New Glasgow, B. A., 1882; M. A., 1887; LL. B., 1889
- Pitblado, Colin, *M. D., C. M.*, (obit.) B. A., 1876
- Pollok, A. W., (obit.) B. A., 1872
- Putnam, Homer, Lower Onslow, N. S. B. A., 1889
- Putnam, William G., Maitland B. A., 1887
- Rattee, E. J., Owen Sound B. A., 1890
- ^{§12}Reid, A. G., *M. B., C. M.*, Halifax B. Sc., 1883
- ¹¹Ritchie, Eliza, *Ph. D.*, Asso.-Prof. of Philosophy, Wellesley Coll.,
B. L., 1887.
- Robert, Cassimir, Arichat, C. B. M. D., C. M., 1875
- Roberts, J. A., Bridgewater LL. B., 1890
- Robertson, Henry McN., Barrington, N. S. LL. B., 1886
- Robertson, S. N., No. Bedeque, P. E. I. B. A., 1892
- Robertson, T. R., Annapolis, N. S. B. A., 1888; LL. B., 1890
- ¹¹Robinson, Alexander, Sussex, N. B. B. A., 1886
- ¹⁷Robinson, C. B., Pictou B. A., 1891
- ¹⁴Robinson, G. E., Charlottetown, P. E. I. B. A., 1886
- Robinson, Rev. J. M., Moncton B. A., 1873
- Rogers, Rev. Anderson, Yarmouth B. A., 1887
- Rogers, Henry W., Amherst LL. B., 1887
- Ross, Alexander, Dalhousie, N. B. B. A., 1867
- Ross, Henry T., *B. A.*, Bridgewater LL. B., 1889
- Ross, Rev. William, Prince William, N. B. B. A., 1873
- ¹⁴Rowlings, G. A. R., Musquedoboit Harbor B. A., 1890
- Ruggles, N. C., Halifax LL. B., 1891
- Russell, Rev. A. G., Oyster Bay, L. I., N. Y. B. A., 1871
- Russell, Joseph A., Vancouver; B. C. LL. B., 1887
- Sangster, H. W., *B. A.*, Sackville, N. B. LL. B., 1892
- ¹⁷Schurman, G. W., Freetown, P. E. I. B. A., 1890; LL. B., 1892
- Scott, Rev. Ephraim, Montreal B. A., 1872; M. A., 1875
- Scott, Rev. Prof. H. McD., *B. D.*, Chicago B. A., 1870
- Scott, J. McD., (obit.) B. A., 1877
- Sedgewick, J. A., Halifax B. A., 1881; LL. B., 1885
- Sedgewick, Robert, Q. C., Dep. Min. of Justice, Ottawa. B. A., 1867
- Shaw, A. E., *B. A.*, Avonport LL. B., 1891
- ¹⁰Shaw, Henry C., Stanhope, P. E. I. B. A., 1887
- ¹¹Shaw, James C., Stanhope, P. E. I. B. A., 1887
- Shaw, Robert, (obit.) B. A., 1866
- Simpson, Rev. Isaac, New York State, U. S. A. B. A., 1868
- Sinclair, J. A., St. John, N. B. LL. B., 1890
- Smith, Rev. D. H., Truro B. A., 1867; M. A., 1871
- Smith, Rev. Edwin, Stewiacke B. A., 1867
- Smith, E. B., Truro, N. S. B. A., 1890
- Smith, H. McN., Halifax B. Sc., 1884
- ¹⁰Smith, Rev. James F., *B. D.*, (obit.) B. A., 1886; M. A., 1890

- Smith, S. B., St. John, N. B. LL. B., 1892
 Smithers, Allan, Halifax, N. S. B. A., 1889
¹⁰Soloan, D. M., Pictou B. A., 1888
 Spencer, Rev. W. H., Montague, P. E. I. B. A., 1881
 Stairs, H. B., Halifax B. A., 1891
 Stevens, D. J., Halifax LL. B., 1890
 Stewart, Alexander F., Pictou B. A., 1887
¹⁴Stewart, Anne A., Pictou B. Sc., 1886
¹⁸Stewart, Dugald, Upper Musquodoboit, N. S. B. A., 1886
 Stewart, F. I., Charlottetown, P. E. I. B. A., 1889
^{†14}Stewart, J. McG., Pictou B. A., 1876
 Stewart, Rev. Thomas, *B. D.*, Sussex, N. B. B. A., 1882
 Stramberg, H. M., New Westminster, B. C. B. A., 1875
 Sutherland, Rev. J. M., Virden, Man. B. A., 1869
 Sutherland, Robt., (obit.) M. D., C. M., 1872
^{†9}Sutherland, J. S., St. James, Char. Co., N. B. B. A., 1888
 Taylor, W. B., (obit.) B. A., 1884
¹⁰Thompson, A. W., *M. A.*, Durham, Pictou Co. B. A., 1885
 Thompson, F. W., Merigomish B. A., 1891
 Thompson, Hon. Sir J. S. D., *K. C. M. G.*, Minister of Justice,
 Ottawa (*causâ honoris*), LL. D., 1892
 Thompson, Stanley R., Oxford, N. S. LL. B., 1886
 Thompson, A. E., Halifax B. A., 1880
 Thompson, Walter K., Halifax LL. B., 1887
 Thorburn, W. M., I. C. S., Madras Pres., India. B. A., 1870
 Tobin, Thomas F., Halifax, N. S. LL. B., 1889
 Torey, E. J., Windsor B. A., 1882
 Troop, Arthur G., *A. B.*, Dartmouth, N. S. LL. B., 1886
 Trueman, A. I., St. John, N. B. B. A., 1872; M. A., 1878
^{b†2}Trueman, Prof. J. S., (obit.) B. A., 1882
 Trueman, W. H., St. John, N. B. LL. B., 1892
 Tufts, Rev. W. M., *M. A.*, Bedeque, P. E. I. B. A., 1885
^{†9}Tupper, J. W., New Glasgow, N. S. B. A., 1891
 Turnbull, G. D., Digby, N. S. M. D., C. M., 1892
 Turner, D. F. D., London, G. B. B. A., 1884
^{†14}Waddell, Prof. John, *Ph. D.*, *D. Sc.*, Kingston, Ont. B. A., 1877
 Wallace, Rev. J., Lone City, Amadon Co., Cal. U. S. A. B. A., 1870
 Wallace, W. B., Halifax LL. B., 1885
 Walsh, Wm. W., Halifax LL. B., 1886
⁹Webster, K. G. T., Yarmouth, N. S. B. A., 1892
 Wells, Wm. W., Point de Bute, N. B. LL. B., 1886
 West, T. F., York, P. E. I. B. A., 1891
¹⁴Weston, Clara P., Charlton, Mass., U. S. A. B. A., 1892
¹⁴Weston, R. A., Charlton, Mass., U. S. A. B. A., 1892
 White, T. H., Shelburne LL. B., 1891
 Whitford, Joseph A., Bridgewater, N. S. LL. B., 1889
 Whitman, Alfred, Halifax B. A., 1878; LL. B., 1885
 Wickwire, H. H., *B. A.*, Canning, N. S. LL. B., 1891
 Woodworth, P. C., Kentville, N. S. M. D., C. M., 1892

STUDENTS, 1891-92.

FACULTY OF ARTS.

GRADUATE STUDENT—M. A. COURSE.

Baxter, Agnes Sime, B. A. Halifax.

UNDERGRADUATES.

In Arts.

FOURTH YEAR.

Archibald, Sara Elizabeth Sherbrooke.
 Bakin, Frank Wright Mudge Digby.
 Campbell, Robert Sedgewick Tatamagouche.
 Graham, Robert Henry New Glasgow, N. S.
 Gratz, Humphrey Gilbert Sunbury Co., N. B.
 Harrington, Emily Bevan Halifax.
 Hill, Albert Ross Five Islands.
 Johnson, George Fulton Upper Stewiacke.
 Johnson, James Bayne Loch Broom.
 Logan, John Daniel Pictou.
 Macdonald, Alexander John Malagawatch, C. B.
 Macdonald, Alvin Fraser Hopewell, N. S.
 McIntosh, Donald Sutherland Pleasant Bay, C. B.
 McIntosh, John Alexander Halifax.
 Mackay, Murdoch Sutherland Cariboo River.
 McNeill, Roderick St. Catherines, P. E. I.
 Morrison, William Chisholm Loch Lomond, C. B.
 Robertson, Samuel Napier N. Bedeque, P. E. I.
 Webster, Kenneth Grant Tremayne Yarmouth, N. S.
 Weston, Clara Paine Charlton, Mass., U. S. A.
 Weston, Rolph Andrews Charlton, Mass., U. S. A.

THIRD YEAR.

Annand, Edward Ernest Truro.
 Barnstead, Arthur Stanley Halifax.
 Douglas, Ernest Augustus Maitland.
 Finlayson, Duncan Grand River, C. B.
 Forbes, Edgar William Dartmouth.
 Jamieson, Harriet Halifax.
 Keefer, Ralph Tupper Bridgewater.
 Kellogg, Mary Helen Halifax.
 Logan, Jotham Wilbert Pictou.
 Martin, Albert Valleyfield, P. E. I.
 McArthur, Samuel Johnston Tyne Valley, P. E. I.
 McDonald, Ida Grace Sherbrooke.
 Mackay, Donald McGregor Lorne.

McKay, Thomas Calvin	Halifax.
McLean, Charles Archibald	Englishtown, C. B.
McNutt, Elvin	Halifax.
Murray, Lucy Christine	Studholm, N. B.
Robinson, David Magee	Sussex, N. B.
Ross, Hedley	Stanley Bridge.
Ross, George Edward	Newport, Hants.
Thompson, Willard Sutherland	New Glasgow.

SECOND YEAR.

Archibald, Alexander David	Valley Station.
Bigelow, Harry Veeder	Truro.
Brehaut, Ernest	Murray Harbor, P. E. I.
Dickson, Henry Chase	Onslow.
Fraser, Hugh McLeod	Pictou.
Gordon, Alexander MacLennan	Halifax.
Grant, Melville Finlay	Cow Bay, C. B.
Grant, Milton Daniel	Hopewell.
Gray, William Smith	Hopewell.
Hebb, Bertha Boyd	Bridgewater.
Hobrecker, Clara Charlotte	Halifax.
Johnson, Ebenezer William	Pembroke, Col. Co.
MacDonald, Alexander James	North Sydney.
MacDonald, Peter McLaren	Pictou.
MacIntosh, John	Malagawatch.
Mackay, Angus William	Grand River, N. S.
Mackay, John Daniel	Earlton.
McKenzie, Ellen Margaret	Stellarton.
McPhee, Margaret	South River, Antigonish.
Milligan, George Seaton	St. John.
Morris, Clarence Hamilton	Windsor.
Murray, Robert Harper	Halifax.
Putnam, James F.	Maitland.
Ross, Mary Sophia	N. Bedeque.
Simpson, Frank Stuart	Halifax.
Smith, William Henry	Piedmont Valley.
Tattie, George Phillips	River John.
Woodman, Walter Yewins	Digby.
Yorston, Frederick	Pictou.

FIRST YEAR.

Archibald, Adams Douglas	Halifax.
Bent, Tillie Agatha	Aylesford.
Butler, George Killam	Kelley's Cove, Yarmouth.
Cumming, Bessie Arnot	Westville.
Doyle, Joseph J.	Halifax.
Duchemin, Henry Pope	Charlottetown, P. E. I.
Edwards, Alfred D.	Halifax.
Hay, Emma	Vancouver, B. C.

Jordan, Edward Elliott	Bridgetown.
Lawson, Thomas	Berwick.
Layton, James Smith	Elmsdale.
Macdonald, Blanche	Hopewell.
Morton, Rupert Freeman	Milton, Queens.
Robins, Edward Proctor	Bedeque, P. E. I.
Ross, Jennie Wright	N. Bedeque.
Stirling, John	Clifton, P. E. I.

In Letters.

FOURTH YEAR.

Fraser, James Gordon	New Glasgow, N. S.
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SECOND YEAR.

McKay, William Park	Truro.
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GENERAL STUDENTS.

Archibald, Richmond	Truro.
Astwood, Joseph Benjamin	Bermuda.
Borden, Mrs. L.	Halifax.
Cameron, Miss B.	Halifax.
Creighton, Graham	West River, Pictou.
Crawford, James Andrew	Cardigan, P. E. I.
Currier, Frank A.	Upper Gagetown, N. B.
Dingwell, James Davidson	Bay Fortune, P. E. I.
Doull, Miss	Halifax.
Edwards, Lucy H.	Halifax.
Farrell, Miss M. A.	Halifax.
Fraser, Daniel A.	New Glasgow.
Frame, David A.	Shubenacadie.
Fraser, Alexander Louis	Blue Mountain.
Fraser, Thomas Munro	Hopewell.
Gordon, George Sinclair	Halifax.
Gunn, Alexander Donald	East River, St. Mary's.
Hattie, Joseph Howe	Caledonia.
Hening, Sarah C.	Halifax.
Hill, Amy	Halifax.
Hobrecker, Charlotte Adela	Halifax.
Howard, Clara F.	Halifax.
Irwin, Walter Daniel	Halifax.
Jobb, Frank L.	Great Village.
Kirk, Joseph Howe	Up. Cross Rds., St. Mary's.
Kennedy, W. T.	Halifax.
Laird, Alex., B. A.	Sunbury, Ont.
Lewis, Bessie	Central Onslow.
Lathern, Laura Alicia	Halifax.
Liechti, Bertha S.	Halifax.
McDonald, Alexander Donald	New Glasgow, P. E. I.
McDonald, Donald	Orwell, P. E. I.

McGlashen, J. A., B. A.	New Glasgow, N. S.
McIntosh, Charles Daniel	Sunny Brae.
Mackay, William Roderick	Springville.
McLean, J. B., B. A.	Hopewell, N. S.
MacMechan, Edith	Halifax.
McNairn, William Wallace	Buctouche, N. B.
McNeill, Malcolm	West River, P. E. I.
McNutt, Elvin	Halifax.
Maxwell, Ellen	Halifax.
Miller, James David	New Westminster.
Mitchell, George Fletcher	Canning.
Mosely, Edgar William	Sydney, C. B.
Muir, Miss E., B. L.	Halifax.
Munro, C., B. A.	Valleyfield, P. E. I.
Murray, Hazen Thomas	Belleisle, N. B.
Palmer, Jane Y.	Halifax.
Parsons, Mabel Helena	Halifax.
Pickering, Alexander	Halifax.
Putnam, Ella Jean	Fort Belcher.
Putnam, Harold	Lower Onslow.
Rindress, Horace	N. Sydney.
Regers, E. L.	Halifax.
Rogers, Florence	Halifax.
Shaw, George S.	St. John, N. B.
Shortt, Louise	Halifax.
Sinclair, Gracie Bell	Isaac's Harbor.
Smith, Alexander	Clydesdale, Antigonish.
Smith, Edwin	Merigomish.
Strathie, Ralph Grant	Harbor Grace, Nfld.
Thomson, ———	—————
Thompson, Albert Murray	Newport.

SPECIAL CLASS IN PSYCHOLOGY.

Sullivan, Miss M.	Halifax.
Flowers, Miss E. M.	"
Strattan, Miss B.	"
Sullivan, Miss S. J.	"
Caldwell, Miss K. S.	"
Mitchell, Miss A. J.	"
Adams, Miss E.	"
Grierson, Miss F.	"
Saunders, Miss A. C.	"
Arthur, George	Alberton, P. E. I.
Lawrence, S. H.	Halifax.
Laird, Alex., B. A.	Sunbury, Ont.
Metzler, Norbert	Halifax.
Gaul, R. E.	Halifax.
McKenzie, Miss A.	Dartmouth.
Jack, Miss Mary C.	"

Craig, I. C.	Dartmouth.
Jackson, Miss Minnie H.	"
Warner, Miss B.	Halifax.
McCurdy, Miss M. R.	"
Harriman, Mrs. S. S.	"
Hamilton, Miss M. A.	Dartmouth.
Fearon, J.	Halifax.
O'Hearn, P.	"
Coleman, W. A.	"
Fletcher, Miss K.	"
Willis, Mrs. E. J.	"
Shine, M.	"
Philp, Miss M. E. L.	"
Theakston, Miss H. S. F.	"
Creighton, G.	"
Somers, Miss B. B.	"
MacGregor, Miss M. C.	"
Cunningham, Miss A. M.	"
Moody, Miss H. T.	"
Merlin, Miss L. C.	"
Hills, Miss F. N.	"
Coleman, Mrs. H. E.	"
Torey, Miss E. C.	"
Pitts, Miss Aggie.	"
Muldowney, Miss M. A.	"
Flavin, Miss M. M.	"
Murphy, Miss M.	"
Devine, Miss M. E.	"
Laracy, Miss A. X.	"
Miller, Miss C. J.	"
Grierson, Miss M. H.	"
Johnston, Miss A. M.	"
Elsdon, Miss E.	"
Noble, Miss L. E.	"
Allen, Miss Olga.	Dartmouth.
Bell, Miss Mary.	"
Scarfe, Miss Marion.	"
Bond, Miss E.	Halifax.
Holloway, Miss M. A. S.	"
Lawrence, B.	"
Allen, Miss L.	Dartmouth.
DeWolfe, Miss Ettie.	"
Mahoney, Miss L.	"
Flowers, Miss H. L.	Halifax.
McCurdy, Miss J. F.	"
McLean, J. B., B. A.	Hopewell.
Munro, C., B. A.	Valleyfield.
Murray, Principal H., B. A.	Halifax.
Outhit, J. F.	"

Ross, E. J.	Richmond.
Waddell, Miss Mary	Dartmouth.
McGlashen, J. A., B. A.	New Glasgow.
Millar, George, B. A.	Tatamagouche.
McLean, A. K.	Halifax.
Sutherland, J. S., B. A.	St. James, N. B.
Thompson, F. W.	Merigomish.
Putnam, Miss A. F.	Halifax.
Roberts, Miss	"
Fletcher, E. P.	"
Walsh, J. L.	"
James, Miss C. A.	"
Curren, Miss E.	"
Allison, Miss E.	"
Bowden, Miss M.	"
O'Donoghue, Miss M. T. T.	"
Sullivan, Miss M. T. R.	"
McArthur, Miss J. A.	"
Hamilton, Miss H. H.	Richmond.
McKay, Miss M. A.	Dartmouth.
Stenhouse, Miss A.	"
Bateman, Miss.	Halifax.
Berchmans, Sister M.	"
Xavier, Sister M.	"
DeChantal, Sister M.	"
Dolorosa, Sister M.	"
Borgia, Sister M.	"
Vincentia, Sister M.	"
Christina, Sister M.	"
Mary, Sister.	"
Berchmans, Sister Maria.	"
Vincentine, Sister M.	"
Frederica, Sister M.	"
Helena, Sister M.	"
Felix, Sister M.	"
Leo, Sister M.	"
Frances, Sister Maria.	"
Florence, Sister M.	"
Raphael, Sister M.	"
Aquinas, Sister M.	"
Dominic, Sister M.	"
Cyril, Sister M.	"
Gualbert, Sister M.	"
Baptist, Sister J.	"
Borgia, Sister Frances.	"
Aloysia, Sister M.	"
Aloysius, Sister M.	"
Perpetua, Sister M.	"
Evaristus, Sister M.	"
Angela, Sister M.	"

FACULTY OF PURE AND APPLIED SCIENCE.

UNDERGRADUATES.

FOURTH YEAR.

McKeen, George Wilbert Baddeck, C. B.

THIRD YEAR.

Arthur, George Alberton.
 Locke, Thomas Johnson, A. B. Lockeport.
 O'Brien, Robert Faulkner Noel, Hants Co.

FIRST YEAR.

Forrest, William Duff Halifax.
 Lange, Kristian Christoph Andrew "
 Overy, John Frederic Pottinger "

GENERAL STUDENTS.

Johnson, James Bayne Loch Broom.
 Macdonald, Newman Hall Sherbrooke.
 McKittrick, Frederick James Alexander Kentville.
 O'Hearn, Peter Halifax.
 Shine, Michael "

EVENING CLASS IN INDUSTRIAL CHEMISTRY.††

Brimms, Robert, Brewer Halifax.
 Burns, John E., City Water Inspector "
 Davidson, E., Metal Worker, Plumber, &c. "
 *Dodd, Maynard, Asst. Electrician S. S. "Minia" "
 Fairgrieve, Robert S., Brewer "
 Frame, S. R., Book-keeper "
 Gaul, R. E., Teacher, St. Mary's School "

†† This class was commenced in the autumn of 1890, and continued during the past two sessions. In Session 1890-91, the exercises consisted of a two hours' lecture, with demonstrations, twice a week (Tuesdays and Fridays), which embraced the subject of Inorganic Chemistry, so far as regards Nomenclature, Notation, General Principles, and the more important Non-Metallic and Metallic Elements, and their compounds.

During the second session of the Course, (1891-2,) the students undertook a course of Systematic Testing for Bases and Acids, and exercises connected therewith, devoting two hours each evening (Tuesdays and Fridays) to the work in the Chemical Laboratory. In addition to the systematic course of Practical Chemistry, several of those who attended engaged in special determinations, as indicated in the foot-notes to the class list, and, towards the close, a few lectures were given on the principles of Organic Chemistry, with special regard to the Carbohydrates, and the changes which they undergo in the germination of grain and other seeds, and during the processes of Malting, Brewing, &c.

During the session of 1892-3, it is intended that each student shall undertake a special course of analytical work connected with the particular industry in which he may be engaged, or otherwise interested.

Certificates of attendance are given, certifying the amount of attendance and extent of work done.

At the close of Session 1892-93 Examination Papers will be set upon the work of the three years.

A Lecture and Discussion Club has been formed by the class, and meets occasionally in the College, on evenings not occupied by the regular Course of Instruction.

* Partial course for special work, viz.: Analysis of Samples of Deep Sea Mud from banks lying to the westward of the Irish Coast, in regard to their action on submarine cables.

†Gordon, William, Distiller	Halifax.
Mott, William Anderson, Soap Maker	“
McCowan, Alex., Cooper (McDougall's Distillery)	“
Reardon, Thomas, Painter	“
Sandberg, John, Brewer	“
Webster, William, Painter	“
‡West, Charles W., Consulting Engineer	“
Wilson, John A., Clerk, Sugar Refinery	“

FACULTY OF LAW.

UNDERGRADUATES.

THIRD YEAR.

Bill, Edward Manning, B. A.	Billtown.
Blackadar, Hugh Saxon, B. A.	Halifax.
Calder, Frederick	West Bay, C. B.
Casey, Clarence Edward, B. A.	Amherst, N. S.
Corbett, Jacob Edward	Folly Village.
Dockrill, George O'Gorman Mahon.	New Westminster, B. C.
Doyle, Matthew Nicholas	Halifax.
Fraser, Alexander Hugh Rose	Port Hood, C. B.
Fulton, Edgar Melville	Truro.
Fulton, Willard Hill, B. A.	Halifax.
Howatt, Cornelius Alfred.	Summerside, P. E. I.
Johnstone, Lewis Martin	Halifax.
Mathers, Frederick Francis	Halifax.
McDonald, Lauchlin Xavier	Sydney, C. B.
McKinnon, John Archibald, B. A.	Cow Bay, C. B.
McLean, Alexander Kenneth	North Sydney, C. B.
Morine, Alfred Bishop	St. John's, Newfoundland.
Murray, Robert Gray	St. John, N. B.
Sangster, Herbert Warren, B. A.	Sackville, N. B.
Schurman, George Wellington, B. A.	Freetown, P. E. I.
Smith, Bowyer Sidney	St. John, N. B.
Trueman, Walter Harley	St. John, N. B.

SECOND YEAR.

Anderson, Albert Hudson, B. A.	Lunenburg.
Bennett, Richard B.	Hopewell, N. B.
Brown, Harry Whidden, B. A.	Wolfville.
Burns, Clement Bancroft, B. A.	Halifax.
Cameron, Daniel Alexander	South Sydney.
Crowe, Robert William, A. B.	Halifax.
Fulton, Joseph Avarad	Lower Stewiacke.
Graham, Blackwood	Brookfield.
Grierson, John Arthur, B. A.	Kentville.

† Additional work: Examination of Starch under action of Diastase; modes of testing extent of progressive changes during malting, fermentation, &c.

‡ Additional work: Wet assay of Alloys.

Kenny, Joseph Burke	Halifax.
March, Stephen Edgar	Bridgewater.
Montgomery, John, B. L.	Dalhousie, N. B.
Munro, Henry Havelock	Yarmouth.
MacCoy, Wensley Blackall, B. A.	Halifax.
Payzant, John Albert, B. A.	Halifax.
Puddington, Henry F.	St. John, N. B.
Rowlings, George A. R., B. A.	Musquodoboit Harbor.
Russell, Frank Weldon	Dartmouth.
Stairs, Henry Bertram, B. A.	Halifax.
Thompson, William Ernest	Halifax.
Tilley, Leonard P. D.	St. John, N. B.
Woodworth, Charles Milton, B. A.	Weston.

FIRST YEAR.

Borden, Henry Clifford	Canning.
Hewson, Edgar Ellis, B. A.	Oxford.
Hill, William Arthur Gesner	Sydney, C. B.
Irving, Robert Archibald	Richibucto, N. B.
McCart, Leander David, B. A.	Lower Economy.
Payzant, William Lewis, B. A.	Halifax.
Robertson, Struan Gordon, B. A.	Hopewell.
Snyder, William Henry	Berwick.

GENERAL STUDENTS.

Allison, Edmund Powell, B. A., LL. B.	Halifax.
Barnstead, Arthur Stanley	Halifax.
Campbell, Robert Sedgewick	Tatamagouche.
Congdon, Frank Hinkle, LL. B.	Dartmouth.
Creelman, William Albert	Halifax.
Douglas, Ernest Augustus	Maitland.
Finlayson, Duncan	Grand River, C. B.
Fraser, Thomas Munro	Hopewell.
Fraser, James Gordon	New Glasgow.
Graham, Robert Henry	New Glasgow.
Hannington, Robert Wetmore	Dorchester, N. B.
Keefer, Ralph Tupper	Bridgewater.
Macdonald, Alvin Fraser	Hopewell.
Paton, Vincent J., B. A., LL. B.	Halifax.
Thompson, Willard Sutherland	New Glasgow.

FACULTY OF MEDICINE.

UNDERGRADUATES.

FOURTH YEAR.

Drysdale, George Nelson	Windsor.
Grant, William	Boularderie.
Irwin, Archer	Shelburne.
McCharles, Roderick William	Middle River, Vict., C. B.

Turnbull, George Dykeman Digby.
 Woodworth, Percy Churchill Kentville.
 Fairbanks, Henry Gray Halifax.

THIRD YEAR.

Byers, David Walter New Annan.
 Coady, Patrick Margaree Forks, C. B.
 McAulay, Murdoch Wm. Grand River, C. B.
 Meyer, Edward James Halifax.
 Morrison, Daniel Allan Loch Lomond, C. B.
 Rice, Frank Ernest Digby.

SECOND YEAR.

Arthur, George Alberton, P. E. I.
 Bennett, George Arlington Halifax.
 Cogswell, William Forlong Port Williams, Kings Co.
 Dechman, Andrew Arthur Sherbrooke.
 Grierson, George Toney Kentville.
 Hamilton, Annie Isabel Halifax.
 McKay, Katherine Johanna Plainfield.
 Murray, George William Halifax.
 Simpson, Henry Osmond Dartmouth.

FIRST YEAR.

Black, Bret Windsor.
 Brown, Martha Wyman Yarmouth.
 Fales, Alonzo Cartland Middleton.
 Farrell, Edward Dominick Halifax.
 Forrest, William Duff Halifax.
 Gibbons, Rand Ingram River.
 Gouthro, Henry Peter North Sydney, C. B.
 Gratz, Humphrey Gilbert Sunbury, N. B.
 Holmes, Percy Augustus Parrsboro.
 McKean, George Wm. Baddeck.
 Monroe, Cranswick Burton River John, Pictou.
 Moore, Ernest Fraser Halifax.
 Morrison, Allan Englishtown, Vict., C. B.
 Morrison, Murdoch Daniel " "
 Murphy, George Nelson Windsor.
 O'Brien, Robert Faulkner Noel.
 Ross, Alexander North Earltown.
 Slauenwhite, Stephen Conquerall Bank.

GENERAL STUDENT.

Irwin, Walter Daniel Halifax.

TIME TABLE—FACULTY OF LAW.

<i>Hours.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>
9 to 10		Const. History.		Const. History.	
10 to 11	Constitutional Law.			Constitutional Law.	International Law.
11 to 12.....	Shipping.	Conflict of Laws.	Sales. Crimes.		Equity.
12 to 1			Contracts.		Contracts.
4.30 to 5.30.	Real Property.			Evidence.	Torts.
8 to 9.....		Marine Insurance.			

