



DALHOUSIE COLLEGE

AND

UNIVERSITY.

HALIFAX, NOVA SCOTIA.

1897-98.



HALIFAX.

PRINTED FOR THE UNIVERSITY BY THE NOVA SCOTIA PRINTING CO.

1897.

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TIME TABLE—FACULTIES OF ARTS AND SCIENCE.

Years. Hours.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.
First Year.	9 Jan. Chem.	Greek	Jan. Chem.	Greek.	Jan. Chem.
	10 Latin.	Mathematics	Latin.	Mathematics	Latin.
	11 Mathematics.	12 Romanian.	Mathematics.	12 English.	Mathematics.
	12 2d German.	English.	2d German.	2d French.	2d German.
Second Year.	9 1d German.	2d French.	1st German.	1st French.	1st German.
	10 2d French.	Sen. Chem.	Junior Phil.	2d French.	Jun. Physics.
	11 Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics.
	12 Latin.	Greek.	Latin.	Greek.	Latin.
Third Year.	9 1st German.	2d French.	1st German.	2d French.	1st German.
	10 Sen. Physics.	Adv. Classics.	Sen. Physics.	Sen. Chem.	Sen. Physics.
	11 History.	App. Botany.	History.	App. Botany.	History.
	12 Latin.	Adv. Math.	Latin.	Adv. Math.	Latin.
Fourth Year.	9 1st German.	2d French.	1st German.	2d French.	1st German.
	10 Mar. Phil.	Adv. Phil.	T. L. Educ.	Adv. Phil.	Mar. Phil.
	11 2d German.	Sen. Chem.	2d German.	Sen. Chem.	2d German.
	12 Senior Phil.	Adv. Classics.	Senior Phil.	Adv. Classics.	Senior Phil.
	9 Sen. Physics.	App. Botany.	Sen. Physics.	App. Botany.	Sen. Physics.
	10 Adv. Mat. Phy.	History.	Adv. Mat. Phy.	History.	Adv. Mat. Phy.
	11 Latin.	Greek (2d yr.)	Latin.	Greek (2d yr.)	Latin.
	12 Adv. Math.	Adv. Math.	Adv. Math.	Adv. Math.	Adv. Math.
	9 2d German.	2d French.	2d German.	2d French.	2d German.
	10 Mar. Phil.	Adv. Phil.	The. Educ.	Adv. Phil.	Mar. Phil.
	11 2d German.	Sen. Chem.	2d German.	Sen. Chem.	2d German.
	12 Senior Phil.	Adv. Classics.	Senior Phil.	Adv. Classics.	Senior Phil.

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

CALENDAR

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UNIVERSITY ALMANAC, 1897-98.

1897.

- Aug. 25, M.—Last day for receiving notices of Supplementary and Matriculation Examinations (Faculty of Law).
- 30, M.—Last day for receiving notice of Supplementary Examinations (Medical Faculty).
- 31, Tu.—Session (Law Faculty) begins.—10 a.m., Registration and payment of class fees (Law Faculty)—3 p.m., Supplementary Examinations (Law Faculty).
- Sept. 1, W.—Lectures (Law Faculty) begin.
- 2, F.—Meeting of Senate, 11 a.m.
- 3, " —Meeting of Faculty of Arts, 11 a.m.
- 4, M.—Last day for giving notice of Supplementary and Special Examinations (Arts and Science Faculties).
- 7, Tu.—3 p.m., Registration of Candidates for Matriculation and Scholarship Examinations (Arts and Science Faculties).
- 8, W.—Session (Arts and Science Faculties) begins.—Examinations begin for Junior and Senior Matriculation (Arts and Science Faculties), and for Young and Professor's Scholarships, Mackenzie Bursary.—8.45 a.m., Latin, 3 p.m., Greek.
- 9, Th.—Meeting of Faculty of Law, 1.30 p.m.
- 10, " —Arts and Science Matriculation and Scholarship Examinations continued.
- 11 a.m., Geometry, 3 p.m., Arithmetic and Algebra.
- 16, F.— 10 a.m., History and Geography, 3 p.m., English.
- 17, Sa.— 10 a.m., French, 3 p.m., German.
- 17, M.— 10 a.m., Chemistry, 3 p.m., Botany.
- " —Supplementary Examinations (Arts, Science and Medical Faculties) begin, 10 a.m.
- 18, W.—Meetings of Faculties of Arts and Science, 9 a.m.
- " —CONVOCATION, 3 p.m.
- 18, 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).
- " —Last day for receiving applications for Matriculation Examination (Provincial Medical Board).
- 20, M.—Estimation as to elective subjects to be made by undergraduates of 3rd and 4th years. (Arts Faculty) on or before this day.
- 30, Th.—Matriculation Examinations (Prov. Med. Board) begin at 3 a.m. at Medical College.
- Oct. 4, M.—Results Matriculation Examination (Prov. Med. Board) declared and certificates issued.
- " —Registration and payment of Class Fees (Medical Faculty) 11 a.m.
- 6, W.—Lectures begin (Medical Faculty).
- 7, Th.—Meeting of Faculty of Law, 1.30 p.m.

- Oct. 15, Th.—Meeting of Faculties of Arts and Science, 1 P. M.
 16, F.—Lectures as to residence and church attendance to be made on or before this day.
- Nov. 4, Th.—Meeting of Faculty of Law, 4.30 P. M.
 —, Th.—Thanksgiving Day.—No lectures.
 —, F.—George Munro Day.—No lectures.
- Dec. 3, Th.—Meeting of Faculty of Law, 4.30 P. M.
 18, W.—Last day of lectures (Arts and Science Faculties).
 17, Th.—Christmas Examinations (Arts and Science Faculties) begin:
 8.45 A. M., Latin.
 11.15 A. M., French.
 3.00 P. M., History.
 18, Sa.—10.00 A. M., Junior Philosophy, Senior Physics.
 3.00 P. M., Junior Physics.
 20, M.—9.00 A. M., German.
 11.15 A. M., Mathematics (1st and 2nd years).
 3.00 P. M., English (1st year), Moral Philosophy.
 21, Tu.—9.00 A. M., Political Economy.
 11.15 A. M., English (2nd, 3rd and 4th years).
 3.00 P. M., Chemistry, Senior Philosophy.
 21, Tu.—Last day of lectures (Medical Faculty).
 22, W.—9.00 A. M., Greek.
 11.15 A. M., History (4th year).
 3.00 P. M., Mathematics (1st and 2nd years), History (2d year), Applied Mechanics.
 23, Th.—No lectures.—Christmas Vacation begins.

1898.

- Jan. 5, W.—Lectures resumed (Faculties of Law and Medicine).
 6, Th.—Lectures resumed (Faculties of Arts and Science).
 —, —.—Meeting of Faculty of Law, 4.30 P. M.
 28, F.—Meeting of Senate, 4 P. M.
- Feb. 3, Th.—Meeting of Faculty of Law, 4.30 P. M.
 11, F.—Last day of lectures (Law Faculty).
 12, S.—Sessional Examinations (Law Faculty) begin:
 10.00 A. M., Equity.
 14, M.—10.00 A. M., Constitutional History, International Law.
 3.00 P. M., Constitutional Law.
 15, Tu.—10.00 A. M., Halls and Notes.
 3.00 P. M., Crimes.
 16, W.—10.00 A. M., Real Property (Advanced).
 3.00 P. M., Torts.
 17, Th.—10.00 A. M., Partnership and Companies.
 3.00 P. M., Real Property (1st year).
 18, F.—10.00 A. M., Contracts; Conflict of Laws.
 19, S.—10.00 A. M., Procedure.
 3.00 P. M., Shipping.
 23, W.—Ash Wednesday.—No lectures.
- March 1, M.—Last day for receiving M. A. Thesis.
 April 4, M.—Last day for receiving applications for Primary and Final M. D., C. M. Examinations.
 7, Th.—Last day of lectures (Faculty of Medicine).
 8, F.—Good Friday.—No lectures.
 11, M.—Class certificates (Medical Faculty and Halifax Medical College) issued on presentation of class fee receipts at Registrar's office, Dalhousie College, 11 A. M., and at Secretary's office, Halifax Medical College, respectively.

- April 13, W.—Primary and Final M. D., C. M. Examinations begin:
 10 A. M.—1 P. M., Practical Chemistry (written).
 3—4 P. M., Junior Anatomy, Materia Medica and Therapeutics, Surgery.
 15, F.—10 A. M.—1 P. M., Junior Chemistry and Senior Chemistry.
 3—4 P. M., Medical Jurisprudence and Hygiene, Medicine.
 16, Sa.—3—4 P. M., Senior Anatomy, Pathology.
 18, M.—9 A. M., Practical Chemistry (Laboratory), 1st division.
 1.30 P. M., " " " " " " 2nd " "
 3—4 P. M., Histology, Obstetrics.
 19, Tu.—3—4 P. M., Oral Exams., Senior Chemistry, Medical Jurisprudence and Hygiene, Materia Medica and Therapeutics.
 Clinical Medicine at Victoria General Hospital.
 20, W.—3—4 P. M., Botany, Physiology.
 Clinical Surgery at Victoria General Hospital.
 21, Th.—3—4 P. M., Oral Exams., Anatomy, Pathology, Medicine.
 22, F.—3—4 P. M., Oral Exams., Physiology including Histology, Surgery, Obstetrics and Diseases of Women and Children.
 22, F.—Meeting of Faculty of Medicine, 8 P. M.
 23, Sa.—Meeting of Faculties of Arts and Science, 10 A. M.
 25, M.—Meeting of Senate 10 A. M.—Results of Examinations (Faculties of Arts, Science and Medicine) declared.
 26, Tu.—CONTINUATION, 3 P. M.

N. B.—The dates of the examinations, and the date of the closing of lectures, in the Arts and Science Faculties, will be announced during the Session.—The dates of the Medical Examinations are liable to change as circumstances may demand.

HISTORICAL SKETCH.

Dalhousie College was founded by the Right Honourable George Ramsay, Ninth 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 1814 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 expense 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 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, B. 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 1842 President McCulloch died; and in 1843, 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 some steps for rendering the institution useful and efficient as to His Excellency may see fit." This Board, from 1849 to 1850, 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 26th 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 founders, 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 Honourable William Young, the Honourable Joseph Howe, Charles Tupper, S. Leonard Shosson, 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 recommendation of the remaining members thereof by the Governor-in-Council; and any of the Governors shall be removed 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 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 by-laws for the regulation and management thereof, and shall assemble together so 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 by-laws.

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

7. The internal regulations 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 payment 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 college, teachers 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 principle 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 consistent 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 27 of the Acts of 1863, entitled, "An Act for the regulation and support of Dalhousie College," is amended by adding the words "and governance" 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 the 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 professorship as may after the passing of this Act be founded by virtue of said section 2 and 3."

In pursuance of the Act of 1868 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. On the death of Principal Ross in 1883, and Professor Lyall in 1890, the Presbyterian Church withdrew the two Professorships they had previously supported.

In 1868, a Faculty of Medicine was organized, which, in 1875, developed into the Halifax Medical College. In 1883 the Faculty was re-organized.

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

In 1870, the late GEORGE MUNRO, 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 1882 he added to the staff of the College a Professor of Constitutional and International Law. In 1884 he founded a Professorship of Philology. From 1883 till 1890 he provided Tutors in Classics and Mathematics. From 1889 to 1894 he provided the University with Exhibitions and Bursaries, to the amount of \$83,148.00, which, according to his own desire, were 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 came 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 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 PHILOLOGY, respectively.

In 1882, 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 to be called College as they may deem proper; but this bequest is made upon these conditions, 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 accretions 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, the late 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 \$4,000, 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 \$4,000 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 \$25,000 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 by them to aid in the erecti- 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 1857, 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 ELEANOR MACKENZIE, or MACKENZIE, 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 JONAS P. MERR, 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 at Fund:—
Hon. Sir William Young, W. J. Stairs, Esq., Hon. Stanley Brown, John Gibson, Esq., John P. Meit, Esq., Wm. F. West, Esq., Thos

A. Ritchie, Esq. and Hon. Robert Brook, \$1,000 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, \$1,000; John Dwell, John S. McLean, R. Sedgwick, \$750 each; Thomas Bayne, John McNab, Adam Burns, Hon. R. Brook, Dr. Avey, \$500 each; President Forrest \$75; James Forrest, \$500; 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. Soutar, Rev. John McMillan Wm. Robertson, J. C. Mackintosh, H. Mc.D. Henry, John Y. Payzant, Pearson, Morrison & Forbes, \$150 each; J. J. Stewart, \$20; Rev. E. Scott, Peter Ross, H. W. C. Cook, Pictou Academy, \$100 each; Wm. R. Wallace Arthur Drysdale, E. L. Newcombe, Alfred Costley, H. W. Barnes, Hugh McKenzie, \$75 each; W. C. Silver, Graham Fraser, \$50 each; E. McKay, \$50; J. M. Stewart, \$25; Rev. A. Falconer, \$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:—

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(*McLeod Professorship.*)

Professor.....HOWARD MURRAY, B. A.

First Year Latin Class.

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

Subjects of study:

Cicero, Orations against Catiline; Virgil, Aeneid, Book VI; Sallust, Conspiracy of Catiline. Latin Prose Composition. Exercises in Sight Translation. Roman History to the battle of Actium.

Books recommended: Cicero, Orations against Catiline, (Wilkins's, Macmillan, N. Y., 60 cents, Virgil, Aeneid, Book VI, (Page's, Macmillan, N. Y., 40 cents, Sallust, Conspiracy of Catiline, (Turner's, Longmans, N. Y., 40 cents, Bradley's Annual's Latin Prose Composition, Smith's Swallow's History of Rome, (Harper's, N. Y.), Bennett's Latin Grammar, (Allyn & Bacon, Boston, 80 cents, or Allen and Greenough's, (Ginn, Boston, \$1.25.

*For private reading by students seeking First or Second Class Distinction.

Passages for translation at sight will be set in all examinations.

Second Year Latin Class.

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

Subjects of study :

Livy, Book I, Chapters I—XL; Horace, *Odes*, Books I and II; *Horace, *Odes*, Books III and IV, Latin Prose Composition, Exercises in Sight Translation. Grecian History to the death of Alexander.

Books recommended: Livy, Book I, (Stephenson's containing vocabulary and notes), Macmillan, N. Y., 40 cents; or *Livy's* text with indicated quantities, Allyn & Bacon, Boston, 25 cents. Rolfe's text is recommended for use in class. Horace, *Odes*, (Page's, in Macmillan's Classical Series, each book 20 cents, or Books I—IV, in one volume, \$4.25. Bradley's Arnold's Latin Prose Composition, Smith's *Smaller History of Greece*, (Barnes, N. Y.).

Third and Fourth Years Latin Class.

Mondays and Wednesdays, 12 M.—1 P. M.

Subjects of study :

Plautus, *Trinummus*; Juvenal, *Selected Satires*; Tacitus, *Germania*. *Virgil, *Bucolics*, and Books II and III of the *Georgics*, Latin Prose Composition, Exercises in Sight Translation.

Books recommended: Plautus *Trinummus*, (Frostman & Stearns's, Macmillan, 75 cents), Juvenal, (Hardy's, Macmillan, \$1.25), Tacitus, *Germania*, (Church & Brodribb's, Macmillan, 55 cents), Virgil, *Bucolics and Georgics*, (Papillon & Haigh's, Macmillan, 90 cents).

First Year Greek Class.

Tuesdays and Thursdays, 10—11 A. M.

Subjects of study :

Xenophon, *Hellenica*, Books I and II; *Xenophon, *Cyropaedia*, Book I. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Xenophon, *Hellenica*, Books I and II, (Underhill's, Macmillan, 75 cents), Xenophon, *Cyropaedia*, Book I, (Burg's, Macmillan, 30 cents), Fletcher and Nicholson's *Greek Prose Composition*, Sonnenschein's *Greek Exercises*, (published by Swan, Sonnenschein & Co., London, E.), or Goodwin's *Greek Grammar*, (Ginn & Co., Boston, \$1.90).

Second Year Greek Class.

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

Subjects of study :

Homer, *Odyssey*, Book IX; *Lysias, *Orationes*, (selected), *Demosthenes, *Olynthiaces*. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Homer, *Odyssey*, Book IX, (Edward's, Macmillan, 40 cents), Lysias, *Selected Orationes*, (Bristol's, Allyn & Bacon, Boston, \$1.45), Demosthenes, *Olynthiaces*, (Abbott & MacLennan's, Macmillan, N. Y., 75 cents), Fletcher and Nicholson's *Greek Prose Composition*.

*For private reading by students seeking First or Second Class Distinction. Passages for translation at sight will be set in all examinations.

Third and Fourth Years Greek Class.

Tuesdays and Thursdays, 12 M.—1 P. M.

Subjects of study :

Plato, *Apology and Crito*; Aristophanes, *The Clouds*; *Herodotus, Book VI. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Plato, *Apology and Crito*, (Warner's, Geo. Bell & Sons, London, 2s. 6d.), Aristophanes, *The Clouds*, (Herry's, Macmillan, 75 cents), Herodotus, Book VI, (Strachan's, Macmillan, \$1.90).

Advanced Class.

Professor.....HOWARD MURRAY, B. A.

Lecturer.....J. W. LOGAN, B. A.

Three or four times a week.

In this class a portion of the Latin and Greek subjects prescribed for the Special Course in Classics is read, and Prose Composition is regularly practised.

II.—MODERN LANGUAGES.

(McLeod Professorship.)

Professor.....JAMES LECHEVI, M. A.

First French Class.

Tuesdays and Thursdays, 3—4 P. M.

Subjects of study :

Macmillan's *Progressive French Reader*, II year, (Fasnacht), Molière; *Le Bourgeois Gentilhomme*, (Macmillan & Co.), Scribe; *Bataille de Dames* (Macmillan & Co.), Exercises in Grammar and Composition.

Additional for a First-Class position: Saintine, *Pierciola*, First 10 chapters; or Scribe; *Bertrand et Rubean*, Acts I and II; or Octave Feuillet; *Le Roman d'un jeune homme pauvre*, First nine chapters.

Text Books: Inset'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.

For 1897-98, Molière; *Les Précieuses Ridicules*. Racine; *Athalie*, (Macmillan & Co.), Corneille; *Cinna*, Translation from English writers, Exercises in Syntax, Translation of unspecified passages from modern authors. French Composition.

Molière's *Misanthrope* (Macmillan & Co.), and either Madame de Staël's *L'Allemagne*, First 20 chapters, or Molière's *Bourgeois*

*For private reading by students seeking First or Second Class Distinction. Passages for translation at sight will be set in all examinations.

Gentilhomme, 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 (Masson's) Primer.

For 1808-09. Molière: *L'Avare*, Racine: *Esther*, Ponsard: *Charlotte Corlay*, or *L'Honneur et l'Argent*, Macmillan & Co.). Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors. French Composition by C. H. Graudignt (D. C. Heath & Co., Boston).

Third and Fourth French Classes.

Tuesdays and Thursdays, 9-10 A. M.

Subjects of study:

For 1807-08. Corneille: *Horace*. Racine: *Phèdre*, Molière: *Le Mâlein malgré lui*. Translation from English writers. French Composition, 2nd course, by Eugène-Fasnacht (Macmillan & Co.). Translation of unspecified passages from modern authors.

Molière's *Le Bourgeois*, Acts I and II, (Macmillan & Co.) and either Victor Hugo's *Les Travailleurs de la Mer*, Chapters I to V (incl.) (Bivington's), or Madame de Staël's *Corinne ou l'Italie*, livres I to V (incl.), are prescribed for private reading to candidates for a First Class position. Fourth French: Molière: *L'École des maris* and *L'École des femmes*, (1 Act of each).

For 1808-09. Molière: *Les femmes savantes*. Racine: *Iphigénie*. Corneille: *Le Cid*. (Macmillan & Co.). Translation from English writers. French Composition, 2nd course, by Eugène Fasnacht (Macmillan & Co.). Translation of unspecified passages from modern authors.

Text Books:—As in Second Class. Masson: *Littérature française*.

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*, Act I, (Macmillan & Co.) or Helene Stiek: *Unter dem Christbaum*, (D. C. Heath & Co.) or Schiller: *Wilhelm Tell*, II and III Acts. Exercises in Grammar and Composition. Elementary German Prose Composition, by E. S. Buchheim, (Clarendon Press).

Text Books: Whitsey's German Grammar (Macmillan & Co.). Other *Text Books* required will be announced at the opening of the Session.

Second German Class.

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

Subjects of study:

For 1807-08. Goethe: *Hermann und Dorothea* (Clarendon Press). Lessing: *Minna von Barnhelm* (Macmillan & Co.).

Translations from English writers. Original Compositions. Translations of unspecified passages from modern authors. Buchheim's German Prose Composition (Clarendon Press).

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

For 1808-09. Goethe: *Egmont*. Schiller: *Marie Stuart*, (Macmillan & Co.). Translations from English writers. Original Compositions. Translations of unspecified passages from modern authors. Buchheim's German Prose Composition (Clarendon Press).

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

Third German Class.

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

Subjects of study:

For 1807-08. Lessing: *Minna von Barnhelm* (Macmillan & Co.). Goethe: *Iphigénie auf Tauris*. Prose composition. Translation of unspecified passages from modern authors.

Schiller's *Wallenstein's Tod*, Act I, 4th Scene; Act II, 2nd and 3rd Scenes; Act III, 18th Scene; (George Bell & Sons) and either Goethe's *Faust*: Prolog im *Himmel*, and first three scenes of 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.

For 1808-09. Lessing: *Nathan der Weise* (Macmillan & Co.). Goethe: *Götter von Berlicingen* (Macmillan & Co.). Prose composition. Translation of unspecified passages from modern authors.

Text Books:—As in Second Class.

Fourth German Class.

Twice a week.

Subjects of study:

Schiller: *Lyrische Gedichte*, Goethe's *Faust*, Part I, (by Jane Lee: Macmillan & Co.). Prose Composition. Translation of unspecified passages from modern authors. Seiss' German Literature.

Private reading for a First Class position: Schiller's *Wallenstein's Lager*, and Lessing's *Sarah Sampson*, or Schiller's *Geistesherd*.

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.

1807-08. Middle High German: Grammar (Wright's Middle High German Primer). Selections from Wackernagel:

Kleineres Altdeutsches Lesebuch. Selections from authors of the 18th century. Prose composition.

1868-69. Middle High German: Grammar (Paul's Grammar). Selections from Wackernagel: Kleineres Altdeutsches Lesebuch. Selections from Swiss and Plattdeutsch dialect literature. Selections from authors of 18th and 17th centuries. Prose composition.

Other Text Books will be announced at the opening of the Session.

III.—ENGLISH LANGUAGE AND LITERATURE.

(George Munro Professorship.)

Professor ARCHEBOLD MACMECHAN, Ph.D.

The course in English is mainly literary; the method pursued is 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 modern times. 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.

Tuesdays and Thursdays, 12—1 P. M.

COMPOSITION.—Christmas Term; imitative exercises in the construction of narrative and descriptive paragraphs. Spring Term; exercises based chiefly on personal experience.

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

For reference: Gosse: History of Eighteenth Century Literature.

Candidates for Class Distinction will be examined in 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: Hale's Looser 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.

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

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

LITERATURE.—Elizabethan, Shakespeare: Henry V., Julius Caesar, Twelfth Night. Milton: COMUS, L'Allegro, Il Penseroso, Lycidas, 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.

A report on private reading assigned by the instructor, is required from each student. Candidates for Distinction are required to present a second report.

Candidates for Class Distinction will be examined in the following plays, which are not read in class: Richard III, Coriolanus, Tempest.

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.—Nineteenth Century.

1807-08.—Scott: Old Mortality, 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: Sesame and Lilies. Carlyle: Sartor Resartus.

History of Literature. Saintsbury: History of Nineteenth Century Literature; Herford, Age of Wordsworth. Oliphant: Literary History of England.

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

LITERATURE.—Middle English and Pre-Shakespearean.

1808-09.—Chaucer: Prologue, Knights Tale and Nounne 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, The Prioresse's Tale, Sir Topas, The Monk's Tale, The Squire's Tale.

Advanced Class.

Three times a week.

Development of English Language and Literature to the year 1300, with special study of select works in Elizabethan drama and prose. (8 viii, 6).

IV.—HISTORY AND POLITICAL ECONOMY.

(George Munro Professorship.)

Professor.....REV. PRESIDENT FORBES.

Third Year History Class.

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

Subjects of study :

Medieval 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.

Books recommended : Gibbon's Decline and Fall of the Roman Empire, Hallam's Middle Ages; Bryce's Holy Roman Empire; Irving's Mahomet and His Successors; Guizot's History of Civilization; Michael's History of the Crusades; Robertson's Charles V.; Stubbs's Constitutional History of England; Lamberton's Historical Atlas.

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 other works.

Books recommended : Green's England, vol. IV.; Guizot's France (Masson's Abridgement); Monod's Germany; Metley'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; Lamberton's Historical Atlas.

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, Lingard, 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.

Candidates for First Class Distinction will be examined on Cossa's "Guide to Study of Political Economy" and other works prescribed during the session.

Text Book : Mill's principles of Political Economy.

Advanced Political Economy Class.

Twice a week.

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

V.—PHILOSOPHY.

(George Munro Professorship.)

Professor.....WALTER C. MURRAY, M. A.

Junior Philosophy.

Wednesdays, 5—10 A. M.; Tuesdays and Thursdays, 12—1 P. M.

The work of this class will consist of two courses of lectures, one on Logic, the other on Psychology, with essays, discussions, and oral examinations.

The work in the course on Logic will be selected so as to afford the best possible mental training. In the Psychological course, experiments will be introduced as much as possible to supply a basis for the theory and for the purpose of illustration. Especial attention will also be given to the connection between Psychology and Educational methods.

Text Books : Mill's Logic, or Fowler's *Dialectic and Inductive Logic, or Several Elementary Lessons in Logic*; Mill, *System of Logic*; Theobald: *An Outline of Psychology, or James' Psychology for the course*. Students especially interested in education are recommended to read Jolly's *Teachers' Hand-Book to Psychology*. For Education Class, see course in Science Faculty XXXVI. Reading for Distinction—Berkeley's *Theory of Vision*, Driver's *Classical Language, Principles of Human Knowledge*, 1-23 (with Frezer's Introduction), Boussiquat: *Essentials of Logic*.

Senior Philosophy.

Mondays and Wednesdays, 10—11 A. M.

This course of lectures is intended to serve as an introduction to Metaphysics. After a preliminary sketch of the principal problems of Metaphysics, the development of modern Philosophy from Locke is studied first in Locke's *Essay*, Berkeley's *Principles of Knowledge and Siris*, and Hume's *Treatise*, thereafter Green's criticism is discussed.*Books :* Seth (A.): *Scottish Philosophy*; Bayle: *Spirit of Modern Philosophy*; Locke: *Essay* (Frezer's Edition); Berkeley: *Principles*; Frezer: *Hume's Treatise, table* (by Green & Green); and *Enquiry*; Reid: *Works* (ed by Hamilton) and *Enquiry* (Green's Extracts); Blackwood's *Philosophical Classics*; Follenberg's or Weber's, or Erdmann's, or Windelband's, or Ueberweg's, or Schwegler's *History of Philosophy*.

Moral Philosophy.

Mondays and Fridays, 3-4 P. M.

This course extends over two years and consists of a series of lectures varied by oral examinations, essays and discussions on the Theory of Ethics and the History of Ethics, in Greece and in Great Britain.

For 1897-98. The subjects will be:

THE MORAL IDEAL—A critical study of the Hedonistic, Rationalistic and Eudemonistic Theories of the content, form and development of the Good.

THE METAPHYSICAL MORALITY.—The metaphysical implications of the Moral Ideal—Freedom, God and Immortality.

THE MORAL LIFE.—Conscience—its nature, authority and development; Conduct—relation of theory to practice, motives; Character—its constituents, formation and reformation; the virtues; Moral Agencies—education, religion, legislation, punishment.

MORAL INSTITUTIONS.—The State, its basis, nature and functions in their relation to morality.

Text Book: Seth, J.: *Study of Ethical Principles.*

Books recommended: Dewey; *Outlines of Ethics*; Murdoch; *Elements of Ethics*; Mackenzie; *Manual of Ethics*; Clark Murray; *Introduction to Ethics*; Taylor; *Foundations of the State in Its History*; Spencer; *Justice*; Sidgwick; *Methods of Ethics*; D'Arcy; *Short Study of Ethics*; Dewey; *Study of Ethics.*

Reading for Distinction: Green; *Prolegomena to Ethics*, Bks. I and II.

For 1898-99. The development of Ethical theory from Socrates to Epicurus, and from Hobbes to Green will be considered. Plato's *Republic*, Aristotle's *Ethics*, Butler's *Sermons*, Mill's *Utilitarianism*, and Spencer's *Data of Ethics* will be discussed somewhat minutely.

Books: Sidgwick; *History of Ethics*; Farrer; *Greek Philosophy*; Zeller; *Socrates and Socratic Schools*; Plato and *Other Academy*; *Stoics and Epicureans*; Paley; *Philosophical Preliminaries*; Boussquet; *Constitution in Plato's Republic*; Wallace; *Utilitarianism*; Jenett's or Davies & Vassilou's *Presentation of the Epimethean*; Peter's; *Presentation of Aristotle's Ethics*; Martineau; *Pages of Ethical Theory*; Watson; *Hedonistic Theories*; Taylor; *Ethics of Utilitarianism*; Williams; *Evolutionary Ethics*; Schopenhauer; *Ethical Import of Darwinism*; Hobbes, and Butler in Blackwood's *Philosophical Classics*; Mackintosh; *Ethical Philosophy.*

Reading for Distinction: Green; *Prolegomena to Ethics*, Books III and IV.

Advanced Philosophy.

Tuesdays and Thursdays, 3-4 P. M.

For 1897-98, the subject of this course will be Kant's Philosophy. The *Prolegomena*, *Critique of Pure Reason*, of *Practical Reason* and of *Judgment*, will be studied.

The following translations are recommended: Watson's *Selections*. Max Müller; *Critique of Pure Reason*; Abbott; *Theory of Ethics*; Bernard; *Critique of Judgment*.

The following Commentaries and Expositions are recommended: Stirling's *Text-Book to Kant*; K. Fischer; *Kant's Critic*; *Critical Philosophy*; Watson; *Kant and His English Critics*; and Cassin, Mill and Spencer; *Lessons*; *Philosophy of Kant*; Mahaffy and Bernard; *Prolegomena*; *Critic of Pure Reason defended and explained*; Green; *Philosophical Works*, Vol. II.

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 $\sqrt{-1}$; Theory of Quadratic Equations; Proportion, Inequalities, Indeterminate Equations, Variations, Progressions, Theory of Notation; Elements of Determinants; 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, Second, and Third Books of Euclid Revised, Fourth Book, Definitions of the Fifth, and the Sixth Book, with Geometrical Exercises and practical applications.

After the beginning of January, attendance at the Class on Wednesday will be optional, except for those who are trying for First or Second Class distinction. But the Professor reserves to himself the right of excluding any whom he may have judged unequal to the work of the Wednesday class.

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

Second Year Class.

Daily, 10—11 A. M.

The daily meeting of this 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; Crelschott & Walker's Conic Sections; the Parabola and part of the Ellipse; Easy Geometrical Exercises with practical applications; 21 Propositions of the Eleventh Book of Euclid; Modern Geometry, supplementary to the Six Books 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; uses of the Binomial Theorem; Properties of Logarithms; Compound Interest and Annuities; 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: Ahlefeldt—Tolluenter's or Hall & Knight's (best); Locke's Plane Trigonometry; Crockett and Waller's Geometrical Conics (Macmillan & Co.); Chambers's Logarithmic, etc., Tables. For Higher Division; Tolluenter's Spherical Trigonometry.

Advanced Class.

There are two Divisions in this Class:

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

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

The Second Division meets twice a week.† Subjects: Analytical Geometry; Spherical Trigonometry; Theory of Equations; Differential Calculus; Integral Calculus, with Differential Equations; Application of these to Physics, Physical Astronomy, etc.

Books recommended: The same as for the First Division. Also, Tait & Steele's Dynamics of a Particle; Tolluenter's Analytical Statics; Woodley Johnson's Differential Equations, (Macmillan & Co.).

* The hour of meeting on Fridays may possibly be changed at the opening of the session.

† An extra hour for some part of the session may be required.

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

VII.—PHYSICS.

(George Munro Professorship.)

Professor.....J. G. MacGIBSON, D.Sc.

Junior Physics Class.

Tuesdays and Thursdays, 11 A. M.—12 M., and Fridays,
9—10 A. M.

The subjects of the lectures will be as follows:—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. The lectures will be conducted largely on historical lines and will be illustrated by experiments, qualitative and quantitative. Besides the Christmas and Spring Examinations, others are usually held at unspecified dates, and students are expected to hand in Problem Papers for correction and criticism.

Books of Reference: Students are recommended to read Knott's Physics (W. & R. Chambers, Edinburgh), 78s. in connection with the lectures. Those who aim at passing merely will be expected to read only such portions as discuss subjects treated in class. Those who aim at Distinction will be expected to read the whole book. Additional illustrative problems may be found in Jones's Examples in Physics (Macmillan & Co.)

Senior Physics Class.

Mondays, Wednesdays and (for part of the Session) Fridays,
10—11 A. M.

The subjects studied in this class consist of departments of Physics which are of special importance on account of their industrial applications. They will be treated as thoroughly as is consistent with the employment of elementary mathematical methods, no greater knowledge of Mathematics being assumed than may be acquired in the Second Year Class. About one-fourth of the lectures will be devoted to industrial applications, and attendance on such lectures will, for undergraduates in the Arts Faculty, be optional.

The course being too extensive to be completed in a single session, different portions will be taken up in alternate years, as follows:

In 1907-08.—Heat, including a discussion of heat engines, and Electricity and Magnetism, including a discussion of dynamo-electric machines. Maxwell's Theory of Heat (Longmans, Green & Co.), and Foster and Atkinson's Electricity (Longmans, Green & Co.) will be used as class-books, candidates for Distinction being expected to read privately the discussion in these books of subjects not fully treated in class, and to practice the solving of problems.

In 1908-09.—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.

Advanced Mathematical Physics Class.

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

The object of this class is 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 the Differential and Integral Calculus. The subjects to be discussed in the next two years are as follows:

In 1907-08.—Kinematics of a point, of a rigid system, and of deformable systems; Dynamics (including Statics) of a particle, of systems of particles (including strings), of extended bodies, of rigid bodies, of elastic solids, and of fluids.

In 1908-09.—Thermodynamics, and Electrodynamics (including Electrostatics.)

Books recommended: Tait and Steele's Dynamics of a Particle (Macmillan & Co.), Todhunter's Analytical Statics (Macmillan & Co.), Albi's Rigid Dynamics (Deighton, Bell & Co.), Besant's Hydromechanics (Deighton, Bell & Co.), Tait's Sketch of Thermodynamics (Douglas, Edinburgh), Baines' Thermodynamics (Clarendon Press), Bostage's Mathematical Theory of Electricity and Magnetism (Clarendon Press), and Moscat and Joubert's Electricity and Magnetism, Vol. 1 (The Macmillan Co., London).

Advanced Experimental Physics Class.

Once a week.

The subjects studied will be (a) physical experimental methods, and the elimination of errors, illustrated by reference especially to Joule's papers on the determination of the mechanical equivalent of heat, and Lord Kelvin's papers on the electrodynamic qualities of metals; (b) the treatment of observations, including graphical methods and the method of least squares, and the influence of errors of observation on results; (c) the relation of theory to experimental research, illustrated by sketches of one or more of the following:—The Kinetic theory of gases, the theory of solutions and of electrolysis, the wave theory of light.

Books of reference: Joule's Scientific Papers, Vol. I (Taylor & Francis & Lord Kelvin's Mathematical and Physical Papers, Vol. II (Camb. Univ. Press); Helmholtz's Precision of Measurements (John Wiley & Sons); Wheatstone's Solution and Electrolysis (Camb. Univ. Press); Glazebrook's Physical Optics (Longmans & Co.)

Practical Physics Class.

(At least five hours a week.)

The work of this class will consist of the experimental investigation of simple physical laws, and in connection therewith, the determination of physical constants, such as density, specific heat, electromotive force, electrical resistance, etc.

Students will be required to prepare formal papers on the investigations 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 of a qualitative and quantitative kind, with the simple forms of apparatus usually available in schools.

Books recommended:—For ordinary use—Glazebrook and Shaw's Practical Physics (Longmans, Green & Co.). For reference—Stewart & Gird's Elementary Practical Physics (Macmillan & Co.), Ayton's Practical Electricity (Clasell & Co.), Kohlbrusch's Physical Measurements (J. & A. Churchill, Nisbet's Laboratory Manual of Physics and Applied Electricity (Macmillan & Co.) and Ostwald's Physico-Chemical Measurements (Macmillan & Co.)

VIII.—CHEMISTRY.

(McLeod Professorship.)

Professor E. MACLEAY, PH. D.

Junior Chemistry Class.

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

The lectures in this class deal in an elementary way with the principles of General Chemistry. The inductive method is followed. The constituents of Water and Air are first studied, and when an acquaintance has thus been gained with some of the facts of Chemistry, the fundamental laws of combination are taken up and the Atomic Theory and chemical formulae are introduced. This is followed by a study of Chlorine and Carbon and of the neutralization of Acids. The classification of the elements is then discussed, and thereafter the principal remaining elements are studied, each in connection with the group of elements in the Periodic System to which it belongs. The lectures are illustrated as fully as possible by experiments.

Examinations, oral or written, are held fortnightly, and occasional written exercises are required. Remsen's *Introduction to the Study of Chemistry* (Macmillan & Co.) is recommended to be read in connection with the class-work. Storer and Lindsay's *Manual of Chemistry* (American Book Co.) may also be used.

Students aiming at Distinction are required to devote at least three hours per week to laboratory work. The laboratory course is designed to make the student familiar with ordinary laboratory operations and to give him a practical acquaintance with the elementary facts of Chemistry. Several common inorganic substances are prepared and studied; simple quantitative experiments are performed; and some time is devoted to elementary work in Qualitative Analysis. Remsen's *Introduction to the Study of Chemistry* is used as a laboratory manual.

Senior Chemistry Class.

Tuesdays and Thursdays, 9-10 A. M.

The lectures in this class are for the first few weeks devoted to a fuller discussion of some of the principles of Inorganic Chemistry than is given in the Junior Class. The constitution of Acids, Bases and Salts; the determination of Atomic and Molecular Weights; and the principal reactions used in Qualitative Analysis are the chief topics taken up. The remainder of the year is devoted to Organic Chemistry. Special attention is given in this part of the course to a study of the

experimental evidence upon which the constitutional formulae of organic compounds are based. *Renssen's Compounds of Carbon* (Macmillan & Co.) is used as a text-book in Organic Chemistry.

Students aiming at Distinction are required to devote at least three hours weekly to laboratory work. This will include a fuller course in Qualitative Analysis than is given in the Junior Class, and in addition the preparation of pure laboratory reagents and of typical inorganic and organic substances.

Advanced Chemistry Class.

One hour weekly.

The subjects treated in this class will be:

In 1897-8.—Methods of Quantitative Analysis.
In 1898-9.—History of Chemical Theory.

A part of the time of the class will be given to the study of such portions of the reading prescribed in the Special Course in Chemistry and Chemical Physics as offer special difficulty.

Practical Chemistry Class.

Five hours weekly.

JUNIOR COURSE.—This course is intended for students taking their first laboratory work. The course will include the preparation and study of several common inorganic substances and a study of the reactions of the principal elements. Qualitative Analysis and blow-pipe reactions are taken up and a few simple quantitative experiments are performed. *Renssen's Introduction to the Study of Chemistry* is used as a laboratory manual.

SENIOR COURSE.—This course is open to students who have taken the Junior Course or its equivalent. The first part of the year is devoted to less elementary work in Qualitative Analysis than that in the Junior Course, and to the preparation of pure laboratory reagents and of typical inorganic substances. The remainder of the year is occupied with the preparation and study of typical organic compounds. Members of this class who are not taking, or have not previously taken, the Senior Chemistry Class may substitute work in Quantitative Analysis for that in Organic Chemistry.

Advanced Practical Chemistry Class.

Courses are provided in General Quantitative Analysis, and, so far as the resources of the laboratory permit, in its special branches.

QUANTITATIVE ANALYSIS.—The work in this course is designed to illustrate typical methods in Quantitative Analysis. It will include the quantitative estimation of Chlorine, Iodine, Sulphur, Nitrogen, Phosphorus, Silicon, Carbon, Hydrogen, and of the metals Silver, Copper, Iron, Manganese, Aluminium, Calcium and Potassium. Volumetric methods, as well as gravimetric, are employed whenever applicable.

TECHNICAL COURSES.—Students having a sufficient training in general quantitative analysis may undertake work in one or more of the following special branches of Analysis. (a) Assay of Ores. Ores of the principal metals are assayed in the wet way. Ores of Lead and Silver are subjected to a furnace assay and the results checked by analysis. (b) Analysis of Foods or Poisons. (c) Analysis of Soils. (d) Analysis of Potable Waters. (e) Gas Analysis.

Students taking Practical Chemistry are admitted to that one of the preceding courses for which their previous work has fitted them. All members of practical classes are required to keep a detailed record of their experiments. The character of this record is a factor in determining the standing of a student in the Class Lists.

The chemical laboratory is fitted with desks for sixty-four students. A reference library is placed in the balance-room for the use of students doing analytical work.

The laboratory is open daily, Saturdays excepted, from 10 a. m. to 1 p. m., and from 3 to 5 p. m., on Tuesdays, Wednesdays and Thursdays.

§ II.—**The Academic Year.**—The Academic year consists of one Session. The Session of 1897-98 will begin on Wednesday, 8th September, 1897, and end on Tuesday, 26th April, 1898.

§ 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 (§ xxiv).

(2.) Registered students may, on presentation of their Registration Tickets, and on payment of the proper fees, (§ xxiv), 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. Candidates for the higher degrees in attendance on classes are known as Graduate Students. All others are known 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.) Two Matriculation Examinations are held, of lower and higher grade respectively. The Junior Matriculation Examination admits to the First Year of the various courses. The Senior Matriculation Examination admits to the Second Year of the various courses. For conditions of exemptions, see §§ v, vi.

(3.) Undergraduates of other Universities may, on producing satisfactory certificates, be admitted on *excolens status* in this University, if 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.

(4.) Undergraduates must pursue, at the College, specified courses of study, which vary with the degrees for which they are candidates, and in the case of all degrees extend over four years; except for such students as have passed the Senior Matriculation Examination. They must also pass the prescribed examinations according to the regulations of § 3.

§ V.—Junior Matriculation Examination.—The following are the subjects of this examination :

1—2. Two of the following languages must be selected : Latin, Greek, French and German. Candidates for B. A. must pass in Latin. If they are to take Greek as one of the subjects of the First Year, they must also pass in Greek. Candidates for B. L. may select any two.

LATIN.—Translation: (a) Passages for translation from prescribed books with questions arising out of those books. (For 1867), *Cæsar*—Gallie War, Book I, and *Vergil*—Æneid, Book II. (b) Short and easy passages for translation at sight from books not prescribed. (For 1868), *Cæsar*—Gallie War, Books II and III, and *Vergil*—Æneid, Book II. *Composition*: Such a knowledge as may be gained from Collar and Daniell's *Beginner's Latin Book*, and the first eighteen exercises of Bradley's *Arnold's Latin Prose Composition*, *Grammar*: As in Bennett's *Latin Grammar*, or Allen and Greenough's.

GREEK.—Translation: (a) Passages for translation from prescribed books with questions arising out of those books. (For 1867), *Xenophon*: *Anabasis*, Book IV. (For 1868), *Xenophon*: *Anabasis*, Book I. (b) Short and easy passages for translation at sight from books not prescribed. *Composition*: Such a knowledge as may be gained from Frost's *Greek Primer*, and the first fifteen exercises of Fletcher and Nicholson's *Greek Prose Composition*. *Grammar*: As in *Elementary Grammars*.

FRENCH—Voltaire: *Charles XII.*, Books I, II, III. *Grammar* questions limited to the Accidence, and based on the passages selected for translation.

GERMAN.—Buchheim, *German Reader*, Part I, (Clarendon Press), or Hauff: *Das Wirtshaus im Spessart*, *Das Kell Herz* (Macmillan & Co.). *Grammar* questions limited to the Accidence, and based on the passages selected for translation.

3. **ARITHMETIC AND ALGEBRA.**—*Arithmetic*. *Algebra*: Simple rules; rules for the treatment of Indices; Surds; Extraction of Squares and Cube Roots; Equations limited to the First Degree; Quadratic Equations of one unknown quantity.

4. **GEOMETRY.**—Euclid, Books I, II, III; or their equivalents.

5. **ENGLISH.**—*Language*: Grammar, Analysis, Parsing. *Composition*: An essay on one of several set subjects, to be drawn from 1—Macaulay, *Warren Hastings*; Shakspeare, *Merchant of Venice*; Longfellow, *Evangeline*; Scott, *The Lady of the Lake*.

NOTE.—The essential part of this examination is the essay. Legible writing, correct spelling and punctuation, will be considered indispensable. Skill shown in sentence and paragraph construction will be awarded high marks. Not more than one of the works named need be read. It should be read primarily for the story and need not be studied minutely, as a choice is allowed among at least four themes drawn from the works named.

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

N. B.—Instead of the works prescribed above in Latin, Greek, French and German, candidates for matriculation (but not for scholarships) may offer equivalents. Such equivalents must have been previously approved by the President. The names of the languages and of the works selected (for the approved equivalents), must have been submitted to the President, at least one week before the date of the examination.

Candidates reaching a certain standard will be declared to have Passed with Distinction, and will be eligible for the Sir William Young and Professors' Scholarships, and the Mackenzie Bursary. (See § xv.)

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

(2.) Candidates who hold Teachers' Licenses of Grades A or B, or certificates of having passed the Senior or Junior High School Leaving Examinations, as issued by the Nova Scotian Education Office, and those also who hold Teachers' Licenses of the First and Second Class as issued by the Education Office of Prince Edward Island, shall be exempted from the above examination, in subjects which were included in the examinations by which such licenses or certificates were obtained.

Candidates who hold Teachers' Licenses or Leaving Examination certificates issued by the Education Offices of other Provinces, may be exempted from the whole or from parts of the above examination on application to the Faculty.

Persons who as candidates for the above Licenses or certificates succeeded in passing in the more important of the subjects of the above examination, shall be exempted from examination in such subjects.

(3.) 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 Junior Matriculation Examination and passed satisfactory examinations therein.

(4.) This examination will be held at the College on September 8th—13th, 1897.

(5.) If candidates for scholarships at the Junior Matriculation Examination have failed in some subjects, they may obtain, by the permission of the Faculty, a special Matriculation Examination in such subjects, at a later date.

N. R.—The examination formerly known as Final Matriculation has been discontinued.

§ VI.—Senior Matriculation Examination.—(1.)

The following are the subjects of this examination :

1-2. Two of the following:—Latin, Greek, French, German.

Candidates for B. A. must pass in Latin. If they intend 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 one modern language. They may select as the second subject either Latin or Greek.

LATIN.—(1867 and 1868) Cicero, First Oration against Catiline; Sallust, Conspiracy of Catiline; Tacitus, Histories, Book I; Vergil, *Æneid*, Book VI.

GREEK.—(1867 and 1868. Xenophon, Hellenica, Books I and II; Demosthenes, Philipics, I—III.

The papers in Latin and Greek will contain passages for translation from the books prescribed, together with grammatical and other questions arising out of those books, and short and easy passages for translation from books not prescribed. General questions in Latin and Greek Grammar will also be set, and some English sentences to be turned into Latin and Greek.

FRENCH.—Voltaire: *Charles XII*, Bks. I, II, III; MacMillan's *Progressive French Reader*, II Year; Molière: *Le Bourgeois Gentilhomme*; Scribner: *Bataille des Femmes*; Grammar (Brachet Public School Grammar), Composition.

GERMAN.—Haff: *Das Wirthshaus im Spessart (Das Kalte Herz)*, (Macmillan & Co.); Hochheim: German Reader, Part II; Schiller: *Wilhelm Tell*; Grammar (Whitney); Composition.

Instead of the works prescribed here in Latin, Greek, French, German and English candidates for matriculation (but not for scholarships) may offer equivalents. Such equivalents must have been previously approved by the President. The names of the languages and of the works selected (for the approved equivalents) must have been submitted to the President at least one week before the date of the examination.

3. MATHEMATICS.—*Arithmetic*. Algebra: The simple rules, Involution, Evolution, Theory of Indices, Equations of the First and of the Second Degree; Discussion of Imaginary Quantities and of $\sqrt{-1}$;—Proportion, Inequalities, Indeterminate Equations, Variation, Progressions, Theory of Notation; Elements of Determinants; 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*.—Euclid, Bks. I, II, III, IV; Definitions of the Fifth, and the Sixth Book, with Geometrical exercises.

4. ENGLISH.—*Language*: Grammar, Analysis, Parsing, Composition: An essay on one of several set subjects; to be drawn from:—Macaulay, *Warren Hastings*; Shakspeare, *Merchant of Venice*; Longfellow, *Evangeline*; Scott, *The Lady of the Lake*. (See § v. 5. Note.

Literature—Eighteenth Century: Prose. Addison: Papers contributed to the Spectator, Johnson: *Life of Pope*, (Macmillan; Samuel Johnson). Pope: *Dryden*; MacFlecken, St. Cecilia's Day, Alexander's Feast; Pope: Rape of the Lock. Gray: Elegy in a Country Churchyard. Goldsmith: Traveller, Deserted Village. Burns: Two Dogs, Cotter's Saturday Night.

History and Geography.—Outlines of English and Canadian History and General Geography.

5. CHEMISTRY.—The elements of General Chemistry. The following text-books are mentioned to indicate the extent of knowledge required: Remsen's *Introduction to the Study of Chemistry* (Macmillan & Co.); Storer and Lindsay's *Manual of Chemistry*, (American Book Co.). The examination will be designed to test the extent to which the candidates' knowledge of the elementary facts of Chemistry is founded upon practical study.

The subject of Chemistry may be omitted by candidates; but in that event, they must either pass the examination therein on entering the Third Year, or take the subject as one of the electives on entering the Third Year.

In the competition for scholarships also, the subject of Chemistry may be omitted. The award is made upon the average of excellence shown in the subjects professed.

The examination may be conducted partly *ex vivo*.

N. R.—This examination is prescribed for candidates for Senior Scholarships.

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

(3.) Candidates who hold Teachers' Licenses of Grade A, or Certificates of having passed the Senior High School Leaving Examination, issued by the Nova Scotia Education Office, shall be exempted from the above examination in subjects which were included in the examinations by which such licenses or certificates were obtained. The same privilege shall be granted to candidates who hold Teachers' Licenses of the First Class, issued by the Education Office of Prince Edward Island, except in the subject of Greek.

Candidates who hold Teachers' Licenses of Grade B, or Certificates of having passed the Junior Leaving Examination

of the High School, issued by the Nova Scotian Education Office, and those who hold Teachers' Licenses of the Second Class, issued by the Education Office of Prince Edward Island, shall be exempted from those parts of the above examination which are common to it, and the Junior Matriculation Examination, provided such parts were included in the examinations by which such Licenses or Certificates were obtained.

Candidates who hold Teachers' Licenses or Leaving Examination Certificates, issued by the Education Office of other Provinces, may be exempted from the whole or from parts of the above examination, on application to the Faculty.

Persons who, as candidates for the above Licenses and Certificates, succeeded in passing in the more important of the subjects of the above examination shall be exempted from examination in such subjects.

(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 8th—13th, 1897.

(6.) If candidates for scholarships at the Senior Matriculation Examination have failed in some subjects, they may obtain, by the permission of the Faculty, a special matriculation examination in such subjects, at a later date.

§ 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 (§§ 4, XXV, and XLVI.)

First Year.

1. *For B. A.*—Latin. *For B. L.*—German or French.
2. *For B. A.*—Greek, or French or German. *For B. L.*—The modern languages not selected as subject 1, or Latin or Greek.
3. Mathematics.
4. Junior Chemistry.
5. English.

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

Undergraduates who intend to enter in their Third Year the Special Course in either Mathematics and Physics or, Chemistry and Chemical Physics, are recommended to take German as subject 2.

Second Year.

1. *For B. A.*—Latin. *For B. L.*—The language selected as subject 1 in the First Year.
2. *For B. A.*—The language chosen as subject 2 in the First Year. *For B. L.*—The language selected as subject 2 in the First Year.
3. *For B. A.*—Mathematics. *For B. L.*—Mathematics or Junior Physics.
4. English.
5. Junior Philosophy or (in the case of students who intend to enter the 7th or 8th Special Course, § viii (2), Junior Physics, or (in the case of students who intend to enter the 9th Special Course) Senior Chemistry.

Third Year.

1. *For B. A.*—Latin or Greek. The language selected must have been taken during the first two years. *For B. L.*—Either of the languages selected in the First and Second Years.
 2. *For B. A.*—Junior Physics. *For B. L.*—Junior Physics or (if Junior Physics have been taken in the Second Year) 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*—
- | | |
|----------------------------|------------------------------|
| a. Greek. | i. Senior Philosophy. |
| b. Hebrew. | j. Senior Chemistry, or |
| c. French. | Senior Chemistry |
| d. German. | (Medical Faculty). |
| e. English. | k. Practical Chemistry. |
| f. Constitutional History, | l. Botany (Science Faculty). |
| (Law Faculty). | m. Practical Physics. |
| g. Political Economy. | n. Education:—History and |
| h. Ethics. | Theory. (Science Faculty.) |

Undergraduates are required, on or before September 18th, to submit to the President for approval, the names of the two subjects, 4—5, which they 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.

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

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.

If the class in Hebrew or in New Testament Greek be one of five hours a week, attendance on either will exempt from both subjects 4-5, and students taking such a class in the Third Year may postpone to the Fourth Year one of the subjects, 1, 2, 3.

An undergraduate who takes subject *f* in the Third Year and subjects *l* and *m* 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* (Senior Chemistry; Medical Faculty), *k* and *l*. To complete his year in the third year he will require to take also subjects, 1, 2 and 3. For fees payable in classes *j*, *k*, *l*, for this purpose, see section on fees, Faculty of Medicine.

Fourth Year.

Any five of the following* :—

a. Latin.	m. Contracts
b. Greek.	(Law Faculty).
c. Hebrew.	n. Senior Physics.
d. French.	o. Practical Physics.
e. German.	p. Senior Chemistry, or
f. English.	Senior Chemistry (Medi-
g. History.	cal Faculty).
h. Political Economy.	q. Practical Chemistry.
i. Ethics.	r. Botany (Science Faculty).
j. Senior Philosophy.	s. Education :—History and
k. Constitutional History,	Theory, (Science Fac-
(Law Faculty).	ulty).
l. Constitutional Law	t. Physiology. (Faculty of
(Law Faculty).	Science).

With the approval of the Faculty, any Advanced Class may be taken as an ordinary class, in the Fourth Year.

Undergraduates are required, on or before September 18th, 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 class in Hebrew or New Testament Greek in any recognized College will exempt from

one subject. If the Hebrew or New Testament Greek 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 *p* Senior Chemistry (Medical Faculty), and *t*, or either of these together with subjects *q* and *r* in the Fourth Year. But he will not be allowed to take these subjects in this year as parts of B. A. or B. L. course, if he have already taken them in the Third. For fees payable for classes, *p*, *q*, *r*, for this purpose, see Faculty of Medicine, section on Fees. For class and examination fees payable for subject *t*, see Faculty of Science, § XXV, (xiii).

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.

(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) Pure and Applied Mathematics, (8) Mathematics and Physics, (9) Chemistry and Chemical Physics. 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, 8, and 9.

(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 (§ 1), 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 Special Courses 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.

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

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 : Adelphei.
Virgil : *Georgics*, Books I., IV.
Horace : Epistles, Books I., II. ; *Art Poetica*.
Juvenal : Satires, VII., VIII., XIV.
Cicero : De Oratore, Books I., II., III.
Livy : Books XXI., XXII.
Tacitus : *Agricola* ; *Annals*, Book II.

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

Plautus : *Menecchini*, and *Amularia*.
Terence : *Andria*, and *Heautontimorumenos*.
Cicero : Select Letters, (Muirhead's edit., Longmans, London).
Tacitus : *History*, Books III., IV., V.

III. COMPOSITION.—PROSE.

IV. LITERATURE.—Cruickwell's *History of Roman Literature*, selected chapters.

V. PHILOLOGY.—Pelle's Introduction to Greek and Latin Etymology ; Victor Henry's Comparative Grammar of Greek and Latin.

GREEK.

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

Aeschylus : *Emmenides*.
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 show a general knowledge of one prose and one verse subject, to be chosen by them from the following list :—

Aeschylus : *Agamemnon*, and *Choephoroi*.
Sophocles : *Oedipus Coloneus*, and *Antigone*.
Thucydides : First and Seventh Books.
Aeschines : *Contra Ctesiphontem*, and
Demosthenes : De Falsa Legatione.

III. COMPOSITION.—PROSE.

IV. PHILOLOGY.—Pelle's Introduction to Greek and Latin Etymology ; Victor Henry's Comparative Grammar of Greek and Latin.

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 historical development of the language and literature to the year 1300. *Bright*, *Anglo-Saxon Reader*. *Stevens*, *O.E. Grammar* (trans. by Cook), Pt. II. *Morris*, *Specimens of Early English*, I. *Emerson*, *History of the English Language*. *Slight* *reading of O.E.*

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

Muriel, *Tansburthaine*, *Edward II.* *The Jew of Malta*. *Greene*, *Friar Bacon and Friar Bungay*. *Johnson*, *The Alchemist*. *Every Man in his Humor*. *Bonmouth and Fletcher*. *Philaster*. *The Knight of the Burning Pestle*. *Mossesley*, *A New Way to Pay Old Debts*. *Whester*, *The Duchess of Malfi*. *Shakespeare*, *The Tragedies*, *Two Noble Kinsman*. Part of this course is conducted by means of a Seminary.

Books recommended : *Sidney*, *Cook's edition* (Ginn & Co.) ; *Hooker*, *Church of England's Prayer Book*, *Advancement*, *Wright* (Clar. Press) ; *Essays*, *Wright* (G. T. series), *History of Literature*, *Ten Brink*, *Bainbridge*, *Brooke* ; *Chandos Press*, "Mermoid," "Temple Dramatists," and *Arber* Editions of Elizabethan works. *Thayer*, "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, Gudrun*,

Wolfram von Eschenbach, Freidank or Gottfried von Strassburg, Sebastian Brant, (Wackernagel's *Kleines Altddeutsches Lesebuch*).

Selections from Swiss and Plattdeutsches 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 Goethe not read in the ordinary course.

Translations 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.

English History from A. D. 1603-1680.

Books recommended: Green's *History of the English People*, Vol. 2; *Lipscomb's History of England*, Vols. 8-10; *Hallam's Constitutional History of England*, Chap. VI-XIV; *Bayly's History of England*; S. B. Gardner's works on this period; *Clarendon's History of the Great Rebellion*; *Mason's Life of Milton*; *Carlyle's Life of Cromwell*; *Paster's Life of Eliot*; *Haynes'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:—

I. General History of Philosophy from Thales to modern times.

Fevrier: *Greek Philosophy*.

K. Fischer: *Descartes and his School*, Pp. 1-158, 300-375, 465-493, 531-581.

Seth (A): *Scottish Philosophy*.

Royce: *Spirit of Modern Philosophy*.

II. Greek Philosophy from the Sophists to Aristotle and Modern Philosophy from Locke to Kant.

Plato: *Theoreticus and Republic*.

Aristotle: *Metaphysics*, Book I., and *Ethics*.

Locke: *Essay on Human Understanding* (with *Fraser's Prolegomena*).

Berkeley: *Principles of Human Knowledge and Siris* (as in *Fraser's Selections*).

Hume: *Human Nature*, Vol. I. (with *Green's Introduction*).

Reid: *Inquiry into the Human Mind*.

III. Philosophy of Kant: The Critiques of Pure Reason, of Practical Reason, and of Judgment (as in *Watson's Selections*).

IV. Ward: *Human and Animal Psychology*.

Bradley: *Principles of Logic* (in part).

Green: *Prolegomena to Ethics*.

Hegel: *Logic*, Chaps. 1.-VI. (*Wallace's Translation*).

V. Any one of the following:—

1. History of Philosophy from Descartes to Leibnitz. Descartes: *Method, Meditations and Principles*; Spinoza: *Ethics*; Caird: *Cartesianism* (*Encyc. Brit.*); Martineau: *Spinoza*.

2. History of Philosophy from Kant to Hegel. Hegel: *Philosophy of State, and Logic* (with *Wallace's Prolegomena*); Seth: *Hegelianism, and Personality, and From Kant to Hegel*.

3. History of Philosophy from Hume to Spencer. Comte: *Positive Philosophy*; Mill: *As in Watson's Selections*. Spencer: *First Principles*; Mill: *Comte and Positivism*; Douglas: *John Stuart Mill*.

4. History of Ethics in Great Britain from Hobbes to Green. Hobbes and his Critics: *Utilitarianism*—Bentham, Mill and Sidgwick; *Intuitionism*—Butler, Calderwood, Martineau; *Evolutional Ethics*—Spencer, Stephen, Huxley.

5. Philosophy of Religion. Lotze: *Philosophy of Religion*; Martineau: *Study of Religion*; Caird: *Philosophy of Religions*. Balfour: *Foundations of Belief*. Watson: *Christianity and Idealism*.

(11.) Undergraduates taking the Special Course in **Pure and Applied Mathematics** are recommended to take Junior Physics in their Second Year, and in the event of their not having done so, to read, before entering the Third Year, the text book of the Junior Physics Class on the subjects discussed in the Senior Physics Class in their Third Year. They 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. The standard of attainment shown in the examinations in this class in both years will be considered in estimating the results in the final examination of the Special Course.

The subjects of examination will be as follows:—

PURE 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 treatise on these subjects (Williamson's *Treatises* on these subjects recommended). Differential Equations (selected course), with practical application to Physical Problems (Woolsey Johnson's, or Boole's *Treatise* on the subject recommended).

APPLIED MATHEMATICS.

Either Kinematics and Dynamics, or Thermodynamics and Electro-dynamics,—those portions of these subjects which are treated in the class of Advanced Mathematical Physics, the mode of treatment being by application of Analytical Geometry and the Differential and Integral Calculus.

(12.) Undergraduates taking the Special Course in **Mathematics and Physics** are recommended to take German as one of the subjects of their First and Second Years, and to take Junior Physics in their Second Year. In the event of their not having done the latter, before entering the Third Year, read the text book of the Junior Physics Class on the subjects treated in the Senior Physics Class in their Third Year. They are required in their Third Year to take Advanced Mathematics, Senior Physics, Practical Physics, Senior Chemistry, and Practical Chemistry, and in their Fourth Year, the Advanced Classes in Mathematics, Mathematical Physics and Experimental Physics, Senior Physics and Practical Physics. The standard of attainment shown in the examinations in Senior Physics in both years will be considered in estimating the results of the final examination of the Special Course.

They will be required in the course of their Laboratory work in Physics and Chemistry to prove their ability to make accurate determinations of physical constants, to conduct investigations of physical laws, and to carry out qualitative analyses and both gravimetric and volumetric quantitative analyses of inorganic bodies.

Those who aim at High Honours will be expected either to prepare a thesis embodying the results of a short original investigation, or to exhibit a high standard of excellence on the more mathematical parts of the course.

The subjects of examination will be as follows:—

1. **MATHEMATICS.**—The subjects of the Special Course in Pure and Applied Mathematics (II), the standard of attainment required not being so high as in the Special Course in Mathematics.

2. **MATHEMATICAL PHYSICS.**—The subjects of the Special Course in Pure and Applied Mathematics.

3. **GENERAL PHYSICS.**—As in Piddie's Manual of Physics (Ballière, Tindall & Cox, London), supplemented by the discussions and course of reading of the Advanced Experimental Physics Class in special sections, such as the kinetic theory of gases, the theory of solutions, electrolysis and physical optics.

4. **EXPERIMENTAL METHODS.**—A general acquaintance with the methods applicable in different classes of investigations, as in Glazebrook and Shaw's Practical Physics (Longmans Green & Co.), and Ostwald's Physico-Chemical Methods (Macmillan & Co.). The experimental methods of the following memoirs:—

Joule's papers on the determination of the Mechanical Equivalent of Heat, contained in his Scientific Papers (Taylor

& Francis, vol. I, pp. 123, 172, 238, 542, 632; Faraday's Experimental Researches in Electricity (Quaritch), vol. I, Series III, IV., VI., VII., VIII. The treatment of observations and the discussion of the accuracy of experimental results, as in Holman's Precision of Measurements (John Wiley & Sons).

(13.) Undergraduates taking the Special Course in **Chemistry and Chemical Physics** are recommended strongly to select German as one of the subjects of their First and Second Years, to take Senior Chemistry in their Second Year, and before entering upon the Third Year to read the text-book of the Junior Physics Class on the subjects to be treated in the Senior Physics Class in their Third Year. They are required in their Third Year to take the following classes:—Advanced Practical Chemistry, Advanced Mathematics (partial course), Junior Physics (with work in the Laboratory), Senior Physics, and German, and in their Fourth Year, the following classes:—Advanced Practical Chemistry, Advanced Mathematics (partial course), Advanced Experimental Physics, Senior Physics, Practical Physics, and German (if not taken in First and Second Years).

Candidates will be examined at the end of the Fourth Year in the following subjects:—

CHEMISTRY.

(1.) The principles and theories of Modern Chemistry. The following books are mentioned to indicate the extent of knowledge required:—Benson's *Inorganic Chemistry, Advanced Course*, (H. Holt & Co.); Berthsen's *Organic Chemistry*, translated by McGowan (Blackie & Son, Van Nostrand); Meyer's *Outlines of Theoretical Chemistry*, translated by Bodson and Williams (Longmans).

(2.) Outlines of the History of Chemistry. In this connection candidates will be required to have an acquaintance with the following:—Scharlemmer's *Rise and Development of Organic Chemistry* (Macmillan & Co.); Roscoe's *Dalton and the Rise of Modern Chemistry* (Macmillan & Co.); and the essays on Boyle, Priestly, Scheele, Cavendish, Lavoisier, Graham and Wöhler, in Thorpe's *Essays in Historical Chemistry* (Macmillan & Co.).

(3.) The following memoirs:—On the Arsenates, Phosphates and Modifications of Phosphoric Acid, Graham, Philosophical Transactions, 1833; Ueber das Radical der Benzoesäure, Liebig and Wöhler (Ostwald's Klassiker, No. 22); Ueber die Constitution der Organischen Säuren, Liebig (Ostwald's Klassiker, No. 20).

(4.) The Principles and Methods of Qualitative Analysis and of Quantitative Analysis, both gravimetric and volumetric, and the practical details of laboratory operations.

Candidates will be required to have prepared in pure condition not fewer than 20 inorganic compounds, and not fewer than 30 organic compounds. They must be able to carry out accurate quantitative determinations of the following elements: Chlorine, Sulphur, Nitrogen, Phosphorus, Silicon, Carbon; Hydrogen (in organic compounds) and of the most important metals.

(5) **CHEMICAL PHYSICS.**—Those sections of Physics which have an intimate bearing upon chemical research, viz., the properties of gases and liquids, including the kinetic theory of gases and the theory of solutions, the theory of heat, electro-lysis, and the wave theory of light; physical experimental methods which are applicable in chemical research; the discussion of the degree of accuracy of experimental results. Candidates will be advised as to the course of reading for this portion of the examination in the Advanced Experimental Physics Class.

(6) Candidates for High Honours (See § xii) will be expected to prepare a thesis embodying the results of a short original investigation.

Candidates who do not undertake an original investigation will be expected to show special familiarity with some branch of laboratory work, such as the preparation of some of the complex organic compounds; the assaying of ores; the analysis of foods or of poisons; the analysis of soils; water analysis or gas 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 or 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.) 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, etc., 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 degrees of excellence shown in theses, essays, reports, etc., 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 positions 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 in 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 the next Session of his attendance, on the day appointed for that purpose in the University Almanac, (Sept 13th, 1897.) A Supplementary Examination at another date can be obtained only by special permission of the Faculty. 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 in each subject, but in the case of students failing in more than two subjects, the maximum fee shall be Five Dollars.

(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 the same Session, except by special permission of the Faculty; and in cases in which a second Examination is granted, the fees must be paid a second time.

(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. The fee to be remitted with such notice.

(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 shall be subject to such penalty as the Faculty may see fit to impose.

§ XI.—Degrees with Distinction.—Degrees with Distinction will be conferred on undergraduates for special excellence shown at the Examinations of the Third and Fourth Years of any of the ordinary courses for degrees, Mathematics of the Second Year being for the purpose 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, in which "additional" private work is required as a condition of Distinction.

The terms used to designate the student's standing will be: With Distinction, With Great Distinction.

§ 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 shown at the Examinations in the subjects of such courses.

Successful candidates will be declared to have obtained their degrees, With Honours, With High Honours.

A candidate for Honours may defer his examination 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 not be able to spend four full years at the University, but may be able either to spend two full years or to give partial attendance for a longer period, short courses of study have been arranged, as specified below.

Students entering upon these courses are not required to pass any preliminary examination; but they are recommended not to enter classes in which some knowledge of the subjects studied is assumed, without first consulting the Professors as to their ability to enter with profit upon the work of the classes.

To students who attend the classes in these courses with regularity, show diligence in the class work, and are successful in passing the examinations, certificates will be issued stating the nature of the course pursued and the degree of success attained.

The details of the subjects studied in the classes mentioned below, will be found under Courses of Instruction (§§ I, XXV, XLVI.)

(1.) **Short Courses of Liberal Studies.**—The aim of this course is to give the student the same kind of training as that provided by the B. A. and B. L. courses. It consists of ten classes. Of these, two must be in English, and the remainder may be selected by the student, subject to the provisions of the Time Table, from the other subjects mentioned in this paragraph, with the following restrictions:—(a.) One of the four subjects—Latin, Greek, French, German—must be taken during two years, and if another of these subjects be selected, it also must be taken during two years. (b.) At least two of the four subjects—Mathematics, Physics, Chemistry, Botany,—and at least two of the three subjects—History, Political Economy and Philosophy,—must be taken for one year each; and any two of them, if subjects in which two classes are provided, may be taken during two years. The class in any subject in which a student shall enter will be that for which he is fitted by his previous study.

(3.) **Short Course in Subjects bearing on Journalism.**—The aim of this course is to enable a student to study as thoroughly as the time at his disposal will permit, subjects which have a direct bearing on newspaper work in Canada. It consists of the following classes:—English (2nd Year and Senior Classes), French (during two years), Junior Philosophy, Ethics, History, (Third and Four Year Classes), Political Economy, Constitutional History and Constitutional Law. Persons who have already acquired the requisite proficiency in some of the above subjects, may take other subjects in place of these or complete the course by attending the classes, and passing the examinations, in the remainder.

(4.) **Short Course in Subjects bearing on Commerce.**—This course is intended for young men who wish, before entering business offices to spend two years in studies bearing on their future work. It consists of ten classes, of which two must be in English, other two in one of the commercial languages—French, German,—the remaining six being selected from the following:—French, German, Mathematics, Physics, Chemistry, Political Economy, Contracts, Sales of Personal Property, Negotiable Instruments, Partnership and Companies, and Shipping and Marine Insurance.

Students who take this course may supplement it by obtaining, during the summer vacations, the practical training in business methods provided by a Business College.

§ XIV.—Classes not Qualifying for a Degree.—From time to time classes are organized for the benefit of persons not wishing to proceed to a degree. Announcements of such classes are made at the beginning of the term. During

the Session of 1896-97, Dr. MacMechan delivered a series of five lectures on Shakspeare's Historical Plays in the School for the Blind.

§ XV.—Medal, Prizes, Scholarships, and Bursary.

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

SIR WILLIAM YOUNG GOLD MEDAL.—Founded by bequest of the late Hon. Sir William Young, will be awarded to the undergraduates standing highest among those taking Honours in the department of Mathematics and Mathematical Physics.

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 the student standing highest among those graduating with Distinction. See § xi.

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 for membership in the North British Society. The next competition will take place in April, 1898.

THE WAYERLEY 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 of the Mathematics of the Year, the winner of the North British Society Bursary being excluded.

ENTRANCE SCHOLARSHIPS, BURSARY AND PRIZES.

(1) *Junior.*—The following Scholarships, Bursary and Prize are offered for competition at the Junior Matriculation Examination in the Faculties of Arts and Science, to students entering the First Year of the Faculties of Arts and Science.

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

(b) One *Professors' Scholarship*; 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 five candidates ranking highest at this examination, provided their standing be considered satisfactory by the Faculty. The successful candidates will be

allowed to select, in the order of their standing, the scholarships which they shall hold. The Mackenzie bursar is not eligible.

(c) One *Mackenzie Bursary*, of the value of Two Hundred Dollars, will be offered annually in accordance with the following condition of bequest:

"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 thereon."

Competitors of the name Mackenzie, Maclean or Fraser, who obtain Distinction will be given the preference. Should no candidate of the name of Mackenzie, Maclean or Fraser obtain Distinction, the Bursary will be awarded to the candidate standing highest among those obtaining Distinction.

The Bursary is payable in four annual instalments; and the payment of any instalment is conditional on the bursar's attending the classes required for undergraduates, and making satisfactory progress therein.

(2) *Senior.*—The following scholarships are offered for competition at the Senior Matriculation Examination in the Faculties of Arts and Science, to students entering the Second Year. See § v.

(a) One *Sir William Young Scholarship*; of the value of Forty Dollars, tenable for one year and payable in two instalments.

(b) One *Professors' Scholarship*; 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 two candidates ranking highest at this Examination, provided their standing is considered satisfactory by the Faculty. The successful candidates will be allowed to select, in the order of their standing, the scholarships which they shall hold.

SPECIAL PRIZE.—A prize in books of about the value of Ten Dollars is offered for competition among registered students of the Session 1896-7 for the best essay on "Democracy, its defects and remedies." Each essay shall bear a motto and be accompanied by an envelope bearing the same motto and containing the name of the writer. Essays are to be sent in to the Secretary of the Faculty of Arts on or before October 1st, 1897.

§ XVI.—1851 Exhibition Science Scholarship.—

The Scholarship offered by Her Majesty's Commissioners for the Exhibition of 1851, which is of the annual value of £150 sterling, and is tenable for two years (see Faculty of Science, § XXXIX), is open to students of the University.

§ 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 15th.)

All students not residing with relatives or friends are required to reside in approved lodging houses.

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 Session.

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

§ XVIII.—Church Attendance.—All students not residing with parents or guardians, are required to report to the President on or before the day appointed in the University Almanac, (October 16th), 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 places of worship.

§ XIX.—Discipline.—The Senate may use all means deemed necessary for maintaining discipline.

§ XX.—Degrees of Master of Arts and of Letters.

The degree of Master of Arts or of Letters will be conferred on a Bachelor of Arts or of Letters, respectively, if at least one year's standing and of good character, either on his submitting to the Faculty a satisfactory thesis embodying the results of original research on some literary, philosophical or scientific subject, or on his passing an examination in a course of study, appointed or approved by the Faculty, of at least the extent represented by the academic work of one year of the Arts or Letters Course. In the latter case no fixed courses of study are laid down, the intention being to encourage graduates to prosecute advanced courses of study either at this or at any other University or by private reading, and to adapt the courses to their individual tastes and capacities. But no course

of study will be approved unless it is confined either to one department of study or to closely related departments.

Theses must be sent to the Secretary to the Faculty on or before the first of March. Examinations will be held ordinarily at the time of the Spring Examinations; but in special circumstances they may be held in the Autumn. Candidates must give one month's notice of their intention to appear for examination. Fee to be remitted with notice.

The following courses have been recently prescribed for M. A. Examinations:—

PHILOSOPHY.

I. (a) History of Empiricism.—Locke; Essay; Berkeley; Principles and Siris; Hume; Treatise; Mill; Selections (Watson); Spencer; First Principles; Seth; Scottish Philosophy; Watson; Coole, Mill and Spencer.

(b) History of Ethics.—Plato; Republic; Aristotle; Ethics; Butler; Sermons; Mill; Utilitarianism; Spencer; Data of Ethics; Green; Prolegomena to Ethics; Seth; Ethical Principles; Watson; Hedonistic Theories.

(c) Philosophy of Religion.—Caird; Introduction to Philosophy of Religion; Lotze; Philosophy of Religion; Schurman; Belief in God.

II. (a) Locke; Essay; Berkeley; Principles and Siris; Hume; Human Nature; Reid; Inquiry; Seth; Scottish Philosophy; Royce; Modern Philosophy.

(b) Butler; Sermons; Mill; Utilitarianism; Spencer; Data of Ethics; Green; Prolegomena to Ethics; Seth; Ethical Principles; Dewey; Ethics; Sidgwick; History of Ethics; Watson; Hedonistic Theories.

(c) Caird; Philosophy of Religion; Lotze; Philosophy of Religion; Schurman; Belief in God; Watson; Christianity and Idealism.

CLASSICS.

Candidates for the degree of M. A. in Classics may present themselves for examination in any one of the following subjects:

1. Homer (Iliad or Odyssey); Hesiod; Aeschylus (Agamemnon, Choephoroi, Eumenides).
2. Aeschylus; Sophocles; Euripides (Bacchae, Hippolytus, Iphigenia in Tauris).
3. Thucydides; Herodotus, (Books IV-VI).
4. Demosthenes, (The Deliberation and the Public Forensic Speeches); Aeschines, (Against Ctesiphon); Isocrates, (Panegyric); Lysias (Against Erasthenes).
5. Plato, (Republic and Phaedo); Aristotle, (Ethics and Poetics).
6. Vergil; Horace; Lucretius.
7. Paetus and Terence.
8. Cicero, (Epistulae ad Atticum, Phillippics, De Officiis, De Finibus Bonorum et Malorum).
9. Livy, (Books I-VIII); Tacitus, (Annals).

Candidates will be expected to have a general knowledge of the whole literature to which their subject belongs, together with a thorough knowledge of the lives and works of the particular authors studied. Prose Composition and Sight Translation from other authors in the language chosen will also form a part of the examination.

Candidates may, on approval of the Faculty, be allowed to substitute for portions of the above, equivalents which have not been included in their undergraduate course, and Special Courses may be prescribed for candidates desiring to present themselves in both Greek and Latin.

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

§ 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.) Undergraduates and general students attending more than one class are expected to provide themselves with caps and gowns, and to wear the gowns at lectures and all meetings of the University. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black trencher with tassel.

(2.) Bachelors and Masters of Arts, and Bachelors and Masters of Letters, 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.

M. L.—Black stuff, with lining of light blue silk.

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

DOCTORS OF LAWS.—Doctors of Laws shall be entitled to wear gowns of black silk and hoods of black silk lined with purple silk.

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

No student is entitled to enter a class until he has paid the proper fees.

The following is a statement of the fees payable by students whether undergraduates or general students:—

Registration Fee, payable annually by all students taking more than one class	\$ 4 00
Registration Fee, payable by students taking only one class	2 00
Fee for each class attended, (not being Practical Classes), per Session	6 00
Fee for Junior or Senior Chemistry, if laboratory work is taken	10 00
Fee for the Practical Chemistry Class, five hours a week, per Session	8 00
Fee for the Practical Chemistry Class, ten or more hours a week	14 00
Fee for the Practical Physics Class, five hours per week, per Session	6 00
Fee for the Practical Physics Class, ten or more hours a week	12 00
Supplementary Examination Fee, payable on giving the notice required by § X. (7) either \$2.00 in each subject, or § X. (8)	5 00
Special Examination Fee, payable on giving the notice required by § X. (7) in each subject	2 00
Fee for Special Certificate of Standing, under Seal	5 00

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

*Fee for the B. A. or B. L. Examination, which is payable by candidates before the Spring Examinations of the Fourth Year	\$ 5 00
*Fee for M. A. or M. L. Examination, which must accompany the Thesis, or intimation of intention to appear for examination	10 00
Fee for B. A. or M. A., (<i>ad eundem gradum</i>)	10 00

*In cases of failure in the examination, the fee will not be returned; but a second examination will be allowed without further fees.

Faculty of Pure and Applied Science.

THE PRESIDENT *ex officio*.

C. MACDONALD, M. A.	J. LICHTH, A. M.
J. G. MACGREGOR, D. Sc.	A. MACNECHAN, Ph. D.
M. MURPHY, D. Sc., C. E.	E. GILPIN, JR., LL. D.
F. W. W. DOANE, C. E.	C. E. W. DODWELL, B. A., C. E.
R. MCCOIG, C. E.	W. C. MURRAY, M. A.
A. MCKAY, Esq.	A. W. H. LINDSAY, B. A., M. D.
I. M. SILVER, M. B.	S. A. MORTON, M. A.
C. ABERDEAL, M. E.	A. DICK, M. E.
H. W. JOHNSON, C. E.	W. T. KENNEDY, Esq.
G. J. MILLER, Esq.	E. MACKAY, Ph. D.

Dean of the Faculty: PROFESSOR MACGREGOR.

Registrar of the Faculty: PROFESSOR LICHTH.

Correspondence should be addressed to—*The Dean of the Faculty of Science, Dalhousie College, Halifax, N. S.*

§ XXV.—Courses of Instruction.

I.—MATHEMATICS.

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

First Year Class.

Daily, 11 A. M.—12 M.

As in the Faculty of Arts (see § 1 (vi), p. 27)—Undergraduates of this Faculty, taking Courses A, B, E, F, G, or H (§ XXX) will be expected both to qualify themselves by diligent study for taking, and to take, the additional work for Distinction.

Second Year Class.

Daily, 10—11 A. M.

As in the Faculty of Arts (see § 1 (vi), p. 27)—Undergraduates of this Faculty taking Courses A, B if they are to enter the Special Course in Chemistry and Chemical Physics, (§ XXX), E, F, G, or H, are required to qualify themselves by diligent study for entering, and to enter, the Higher Division of this Class. Only students who pass a satisfactory examination in the work of the Higher Division are admitted to the Advanced Class, which is one of the third year classes in the Courses mentioned above.

Advanced Class.

As in the Faculty of Arts (see § 1 (vi), p. 28)—The work of the First Division of this class is taken up in the Third Year, that of the Second Division in the Fourth Year.

The "partial course" of study prescribed in the Third Year of some of the B. Sc. Courses (§ XXX) consists of a portion of the work of the First Division, viz., Analytical Trigonometry, Analytical Geometry, and Differential Calculus.

The "partial course" prescribed in the Fourth Year of such Courses, consists of a portion of the work of the Second Division, viz., Differential and Integral Calculus and Differential Equations.

ii.—PHYSICS.

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

Tuesdays and Thursdays, 11 A. M.—12 M., and Fridays, 9—10 A. M.

The subjects 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.

Besides the Christmas and Spring Examinations, others are held at unspecified dates, and students are expected throughout the Session to hand in Problem Papers for correction and criticism.

Books of reference: Students are recommended to read Knott's *Physics* (W. & R. Chambers, Edinburgh, 1903) in connection with the lectures. Those who aim at passing merely will be expected to read only such portions as discuss subjects treated in class. Those who aim at distinction will be expected to read the whole book. Students taking courses E, F, or G, will be expected to read the chapters on Hydrostatics in Cvetterill and Slade's *Applied Mechanics* (Macmillan & Co.), other books recommended for reference: Daniell's *Principles of Physics* (Macmillan & Co.), Barker's *Physics*, *Advanced Course* (Macmillan & Co.) and Jones's *Essentials in Physics* (Macmillan & Co.)

Senior Physics Class.

Monday, Tuesdays and (for part of the Session) Fridays, 10—11 A. M.

The subjects studied in this class consist of those departments of Physics which are of special importance on account of their industrial applications. They will be treated as thoroughly as is consistent with the employment of elementary mathematical methods, no greater knowledge of Mathematics being assumed than may be acquired in the Second Year Class. About one-third of the lectures will be devoted to industrial applications, and for undergraduates required by § XXX to take only a "partial course" in this class, attendance at these lectures is voluntary.

The course being too extensive to be completed in a single Session, different portions will be taken up in alternate years, as follows:

In 1897-98, Heat, including a discussion of heat engines and Electricity and Magnetism, including a discussion of dynamo-electric machines. Maxwell's Theory of Heat (Longmans, Green & Co.), and Foster and Atkinson's Electricity and Magnetism (Longmans, Green & Co.), will be used as class-books,

candidates for Distinction being expected to read privately, the discussion in these books of subjects not fully treated in class, and to practice the solving of problems. Ewing's Steam Engines and other Heat Engines (Cambridge University Press) and Thompson's Dynamo-electric Machinery (Spion) will be used as books of reference in the lectures on industrial applications.

In 1898-99. The Kinematics and Dynamics (*a*) of a particle, (*b*) of a rigid body, and (*c*) of elastic solids and fluids. The "partial course" in this subject consists of (*a*) and (*b*). 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. In Section (*c*) of the work, students will be referred to other books.

Advanced Mathematical Physics Class.

As in the Faculty of Arts (see §1 (vii), p. 30)—The "partial course" of study in this class in the Fourth Year of some of the B. Sc. Courses (§XXX) consists of the following subjects:—

For 1897-98: Kinematics and Dynamics of a particle and of a rigid body.

For 1898-99: Either Thermodynamics or Electrodynamics.

Advanced Experimental Physics Class.

As in the Faculty of Arts (see §1 (vii), p. 30).

Practical Physics Class.

As in the Faculty of Arts (see §1 (vii), p. 30)—Students taking Course B (see §XXX) will devote a considerable portion of their time to physico-chemical methods of experiment; those in course C, to illustrative experiments and the determination of simple physical laws; those in course D, to thermal and electrical experiments; those in courses E, F, and G, to the elastic properties of bodies and thermal and electrical experiments; and those in course H, to electrical measurements.

III.—CHEMISTRY.

Junior Chemistry Class.

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

The lectures in this Class deal in an elementary way with the principles of General Chemistry. The inductive method is followed. The constituents of Water and Air are first studied, and when an acquaintance has thus been gained with some of the facts of Chemistry, the fundamental laws of combination are taken up and the Atomic Theory and Chemical Formulas are introduced. This is followed by a study of Chlorine and Carbon, and of the neutralization of Acids. The principal remaining elements are studied each in connection with the group of elements in the Periodic System to which it belongs. The lectures are illustrated as fully as possible by experiments. Examinations, oral or written, are held fortnightly, and occasional written exercises are required.

Every student is required to devote from three to five hours per week to laboratory work. The laboratory course is designed

to make the student familiar with ordinary laboratory operations and to give him a practical acquaintance with the elementary facts of Chemistry. Several common inorganic substances are prepared and studied; simple quantitative experiments are performed, and some time is devoted to elementary work in Qualitative Analysis.

Books recommended: Remsen's *Introduction to the Study of Chemistry* (Macmillan & Co.) or Steyer and Lindsay's *Manual of Chemistry* (American Book Co.). In the laboratory Remsen's *Introduction to the Study of Chemistry* is used.

Senior Chemistry Class.

Tuesdays and Thursdays, 9—10 A. M.

The lectures in this class are for the first few weeks devoted to a fuller discussion of some of the principles of Inorganic Chemistry than is given in the Junior Class. The constitution of Acids, Bases and Salts; the determination of Atomic and Molecular Weights; and the principal reactions used in Qualitative Analysis are the chief topics taken up. The remainder of the year is devoted to Organic Chemistry. Special attention is given in this part of the course to a study of the experimental evidence upon which the constitutional formulae of Organic Compounds are based.

From three to five hours weekly are devoted to laboratory work. This will include a fuller course in Qualitative Analysis than is given in the Junior Class, and in addition the preparation of pure laboratory reagents and of typical inorganic and organic substances.

Books recommended: In Organic Chemistry, Remsen's *Course in Organic Chemistry* (Macmillan & Co.). In Inorganic Chemistry reference will be given to text-books in the library.

Advanced Chemistry Class.

One hour weekly.

The subjects treated in this class will be:—

In 1897-8.—Methods of Quantitative Analysis.

In 1898-9.—History of Chemical Theory.

A part of the time of the class will be given to the study of such portions of the reading prescribed in the Special Course in Chemistry and Chemical Physics as offer special difficulty.

Advanced Practical Chemistry Class.

Courses are provided in General Quantitative Analysis, and, so far as the resources of the laboratory permit, in its special branches.

GENERAL QUANTITATIVE ANALYSIS.—The work in this course is designed to illustrate typical methods in Quantitative Analysis. It will include the quantitative estimation of Chlorine, Sulphur, Nitrogen, Phosphorus, Silicon, Carbon, Hydrogen and of the metals, Silver, Copper, Iron, Manganese, Aluminium, Calcium and Potassium. Volumetric methods, as well as gravimetric, are employed whenever applicable.

TECHNICAL ANALYSIS.—Students having a sufficient training in General Quantitative Analysis may undertake work in one or more of the following technical applications of analysis: (a) Assaying of Ores, (b) Analysis of Foods or Poisons (c) Analysis of Soils, (d) Analysis of Potable Waters, (e) Gas Analysis.

ANALYSIS.

The work of this course will include the assay of ores of the principal metals in the wet way, and the furnace assay of the ores of lead, copper and silver, the results being checked by analysis.

All students doing laboratory work are required to keep a detailed record of their experiments. The character of this record is a factor in determining the standing of a student in the class lists.

The Chemical Laboratory is fitted with desks for sixty-four students. A reference library is placed in the balance-room for the use of students doing analytical work.

The Laboratory is open daily, Saturdays excepted, from 10 a. m. to 1 p. m., and from 3 to 5 p. m. on Tuesdays, Wednesdays and Thursdays.

iv.—MINERALOGY.

Lecturer.....E. MACKAY, Ph. D.

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

The instruction in Mineralogy is given by means of lectures and laboratory work. The lectures are upon crystallography, the physical character of minerals, and the description of mineral species, and are illustrated by a collection of crystal models and the minerals of the McCulloch Collection. In the laboratory the student first learns the use of the blow-pipe and the chief blow-pipe reactions. Practice is then given in the determination of minerals by blow-pipe tests and by other methods. For Distinction two hours a week must be devoted to laboratory work.

Students who take this course must have previously taken Junior Chemistry, or an equivalent course in Chemistry.

Text Books: Williams' *Elements of Crystallography* (H. Holt & Co.); Dana's *Minerals and How to Study Them, and Manual of Mineralogy* (Wiley & Sons).

v.—APPLIED MECHANICS.

Lecturer.....J. G. MCGREGOR, D. Sc.

Tuesdays and Thursdays, 10—11 A. M.

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 1897-98. *Resumé of the principles of Dynamics.*—The Mechanics of Machinery, including (a) Kinematics; relative

velocities and accelerations; velocity and acceleration diagrams; link-work, wheel-tooth, belts, cams, the screw, conic mechanisms, bevel and skew gearing, parallel motions, etc. (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* (Macmillan & Co.) will be used as text book, being supplemented by reference to other works, such as Cotterill's *Applied Mechanics* (Macmillan & Co.)

In 1898-99. *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, Hoskins' *Elements of Statics* (Macmillan & Co.) being used as text book. Other books, such as Cotterill's *Applied Mechanics* (Macmillan & Co.) and Lanza's *Applied Mechanics* (J. Wiley & Sons) will be used for reference.

Students will be expected to acquire considerable power of solving problems, and to read privately, specified portions of books of reference on subjects not fully discussed in class.

vi.—DESCRIPTIVE GEOMETRY.

Lecturer.....S. A. MORTON, M. A.

This course of lectures will include the following subjects: Plane Geometry; construction of scales, construction and areas of plane figures, properties and construction of curves; Solid Geometry; problems on the straight line and plane, projection of lines, planes and solids, simple intersections of planes and solids, easy examples of projection of shadows.

Books of reference: Auzé's *Practical Plane Geometry and Projection* Millar's *Descriptive Geometry*, Lee's *Descriptive Geometry*.

vii.—DRAWING.

The following classes of the Victoria School of Art and Design are recognized as qualifying for a degree:

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

The 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.

viii.—CIVIL ENGINEERING.*

Lecturer.....M. MURPHY, D. Sc., C. E., *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.

ix.—SURVEYING.

Lecturers.....(E. McCall, C. E., *Asst. Provincial Engineer.*
(H. W. JOHNSTON, C. E., *Asst. City Engineer.*

Junior Class.

Once a week.

The subjects treated will be Chain and Angular Surveying; use and adjustment of Compass, Sextant Level (Dumpy, Wye, &c.), Transit, Theodolite, Aneroid Barometer; Plotting; Topography and Contouring.

Practical operations will be carried on in the field, and will include (1) Survey with Compass and Chain, (2) Triangulation with Sextant, (3) Road traverse with Compass, Sextant and Chain, (4) Road traverse with Transit and Chain, (5) Contour Survey, (6) Survey with Transit and Level, (7) Cross-sectioning with Level, (8) Cross-sectioning with hand level and levelling rods, and (9) Ranging Curves.

Senior Class.

Once a week.

Preliminary Survey, Location of a Railway, Laying out Work, Calculating and Estimating Quantities, Hydrographic Surveying, Mining Survey.

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

*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 student will pursue a course of reading under the supervision of the Lecturer.

x.—MINING.*

Lecturers.....(E. GILPIN, JR., A. M., LL. D.
(C. ARCHIBALD, M. E.
(A. DECK, M. E.

Three courses of about twelve lectures each will be given in the following subjects:

Geology in relation to Mining, Occurrence of Veins and Beds, Prospecting, and Preliminary Operations.

Shaft and Slope Sinking, Mining Operations, Ventilation, Valuation of Properties.

Pumping, Hoisting, Mining Appliances, Cleaning of Ores and Coal.

Text Books (preliminary list): Smith's Coal Mining; Andri's Treatise on Coal Mining; Chalmers's Coal Mining, Pennsylvania; Dean's Metalliferous Mines; Merrivale's Mines and Furnaces; Geddie's Outlines of Field Geology; Isheng's Manual of Mining.

xi.—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 gauging; Filtration and other methods of treating 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.

xii.—MUNICIPAL ENGINEERING.*

Lecturer.....F. W. W. DOANE, C. E.

Once a fortnight.

The subjects treated will be:—Streets,—laying out, opening, formation, sidewalks, paving, cleaning, sprinkling, street railways, obstructions, &c.; works of sewerage—grades, materials, foundations, sectional form, course, ventilation, flushing, subsoil drainage, intercepting sewers, sewage disposal, &c.; house drainage and plumbing, roof water disposal, cesspits, disposal of garbage, &c.; water supply, plumbing—service pipes, stopcocks, effect and prevention of waste, &c.

*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 Lecturer.

xiii.—BOTANY.

Lecturer.....

Tuesdays and Thursdays, 2-5:30 P. M.

The course in Botany will include a general sketch of the whole vegetable kingdom (from the Protophyta to the Anthophyta) with macroscopic and microscopic demonstrations of type forms illustrating the structure, development, physiology, products and principles of classification. General attention will be given to the native flora of the province, with special notice of foreign as well as native species of interest from economic, medicinal or injurious properties.

The preliminary study of Botany as indicated in Grade IX of the Public School Course, and especially the formation of a local collection of plants, even if unnamed and unclassified, will be an advantage to any student entering upon the course.

Practical instruction will be given in the collecting, drying and mounting of specimens, the use of the microscope, the preparing of microscopic sections, and the general dissection of plants; and all students will be required to present a collection of at least 100 plants, representing the local flora examined by them, together with their notes and drawings of microscopic work done during the Session, as a portion of their terminal examination. The use in class of a number of microscopes will be granted the students under the care and direction of the lecturer; but a hand lens, glass slides, cover glass, scalpels and other apparatus or books necessary to each student, shall be supplied by each for himself.

Students of the C or D Course in the Faculty of Pure and Applied Science are required in addition, during the summer vacation, to engage in practical botanical work, and to present, on entering their second year, 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.

xiv.—PHYSIOLOGY (INCLUDING EMBRYOLOGY).

The University provides no instruction in this subject; but the class conducted in the Halifax Medical College by Professor L. M. Silver, M. B., and C. D. Murray, M. B., is recognized as qualifying for a degree. The class meets on Tuesdays, Thursdays and Saturdays, at 11-12 A. M., and for part of the Session on Tuesdays at 5-6 P. M. for Embryology. The fee for the course is \$15.00.

Undergraduates who take this class as part of Course C (§ XXX), are not required to attend the lectures on Embryology or to pass an examination on that section of the class work.

Undergraduates who have taken this class as part of their courses are required either to present a certificate of having passed the examination of the Faculty of Medicine or to pass an examination conducted by the Examiner of this Faculty. In the latter case a fee of \$3.00 is to be paid to the Examiner.

xv.—HISTOLOGY.

The University provides no instruction in this subject, but the class conducted by G. M. Campbell, B. A., M. D., in the Halifax Medical College, is recognized as qualifying for a degree. The class meets on Mondays, Wednesdays and Fridays, at 11-12 A. M. The fee for the course is \$15.00.

The regulations as to examinations are the same as in the case of Physiology, the fee payable being \$3.00.

xvi.—ANATOMY.

The University provides no instruction in this subject, but the Junior or the Senior Anatomy Class and the Practical Anatomy Class conducted in the Halifax Medical College by Professor A. W. H. Lindsay, M. D., are recognized as qualifying for a degree. The Junior Anatomy Class meets on Mondays, Wednesdays, and Fridays, at 10-11 A. M. The Senior Class meets on Tuesdays, Thursdays and Saturdays, at 10-11 A. M. The fee for either of these classes is \$15.00. The Practical Anatomy Class meets daily, 3-5 and 8-10 P. M.; fee \$15.00.

Undergraduates who have taken the Practical Anatomy Class as part of their course are required to produce evidence of having, during their attendance on such class, carefully dissected at least three "parts" of the body.

Undergraduates who have taken the above classes as parts of their course are required either to present certificates of having passed the examinations conducted by the Faculty of Medicine or to pass before the Examiner of this Faculty a written examination in the subjects of the Junior or Senior Anatomy Class and an oral or practical examination on such "parts" of the body as they may have dissected. In the latter case an examination fee of \$3.00 is payable, which covers both written and oral examinations.

xvii.—MENTAL SCIENCE.

Professor..... WALTER C. MURRAY, M. A.

The class in Mental Science is that known in the Arts Faculty as Junior Philosophy 411 (V, p. 25.)

The aim of the course in Logic is chiefly disciplinary. In the Psychological course experiments will be introduced as much as possible not merely for purposes of illustration but also to supply data for inductions of psychological laws. Special attention will be given to the relation of Psychology to Educational methods.

Text Books: Minto's or Fowler's or Jevons' Logic; Titchener; Outlines of Psychology, James' Psychology, Orinor Course. Recommended for students in Education; Sully's Teachers' Handbook of Psychology; Morgan's Psychology for Teachers.

xviii.—EDUCATION.

Class of Theory and History.

Lecturers..... (Prof. W. C. MURRAY, M. A.
G. J. MILLER, Esq.)

The work of this class consists of two courses of lectures. The course on the Theory of Education is given by Prof.

Murray on Wednesdays, 4—5 P. M.; the course on the History of Education is given by Mr. Miller on Wednesdays, 5—6 P. M.

(1.) *Theory of Education.*

In this course the principal questions of educational science, such as the End, the Methods, the Studies, the Teacher, the School, will be considered. Three types of Educational Theory, Instructionism, Disciplinism, and Culture, will be critically considered.

Books recommended: Spencer's *Education*; Locke's *Thoughts on Education* (edited by H. H. Quick); Tarbin's *Theory and Practice of Teaching*; Lacroix's *Institutes of Education*; Lauric's *Language and Linguistic Method*; Fitch's *Lectures on Teaching*; Reports of Commissions on Primary and Secondary Education (Bureau of Education, U. S. A.); Huxley's *Notes on Education*; Newman's *Essay of a University*; Mill's *Instructional Address at St. Andrew's*; Ascham's *The Schoolmaster*; Milton's *Treatise on Education*; Aristotle's *Culture and Anarchy*.

(2.) *History of Education.*

This course consists of lectures and recitations on: The History of Education in different ages and countries; Comparison of Education Systems; Theories of Writers on Education; Eminent Educators.

Text Book: Williams: *History of Modern Education.*

Books recommended: Comenius: *History of Pedology*; Quick: *Educational Reformers*; Browning: *Educational Theories*; Paizler: *History of Education.*

Class of the Practice of Education.

Lecturers | ALEX. MCKAY, Esq.
| W. T. KENNEDY, Esq.

The work of this class will consist of (a) Lectures on School Management and School Law by Prin. Kennedy; (b) Lectures by Professors of the College and Prominent Teachers, on Educational subjects; (c) Observation of the practice of successful teachers, and practice in conducting schools; and (d) Discussions by Supervisor McKay, on points raised in the course of the observation and practical experience of the class.

Members of the class who pass satisfactory examinations on the subjects studied, and are favorably reported upon by Mr. McKay, the supervisor of their practical work, will be granted certificates showing the standard of excellence attained and the time spent in practice.

Students who take this class as part of Course C for the degree of B. Sc. (§ XXX) will be required to spend at least 150 hours in practical work under supervision approved by the Faculty. Those who take the class as part of the Course for the Diploma of Liberate in Education (§XXXVI) will be required to spend at least 300 hours in practical work.

Useful books: DeGarmo's *Essentials of Method*; Fitch's *Lectures on Teaching*; McMurray's *General Method*; Baldwin's *School Management*; *School Law of Nova Scotia, 1902.*

xix.—ENGLISH.

Professor..... ARCHIBALD MACMETHAN, PH.D.

As in the Arts Faculty, (§ III), p. 22.

XX.—FRENCH AND GERMAN.

Professor..... J. LEBLANC, M. A.

As in the Arts Faculty, (§ I III), p. 19.

§ XXVI.—**The Academic Year** consists of one Session. The Session of 1897-98 will begin on the 8th September, 1897, and end on the 26th April, 1898.

§ XXVII.—**Admission of Students.**—The regulations for the admission of students to the classes of this Faculty are the same as in the Faculty of Arts (§ III, p. 35).

§ XXVIII.—**Degree of Bachelor of Science (B.Sc.).**

(1.) The regulations for the admission of students to the courses of study leading to this degree are the same as in the case of the B. A. and B. L. degrees in the Faculty of Arts, (§ IV, 2—4, p. 33).

(2.) 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 degree, 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.**—(1.) The Junior Matriculation Examination by which a student may gain entrance to the first year of the various courses in this Faculty, is the same as that prescribed for candidates for entrance into the first year of the B. L. Course in the Faculty of Arts. The regulations as to distinction, exemptions, dates, scholarships, &c., are the same as in the case of the Junior Matriculation Examination of the Faculty of Arts (see § V., p. 34).

(2.) The subjects of the Senior Matriculation 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 Junior Matriculation Examination, and of the First Year of the course on which he wishes to enter (§ XXX.) The regulations as to exemptions, dates, scholarships, &c., are the same as in the case of the Senior Matriculation Examination of the Faculty of Arts. (See § VI., p. 36).

§ XXX.—**Courses of Study for Degree of B. Sc.**—Eight Courses of Study are provided, which lead to the degree of B. Sc. They are as follows:—

Course A 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 groundwork for a subsequent course in Engineering.

Course B has as main subjects Experimental Physics and Chemistry, and is intended to enable students to prepare themselves for higher teaching positions in those departments, or for engaging in chemical industries.

Course C includes a study of various sciences, of English and other Modern Languages, of Drawing, and of Education, and is designed to prepare students to discharge the duties of Science Masters in High Schools.

Course D has as main subjects Chemistry and Biology, and is especially suitable for students who intend to enter upon the study of Medicine. It includes a sufficient number of the scientific subjects of the medical curriculum to enable the student to shorten his subsequent medical course by one year. Students taking this course should matriculate in the Faculty of Medicine at as early a stage as possible. Classes taken in this course which are common to it and the M. D. C. M. course are recognized as qualifying for that degree, provided the student has already matriculated in Medicine, and pays the fees required by the regulations of the Faculty of Medicine.

Courses E, F, G, H, are intended for students who aim at becoming Civil, Mechanical, Mining or Electrical Engineer* respectively. Their main subjects are Mathematics, Physics (including Dynamics), Applied Mechanics, and Drawing, and they include also courses of lectures on the practice of different departments of Engineering, offered by leading engineers of the City of Halifax. Course H includes the foundation of pure science, and the earlier stages of the practical study of electricity, which are necessary for the electrical engineer.

The following is a statement of the classes which must be attended in the above 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 letters are attached, are common to all the Courses.

First Year.

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

Undergraduates in Courses C and D are required to present on entering their Second Year, either a report upon microscop-

ical work in some special department conducted 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.

Second Year.

- (1.) Mathematics.*
- (2.) Junior Physics.*
- (3.) Senior Chemistry.
- (4.) Drawing.
- (5.) English.
- (6.) For B, D, French or German. For A, C, E, F, G, H, Descriptive Geometry.

Third Year.

- For A.—Advanced Mathematics; Senior Physics†; Mental Science; French or German.
- For B.—Senior Physics†; Advanced Practical Chemistry; Mineralogy; Practical Physics; French or German.
- For C.—Practical Physics; Advanced Practical Chemistry; Mental Science; French or German; Drawing; Education (Theory and History, and Practice).
- For D.—Practical Physics; Advanced Practical Chemistry; Mental Science; French; German.
- For E.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Drawing; Surveying.
- For F.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Drawing; Surveying; French or German.
- For G.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Mineralogy; Drawing; Surveying; Advanced Practical Chemistry.
- For H.—Advanced Mathematics; Senior Physics; Practical Physics; Applied Mechanics (Mechanics of machinery) or Drawing; Advanced Practical Chemistry (in either 3rd or 4th year).

Fourth Year.

- For A.—Advanced Mathematics; Senior Physics†; Advanced Mathematical Physics; French or German or Practical Physics.
- For B.—Senior Physics†; Practical Physics; Advanced Practical Chemistry; French; German.

*Undergraduates taking Courses A, E, F, G, H, and those taking B, if they are to enter the Special Course in Chemistry and Chemical Physics, must give special attention to Mathematics in the Second Year. Unless they pass a satisfactory examination in this subject, including the additional work for Distinction, they are not allowed to enter the Advanced Mathematics Class in the Third Year. Undergraduates taking the above courses are required also to take the additional work for Distinction in the Junior Physics Class.

† Partial Course.

- For C.—Advanced Practical Chemistry or Practical Physics; Mineralogy; Physiology; Drawing; French or German; Education (Practice).
- For D.—Advanced Practical Chemistry; Physiology, including Embryology; Anatomy; Practical Anatomy; Histology; French or German. (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 must also satisfy its requirements as to the payment of fees.—See Faculty of Medicine.)
- For E.—Advanced Mathematics (partial course); Senior Physics; Advanced Mathematical Physics (partial course) or Practical Physics; Applied Mechanics; Mineralogy; Surveying; Civil Engineering; Hydraulic Engineering; Municipal Engineering.
- For F.—Advanced Mathematics (partial course); Senior Physics; Advanced Mathematical Physics (partial course); Practical Physics; Applied Mechanics; Civil Engineering; Hydraulic Engineering.
- For G.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Assaying; Mining; Surveying; Civil Engineering; Hydraulic Engineering.
- For H.—Advanced Mathematics; Advanced Mathematical Physics (partial course); Senior Physics; Practical Physics; Drawing or Applied Mechanics (Mechanics of Machinery); Municipal Engineering.

§ XXXI.—Special Courses for Degree of B. Sc.—

(1.) An undergraduate shall be allowed during the third and fourth years of his B. Sc. course, to restrict his attention to a more limited range of subjects than that of most of the above ordinary courses, provided his standing at the examinations of the First and Second Years, especially in the subjects corresponding to the Special Course on which he proposes to enter, seems to the Faculty to warrant such restriction.

Special Courses are provided in the following departments: (1) Pure and Applied Mathematics; (2) Mathematics and Physics; and (3) Chemistry and Chemical Physics.

An undergraduate taking a special course in any of these departments shall be required to attend the Advanced Classes provided in the subjects of such department (see § XXV), to make progress satisfactory to the Professors who conduct such classes, and to pass at the end of the Fourth Year, an examination in the subjects of such department; and he shall in some

cases be allowed to omit from the ordinary course he is pursuing, certain subjects specified below.

(2.) The Special Course in **Pure and Applied Mathematics** is open to undergraduates taking the ordinary courses A, E, F, G, and H. Those taking Course A may substitute Practical Physics for Mental Science in the Third Year. Those taking courses E, F, G, and H, must take the complete courses in Advanced Mathematics and Advanced Mathematical Physics. In course E any two of Senior Physics (Heat and Electricity), Applied Mechanics (Mechanics of Machinery) and Mineralogy may be omitted. In course F Assaying and Applied Mechanics (Theory of Structures) may be omitted. In course G Applied Mechanics (Theory of Structures) and Civil Engineering may be omitted. In course H one subject to be approved by the Dean may be omitted in the Fourth Year.

The subjects of examination are the same as in the corresponding course in the Faculty of Arts (see § VIII (11) p. 45).

(3.) The Special Course in **Mathematics and Physics** is open to undergraduates taking the ordinary course A. They are recommended to take German in the Second as well as the First Year. They are required in their Third Year to take Advanced Mathematics, Senior Physics (partial course), Practical Physics, Senior Chemistry, Practical Chemistry, and (if not taken in the Second Year) German; and in their Fourth Year, Advanced Mathematics, Advanced Mathematical Physics, Advanced Experimental Physics, Senior Physics (partial course) and Practical Physics.

They will be required in the course of their laboratory work in Physics and Chemistry to prove their ability to make accurate determinations of physical constants, to conduct investigations of physical laws, and to carry out qualitative and quantitative analyses (both gravimetric and volumetric) of inorganic bodies.

Those who aim at High Honours will be expected either to prepare a thesis embodying the results of a short original investigation, or to exhibit a high standard of excellence in the more mathematical parts of the course.

The subjects of the examination will be the same as in the corresponding Special Course of the Faculty of Arts (§ VIII (12) p. 46).

(4.) The Special Course in **Chemistry and Chemical Physics** is open to undergraduates taking the ordinary course B. They are recommended strongly to select German as one of the subjects of their Second Year. They are required in their Third Year to take the following classes:—Advanced Practical Chemistry, Advanced Mathematics (partial course),

Junior Physics (with work in the Laboratory), Senior Physics, and German; and in their Fourth Year, the following classes:—Advanced Practical Chemistry, Advanced Mathematics (partial course), Advanced Experimental Physics, Senior Physics and Practical Physics.

The subjects of examination and other requirements will be the same as in the corresponding Special Course of the Faculty of Arts (§ VIII (13) p. 47).

§ XXXII.—**Attendance.**—The regulations as to attendance are the same as in the Faculty of Arts. (See § IX, p. 48).

§ XXXIII.—**Examinations.**—The regulations as to Examinations are the same as in the Faculty of Arts. (See § X, p. 48).

§ XXXIV.—**The Degree of B. Sc. with Distinction** will be conferred on the same condition as the corresponding degree in the Faculty of Arts (§ XI, p. 50).

§ XXXV.—**The Degree of B. Sc. with Honours** in departments in which special courses are provided in this Faculty, will be conferred on the same condition as the corresponding degree in the Faculty of Arts (§ XII, p. 50).

§ XXXVI.—**Short Courses of Study for General Students.**—(1.) For the benefit of students who may be unable to spend four full years at the University, but may be able to give full attendance for shorter periods, or to attend a small number of classes for a series of years, short courses of study have been arranged.

Students entering on these courses are not required to pass any preliminary examination; but they are recommended not to enter classes in which some knowledge of the subject is assumed, without first consulting the Professors as to their ability to enter with profit upon the work of the classes.

To students who attend the classes of these courses with regularity, show diligence in the class work, and succeed in passing the Examinations, certificates will be issued stating the nature of the course pursued, and the degree of success attained.

The details of the subjects studied in the classes mentioned below will be found under Courses of Instruction (§ XXV).

(2.) **Short Course for Teachers.**—This course is intended to provide a thorough, systematic and practical training in education, together with a practical study of scientific subjects, such as will enable the student to present and illustrate such subjects adequately in the school.

It consists of the following classes (§ XXV):—Mental Science (Psychology Course), History and Theory of Education, Practice of Teaching, Practical Chemistry, Practical Physics, Mineralogy, Physiology, Botany and Drawing.

Diploma of Literate in Education (L. E.)—This Diploma will be awarded to students who have taken the above course, on the following conditions:

(a) Before entering upon it they must furnish evidence of general education, equal at least to that implied in the possession of the "B" Certificate of the Nova Scotian Education Office.

(b) They must pass satisfactory examinations in the subjects of the classes mentioned above, and receive the favorable report of those who conduct practical classes on their practical work.

(c) In connection with the Class of Practice of Teaching, they must have spent at least 300 hours in actual teaching; but a portion of this practical work may have been carried out in the summer vacation, provided it be under the supervision of Teachers, approved by the Faculty.

(d) The Course in Drawing must include at least 60 lessons, and must be in the department outlined in § XXV (vii).

(e) They must furnish certificates from teachers approved by the Faculty, of having attended a course of instruction of at least 30 lessons in Manual Training, and of having acquired proficiency both in this subject and in School Music (Tonio-Sol-Fa notation).—Instruction in both these subjects may be obtained in the City of Halifax.

(3.) **Short Course introductory to Medical Study.**—This course includes the more difficult subjects of the Medical Matriculation Examination, together with a sufficient number of the subjects of the Medical Curriculum to constitute an *arses medicinae*. It is as follows:

FIRST YEAR:—Latin; English; French; Mathematics; Junior Chemistry.

SECOND YEAR:—Junior Physics; Senior Chemistry; Mental Science; Botany; Anatomy.

(4.) **Short Courses for Engineering Students.**—The following courses are intended for students who are unable to give full attendance, but can give partial attendance for a number of years:

(a) CIVIL ENGINEERING.—Mathematics (1st and 2nd Years Classes); Descriptive Geometry; Drawing; Junior Physics; Senior Physics (Dynamics); Applied Mechanics (Theory of Structures and Strength of Materials); Surveying; Civil and Hydraulic and Municipal Engineering.

(b) MECHANICAL ENGINEERING.—Mathematics (1st and 2nd Years Classes); Descriptive Geometry; Drawing; Junior

Physics; Senior Physics; Applied Mechanics (Mechanics of Machinery); Hydraulic Engineering.

(c) **MIXING EXERCISES.**—Mathematics (1st and 2nd Years Classes); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Applied Mechanics; Chemistry; Practical Chemistry; Mineralogy; Mining; Surveying; Civil and Hydraulic Engineering.

(d) **ELECTRICAL ENGINEERING.**—Mathematics (1st and 2nd Years Classes); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Practical Physics; Applied Mechanics (Mechanics of Machinery).

§ XXXVII.—**Classes for Artisans.**—Classes are organized from time to time for artisans and other persons who are engaged in forms of work involving the application of scientific knowledge. These classes are usually held in the evening. Announcements with regard to them are made at the beginning of the Session.

§ XXXVIII.—**Medal, Prizes, and Matriculation Scholarships.**—The Sir William Young Gold Medal, and the Sir William Young and Professors' Scholarships and Mackenzie Bursary (awarded at matriculation) are open for competition to undergraduates of, or candidates for matriculation in, the Faculty of Science. See §§ v, xv, pp. 34, 52.

§ XXXIX.—**1851 Exhibition Science Scholarship.**—Her Majesty's Commissioners for the Exhibition of 1851 have, for some years, offered Scholarships in certain universities of the United Kingdom and the Colonies, with the intention of enabling students of science who have indicated high promise of capacity for original research, to continue the prosecution of science with the view of aiding in its advance, or in its industrial applications. In 1894 and 1896 they placed the nomination to one of these Scholarships at the disposal of this University, and it is expected that a similar nomination will be placed at the disposal of the University for the year 1898.

These Scholarships are of the annual value of one hundred and fifty pounds sterling, are tenable for two years, subject to the fulfilment of certain conditions mentioned below, or, by special resolution of the Commissioners, for three years, and are open to women as well as men.

The following are the conditions of nomination :

- (a) The nominee must be a British subject.
- (b) He (or she) must, at the date of the nomination, have been for a term of three years a *bona fide* Student of Science in a University or College (or in Universities or Colleges), in which special attention is given to scientific study, — a graduate who has continued to be a student at a College after graduation being regarded as a student.
- (c) He must have been a student of Dalhousie College either during the academic year, at the end of which the nomi-

nation is made, or during the previous year; but in the event of his having ceased to be a student of Dalhousie College at the end of the previous year, he must have been engaged during the year of nomination solely in scientific study.

(d) He must have indicated high promise of capacity for advancing Science or its applications by original research. Evidence of capacity for original research in Science is strictly required, this being one of the main qualifications for a scholarship; and the nominee will be selected from the students qualified for nomination mainly on the ground of superiority in this respect, though the general proficiency attained in the study of Science, special knowledge of departments of Science closely related to that to which the candidate intends to devote himself, and knowledge of such subjects as French and German, which are useful in the prosecution of research, will also be taken into account.

(e) There is no absolute restriction as to age; but a nominee whose age exceeds 30 will only be accepted by the Commissioners under very special circumstances.

The nomination which is to be made by this University to the Commissioners in London, will be referred by them to a committee of eminent scientific men, who will advise them upon it; and the nomination will take effect on its being confirmed by the Commissioners.

The scholarship may be held at any University in the United Kingdom or abroad, or in some other institution to be approved by the Commissioners, the only restriction being that the institution selected shall be properly equipped for the prosecution of Science. But a scholar will be required, in the absence of special circumstances, to proceed to an institution other than that by which he is nominated.

The scholar, during his tenure of the Scholarship, must devote himself wholly to study and research, more especially in some branch of Science, such as Physics, Mechanics, or Chemistry, the extension of which is especially important to our national industries; and he is not allowed during such tenure to hold any position of emolument.

The continuance of the Scholarship for the second year is dependent on the work done in the first year being satisfactory to the Scientific Committee appointed by the Commissioners.

Only one-fourth, at most, of the Scholarships granted in any one year, are renewed for a third year, the renewals being awarded to the most deserving of the candidates.

The conditions for the exceptional renewal of Scholarships for a third year are as follows :

(1) The scholar shall have published in the Proceedings of some Scientific Society, or in some Scientific Journal an account, approved of by the Scholars' Committee, of an adequate research.

(2) The scholar shall satisfy the Committee :—

That a continuance of the Scholarship for a third year is likely to result in work of scientific importance.
That such work is not likely to recompense the scholar pecuniarily.

That the scholar is not in a position to continue the work without the help of the Scholarship.

That the scholar intends, after the expiration of the Scholarship, to adopt a pursuit in which his studies during the Scholarship, will find useful practical application.

(3) The scholar shall undertake to make a detailed report to the Commissioners of his work during the third year.

(4) The conditions on which the Scholarship was originally granted shall apply in all respects to its continuance during the third year.

The Scholarship is payable half-yearly in advance through the Treasurer of this University; but £25 will be reserved from the last payment until the scholar has made a satisfactory final report.

The candidate nominated is required by the Commissioners to sign the following declaration:—

I, the undersigned, hereby declare that the particulars concerning me mentioned in the foregoing forms are correct, and I undertake that, if a Science Research Scholarship is awarded to me, I will hold it subject to the conditions laid down by Her Majesty's Commissioners for the Exhibition of 1881 with reference thereto, and I will, during its continuance, wholly devote myself to the objects of the Scholarship, and I will not during such continuance hold any position of emolument.

Students who desire to become candidates for nomination to the above Scholarship must make application to the President of the University on or before the 28th day of February, 1898. In making such application they must furnish a statement of the following particulars:—

(a) Name and address of candidate.

(b) Age of candidate.

(c) Institution or institutions in which candidate's term of study has been passed.

(d) Specific statement of qualifications of candidate, including particulars of his College career, and of original research in which he has been engaged.

(e) Name of institution to which candidate proposes to attach himself during tenure of Scholarship.

(f) Statement of the particular scientific work, specifying the branch of a science, to which the candidate proposes more especially to devote himself.

As this University is required to certify the correctness of the above statement in the case of the candidate nominated, the statement must be accompanied by satisfactory evidence as to all particulars which are not on the University records. Thus age, attendance at other Universities or Colleges, and accounts of original researches conducted elsewhere, must be properly attested.

§ XL.—Residence, Church Attendance, and Discipline.—The regulations as to residence, church attendance, and discipline, in this Faculty, are the same as in the Faculty of Arts. (See §§ XVII—XIX, p. 54).

§ XLI.—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 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.

(3.) Candidates for this degree must send their designs, &c., to the Dean of the Faculty on or before the first of March, and must, at the same time, pay a fee of Twenty Dollars.

§ XLII.—The Degree of Master of Science (M.Sc.).

—The degree of Master of Science will be conferred on a Bachelor of Science of at least one year's standing and of good character, either on his submitting to the Faculty a satisfactory thesis embodying the results of original research in some department of pure or applied Science, or on his passing an examination in a course of scientific study, appointed or approved by the Faculty, of about the extent represented by the academic work of one year of the B. Sc. Course. In the latter case no fixed courses of study are laid down, the intention being to encourage graduates to prosecute advanced courses of study either at this or at any other University, or by private reading and to adapt the courses to their individual tastes and capacities; but no course of study will be approved unless it is confined either to one department of Science, or to closely related departments.

Theses must be sent to the Dean of the Faculty on or before the first of March. Examinations will be held ordinarily at the time of the Spring Examinations; but in special circumstances they may be held in the autumn. Candidates must give one month's notice of their intention to appear for examination.

On transmitting the thesis, or on giving notice of intention to appear for examination, candidates must pay a fee of Ten

Dollars. In any case in which the degree is not granted the candidate will be allowed to make a second application for the degree, either by thesis or by examination, without payment of fee.

§ XLIII.—*Admission ad eundem gradum.*—Graduates in Science 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, and on payment of a fee of \$10.

§ XLIV.—*Academic Costume.*—Undergraduates and general students attending more than one class, are expected to provide themselves with caps and gowns, and to wear the gowns at lectures and all meetings of the University. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black trencher with tassel.

Bachelors of Science and of Engineering and Masters of Science 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.

For M. Sc.—Black stuff, with a lining of scarlet 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.

§ XLV.—*Fees.*—The regulations as to fees payable by students for classes conducted in the College shall be the same as in the Faculty of Arts (see § XXIV, p. 57.) For extra-mural classes the fees prescribed in the Institutions in which they are held, must be paid. In the subjects of Anatomy, Physiology and Histology, examination fees are payable, § XXV (xiv—xvi).

The graduation fees are as follows:—

Fee payable before the final Examinations for the B.Sc.	
Degree	\$ 5 00
Fee payable on application for the B. E. Degree	20 00
Fee payable on application for the M. Sc. Degree	10 00
Fee for an <i>ad eundem</i> Degree	10 00

In the event of the failure of a candidate for the B. Sc. or M. Sc. degree, the candidate will be admitted to one subsequent examination without the payment of a fee.

Faculty of Law.

THE PRESIDENT, *see officina*

RICHARD C. WELSON, M. A., Ph. D., D. C. L., Q. C.

BENJAMIN RUSSELL, M. A., D. C. L., Q. C., M. P.

C. SYDNEY HARRINGTON, Q. C.

GEORGE RITCHIE, LL. B.

HENRY McINNIS, LL. B.

CHARLES H. CARRAN, B. A., LL. B.

Dean of the Faculty—PROFESSOR WELSON.

Secretary of the Faculty—PROFESSOR RUSSELL.

§ XLVI.—*Courses of Lectures.*

The following Courses of Lectures to be given in the Session of 1897-8 will begin on the 1st of September, 1897, and end on the 11th of February, 1898.

CONSTITUTIONAL AND INTERNATIONAL LAW.

(*George Munro Professorship.*)

Professor.....R. C. WELSON, M. A., Ph. D., Q. C.

Constitutional Law.

Two lectures per week.

Subjects of lectures:

Constitutional Conventions. Royal Prerogative.
See Parliament. Colonial Laws Validity Act. B.N.A. Act.
Select Cases; Cartwright's Cases.

Constitutional History.

Two lectures per week.

Subjects of lectures:

Federalism 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 Charta*. Petition of Right. Bill of Rights. *Habeas Corpus*.

Text book: Tarwell-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 effect 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. Naturalization. Extradition. Blockade. Contraband.

Text book: Hall's International Law.

CRIMES.

Lecturer: PROFESSOR WELDON.

Two lectures per week.

Subjects of lectures:

Sources of Criminal law. Offences against Public Order, internal and external. Offences affecting the administration of Law and Justice. Offences against Religion, Morals and Public Convenience. Offences against the Person, and Reputation. Offences against rights of property and rights arising out of Contract and offences connected with trade. Procedure. Proceedings after conviction. Actions against persons administering the Criminal Law.

Text book: The Canadian Criminal Code, 1902.

SHIPPING.

Lecturer: PROFESSOR WELDON.

Subjects of lectures:

Registration of Shipping. Transfer. Mortgage. Bottomry and Respondentia. Charter Party. Bills of Lading. Collision. Damage. Salvage. Admiralty Law. Freight.

CONTRACTS.

Professor: B. RUSSELL, M. A., D. C. L., Q. C., M. P.

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.

SALES OF PERSONAL PROPERTY.

Lecturer: PROFESSOR RUSSELL.

One lecture per week.

[1898-99.]

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.

[1897-98.]

Subjects of lectures:

Formal Requisites. Consideration. Indorsement and Transfer. Real and personal defences. Over-due paper. Notice of Dishonor. Protest.

Text Book: McLaren on Bills.

EVIDENCE.

Lecturer.....Mr. C. S. HARRINGTON, Q. C.

One lecture per week.

[1898-99.]

Subjects of lectures :

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

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

PARTNERSHIP AND COMPANIES.

Lecturer.....Mr. C. S. HARRINGTON, Q. C.

One lecture per week.

[1897-98.]

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.

Text-Book : Lindley on Partnership.

REAL PROPERTY (First Year).

Lecturer.....Mr. GEORGE RITCHIE, LL. B.

One lecture per week.

Subjects of lectures :

Estates in Lands, Seisin, Limitation of Present Estates in Land, Limitation of Future Estates in Land, Powers, Rule in Shelly case, Rule against Perpetuities, Uses and Enjoyment of Different Estates in Lands, Nature of Rights.

Text books : Leake's Digest of Property in Land, Parts I and E and Gray's Leading Cases.

REAL PROPERTY (Second Year), AND WILLS.

Lecturer.....Mr. GEORGE RITCHIE, LL. B.

One lecture per week.

Subjects of lectures :

REAL PROPERTY.—Profit à Prendre, Easements, Covenants, Rents, Title by Prescription, Transfer by Deed, Mortgages, and the Rights and Duties of Mortgagor and Mortgagee.

WILLS.—History of Wills, Making of Wills, including Fraud, Mistake, Undue Influences, Contingent and Condition of Wills, Form and Execution of Wills, Revocation of Wills, Revival and Republication of Wills, Special Limitations and Conditions in a Will, their effects and legality, Office of Executor and Administrator, Estate of Executor and Administrators, Debts of Deceased, Devises, Legacies.

PRACTICE AND PROCEDURE.

Lecturer.....Mr. HECTOR McINNES, LL. B.

Subjects of lectures :

Judicature Act and Rules. General Principles of Pleading, and Rules of Practice.

TORTS.

Lecturer.....Mr. CHARLES H. CARRAN, B. A., LL. B.

One lecture per week.

Subjects of lectures :

Definitions. Torts considered with reference to Crimes and Contract. Defect, 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 books : Digby, or Pollock.

§ XLVII.—**The Academic Year.**—The academic year consists of one Session. The Session of 1897-98 will begin on the 31st of August, 1897, and end on the 19th of February, 1898.

§ XLVIII.—**Admission of Students.**—(1.) Students may enter the University by (a) furnishing satisfactory reference of 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 University.

(3.) Students who wish to obtain University Degrees must become undergraduates. They may become undergraduates by (a) passing the Matriculation Examination of the Arts Faculty 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.

§ XLIX.—**Degree of Bachelor of Laws.**—(1.) All candidates for the Degree of LL. B. are required to pass the Matriculation Examination of the Arts Faculty, or a recognized equivalent, to attend not less than five-sixths of the lectures given in each subject of the course of study, to pass the Prescribed Examinations in the subjects of the three years' course of study, and to argue at least three cases in the Moot Court.

(2.) 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 in Newfoundland, or in any of the British West India Islands shall be allowed the standing of Undergraduates of the First Year in the Faculty of Law, without passing any examination.

Such students, before registration as undergraduates in law must submit to the Dean their diplomas or certificates to establish their qualifications as graduates, undergraduates, or enrolled law students, respectively.

(3.) 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.

(4.) 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.

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

First Year.

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

Second Year.

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

Third Year.

- | | |
|-----------------------|--------------------------------|
| 1. International Law. | 4. Equity. |
| 2. Conflict of Laws. | 5. Sales of Personal Property. |
| 3. Evidence. | |
| 6. Procedure. | |

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 Session, will find it quite impossible to pass with credit the required examinations.

§ LI.—Sessional Examinations.—(1.) The Sessional Examinations will begin next Session on February, 12th, 1898.

(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 violate 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 not more than two subjects of the Sessional Examinations, he shall be allowed a supplementary Examination in such subject or subjects at the beginning of any subsequent Session.

(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 addressed to the Secretary of the Faculty Dalhousie Law School, Halifax, on or before August 23rd, 1897.

(6.) The Supplementary Examination for the present year will begin August 31st, at 3 p. m. Fee, \$5, payable on the day of the Examination.

§ LII.—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. Every candidate for a degree shall be required to take part in at least three arguments at the Moot Court. The senior counsel on either side shall be required to file briefs with the Dean one week before the day 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.

§ LIII.—Academic Costume.—Undergraduates and general students attending more than one class are expected to provide themselves with caps and gowns, and to wear the gowns at lectures and all meetings of the University. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black trencher with tassels.

Bachelors of Law 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.

§ LIV.—**The Library.**—The Library is in charge of a Librarian who will endeavor to make its resources available to the students and give them every possible assistance in the prosecution of their studies. Besides a good set of English and Canadian Reports, the Library has a number of sets of the leading American Reports, and will be found to contain almost all the books an undergraduate will have reason to consult. The principal English, American and Canadian legal periodicals are regularly taken. Students text-books are not found in the Library.

§ LV.—**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, 31st August, 1897, at 10 A. M., in the office of the Law School.

Registration Fee, payable only by General Students	8 2 00
Fee for each class attended, per Session, payable by General Students	10 00
Fee for each class attended, per Session, payable by students of the Affiliated Course	6 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 L. B. diploma, which is payable before the final examination, and will be returned in case of failure.	10 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, (see office.)

JOHN SOMERS, M. D.	ALEXANDER P. REID, M. D.
GEORGE L. SINCLAIR, M. D.	MATTHEW A. CURRY, M. D.
DONALD A. CAMPBELL, M. D., C. M.	MURRAY McLAUREN, M. D.
A. W. H. LINDSAY, M. D., C. M.	WILLIAM S. MUIR, M. D.
JOSEPH STEWART, M. B., C. M.	WILLIAM TORIN, M. B., C. S., JR.
A. C. PAGE, M. D.	HON. MR. JUSTICE HENRY,
DANIEL McNEIL PARKER, M. D.	LOUIS M. SILVER, M. B., C. M.
EDWARD FARRELL, M. D.	FRED. W. GOODWIN, M. D.
ANDREW J. COWIE, M. D.	F. U. ANDERSON, M. B., C. S., ENG.
JOHN F. BLACK, M. D.	ESENEER McCRAY, Ph. D.

Dean of the Faculty: DR. FARRELL.

Secretary of the Faculty: DR. LINDSAY.

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

I.—CHEMISTRY.

(McLeod Professorship.)

Professor..... E. MACKAY, Ph. D.

Junior Chemistry Class.

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

CLASS WORK.—The lectures in this class deal in an elementary way with the principles of General Chemistry. The inductive method is followed. The constituents of Water and Air are first studied, and when an acquaintance has thus been gained with some of the facts of Chemistry, the fundamental laws of combination are taken up and the Atomic Theory and Chemical Formulae are introduced. This is followed by a study of Chlorine and Carbon and of the neutralization of Acids. The classification of the elements is then discussed, and thereafter the principal remaining elements are studied, each in connection with the group of elements in the Periodic System to which it belongs. The lectures are illustrated as fully as possible by experiments. Examinations, oral or written, are held fortnightly, and occasional written exercises are required.

LABORATORY WORK. Every student is required to devote at least three hours a week to laboratory work. The laboratory

course is designed to make the student familiar with ordinary laboratory operations and to give him a practical acquaintance with the elementary facts of Chemistry. Several common inorganic substances are prepared and studied; Simple Quantitative Experiments are performed; and some time is devoted to elementary work in Qualitative Analysis.

Books recommended: For class-work, *Benson's Introduction to the Study of Chemistry* (Macmillan & Co.), or *Storer and Lindsay's Manual of Chemistry* (American Book Co.). For laboratory work, *Benson's Introduction to the Study of Chemistry*.

Senior Chemistry Class.

Tuesdays and Thursdays, 9-10 A. M.; Fridays 10-11 A. M.

CLASS WORK.—The subjects of study in this class fall into two sub-divisions. In one of these sub-divisions, taken up on Tuesdays and Thursdays, the lectures are upon pure Chemistry; in the other, taken up on Fridays, the lectures are upon the applications of Chemistry to Medicine. In the sub-division of pure Chemistry, the first few weeks are devoted to a fuller discussion of some of the principles of Inorganic Chemistry than is given in the Junior Class. The constitution of Acids, Bases and Salts, the determination of Atomic and Molecular Weights, and the principal reactions used in Qualitative Analysis are the chief topics taken up. The remainder of the year is devoted to Organic Chemistry. Special attention is given in this part of the course to a study of the experimental evidence upon which the constitutional formulae of Organic Compounds are based. In the sub-division of Medical Chemistry the subjects of study are, for the first half year, the chemical properties and modes of detection of the more commonly occurring poisons; and, for the second half year, Physiological Chemistry. In the latter subject the chief topics treated are:—The chemical properties of the protein substances; the blood; the digestive fluids and digestion; and the principal animal secretions, especially Urine.

LABORATORY WORK.—All members of the class are required to devote at least three hours a week to laboratory work. This will include the completion of the course in Qualitative Analysis begun in the Junior Class, extended by a study of the tests of the chief organic poisons; the preparation and study of a few typical organic compounds; and experiments in Physiological Chemistry. Under the last head will be studied typical Carbohydrates, as starch and dextrose, typical protein substances, as white of egg, typical food-stuffs, as milk and flour; and in addition experiments will be performed illustrating digestive processes, and illustrating the chief reactions of Urine, both normal and pathological.

For students who can devote sufficient time to the subject a more extended laboratory course in Physiological Chemistry is given, including, in addition to the preceding, the spectroscopic examination of blood, and the quantitative estimation of the chief constituents of Urine.

Books recommended: For ordinary use, *Benson's Compounds of Carbon* (Macmillan & Co.); *Halliburton's Essentials of Chemical Physiology* (Longmans); For reference, *Benson's Medical Jurisprudence and Toxicology* (Haklister, Son & Co.); *Hannemann's Text-book of Physiological Chemistry* translated by Maudsl (Wiley & Sons).

CHEMICAL LABORATORY.

The chemical laboratory is fitted with desks for sixty-four students. A reference library is placed in the balance-room for the use of students doing analytical work.

Laboratory students are allowed the use of all the more inexpensive reagents. They are required to provide themselves with the more expensive reagents, as alcohol and ether; and they are charged with the value of apparatus they have broken or injured.

The laboratory is open daily, Saturdays excepted, from 10 a. m. to 1 p. m., and from 3 to 5 p. m. on Tuesdays, Wednesdays and Thursdays.

II.—BOTANY.

Lectures.....

Tuesdays and Thursdays, 2-3.30 P. M.

The course in Botany will include a general sketch of the whole vegetable kingdom (from the Protophyta to the Anthophyta) with macroscopic and microscopic demonstrations of type forms illustrating the structure, development, physiology, products and principles of classification. General attention will be given to the native flora of the province, with special notice of foreign as well as native species of interest from economic, medicinal or injurious properties.

The preliminary study of Botany as indicated in Grade IX of the Public School Course, and especially the formation of a local collection of plants, even if unnamed and unclassified, will be an advantage to any student entering upon the course.

Practical instruction will be given in the collecting, drying and mounting of specimens, the use of the microscope, the preparing of microscopic sections, and the general dissection of plants; and all students will be required to present a collection of at least 100 plants representing the local flora examined by them, together with their notes and drawings of microscopic work done during the session, as a portion of their terminal examination. The use in class of a number of microscopes will be granted the students under the care and direction of the lecturer; but a hand lens, glass slides, cover glasses, scalpels and other apparatus or books necessary to each student, shall be supplied by each for himself.

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.

§ LVII.—**The Academic Year.**—The Academic Year consists of one session. The Session of 1897-8 will begin on Monday, October 4th, 1897, and end on Tuesday, April 26th, 1898.

In order to qualify for Degree Examinations the Medical Academic year must include attendance on at least two of the following six months courses: Anatomy, Practical Anatomy, Chemistry, Physiology, Materia Medica, Surgery, Obstetrics, Gynecology and Diseases of Children, Medicine; or one such course and two of the following: Botany, Practical Chemistry, Histology, Medical Jurisprudence, Pathology, Therapeutics, Clinical Medicine, Clinical Surgery. Certificates indicating less than 90 p. c. of attendance upon any class will not be accepted without valid reason for absence being shown.

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

§ LIX.—**Matriculation Examination.**—1. Candidates for medical degrees must give evidence of having obtained a satisfactory general education, by presenting certificates of having passed, before entering on the course of study qualifying for the degree, either the Matriculation Examination of the Provincial Medical Board of Nova Scotia or some other examination recognized by the Senate as sufficient.

Information as to the Matriculation Examination of the Provincial Medical Board may be obtained on application to the Registrar of the Board, J. A. W. H. Lindsay, Halifax.

2. A certificate of the possession of a University Degree in Arts or Science, or of the Teacher's Grade "A" License of Nova Scotia, or of having passed the Preliminary Examination of the Nova Scotia Barrister's Society, shall be considered by this University sufficient evidence of satisfactory general education.

3. The Matriculation and Sessional Examinations of any Chartered University or College; the Junior and the Senior Leaving Examinations of the High Schools, (N. S.) with 50% in

each subject; the First Class Teachers' License of either Nova Scotia, New Brunswick or Prince Edward Island; and also the preliminary Examination of any Medical Licensing Board authorized by law in Her Majesty's dominions will be recognized *pro tanto*.

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

§ LX.—**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.

§ LXI.—**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 before 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 at least six months lectures each, in each of the following subjects, viz.: Anatomy, Chemistry; 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, the upper and lower extremities, thorax and abdomen) 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 six months in each of the following subjects, viz.: Physiology (including Embryology), Histology, Botany, Practical Chemistry.

2. Candidates will be required to pass written and oral examinations in Chemistry (Junior and Senior), Botany, Anatomy (Junior and Senior), Physiology (including Embryology), Histology, and shall also be required to pass a written and practical examination in Practical Chemistry.

3. The Primary M. D., C. M. Examination will be held in the second and third weeks 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.

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

5. 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.

NOTE.—In the application of this sub-section, Practical Chemistry is to be taken as well as Chemistry.

6. Candidates who appear for examination in Botany, etc., at the end of their 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.

7. Should the candidate fail to pass in any subject or subjects, the fee will not be returned to him, but he will be permitted to present himself again for Examination in such subject or subjects on payment of \$5.00 for each subject.

§ LXII.—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 Degree of Doctor of Medicine and Master in 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 § LXI, passed the same examination at the Halifax Medical College.

(3.) Of, after passing the Matriculation Examination, having attended during four academic years, (as in § LVIII) 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.

(4.) Of having, after passing the Matriculation Examination, attended at the Halifax Medical College, or at some other College or School of Medicine approved by the Senate, two courses of six months each, in each of the following subjects, viz: Principles and Practice of Surgery, Obstetrics and Diseases of Women and Children, Principles and Practice of Medicine, Materia Medica and Therapeutics; two courses of lectures of seventy-five lectures each, in each of the following subjects, viz:—Clinical Medicine, Clinical Surgery; one course of seventy-five lectures in Medical Jurisprudence, including Hygiene and Inanity, one course of at least seventy-five lectures and demonstrations in Pathology and Bacteriology, and one course of at least twenty-five 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 having attended during at least six months the practice of a Dispensary or of the out-patient department of a general Hospital.

(6.) Of having, after passing the Matriculation Examination, served at least six months as a dresser in the Surgical wards, and six months as a Clinical Clerk in the Medical wards of a recognized Hospital, or otherwise given satisfactory evidence of practical work in Surgery and Medicine.

(7.) Either of having, after passing the Matriculation Examination, attended at the Halifax Medical College, or at some other 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. Persons submitting a college certificate must also show that they have passed a satisfactory examination at the end of their course of instruction.

(8.) 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.

(9.) Of having, after passing the Matriculation Examination, obtained proficiency in the practice of Vaccination.

Institutions.

THE UNIVERSITY LIBRARY.

The *Library consists of about 7,200 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; the ROBERT MORROW COLLECTION of works on Northern Antiquities and Languages, presented by Mrs. Robert Morrow; the SETH COLLECTION of Philosophical works, purchased with the proceeds of a course of Lectures on Psychology to teachers given by Professor James Seth; the DEMILLE MEMORIAL, presented by Dr. MacMechan from the proceeds of a course of Lectures on Shakspeare; the LAWSON LIBRARY, presented by the daughters of the late Professor George Lawson, LL. D.; the Mc'ULLOCH COLLECTION, from the Library of the late Rev. W. Mc'ulloch, D.D.; the MACMECHAN COLLECTION of English books, purchased with the proceeds of a course of Lectures on Shakspeare given by Prof. MacMechan; the MEMORIAL COLLECTIONS of the Classes of '94, '95, and '97; and a collection of English books purchased with the proceeds of a Dramatic Entertainment given by the Class of '96, under the supervision of Dr. MacMechan.

Although there is no fund at the disposal of the Librarian for the purchase of books, the number of additions to the Library, through presentations, during the past year exceeds 420 volumes. This number does not include pamphlets, reports, calendars, etc.

Dr. MacMechan has very generously devoted the proceeds \$263.00, of a course of public Lectures on Shakspeare, to the purchase of books for the English department. But three years ago Dr. MacMechan presented the DeMille Memorial.

From Dr. Forrest the Library has received 111 volumes, including a set of the MONTHLY REVIEW, vols. 23 to 56 and 59 to 96.

Rev. Andrew Robertson, M.A., of St. John's, Newfoundland, has given a splendid set of "The Principal Navigations,

Voyages, Traffiques and Discoveries of the English Nation," collected by Richard Hakluyt Procher and edited by E. Goldsmid, F. R. S., and published at Edinburgh, 1884-90.

The gifts of the Graduates and Undergraduates this year to the Library, both in number and value, exceed those of previous years. By the Alumni Association twenty volumes have been given to the Science Department. A. H. R. Fraser, LL.B., the Librarian of the Cornell Law Library, has given the English and the American Historical Reviews, several publications of the American Economic Association and Stephen's Liberty, Equality, Fraternity. Prof. Eliza Ritchie, Ph. D., of Wellesley College, has given to the Canadian Corner ten volumes of poetry and prose by such writers as Roberts, Carman, Bourinot and Parker. The Class of '95 has given the Standard Edition of Bacon's Complete Works, that of Spedding and Ellis (14 vols.), and Jebb's Edition of Sophocles (7 vols.) for a Class Memorial. The Class of '96 for its Memorial is giving the magnificent edition of the *Jeant Relations*, now being edited by R. G. Thwaites and published by Burrows Bros., Cleveland. This edition will consist of 60 volumes. The Classes of '98 and '99 have promised substantial donations for similar Memorials. These will complete the Memorials for the nineties, beginning with '94. It is to be hoped the new century will do as well, if not better. Other donations from Graduates and Undergraduates are as follows—Class of '95, 1 vol., completing Class Memorial; Prof. S. A. Morton, M.A., 2 vols.; H. Melnes, LL.B., 1 vol.; Prof. V. E. Coffin, Ph. D., 1 vol.; Dr. D. A. Murray, 1 vol.; G. K. Butler, M.A., 1 vol.; Miss E. Stewart, 1 vol.; Student's Missionary Comm., 3 vols.; W. T. McKinnon, 1 vol.; DALHOUSIE GAZETTE, 8 vols. of periodicals; Editors of *Theologian* 8 vols. of their periodical.

Presentations have also been made by the following:—

Macmillan & Co., 33 vols.; Prof. R. A. Falconer, 22 nos. of *Classical Review*; Prof. W. C. Murray, 6 vols.; Lectures on Education, Dr. MacMechan, 3 vols. each; G. U. Hay, F.R.S.E., Early English Text Soc., Colben Club, A. Shortt, Esq., 2 vols. each; Prof. C. Macdonald, Judge Frowse, Dr. Fryer, J. A. Johnson, Esq., C. H. MacCormack, Esq., Miss H. Bartlett, T. Laurie, Esq., J. H. Burnham, Esq., 1 vol. each; Dr. Kingsford, 2 pamphlets; Dr. Ruth Gentry, 1 pamphlet; Dominion Alliance, 1 vol.

Reports have been received from the following:—

Dominion Government, 14; Bureau of Education, U. S., 10; Natural History Society, N. B., 4; Institute of Science, N. S., 3; Harvard College, 3; Royal Society, Canada, 2; Smithsonian Institution, 2; Geological Survey, Canada, 2; Meteorological Department, Canada, 12; Institute of Civil

*For Law Library see Law Faculty section of the Calendar. Students are admitted to some of the privileges of the Legislative and Citizens' Libraries.

Engineers, 2; Naval Observatory, U. S., 1; Educational Association, N. S., 1; Education Offices of N. S., of N. B., of Quebec, 1 each; Her Majesty's Commissioners of 1851 Exhibition, 1; Newberry Library, 1; "Public Libraries," 1; International Y. M. C. A., 1; McGill University, 1.

Calendar have been received from the following Universities and Colleges:—Edinburgh, Glasgow, Aberdeen, St. Andrew's, London, Durham, Bristol, Victoria, Dundee, Sydney, Melbourne, Buenos Ayres, Princeton, Yale, Harvard, Cornell, Michigan, Brown, Johns Hopkins, Tufts, Bryn Mawr, Oberlin, Mass. Institute of Technology, Stevens Institute of Technology, Rose Polytechnic, De Pauw, Texas, Hartford, Manitoba, Toronto, MacMaster, Queen's, McGill, Ottawa, Bishops, Trinity, Laval, Niagara, Morrin, School of Mining and Agriculture, Kingston, Presbyterian Theol. Coll., Halifax, New Brunswick, Mount Allison, Acadia, Kings, Prince of Wales, St. Dunstan's, St. Francis Xavier, St. Joseph's, Wesleyan Theol. Coll., Montreal, Presbyterian Theol. Coll., Montreal, L'Academie Commerciale Montreal, Cumberland, St. Mango's, London Hospital and Medical College, Colorado, Hartford Theol. Seminary, St. Boniface, Man.

Periodicals have been regularly placed on the Reading Tables and in many cases given to the Library by the following:—Editors Dalhousie Gazette: *Century*, *Harpers*, *McClure*, *Oaking*, *Classical Review*, *Review of Reviews*, *Political Science Quarterly*, *Educational Review (N. B.)*, *Book Reviews*; Prof. C. Macdonald: *Nineteenth Century*; Prof. MacGregor: *Nature*, *Science*, *Phil. Magazine*, *Physical Review*, *Joorn. Phys. Chemistry*; Prof. W. Murray: *Mind*, *Philos. Review*, *Psychol. Review*, *Int. Jo. of Ethics*, *Spectator*, *Nation*, *Forum*, *Educ. Review (N. Y.)*; Prof. H. Murray: *Cosmopolitan*, *The New Century*; Prof. E. Mackay: *Popular Science Monthly*; A. H. Fraser, LL. B.: *American Historical Review*, *English Historical Review*, *Publications of American Economic Association*; J. W. Tapper, M. D.: *Citizen*.

Mrs. Webber, Harvey St., Halifax, has presented to the College a portrait of her father, the celebrated Judge Haliburton, which has been placed by the Senate in the Library.

The Library has been open four days each week from 10 to 1 and 3 to 5. Over 3200 books were taken out during the session. There has been an appreciable increase in the number of students who spend some time reading in the Library. The loss of books for the past year is ten, but eight of those reported missing previous to November, 1893, have been recovered. Again the Librarian has great pleasure in reporting that the students have not only contributed very liberally in presentations, but have rendered every assistance in the recovery of missing books and in securing quiet during reading hours.

This year there were several changes in the assistants. Mr. G. K. Butler, M.A., divided the work for the first half of the session with Miss Bessie Cumming, B.A. During the interval between Mr. Butler's departure and the appointment of Mr. E. W. Forbes, M.A., Miss Ethel Muir, Ph.D., assisted Miss Cumming. Each assistant discharged his or her duties well. However, it takes a little time for the new-comer to get initiated. Miss Cumming was exceedingly obliging in helping the newcomers and in taking charge when the others were unable to be present.

The salary of the Assistant to the Librarian was provided by the Board of Governors.

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 1884, by the late Rev. William McCulloch D.D., of Truro, with a fund of \$1,400 for extending the collection. 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, also rock specimens, a set of carboniferous fossils, chiefly Nova Scotian, and a collection of European cretaceous fossils, Indian implements, shells of recent molluscs, native plants, etc. 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. An arrangement has been made with Mr. T. J. Egan, by which his valuable collection, containing about three cases, of native birds, has been placed in the Museum on loan.

The PATTERSON ARCHAEOLOGICAL COLLECTION—This collection of Indian Antiquities was made by Rev. George Patterson, D.D., LL. D., F. R. S. C., 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 exhibit-

*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.

bition 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 illustrate 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. There is 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 archaeological collections of the Smithsonian Institution, contains full particulars of the localities where the several specimens were obtained.

A collection of Nova Scotian plants, mounted and systematically arranged, is being formed by members of the Philomathic Society, who collect during the summer months.

THE GYMNASIUM.

Instruction is furnished by a competent Gymnast.

All male students, on paying the registration fee, are entitled to the use of the Gymnasium.

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.

ABSTRACT OF MINUTES OF ANNUAL REPORT.

The annual meeting of the Association was held at the College on the evenings of the 26th and 27th of April, 1897, Vice-President J. W. Logan in the chair.

The chairman addressed the meeting on the object and aims of the Association, and expressed regret at the President's enforced absence.

The Secretary presented the report of the Executive Committee, which pointed out that a number of the members were in arrears for subscriptions, and suggested that the Association or the incoming Executive Committee should endeavour to find some plan whereby the delinquents would be aroused to a sense of their duty.—From the report of the Dean of the Faculty of Science to the Executive, re the grant to that Faculty, it appeared that even the small grant which the Association had been able to vote, had been of great advantage. The Executive Committee recommended that the grants should be continued during the coming year. The Executive Committee further reported that under resolutions passed at the last annual meeting they had been getting information from the different colleges in the United States and Canada in circumstances similar to our own, with reference to the governing bodies of the Universities and their relations to the Alumni Associations, and also as to the practice pursued with regard to the publication of annual financial statements, but that they had not been able to prepare reports; and they recommended that the information so far obtained be handed over to the incoming Executive with instructions to report upon it.—In closing the report the Executive Committee made a fitting reference to the loss the College had sustained by the death of Mr. Adam Burns, one of the members of the Board of Governors.

The Treasurer's report showed the following receipts and disbursements for the past year—

RECEIPTS.	
Balance from previous year.....	99 32
Annual subscriptions	61 90
	—\$160 22
DISBURSEMENTS.	
Paid on acct. grant to Science Faculty	\$23 00
Sundry Expenses	13 25
	— 36 25
Balance on hand.....	\$ 123 97

It was resolved to continue the Alumni grant to the Science Faculty.

The incoming Executive were instructed to report on the system of government of other colleges in circumstances similar to our own, and also to report on the practice pursued in such colleges as to the publication of annual financial statements.

The incoming Executive were further instructed to draw up a suitable resolution in reference to the death of Mr. Adam Burns.

Prof. E. McKay on the second evening of the meeting presented the report of a committee appointed on the first evening to draw up a scheme for the formation of local branches of the Association. An interesting discussion followed, with the result that the report, together with the modifications suggested in the discussion were referred to the incoming Executive to be reported upon at a special meeting.

The following committee was appointed to arrange, if possible, for the purchase of the lot of land in front of the College, bounded by College, Summer, Morris and Carlton Sts., for general College and athletic purposes, viz.: Messrs. W. R. Wallace, J. G. MacGregor, J. A. MacKinnon, D. K. Grant, and W. K. Thompson.

A resolution expressive of the Association's regret at the retirement of the Treasurer, Mr. W. D. Cameron, was unanimously adopted.

The following officers were elected for the academic year 1897-98:

<i>President</i>	PROF. E. MACKAY, B. A., PH.D.
	{ R. M. MACGREGOR, B. A.
	{ E. E. JORDAN, B. A.
<i>Vice-Presidents</i>	{ W. R. CAMPBELL, M. A.
	{ L. P. D. TILLEY, LL.B.
	{ J. W. LOGAN, B. A.
<i>Secretary</i>	R. T. MACLEITH, LL.B.
<i>Treasurer</i>	S. A. MORTON, M. A.
	{ PROF. H. MURRAY, B. A.
	{ D. K. GRANT, M. A., LL.B.
<i>Other Members of Execu-</i>	PROF. J. G. MACGREGOR, D. Sc.
<i>tive Committee</i>	{ H. MACINNIS, LL.B.
	{ W. E. THOMPSON, LL.B.
	{ J. A. MACKINNON, B. A., LL.B.

STUDENTS' SOCIETIES.

General Student's Meeting.

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 DALLHOUSIE GAZETTE is published by the students of the University under the authority of the General Students' Meeting. The Editors appointed by the Arts Students for

1897-8 are as follows: W. H. Sedgewick, Bessie R. Lewis, F. H. Mackintosh, Roy Davis, Margaret Chase, and E. H. Ramsay. Others will be appointed by the Law and Medical Students at the beginning of the session. Financial Editor—Geo. Wood.

Arts Students' Society.

This Society meets 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>	A. M. HERR.
<i>Vice-President</i>	R. GLAVIN.
<i>Secretary-Treasurer</i>	C. F. LISBAY.
	{ HECKY MURRAY.
<i>Executive Committee</i>	{ A. H. S. MURRAY.
	{ JOHN DOELL.

The Sodales Debating Club.

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

OFFICERS.

<i>President</i>	M. CUMMING, (ARTS.)
<i>Vice-President</i>	R. MESSINGER, (ARTS.)
<i>Secretary-Treasurer</i>	JAMES R. JOHNSTON, (LAW.)
	{ I. OAKES, (LAW.)
<i>Executive Committee</i>	{ A. THOMPSON, (MED.)
	{ W. A. ROSS, (ARTS.)
	{ A. S. MURRAY, (LAW.)

The Medical Debating Society.

The 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.

OFFICERS.

<i>President</i>	H. R. READ.
<i>Vice-President</i>	N. McQUEEN.
<i>Recording Secretary</i>	A. CUMMING.
<i>Corresponding Secretary</i>	G. E. FORBES.
<i>Treasurer</i>	J. G. COLFORTH.

Young Women's Christian Association.

OFFICERS.

<i>President</i>	ESSIE LOGAN.
<i>Vice-President</i>	RUTH SIMPSON.
<i>Recording Secretary</i>	KATIE MCKAY.
<i>Corresponding Secretary</i>	ELIZABETH E. KENNETT.

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.

OFFICERS.

<i>Honorary President</i>	REV. PRESIDENT FORBES.
<i>President</i>	H. PUTNAM.
<i>Vice President</i>	ALISON CUMMING.
<i>Secretary</i>	G. W. B. AYER.
<i>Treasurer</i>	B. T. MACLEITH.
	C. L. McMILLAN.
	B. T. MACLEITH.
<i>Executive Committee</i>	H. A. PURDY.
	H. R. READ.
	J. W. MOST.
<i>Representations on Football Championship</i>	B. T. MACLEITH.
<i>Committee</i>	D. K. GRANT.
	B. T. MACLEITH, <i>Chair.</i>
<i>Ground Committee</i>	D. K. GRANT.
	G. H. MAXWELL.

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, etc. Meetings are held fortnightly during the College Session.

OFFICERS.

<i>President</i>	E. R. FAULKNER, B. A.
	HAROLD PUTNAM, B. A.
<i>Vice-Presidents</i>	H. R. READ.
	R. DAVIS.
	J. H. ANDERSON.
<i>Secretary-Treasurer</i>	W. H. SEIDENCK.
	H. M. MUNRO.
<i>Executive Committee</i>	A. CUMMING.
	MISS CLEGG.
	MISS LOGAN.

The Glee Club.

The Club meets once a week for the practice of glees and choruses.

OFFICERS.

<i>Honorary President</i>	PROF. W. C. MURRAY.
<i>President</i>	A. H. DENSON.
<i>Vice President</i>	MISS F. A. WELSH.
<i>Secretary</i>	W. H. SEIDENCK.
<i>Treasurer</i>	ED. CUMMING.
	L. A. McLEAN.
	J. ROSS MILLAR.
	WM. FORBES.
<i>Executive Committee</i>	MISS M. AUSTEN.
	MISS E. ARCHBOLD.
	MISS J. B. CAMPBELL.
	MISS RUTH SIMPSON.
<i>Conductor</i>	MR. FRANK GATWARD.
<i>Accompanist</i>	MRS. GATWARD.

The Philosophical Club.

Five or six meetings during the session are held by this Club for the discussion of current questions of philosophical interest.

<i>Honorary President</i>	REV. J. MACINTOSH, M. A., B. D.
<i>President</i>	J. STELLING, B. A.
<i>Secretary</i>	R. L. COFFIN, B. A.

AFFILIATED COLLEGE.

HALIFAX LADIES' COLLEGE.

<i>President</i>	REV. R. LAING, M. A.
<i>Principal</i>	MISS MARGARET S. KER, (Math. Hons., Cambridge.)

The object of the College is to provide a liberal education for young women. It has three departments of study,—the Primary, the Preparatory (under Miss E. Hunter, B. A., N. B. University) and the Collegiate.

In the Collegiate department there are two courses of study, one extending over three years and the other over four, and both including English, French, German, Latin, Greek (optional), Mathematics, and Elementary Science. The teaching staff in this department in 1896-7 has been as follows:—

THE PRINCIPAL.

MRS. MARGARET F. TREHMAN, B. A. (Dal.),	<i>History, Literature and Latin.</i>
MISS LUCY C. MURRAY, B. A. (Dal.),	<i>English, Mathematics, and Greek.</i>
MISS MARGARET D. ALLEN, M. A. (Queen's),	<i>Science.</i>
MISS REGINA STOKES, L.L.A. (St. Andrews),	<i>French and German.</i>

MISS BLANCHE LEHIGH, A.T.C.M. (Tor.), *Elocution*.

MISS MARIA STEWART, *English*.

MISS ALICE W. CORBIN, *Shorthand, Bookkeeping and Typewriting*.

The following appointment has been made for 1897-8 :

MISS CECILIA DICKIE, B.A. (Wellesley), *Science*.

Young women who have completed the three years' course are admitted to the First year in the Arts and Science Faculties in this University without examination in subjects which formed parts of the course. Those who have completed the four years' course are similarly admitted to the second Year.

The College Buildings, which include a Hall of Residence as well as Class Rooms and Assembly Hall, are situated in a central part of the City of Halifax, at a distance of about three-quarters of a mile from Dalhousie College. Young women who are matriculated students of Dalhousie College are admitted to the Ladies' College as boarders. The conditions of admission and the charges may be ascertained on application to the President.

The College has an Art Studio in which instruction in Fine Art is given by Miss Catherine N. Evans, Head Mistress of the Victoria School of Art and Design, and in Drawing by Miss Alice Egan.

The Halifax Conservatory of Music is under the same Board of Management as the Ladies' College. It is under the direction of Mr. C. H. Poirer of the Royal Conservatory of Leipzig, who is assisted by a staff of twelve teachers. The following branches are taught: Theory of Music, Singing, Piano-forte Playing, Organ, Violin Playing, Orchestral Wind Instruments, Orchestral Stringed Instruments. The Conservatory is open to men as well as women.

University Lists.

DEGREES

Conferred 1896-97.

(For the most part on the 27th April, 1897.)

MASTERS OF ARTS.

- ARCHIBALD, ALEXANDER D., B. A., *By Examination in History (English and French, 1648-1897.)*
 BUTLER, GEORGE KILHAM, B. A., *By Examination in Classics (Thucydides and Herodotus.)*
 FORBES, EDGAR WILLIAM, B. A., *By Examination in Philosophy.*
 FOSTER, ARTHUR HAYWARD, B. A., *By Examination in Philosophy.*
 FRANK, DAVID ANNAND, B. A., *By Examination in History (English and French, 1648-1897.)*
 MCINTOSH, CHARLES DANIEL, *By Examination in History (English and French, 1648-1897.)*
 MCNAEEN, WILLIAM WALLACE, *By Examination in History (English and French, 1648-1897.)*
 MCKAY, MARY ALEXANDRA, B. A., *By Examination in Classics (Latin and Greek.)*
 MCLAN, LAUREN HUGH, B. A. (Queen's), *By Examination in Philosophy.*
 SMITH, WILLIAM HENRY, B. A., B. D., *By Examination in Philosophy.*

BACHELOR OF ARTS.

- ARCHIBALD, HERBERT THOMPSON..... Colton, California, U.S.A.
 AUSTIN, MENNA MAY..... Halifax.
 BUCHHELL, CHARLES JOHN..... Sydney, C. B.
 CAMERON, IRLA WILLIAM..... New Glasgow.
 CLARKE, HAROLD MARSTON..... St. Stephen, N. B.
 COCK, DANIEL GEORGE..... West River, Pictou.
 COFFEY, ROBERT LEWIS..... Charlottetown, P. E. I.
 CUMMINGS, MELVILLE..... Truro.
 CUMMINGS, EDWARD..... Halifax.
 DAKIN, WILLIAM..... Truro.
 DESONS, ALEXANDER HUGH..... Westville.
 FAULNER, EBERNEER ROSS..... Folly Village.
 FISHER, ARTHUR FRANKLYN..... Lower Newiacks.
 FORBES, WILLIAM..... Little Harbor, Pictou Co.
 GRANT, MARY SIBELLA..... Port Morien, C. B.
 HAPPE, ROBERT MCCONNELL..... Halifax.
 HETHERINGTON, EVA FLORENCE..... Halifax.
 MACKAY, ALEXANDER LEONARD..... Beloved Mills.
 MCKAY, IRLA..... Pictou.
 MCLAN, LAUREN A..... Marshy Hope, Pictou Co.
 MCLAN, STEWART CLIFFORD..... New Glasgow.
 McGORM, DONALD..... Mira, C. B.

MAXWELL, GEORGE HERBERT.....	Halifax.
MAXWELL, RUTH ELLEN.....	Halifax.
MILLAR, JAMES ROSS.....	Yarouoth.
MURRAY, JOHN TUCKER.....	Truro.
NICHOLSON, JOHN WILLIAM ANSON.....	Oban, Richmond Co.
REID, DAVID MCKERN.....	Middle Musquodobeit.
ROSS, ARTHUR.....	Fertoga, Pictou Co.
SHAW, PERCY JAMES.....	Waterville.
SPINNER, HARRY ROBERT.....	Halifax.
THOMPSON, MARGARET.....	Antigonish.
WADDILL, WILLIAM HENRY, JR.....	Halifax.
WILKIN, FLORENCE ANSTR.....	Halifax.

BACHELOR OF LETTERS.

CROCKETT, ALBERT EDWIN.....	Hopswell, Pictou Co.
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BACHELOR OF SCIENCE.

ARCHIBALD, ERENEZER HENRY.....	Hammony, Col. Co.
BLAIR, ALEXANDER DAVID.....	Loch Broom, Pictou.
TAIT, JAMES SINCLAIR, B. S. (Mt. All.) ad eundem.*	St. John's, Nfld.

BACHELOR OF LAWS.

AITKEN, TRAVERS DONALDSON, B. A.	Newcastle, N. B.
FERGUSON, WILLIAM McMILLAN.....	Earlton.
GUNN, ALEXANDER DONALD, B. L.....	St. Mary's.
KINGST, JAMES ARMINUS.....	Halifax.
MCKAY, JOHN WILLIAM.....	Pictou.
MACKENZIE, ALEXANDER GEORGE.....	Amherst.
MCKINNON, JOHN LAUGHLIN, B. A.....	Antigonish.
MCPHEE, STEWART.....	West Bay.
MORRISON, FREDERICK AUGUSTUS.....	Milltown, N. B.
MORRISON, JOHN SYDNEY METZLER.....	St. Peter's, C. B.
MOSSELY EDGAR WILLIAM.....	Sydney.
O'DONOGHUE, RICHARD, B. A.....	Antigonish.
PHALEN, ROBERT FRANCIS.....	North Sydney.
VERNON, GILBERT HENRY.....	Truro.

DOCTOR OF MEDICINE AND MASTER IN SURGERY.

BENTLEY, ROBBIE DUGWELL, B. A. (Acad.).....	Halifax.
BISSETT, ERNEST EUGENE.....	River Bourgeois, C. B.
BROWN, MARTHA WYMAN.....	Newport.
DORMAN, OSCAR CHEFRAN.....	Hantsport.
FLEASER, ALEXANDER, R. A. (Dal.).....	West River Station, Pictou
GATER, CHARLES RANDALL.....	Digby.
GIBBSON, ROBERT, B. A. (Dal.).....	Halifax.
PATYANT, HENRY ALLISON.....	Dartmouth.
+ROSS, ALEXANDER.....	North Earlton.
+SLAENWHITE, STEPHEN SINCLAIR.....	Consequal Bank.

* Conferred 29th May, 1907.

† Conferred Sept., 1895.

HONOURS, MEDALS, Etc., 1896-97.**HONOURS.**

CLASSICS.—Archibald, Herbert Thompson, *High Honours*.
 MATHEMATICS AND MATHEMATICAL PHYSICS.—Cameron, Ira William, *High Honours*; McLean, Stewart Clifford, *High Honours*.
 PHILOSOPHY.—McKay, Ira, *High Honours*.
 ENGLISH AND ENGLISH HISTORY.—Murray, John Tucker, *High Honours*; Nicholson, John William Angus, *High Honours*.

DISTINCTION.

Austen, Minna May, *Great Distinction*.

MEDAL.

SIR WILLIAM YOUNG GOLD MEDAL.—Cameron, Ira W.

SPECIAL PRIZES.

AVERY PRIZE.—Austen, Minna May.
 WAVERLEY PRIZE.—(Hald, J. W. A.; Messenger, R.)

ENTRANCE SCHOLARSHIPS.*Junior.*

MACKENZIE BURSARY.—Ritchie, John W. P.
 PROFESSOR'S SCHOLARSHIP.—MacLeod, Edward A.
 SIR WILLIAM YOUNG'S SCHOLARSHIPS.—(1) Ritchie, Joseph N.; (2) Fleming, James M.; (3) McKinnon, DUNCAN A.; (4) Henderson, George.

NEW BRUNSWICK ALUMNI PRIZE.—Mair, Catherine F.

Senior.

PROFESSOR'S SCHOLARSHIP.—McKenzie, George W.

EXAMINATIONS, 1896-97.**FACULTIES OF ARTS AND SCIENCE.****MATRICULATION EXAMINATIONS.**

JUNIOR.—With *First Class Distinction*: Ritchie, J. W. P.; MacLeod, E. A. With *Second Class Distinction*: Ritchie, J. N.; Fleming, J. M.; McKinnon, D. H. *Passed*: Henderson, G.; Blanchard, M. V.; Mair, Catherine F.; Noble, J. D.; Rankine, J.; Weldon, J. W. *Passed in certain subjects*: Swanbury, A. M., in *Latin and Greek*; Moody, Georgina, in *Greek*; Ross, J. S., in *Latin, English, Mathematics, History and Geography*; Matheson, J., in *Latin and French*; Sargent, J. H., in *Latin and French*; Ross, W. A., in *Latin and Greek*; Maddison, J. W., in *French and English*; O'Brien, G. W., in *French*.

SENIOR.—*Passed*: McKenzie, G. W.; McLean, L. A.; Ross, A. *Passed in certain subjects*: Kent, H. H., in *Latin, English and Mathematics*; Mosely, H. C., in *Latin, French and Algebra*; Thompson, C. A., in *Algebra*; Burrows, L. R., in *Latin*; Morrison, H. T., in *French*.

MATRICULATED BY CERTIFICATE.

FIRST YEAR.—Anderson, R. C.; Bentley, John S.; Beeson, L. E.; Crockett, A. E.; Cunningham, A. R.; Donovan, W. E.; Douglas, E.; Fleming, Nancy O'Brien; Fleming, Ethel A.; Kent, H. H.; Lynch, G.

J.; McDonald, W. L.; McKay, A. M.; Mackay, A. L.; McKay, J. J.; McKay, Nora K.; McKenna, J. A.; Mackenzie, David; Mackenzie, G. N.; Mc Kinson, W. T. M.; Main, C. O.; Matheson, J. D.; Moody, Georgina; Murphy, T. W.; O'Hearn, W. J.; Read Edith, Meli.; Ross, J. S.; Sargent, J. H.; Simpson, R.; Smith, A. A.; Smith, C.; Swanberry, A. M.; Wood, J.; Wood, T. C.

SECOND YEAR.—Anderson, J. H. A.; Baird, J. W.; Barris, Grace D.; Campbell, Jessie R.; Fisher, J. A.; Johnston, Montague; McIntosh, P. D.; McKay, Annie; Messenger, R. J.; Ramsay, E. H.; Ross, G. M.; Thompson, C. A.

SPECIAL EXAMINATIONS.

SECOND YEAR.—Latin: Ross, A.; Shaw, P. J. *Greek*: Ross, A.

FIRST YEAR.—Chemistry: Watt, A. W.

SUPPLEMENTARY EXAMINATIONS.

THIRD YEAR.—Junior Physics: Grant, Mary S.; Hetherington, Eva; Mackintosh, W. T.; Maxwell, E. Ellen; Wilkie, Florence A.

SECOND YEAR.—Latin: Birtows, L. R. *Greek*: Rankins, J. M. *Ecclésiast.*: Blair, A. D.; Campbell, D.; Rankins, J. M. *Junior Philosophy*: Maxwell, Ellen. *Mathematics*: Mackintosh, F. H. *Trigonometry and Algebra*: Hetherington, Eva; Kennedy, Elizabeth; Maxwell, Ellen; McIlrath, D.

FIRST YEAR.—Latin: Mont, J. W.; Fisher, A. F. *Greek*: Campbell, A. H.; Cunningham, W. A.; Fisher, A. F.; Fisher, Franklin; McIlrath, D. English: Fisher, Franklin; MacKenzie, L. B. *Mathematics*: Glasgow, R. *Geometry*: McLeod, A. M. *Algebra*: Noble, J. D. *Chemistry*: Fisher, Franklin.

DEGREE EXAMINATIONS.

CLASS LISTS.

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

LATIN.

FOURTH YEAR.—Class I.—Archibald, H. T.; Austen, May; Nicholson, J. W. A.; Shinner, H. R. *Class II*.—Faulkner, E. R.; Millar, J. R.; Wilkie, Florence A. *Passed*.—Cummings, E.; Thompson, Margaret; Brodie, W. S.; Maxwell, Ruth E.; Grant, Mary S.; Hetherington, Eva; Morton, J. R.; Maxwell, G. H.

THIRD YEAR: *Class I*.—MacRae, D. A.; Munro, Henry; (Deull, John; Crowe, H. S.); Grant, C. F.; McKenzie, J. B.; Hockin, J. G. *Class II*.—None. *Passed*.—Campbell, D. McD.; Logan, Bessie; Carmichael, G. W.; Archibald, Eugene; (Kennedy, Elizabeth E.; Rankins, Jas. M.; Murray, N. G.; O'Brien, M. A. *Passed the Christiana Examination*.—DeWalle, Margaret. *Passed the April Examination*.—Corston, J. R. *Class I (Special)*.—Lewis, Bessie.

SECOND YEAR: *Class I*.—Thompson, C. A.; Anderson, J. H. A.; Johnston, M. S.; (Murray, A. H. S.; Routledge, A. W.); Lindsay, C. F.; Campbell, Jessie R. *Class II*.—MacKenzie, G. N.; Messenger, R.; Baird, J. W. A.; McKay, Annie; McKenzie, G. W. *Passed*.—McIntosh, P. D.; Ross, G. M.; Farquharson, W. O.; Ramsay, J. A.; Anderson, C. W.; Fisher, J. A.; Fultz, G. W.; McIntosh, C. C.; (Cunningham, A.; MacKenzie, Annie, L. C.) (Glover, B.; Moody, Georgina; Forbes, G. E.; Rios, Grace E. ()); (Reelen, L. E.; MacLeod,

A. M.; Hebb, A. M. ()); (Black, W. A.; Outhit, W. E.; Keith, D.; Barnes, J. ()); Richardson, L. B.; MacKenzie, L. C. *Passed the April Examination*.—Gunnigam, W. A.; Morrison, Agnes I.; MacLoughlin, A. L.; Ross, A.

FIRST YEAR: *Class I*.—MacLeod, E. A.; Ramsay, E. H.; (Weldon, Joseph; Ritchie, John ()); Macdonald, W. L. *Class II*.—Worsley, P.; (Burdeman, Geo.; Bentley, J. S.; Simpson, Ruth; Main, C. O.; (Blanchard, M.; Ross, J. S.; McKinnon, D. H. *Passed*.—Ritchie, J. Norman; Rankins, John; (Douglas, Edgar; Mair, Catherine. ()); (Hebb, T. C.; Read, Edith; Cunningham, A. R.; McKenzie, D. W.; McDonald, W. L.; McDonald, Ewen; McKay, Nora; Smith, A. A.; (Wood, T. C.; Fleming, Ethel ()); Lynch, George; Chisholm, Maude; Donovan, W. E.; McKean, J. A.; Smith, C. F.; Fleming, Nanna. *Passed the April Examination*.—McEwen, W. E.; Mackay, A. M.

GREEK.

FOURTH YEAR: *Class I*.—Archibald, H. T.; Austen, May. *Class II*.—Shinner H. R.; Millar, J. R. *Passed*.—Faulkner, E. R.; Wilkie, Florence A. *Passed the April Examination*.—Morton, J. R.

THIRD YEAR: *Class I*.—MacRae, D. A.; Crowe, H. S.; Deull, John; Grant, C. F.; Munro, Henry. *Class II*.—Sedgewick, W. H.; Hockin, J. G. *Passed*.—McKenzie, J. B.; Campbell, D. McD.; Logan, Bessie M.; McKay, Kath. W.; Mackintosh, F. H.; Kennedy, Elizabeth E.; Murray, N. G.; Rankins, Jas. M.; *Class II (Special)*.—Lewis, Bessie.

SECOND YEAR: *Class I*.—Thompson, C. A.; Campbell, Jessie B. *Class II*.—Farquharson, W. O.; Ramsay, J. A.; Johnston, M. S.; (Anderson, J. H. A.; Borden, L. E.) *Passed*.—Ross, G. M.; Glover, B.; McIntosh, P. D.; MacKenzie, Annie L.; Richardson, Lóie; MacKenzie, G. N.; Moody, Georgina; Rios, Grace E.; Keith, Donald; Forbes, G. E.; (Cunningham, A.; Fisher, J. A.; MacKay, Annie ()); (Cunningham, W. A.; MacLeod, A. M. ()); (Outhit, W. E.; Fisher Frank; Chase, Margaret ()); Barris, Grace, D. *Passed the Christiana Examination*.—MacKenzie, L. B. *Passed the April Examination*.—Morrison, Agnes I.; McLeod, J. C.; Ross, A.

FIRST YEAR: *Class I*.—Ramsay, E. H.; Macdonald, W. L.; McKinnon, D. H. *Class II*.—MacLeod, E. A.; Archibald, Eugene; Grant, Mary S.; Ross, J. S. *Passed*.—Rankins, John; Simpson, Ruth; Mair, Catherine; Blanchard, M.; Smith, A. A.; (Cunningham, A. H.; Main, C. O. ()); (McDonald, Ewen; Ross, D. C. ()); McKenzie, D. W.

FRENCH.

THIRD AND FOURTH FRENCH: *Class I*.—Grant, Mary S.; Anderson, C. W.; Archibald, Eugene; DeWalle, Maggie. *Class II*.—Cook, A. D.; Mackintosh, W. T. *Passed*.—Hetherington, Eva F.; Crockett, A. E.

SECOND FRENCH: *Class I*.—MacRae, D. A.; Lawlor, Gertrude; Baird, J. A.; Routledge, A. W.; Worsley, P.; Messenger, Ralph. *Class II*.—McKenzie G. W.; Holmeyer, Alma; Burgoyne, S. J. *Passed*.—Black, V. alter A.; Ritchie, J. W. P.; Barnes, James; Fleming, James; Ritchie, J. N.; O'Brien, C. W.; Fisher, A. F.; Cordizer, C.; Henderson, G.; Morton, J. R.; Sutherland, Edie.

FIRST FRENCH: *Class I*—Anderson, B. C.; Weldon, Joseph. *Class II*—Lozan, Bessie M.; Fleming, Nanna; Read, Edith McE. *Passed*—Campbell, D. M.; Wood, F. C.; Smith, C. F.; Chisholm, Maud; Lynch, G.; Durouan, W. E.; McKenzie, A. F.; Zwicker, F. G.; Lee, R. H.; Flemming, Ethel; Forrest, G. M.; Mackay, A. M.; Douglas, Edgar. *Class I (Special)*—Lewis, Bessie.

GERMAN

FOURTH GERMAN: *Class I*—Maxwell, Ellen; Thompson, Margaret.

THIRD GERMAN: *Class I*—Hohrecker, A. M.

SECOND GERMAN: *Class I*—Austin, May; Lawler, Gertrude. *Passed*—Burgoyne, S. J.; Maxwell, G. H.; Fay, J. B.; Crockett, A. E.; Hebb, A. M.

FIRST GERMAN: *Class I*—Stewart, Elizabeth H.; Anderson, Bernard C.; Crowe, H. S.; Walk, A. W. *Class II*—Fleming, James; Murray, A. H. S.; Hebb, T. *Passed*—MacKinnon, W. T.; Forrest, G. M.; McKenzie, Allan; Barrows, L. R.; Cardiner, C.; Dowell, John.

ENGLISH

SENIOR: *Class I*—Murray, J. T.; Nicholson, J. W. A. *Class II*—Hockley, J. G. *Passed*—Cunning, E.; Kennedy, Miss E. E.; Hattie, R. M.; Hetherington, Miss E.; Shinner, H.; Wilkie, Miss F. A. (Maxwell, Miss R. E.; Thompson, Miss M.; Rankine, J.); Ross, A.; Maxwell, G. H.

SECOND YEAR: *Class I*—Boutledge, A. W.; Outhit, W. E. *Class II*—Barris, Miss G. D.; Messenger, E.; McKenzie, G. N.; Keith, D.; Richardson, Miss L.; Johnston, M. M. S. *Passed*—Fultz, G.; Hohrecker, Miss A.; Lawler, Miss G. E.; Fisher, J. A.; Farquharson, W. O.; Thompson, C. A.; McKenzie, Miss J.; Campbell, Miss L. B.; Anderson, J. H. A.; Morrison, J. W. G.; Chase, Miss M.; Black, W. A.; Cunningham, A.; Murray, S. A. H.; Hebb, A. M.; Rice, Miss G. J.; Reid, J. W. A.; Berdon, L. E. H.; McKenzie, G. W.; McKay, Miss A.; Barnes, J.; Ramsay, J. C. (Anderson, C. W.; Lee, R. H.) (McConnell, J. J.; McIntosh, C. A.) (Burgoyne, S. J.; Moody, Miss G. M.) (MacDougall, A. L.; Glover, B.; Forbes, G. E.; McLeod, A. M.; Sutherland, Miss E.; Coediner, C. A.; McKenzie, L. R.; Ross, G. W.; (Cunningham, W. A.; Fisher, F.)

FIRST YEAR: *Class I*—Reidie, J. W. A.; Henderson, G. *Class II*—Flemming, Miss E.; Macleod, E. A.; Gordon, Miss K.; Ramsay, E. H.; Simpson, Miss R. (McDonald, W. L.; McKay, N. K.) *Passed*—Main, G. M.; Smith, A. A.; Read, Miss E.; Fleming, Miss A.; Fleming, J. M.; Rankine, J.; Ritchie, J. M.; Ferguson, J. A.; (Bentley, J. S.; Mackenzie, J. A.) (Hisholm, Miss W.; MacKinnon, D. H.) (Mair, Miss F. C.; Wessley, P. G.; Weldon, J. W.; (McDonald, W.; Wood, T. C.) (Anderson, B. C.; Ross, J. N.) (McKenzie, A.; McKenzie, D. W.) Hebb, T. C. (Forre-1, G. M.; Lynch, G. J.) Cunningham, A. R.; (Douglas, E.; McDonald, E.; Zwicker, F. G.)

HISTORY

FOURTH YEAR: *Class I*—Nicholson, J. W. A.; Borchell, C. J.; *Class II*—Austin, Miss M.; Murray, J. T.; Cummings, Edw.; Deacon, A. H.; Shinner, H. R.; Coffin, R. L. *Passed*—Forbes,

Wm.; Fisher, A. F.; Maxwell, G. H.; Grant, Mary S.; Hattie, R. M.; Clarke, H. M.; McDonald, D.; Whitell, W. H.; Faulkner, E. B.; Dakin, W. S.; Wilkie, Florence; Reid, D. M.; Morton, J. R.; Maxwell, Ruth E.; McKay, A. L.; McLean, L. A.; Hetherington, Eva F.; Brodie, W. S.

THIRD YEAR: *Class I*—Sedgewick, H.; Hockley, J. G.; *Class II* Archibald, Eugene; Wood, George. *Passed*—McKinnon, W. T.; Cunningham, Melville; McKay, Katie; Lapsley, Bessie M.; Read, H. R.; Ross, G. W.; Colquhoun, J. G.; Murray, N.; Noble, J. D.; Crowe, H. S.; McDonald, D. J.; DeWolfe, Maggie; Dickie, E. E.; Murray, R. P.; Carmichael, G. W.; Kennedy, Elizabeth E.; McKenzie, J. B.; Campbell, D. Mel; Ross, D. C.; Couston, J. R.; Morrison, W. A.; O'Brien, M. A.; Burrows, L. R.; Rankine, J. M.; *Special Examination*—Lewis, Bessie B.

POLITICAL ECONOMY.

ADVANCED: *Class I*—Hattie, R. M.; Crockett, A. E.; Cunningham, Melville. *Class II*—Maxwell, G. H. *Passed*—Brodie, W. S.

JUNIOR: *Class I*—Shaw, P. J. *Class II*—McKinnon, W. T.; Wood, George; Moore, H. F.; Cummings, Edw.; Shinner, H. R. *Passed*—Colquhoun, J. G.; Ross, Arthur; Read, H. R.; McKay, Ira; Carmichael, G. W.; Blanchard, A. B.; Buchanan, M.; Faulkner, E. R.; McLean, L. A.; Waddell, W. H.; Dickie, E. E.; Corson, J. R.; Hetherington, Eva; Maxwell, Ruth E.

PHILOSOPHY.

ADVANCED: *Passed*—McDonald, D.; Cunningham, M.; Coffin, R. L.; Clarke, H. M.; Reid, D. M.

MEDAL: *Class I*—McKay, I.; Blanchard, A. B.; Austin, May; Sedgewick, W. H. *Class II*—Coffin, R. L.; Archibald, Eugene; Cummings, E.; Murray, J. T.; Cunningham, M.; McDonald, D.; *Passed*—Deacon, A. H.; Reid, D. M.; Clarke, H. M.; Faulkner, E. R.; Shaw, P.; Hutchell, C. J.; Forbes, W.; McKay, Katherine W.; Morrison, W. A.; Hattie, R. M.; Mackay, A. L.; McLean, L. A.; Ross, A.; Grant, Mary S.; MacDeouan, A.; Thompson, Margaret; Cook, D. G.; Crockett, A. E.; Fisher, A. F.; Murray, R.; Dakin, W.; MacDonald, D. J.; Ross, D. C. *Passed April Examination*—Woodill, Lena.

SENIOR: *Class I*—Blanchard, A. B.; Sedgewick, W. H.; Mackintosh, F. H.; Ross, W. A. *Class II*—Reid, H. R.; Faulkner, E. R.; *Passed*—Noble, J. D.; Dowell, John; Morrison, W. A.; Corston, J. R.; Colquhoun, J. G.; Buchanan, M.; Carmichael, G. W.; Murray, N. G.; Dakin, W.; MacDonald, D. J.; Murray, R.; Ross, A.; Crockett, A. E.; Wood, G.; Murray, R. P.

JUNIOR: *Class I*—Farquharson, W. O.; Baird, J. W. A.; Mackenzie, G. N.; Outhit, W. E.; Hebb, A. M.; Anderson, J. H. A.; McLeod, A. M.; Anderson, C. W. *Class II*—McKenzie, G. W.; Chase, Margaret; Thompson, C. A.; Ramsay, J. A.; Ross, G. M.; McIntosh, C.; Johnston, M. S.; Hohrecker, Alma; Messenger, M.; Cunningham, A.; MacDougall, A. L. *Passed*—Lawler, Gertrude; Glover, B.; Barris, Grace D.; McIntosh, P. D.; Mackenzie, Janet L.; Campbell, Jessie B.; Berdon, L. E.; Cook, A. D.; Fisher, J. A.; Macleod, J. J.; Mackay, Annie; Morrison, J. W. G.; Cunningham, W. A.; Forbes, G. E.; Mackenzie, I. B.; Fisher, Frank; Richardson, Lophenia; Sutherland, Edith; O'Brien, C. W.; Keith, D.; Rice, Grace; Black, W. A.; Moody, Georgina; McEwen, W. H.

EDUCATION.

THEORY AND HISTORY: *Class I—Grant, Mary S. Class II—Thompson, Margaret; Wilkie, Florence A.; Cummings, E.; Blanchard, A. E. Passed—McKay, Ira; Brown, C. W.; Howell, Laura; Dakin, W.; Bredie, W. S.; Clancy, Beatrice; Burrows, L. R.*

THEORY: *Class I—Thomson, Frances.*

MATHEMATICS.

ADVANCED (*Partial Course*): *Class I—McKay, T. C. Passed—Blair, A. D.*

SECOND YEAR: *Class I—Baird, J. W. A.; Messenger, R.; Lawlor, Miss G.; Murray, A. H. S.; Thompson, C. A.; Moody, Miss G.; Fultz, G. W. (McKenzie, G. W.); Barson, J. Class II—Freyuharson, W. D. Passed—Rosa, G. M.; Canning, Allison; Hebb, A. M.; Forbes, G. E.; Ramsay, J. A.; Anderson, J. H. A.; Lindsay, C.; McLeod, A. M.; McKenzie, G. N.; Mackay, Miss A.; Richardson, Miss L.; Cordner, C. A.; Outhit, W. E.; Mackenzie, Miss J.; Kent, H. H.; McIntosh, P. D.; O'Brien, C. W.; Stewart, Miss E.; Fisher, J. A.; Morrison, J. W.; Fisher, F.; Lee, B. H.; Harris, Miss G.; Campbell, Miss J. B.; Cunningham, W.; McIntosh, C.; Holmbeck, Miss A.; Chase, Miss M.; Glover, B.; Buck, W. A.; Keith, D.; Burgoyne, S. J.; Macdonald, A. J.; Anderson, C. W.; Routledge, A. W. Passed in Geometry—Massahill, Johnston; McKenzie, L. R.; Rice, Miss G.; Sutherland, Miss E. Passed in Trigonometry and Algebra—Beeson.*

FIRST YEAR: *Class I—Anderson, B. C.; Hebb; Ramsay, E. H.; Simpson, Miss R.; Road, Miss E.; Bentley, J. S.; Flemming, Miss E.; Fleming, J.; McKinnon, D. H.; Macdonald, W. L. Class II—Weldon, J.; Ritchie, John; McKenzie, D. W. (Chisholm, Miss M.); Rankine, J.; McLeod, E. A.; Main, C.; Cunningham, A. B.; McKenzie, A.; Porrett, G. M.; Douglas, E.; Worsley, P.; Mackay, Miss S.; Ritchie, Norman; Wood, T. G.; Ross, J. S.; Passed—Miss S.; Rankine, J.; Mackay, A. N.; Blair, Miss C.; Macdonald, W.; Blanchard, M.; Donovan, W. E.; Macdonald, E. Passed in Geometry—Henderson, G.; Zwicker, F. G.; Ferguson, J. A. Passed in Algebra—Fleming, Miss N.; McKenna, J. A.*

PHYSICS.

ADVANCED MATHEMATICAL PHYSICS: *Passed—McKay, T. C., B. A.*

ADVANCED MATHEMATICAL PHYSICS (*partial course*): *Passed—Blair, A. D.*

SENIOR PHYSICS: *Class I—None. Class II—Cameron, I. W. Passed—Morrison, H. T.; Wall, A. W.; McLeod, S. C.; Blair, A. D.; Shaw, F. J.; Archibald, E. H.*

JUNIOR PHYSICS: *Class I—None. Class II—Fultz, G. W.; Hoodkin, J. G.; Socklerick, W. B.; Lindsay, G. F.; Ross, W. A. Passed—Barson, J.; Murray, A. H. S.; Wall, A. W.; McKenzie, G. W.; Cordner, C.; Carnichael, G. W.; Crowe, H. S.; Campbell, D. M.; Baird, J. W. A.; McKenzie, J. B.; Read, H. K. I. (Archibald, Eugene; Macdonald, D. J.); Mackenzie, F. H.; (Blanchard, A. B.); Rankine, J. M.; Wood, G.; Grant, C. F.; Burgoyne, S. J.; Coerten, J. R.; (McKay, Katie; Murray, N. G.); Logan, Jessie M.; Crockett,*

A. E.; Noble, J. D.; (Colquhoun, J. G.; Dickey, E. E.); DeWolf, Maggie; Lee, B. H. *Spring Examination: Passed—Lewis, Bessie.*

PRACTICAL PHYSICS: *Passed—Cook, A. D.; Macdonald, W. A.;*

ADVANCED PRACTICAL PHYSICS: *Passed—Archibald, E. H.; McKay, T. C., B. A. (Distinction not yet determined)—*

APPLIED MECHANICS.

Class I—None. Class II—Blair, A. D. Spring Examination: Passed—Macdonald, W. A.

CHEMISTRY.

ORGANIC CHEMISTRY: *Class I—Lindsay, C. F. Passed—McKenzie J. R.*

INORGANIC CHEMISTRY: *Class I—Anderson, B. C.; Mureo, H. G.; Forrest, G. M.; Weldon, J.; Zwicker, F. G. Class II—Ritchie, J. N.; Henderson, G.; Bentley, J. S.; Cunningham, A. B.; Ritchie, J. W. P.; Mair, Catherine F.; Road, Edith M.; Flemming, Ethel. Passed—Blanchard, M.; Ramsay, E. H.; Mackenzie, J. A.; Macleod, E. A.; Fultz, G. W.; Main, C. O.; Cordner, C. A.; Fleming, J.; Macdonald, W. L.; Hebb, T. C.; Miller, J. R.; O'Brien, M. A.; Rankine, J.; Ross, J. S.; Douglas, E.; Smith, A. A.; Macdonald, W.; Worsley, P.; McKinnon, D. H.; (Mackay, A. M.; Simpson, Ruth); Wood, T. C.; MacKenzie, D. W.; McKenzie, A.; Chisholm, Maud; Mackay, Nora; McDonald, E.; Fleming, Nancy.*

JUNIOR PRACTICAL CHEMISTRY: *Class I—MacRae, D. A.; Cunningham, M.; Mureo, H. G.; Waidell, W. H.; Cordner, C. A.; DeWolf, Margaret; McKay, Katie. Class II—Burgoyne, S. J.; Lee, B. H. Passed—Campbell, R.*

SENIOR PRACTICAL CHEMISTRY: *Class I—Miller, J. R. Class II—Wall, A. W.; O'Brien, M. A. Passed—McLeod, S. C.; Mackinnon, W. T.; Fay, J. G.*

ADVANCED PRACTICAL CHEMISTRY (*Inorganic*): *Class I—Lindsay, C. F.; Murray, A. B. S.*

ADVANCED PRACTICAL CHEMISTRY (*Organic*): *Class I—Cook, A. D.*

MINERALOGY.

Class II—Blair, A. D. Passed—Macdonald, W. A.

ENGINEERING.

HYDRAULIC ENGINEERING: *Class I—None. Class II—Morrison, W. P.; Blair, A. D. Passed—Macdonald, W. A.*

MUNICIPAL ENGINEERING: *Class I—Morrison, W. P.; Macdonald, W. A.; Blair, A. D.*

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.)

CRIMES.

Class I.—Mahon; Matheson; McMillan; Bent; Oakes; Lamb; Murphy; *Class II.*—Newcombe; Purdy; McIntyre; Cameron; Nichols, E. H.; McKay, H. S.; McDonald; Foote; Sergeant; *Passed.*—Anderson; Ayre; Church; Cummings; Fawcett; Gray; Harris; Johnston; Maddin; McKay, J. J.; Nichols, G. E.; O'Mullin; Parsons, G. H.; Parsons, W. R.; Schurman; Tufts.

INTERNATIONAL LAW.

Class I.—McKinnon; O'Donoghue; Morrison; Metzler; Ferguson; Knight; Morrison, F. A. *Class II.*—McKay, J. W.; McKenzie; Vernon. *Passed.*—Aitken; Gunn; McPhee; Moseley; Phalen; Putnam; Ross.

CONFLICT OF LAWS.

Class I.—Pursey; McLeod; Boyd. *Class II.*—Putnam; Jamieson; Dunn; Finn; Oakes; Leahy; McEchen; Knight; Mahon; O'Connor. *Passed.*—Johnstone; McLatchy; Mills; Nichols, George E.; Parsons, W. R.; Robertson; Seeley.

SHIPPING.

Class I.—O'Donoghue; Vernon; (Morrison, J. S. M.; Ferguson;) Knight; Mackenzie. *Class II.*—McKinnon; Ross; McPhee; Morrison, F. A.; McKay, J. W.; Phalen. *Passed.*—Aitken; Gunn; Moseley.

CONSTITUTIONAL HISTORY.

Class I.—Gray; McRae; McIntyre; McDonald; Sergeant. *Class II.*—Ayre; Matheson; Church; Newcombe; Hattie; Murphy; Cameron. *Passed.*—Anderson; Fawcett; Harris; Maddin; McKay, J. J.; McMillan; O'Mullin; Shaw.

CONSTITUTIONAL LAW.

Class I.—Burchell; Pursey; Purdy. *Class II.*—Dunn; Waddell; McLeod; Boyd; Finn; Mills; Nichols, E. H.; McEchen; Jamieson; O'Connor; Parsons, W. R.; Leahy. *Passed.*—McLatchy; Nichols, G. E.; Robertson; Parsons, G. H.; Tufts.

CONTRACTS.

Class I.—Gray; Burchell; McIntyre; Matheson. *Class II.*—Sargeant; Newcombe; Waddell; McKay, J. J. *Passed.*—Ayre; Cameron; Church; Cummings; Fawcett; McDonald; McKay, H. S.; Murphy; McMillan; O'Mullin; Slater.

EQUIT.

Class I.—Finn; McKinnon; Pursey; O'Connor; Phalen; McKenzie; Jamieson; Aitken; Johnston; Vernon; O'Donoghue; Mills. *Class II.*—Morrison, F. A.; Leahy; Morrison; Metzler; Ross, H. S.; McKay, J. W.; Gunn; Knight; Ferguson; Seeley; McPhee; Putnam; Boyd; Mahon. *Passed.*—Bent; Dunn; Foote; Lamb;

McEchen; McLeod; McLatchy; Moseley; Nichols, G. E.; Nichols, E. H.; Oakes; Parsons, G. H.; Parsons, W. R.; Purdy; Robertson; Tufts.

SALES.

Class I.—Knight; O'Connor; Vernon; McKinnon; O'Donoghue; Putnam; Robertson; Morrison, F. A.; Finn; Phalen. *Class II.*—Ross, H. S.; Bent; McLeod; McKenzie; Morrison; Metzler; Nichols, E. H.; Jamieson; Oakes; McEchen; Ferguson; Mahon; McKay, J. W.; Pursey; Dunn; McLatchy. *Passed.*—Aitken; Boyd; Cummings; Foote; Gunn; Johnston; Leahy; Mills; Moseley; McKay, J. W.; McPhee; Parsons, E. H.; Parsons, W. R.; Purdy; Seeley; Tufts.

EVIDENCE.

Class I.—O'Donoghue; McKinnon; Aitken; Jamieson; Putnam; Ferguson; Seeley; Phalen; Nichols, E. H. *Class II.*—McLeod; Morrison; Metzler; Boyd; McKenzie; Pursey; Mills; Bent; Finn; McKay, J. W.; Parsons, W. R. *Passed.*—Cummings; Dunn; Foote; Gunn; Johnston; Knight; Lamb; Leahy; Mahon; Morrison, F. A.; Moseley; McEchen; McLatchy; McPhee; Nichols, G. E.; Oakes; O'Connor; Parsons, G. H.; Purdy; Robertson; Ross, H. S.; Tufts; Vernon.

REAL PROPERTY.

Class I.—Gray; Ayre; Burchell; McKay, J. J.; Fawcett; Matheson. *Class II.*—Johnstone; Lamb; Oakes; McDonald; Newcombe; Sergeant; Bent; Harris; Murphy; Cummings; McMillan; Nichols, E. H. *Passed.*—Anderson; Cameron; Church; Foote; Maddin; McKay, H. S.; McIntyre; Parsons, G. H.; Purdy; Tufts.

WILLS.

Class I.—Pursey; McKinnon; Morrison; Metzler; Leahy; Robertson; O'Connor; Tufts; McLeod; Mills. *Class II.*—Boyd; Vernon; Putnam; Oakes; Nichols, E. H.; Purdy; Seeley; Dunn. *Passed.*—Aitken; Bent; Finn; Foote; Jamieson; Johnston; Lamb; Mahon; McLatchy; Parsons, G. H.; Parsons, W. R.; Slater.

TORTS.

Class I.—Burchell; Matheson; Murphy; (McIntyre; Bent;) (Nichols, E. H.; Oakes; Gray; Waddell. *Class II.*—(Fawcett; Lamb;) Sergeant; (McDonald; Harris;) Mahon; Anderson; Purdy; Slater; Parsons, G. H.; Newcombe; Maddin; (O'Mullin; Church;) McKay, J. E. *Passed.*—Ayre; Cameron; Cummings; Finn; Foote; Johnston; McKay, H. S.; McMillan; Schurman; Seeley; Tufts.

PRACTICE.

Class I.—O'Donoghue. *Class II.*—McKenzie; Phalen; Vernon; Ferguson; Ross. *Passed.*—Mahon; Gunn; McPhee; Knight; Morrison; McKay.

FACULTY OF MEDICINE.

GENERAL PASS LIST.

Primary M. D., C. M. Examinations.

(A)—First Year.

Alison, William Bruce (suppl.); Beales, Winifred Brenda; Buckley, Avery Ellis; Ernst, Victoria Sarah; Farrell, Louis Patrick (suppl.); Farles, Albert Ernest; Gillis, Ewen Youman; Giovannetti, Louis John; Mathers, Robert Ewald; Pennington, John Wesley; Pratt,

Nelson; Reynolds, James; Salter, Orland Ray; Taylor, Frank Woodland; Treman, Louis Gervaise (suppl.).

(B)—Second Year.

Almon, William Bruce; Armstrong, Tremaine Ernst; Atkinson, Edward Payson; Backley, Avery Filla (suppl.); Dickey, Hugh Leverette (suppl.); Farrell, Louis Patrick; Forrest, William Duff; MacDonald, Edward Murray (suppl.); MacKay, John St. Clair; McLean, Murdoch Thomas; McMillan, Charles Edward; Munroe, James Gilbert.

Final M. D., C. M. Examinations.

(A)—Third Year.*

Archibald, Matthew George; Brehm, Robert Almon; Backley, Avery Filla; Dickey, Hugh Leverette; Forrest, William Duff; Gaudier, George Gaw; McDonald, Daniel; McKenzie, Murdoch Daniel; Morton, Angus McDonald; Thompson, Alfred.

(B)—Fourth Year.†

Bentley, Robie Dagwell; Bissett, Ernest Eugene; Brown, Martha Wyman; Dorman, Oscar Chipman; Fraser, Alexander; Gates, Charles Randall; Gleason, Robert; Payson, Henry Allison; Ross, Alexander (suppl.); Slawenwhite, Stephen Sinclair (suppl.).

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.

JUNIOR ANATOMY.

Reynolds, James; Pratt, Nelson; (Ernst, Victoria Sarah; Salter, Orland Ray; Braine, Winifred Brenda; Forbes, Albert Ernest; Taylor, Frank Woodland; (Braine, Lawrence Bernard Wilfrid; Cooke, Allen Percy Archer; Mathers, Robert Evans; Giovannetti, Louis John; (McNeil, Alexander John; Pennington, John Wesley; Dymond, William Adams; Backley, Avery Filla; Gillis, Ewen Younan.

Supplementary.—Almon, William Bruce; Treman, Louis Gervaise.

HISTOLOGY.

Pratt, Nelson; Pennington, John Wesley; Taylor, Frank Woodland; Giovannetti, Louis John; Ernst, Victoria Sarah; Forbes, Albert Ernest; McNeil, Alexander John; Braine, Winifred Brenda; Mathers, Robert Evans; Salter, Orland Ray; (Cook, Alexander David; Cooke, Allen Percy Archer; Gillis, Ewen Younan; Reynolds, James.

JUNIOR CHEMISTRY.

Ernst, Victoria Sarah; Braine, Winifred Brenda; Reynolds, James; Coediner, Charles Almon; Gillis, Ewen Younan; Taylor, Frank Woodland; Pennington, John Wesley; Braine, Lawrence Bernard Wilfrid; Miller, James Ross; Mathers, Robert Evans; O'Brien, Milton Addison; Dymond, William Adams; Salter, Orland Ray; Giovannetti, Louis John; (Forbes, Albert Ernest; Pratt, Nelson.)

Supplementary.—Farrell, Louis Patrick; Almon, William Bruce.

BOTANY.

Miller, James Ross; Salter, Orland Ray; Braine, Winifred Brenda; Reynolds, James; Braine, Lawrence Bernard Wilfrid; Cook, Alexander David; (Ernst, Victoria Sarah; Pratt, Nelson; Cameron,

Simon Hugh Holmes; (Forbes, Albert Ernest; Taylor, Frank Woodland; Gillis, Ewen Younan; Pennington, John Wesley; Giovannetti, Louis John; O'Brien, Milton Addison; Dymond, William Adams; Mathers, Robert Evans; McNeil, Alexander John; (Cooke, Allen Percy Archer; Egar, William Henry.)

SENIOR ANATOMY.

Atkinson, Edward Payson; McLean, Murdoch Thomas; Mackay, John St. Clair; Munroe, James Gilbert; (Almon, William Bruce; Forrest, William Duff; McMillan, Charles Edward; Armstrong, Tremaine Ernst; Farrell, Louis Patrick; (Backley, Avery Filla; Randall, Mary Leila.)

PHYSIOLOGY AND EMBRYOLOGY.

Atkinson, Edward Payson; Munroe, James Gilbert; MacKay, John St. Clair; McLean, Murdoch Thomas; Armstrong, Tremaine Ernst; McMillan, Charles Edward; Farrell, Louis Patrick; Almon, William Bruce.

Supplementary.—McDonald, Edward Murray; Backley, Avery Filla; Farrell, Edward Dornick.

SENIOR CHEMISTRY.

Munroe, James Gilbert; MacKay, John St. Clair; Atkinson, Edward Payson; (McMillan, Charles Edward; Almon, William Bruce; Armstrong, Tremaine Ernst; (Randall, Mary Leila; McLean, Murdoch Thomas; Farrell, Louis Patrick.

Supplementary.—McDonald, Edward Murray; Dickey, Hugh Leverette.

PRACTICAL CHEMISTRY.

MacKay, John St. Clair; Atkinson, Edward Payson; Miller, James Ross; (Armstrong, Tremaine Ernst; Munroe, James Gilbert; McLean, Murdoch Thomas; Randall, Mary Leila; Reynolds, James; (Almon, William Bruce; Farrell, Louis Patrick; O'Brien, Milton Addison.

MATERIA MEDICA AND THERAPEUTICS.

Brehm, Robert Almon; Thompson, Alfred; Archibald, Matthew George; McDonald, Daniel; Morton, Angus McDonald; Gaudier, George Gaw; McKenzie, Murdoch Daniel; Dickey, Hugh Leverette; Backley, Avery Filla; Forrest, William Duff.

MEDICAL JURISPRUDENCE AND HYGIENE.

Brehm, Robert Almon; Thompson, Alfred; Archibald, Matthew George; Morton, Angus McDonald; Backley, Avery Filla; McKenzie, Murdoch Daniel; Gaudier, George Gaw; McDonald, Edward Murray; Forrest, William Duff; Dickey, Hugh Leverette; McDonald, Daniel.

PATHOLOGY AND BACTERIOLOGY.

Bentley, Robie Dagwell; Fraser, Alexander; Gleason, Robert; Brown, Martha Wyman; Dorman, Oscar Chipman; Bissett, Ernest Eugene; Payson, Henry Allison; Gates, Charles Randall.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.

Fraser, Alexander; (Bentley, Robie Dagwell; Gleason, Robert; Brown, Martha Wyman; Dorman, Oscar Chipman; (Bissett, Ernest Eugene; Payson, Henry Allison; Gates, Charles Randall.

* Not including Pathology and Bacteriology.

† Including Pathology and Bacteriology.

* For Physiology only.

SICHOEY, OPHTHALMOLOGY, ETC.

Fraser, Alexander; Grierson, Robert; Bentley, Robie Dagwell;
 Payzant, Henry Allison; Brown, Martha Wyman; Dorman, Oscar
 Chipman; Gates, Charles Randall; Bisset, Ernest Eugene.

Supplementary.—Slaterwhite, Stephen Sinclair.

MEDICINE.

Grierson, Robert; Dorman, Oscar Chipman; (Fraser, Alexander;
 Gates, Charles Randall; Bentley, Robie Dagwell; Payzant, Henry
 Allison; Brown, Martha Wyman; Bisset, Ernest Eugene.

Supplementary.—Ross, Alexander.

CLINICAL SURGERY.

(Gates, Charles Randall; Grierson, Robie; Payzant, Henry Allison;
 Bisset, Ernest Eugene; Dorman, Oscar Chipman; Fraser, Alexander;
 Bentley, Robie Dagwell; Brown, Martha Wyman.

Supplementary.—Slaterwhite, Stephen Sinclair.

CLINICAL MEDICINE.

Dorman, Oscar Chipman; Fraser, Alexander; Grierson, Robert;
 (Bentley, Robie Dagwell; Bisset, Ernest Eugene; Brown, Martha
 Wyman;) (Payzant, Henry Allison; Gates, Charles Randall).

GRADUATES.

DOCTORS OF LAWS.

(Honoris Causa.)

Bailey, Prof. L. W., <i>M. A., Ph. D., F. R. S. C.</i> , Univ. of N. B.	1896
Gilpin, E., <i>A. M., F.G.S., F.R.S.C.</i> , Inspector of Mines, Halifax	1892
Grant, Very Rev. G. M., <i>D. D., F. R. S. C.</i> , Principal of Queen's Univ., Kingston	1892
Kingsford, William, <i>C. E., LL. D., F. R. S. C.</i> , Ottawa	1896
MacKay, A. H., <i>B.A., B.Sc., F.R.S.C.</i> , Supt. of Education, Halifax	1892
Patterson, Rev. George, <i>D. D., F. R. S. C.</i> , New Glasgow	1896
Sedgewick, Hon. R., Judge Supreme Court of Canada, Ottawa	1893
Thompson, Hon. Sir J. S. D., <i>K. C. M. G., P. C.</i> , (obit.)	1892

MASTERS OF ARTS.

Allan, Rev. John M., Waterville, Kings	1876
Annand, Rev. Joseph, <i>D. D.</i> , Santo	1872
Archibald, Rev. Alex. D., Salina	1897
Archibald, Sara E. (Mrs John A. MacIntosh), Malone, N. Y.	1894
Archibald, Rev. W. P., Sunnybrae	1878
Baxter, Agnes S., <i>Ph. D.</i> , (Mrs. A. R. Hill), Lincoln, Nebraska	1892
Bayne, Prof. H. A., <i>Ph. D., F. R. S. C.</i> , (obit.)	1872
Best, Tillie Agatha, Farmington, N. S.	1896
Burkitt, Robert J., Athlery, Ireland	1890
Butler, Geo. K., Yarmouth	1897
Cameron, Rev. J. J., Shakespeare, Ont.	1871
Campbell, W. R. Truro Academy	1895
Carr, Rev. A. F., Campbellton, N. B.	1871
Chase, Rev. J. H., Onslow	1869
Credman, Rev. D. F., (obit.)	1880
Crowell, Rev. Edwin, Canning, N. S.	1851
Carrier, Rev. F. A., Gagetown, N. B.	1896
Dickie, Alfred, Upper Stewiacke	1883
Fitzpatrick, H. H. K., <i>LL. B.</i> , Stellarton	1888
Forbes, Edgar W., Dartmouth	1897
Forrest, James, (obit.)	1872
Foster, Rev. Arthur H., <i>B. D.</i> , Riverside	1897
Freese, Rev. David A., Shubenacadie	1897
Grant, D. K., Halifax	1891
Grant, M. P., Pictou Moccin	1895
Grant, Rev. R. J., <i>B. D.</i> , River John	1895
Harrington, Emily B., Halifax	1894

Herdman, Rev. J. T., B. D., Calgary	1878
Herdman, W. C., Pictou	1881
Jamieson, Harriet J., Halifax	1895
Jordan, Rev. L. H., B. D., Toronto	1878
Langille, R. M., L.L. B., New Glasgow	1888
Logan, J. D., M. A., Ph. D., Prof. of Philosophy, Ursinus Col., Pa. 1894	
Logan, Rev. R., Santa Monica, Cal.	1880
McArthur, Rev. S. J., N. Bedoue, P. E. I.	1894
Macdonald, Charles de W., Halifax	1895
MacDonald, J. M., (obit.)	1870
Macdonald, Rev. P. M., Wolfville	1895
MacDregor, Prof. J. G., D. Sc., Halifax	1874
McIntosh, Rev. Chas. D., Grand Bay, N. B.	1897
Macintosh, Rev. J., B. D., MalagaWATCH	1896
Mackay, Rev. A. W., Colorado	1893
Mackay, Rev. J. D., B. D., Doerchester	1895
McKay, Mary A., Dartmouth	1897
McKenzie, Ellen M., Truro Academy	1895
McKenzie, Hugh, Truro	1875
McKenzie, Prof. J. J., Ph. D., (obit.)	1872
McLean, Rev. Lasehlin H., B. A., (Queen's), Cape Breton	1897
McLennan, Rev. J. W., B. D., N. W. T.	1887
McLeod, Rev. A. W., Ph. D., Thorburn	1878
McLeod, Rev. J. W., (obit.)	1889
McNairn, Rev. Wm. W., Sheet Harbor	1897
McNaughton, Rev. Samuel, Preston, England	1870
Milligan, Rev. G. S., Harbor Grace, Nfld.	1896
Moeton, Silvanus A., Halifax Academy	1894
Murray, Prof. W. C., M. A., Dalhousie Coll., of classical graden. 1893	
Newcombe, E. L., L.L. B., Dep. Min. of Justice, Ottawa	1881
Patterson, George G., New Glasgow	1887
Putnam, Rev. H., (obit.)	
Robins, E. P., Bedoue, P. E. I.	1896
Ross, Hedley B. V., Stanley Bridge, P. E. I.	1895
Ross, Jennie W., Kentville Academy	1896
Ross, Mary S., North Bedoue, P. E. I.	1896
Scott, Rev. Ephraim, Montreal	1875
Smith, Rev. D. H., Truro	1871
Smith, Rev. J. F., (obit.)	1890
Smith, Rev. Wm. H., B. D., Ferrons	1897
Strathie, Rev. R. G., B. D., Newport, N. S.	1896
Trisman, A. I., D. C. L., St. John	1878

MASTER OF LETTERS.

Muir, Ethel, Ph. D., Prof. of Philosophy, Mt. Holyoke	1890
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BACHELORS OF ARTS.

The signs and numbers prefixed in some cases to the names have the following significations:

- ¹Graduated with High Honours in Classics.
- ²Graduated with Honours in Classics.
- ³Graduated with High Honours in Latin and English.
- ⁴Graduated with Honours in Latin and English.
- ⁵Graduated with High Honours in Greek and English.
- ⁶Graduated with Honours in Greek and English.
- ⁷Graduated with High Honours in English and German.
- ⁸Graduated with Honours in English and German.
- ⁹Graduated with High Honours in English and English History.
- ¹⁰Graduated with Honours in English and English History.
- ¹¹Graduated with High Honours in Philosophy.
- ¹²Graduated with Honours in Philosophy.
- ¹³Graduated with High Honours in Mathematics and Mathematics Physics.
- ¹⁴Graduated with Honours in Mathematics and Mathematical Physics.
- ¹⁵Graduated with High Honours in Experimental Physics and Chemistry.
- ¹⁶Graduated with Honours in Experimental Physics and Chemistry.
- ¹⁷Graduated with High Honours in Chemistry and Chemical Physics.
- ¹⁸Graduated with Honours in Chemistry and Chemical Physics.
- ¹⁹Graduated with Great Distinction.
- ²⁰Graduated with Distinction.
- ^aGovernor-General's Gold Medal.
- ^bGovernor-General's Silver Medal.
- ^cSir William Young's Gold Medal.
- ^dDeMille Gold Medal.
- ^eMacKenzie Gold Medal.
- ^fAttained standard qualifying for Gold Medal.
- ^gNominated for 1891 Exhibition Science Scholarship.
- ^hAvery Prize.
- ⁱSometime Minor Tutor in Mathematics.
- ^jSometime Minor Tutor in Classics.

NOTE.—Previous to 1893-94 the terms First Rank Honours and Second Rank Honours were used instead of High Honours and Honours respectively and the terms First Rank General Distinction and Second Rank General Distinction instead of Great Distinction and Distinction respectively.

¹³ Adams, H. S., Jesuits' College, Montreal	1884
Aitken, R. T. D., Newcastle, N. B.	1895
¹⁴ Aitken, W., Sussex, N. B.	1885
Allan, Rev. John M., Waterville, Kings	1873
Allison, Edmund P., Halifax	1889
¹⁵ Allison, Rev. Matthew G., St. Martins, N. B.	1886
Amund, Edward E., Truro, N. S.	1893
Amund, Rev. Joseph, D. D., Santo	1869
Archibald, Adams, D., Halifax	1895
Archibald, Rev. Alexander D., Salina	1895
Archibald, Rev. F. W., M. A., B. D., Ph. D., (obit.)	1877
¹⁶ Archibald, Herbert T., Colton, Cal.	1897
¹⁷ Archibald, Sara E., (Mrs John A. MacIntosh), Malone, N.Y. 1892	
Archibald, Rev. W. P., B. D., Sunnyside	1872

¹⁰ Austen, Mirra May, Halifax.....	1897	¹⁰ Coffin, Rev. F. J., Instr. in Compar. Religion, Chic. Univ.....	1886
Baker, Elms, Sheet Harbour.....	1896	Coffin, Rev. F. S., <i>M. A.</i> , Lower Stewiacke.....	1885
¹¹ Bakin, F. W. M., Digby.....	1892	Coffin, Robt. L., Charlottetown, P. E. I.....	1887
Barstead, A. S., Halifax.....	1893	¹⁰ Coffin, V. E., <i>Ph. D.</i> , Asst. Prof. of History, University of Wisconsin.....	1887
¹⁰ Baxter, Agnes S., <i>Ph. D.</i> , (Mrs. A. R. Hill), Lincoln, Neb., 1891		Cogswell, G. A., <i>M. A.</i> , Cornell University.....	1890
Bayne, Prof. H. A., <i>Ph. D.</i> , <i>F. R. S. C.</i> , (obit.).....	1869	¹⁰ Cope, Frank H., <i>M. D. C. M.</i> , New Glasgow.....	1887
Bayne, Rev. E. S., Mahon.....	1871	Costley, Alfred, Halifax.....	1881
¹⁰ Bell, F. H., Halifax.....	1876	Cox, George H., Shelburne.....	1891
¹⁰ Bell, J. A., Texas.....	1883	Crowford, Rev. J. A. Cardigan, P. E. I.....	1894
Best, Tillie A., Farmington, N. S.....	1895	Croftman, Rev. D. F., (obit.).....	1873
¹¹ Bignlow, H. V., Truro.....	1894	¹⁰ Croftman, H. G., <i>B. Sc.</i> , Upper Stewiacke, N. S.....	1881
Blanchard, C. W., Truro.....	1880	Creighton, J. G. A., Ottawa.....	1868
¹⁰ Brehan, E., Harvard Univ.....	1894	Creighton, H. S., Dartmouth.....	1880
¹⁰ Brehan, J. W., Westerly, Rhode Island.....	1891	¹⁰ Creighton, J. E., <i>Ph. D.</i> , Prof. of Metaph., Cornell Univ.....	1887
¹⁰ Brown, E. N., Lower Newcastle, N. B.....	1889	¹⁰ Crowell, Rev. Edwin, Canong, N. S.....	1880
Bunce, Rev. W. T., <i>M. D.</i> , Church Point, N. B.....	1872	Cruikshank, Rev. W., <i>B. D.</i> , Montreal.....	1872
Bryden, Rev. C. W., Solikirk.....	1873	¹⁰ Cunning, Essie A., Westville.....	1896
¹⁰ Buchanan, James Jost, Sydney, C. B.....	1887	Cunning, Melville, Truro.....	1897
Burchell, Chas. J., Sydney, C. B.....	1887	Cummings, Alfred G., Lower Onslow.....	1896
Burgess, Rev. J. C., Danville, Cal., U. S.....	1867	Cummings, Edwd., Halifax.....	1897
¹⁰ Burkitt, Robert J., Athenery, Ireland.....	1889	Currie, William D., Halifax.....	1896
Butler, George K., Yarmouth.....	1896	Currer, Rev. F. A., Upper Gagetown, N. B.....	1895
Cahan, Charles H., Halifax.....	1886	Dakin, Wm., Truro.....	1897
Cairns, Rev. J. A., <i>M. A.</i> , Scotsburn.....	1878	Davidson, J. F., Pinos Altos, Grant Co., New Mexico.....	1882
Cahler, Rev. John, <i>B. D.</i> , West Bay, C. B.....	1896	Davidson, Lilla A., Halifax.....	1896
ACalkin, W. S., Truro.....	1887	Davidson, James McG., Halifax.....	1889
¹⁰ Cameron, C. S., Amherst.....	1879	Denoon, Alex. H., Westville, Pictou Co.....	1897
¹⁰ Cameron, Ira W., New Glasgow.....	1897	Dickie, Alfred, Upper Stewiacke.....	1879
¹⁰ Cameron, Rev. J. H., Base River, N. B.....	1878	¹⁰ Dickie, Gordon, Millford.....	1896
Cameron, Rev. J. J., Shakespear, Ont.....	1867	Dickie, Rev. Henry, Windsor.....	1885
Cameron, William, Merigomish.....	1873	Dill, Rev. E. M., <i>B. D.</i> , Summerside, P. E. I.....	1884
Campbell, Alexander J., Truro.....	1886	Douglas, Ernest A., Maitland.....	1893
Campbell, D. F., <i>M. A.</i> , Harvard Univ.....	1890	Douglas, John R., New Laird.....	1896
¹⁰ Campbell, George M., <i>M. D.</i> , Halifax.....	1882	Donl, W. S., Halifax.....	1874
Campbell, R. S.....	1892	¹⁰ Duchemin, H. P., Pictou Academy.....	1865
Campbell, William R., Truro.....	1887	Duff, Kenneth, Lunenburg.....	1873
Carmichael, J. M., New Glasgow.....	1872	¹⁰ Emmerson, R. E. J., (obit.).....	1879
Carr, Rev. A. F., Campbellton, N. B.....	1868	Fankner, Ebenezer H., Folly Village.....	1897
¹⁰ Carson, Rav. G. S., Pictou, N. S.....	1882	Finlayson, Duncan, <i>M. P. P.</i> , Grand River, C. B.....	1893
Chambers, F. B., Truro.....	1879	Fisher, Arthur F., Lower Stewiacke.....	1897
Chambers, R. E., Truro.....	1877	Fisher, Rev. J. M., Princeton, P. E. I.....	1890
Chapman, Rev. A. E., Salisbury, N. B.....	1896	¹⁰ Fitzpatrick, H. H. K., <i>LL. B.</i> , Stellarton.....	1885
Chase, Rev. J. H., Onslow.....	1866	Fitzpatrick, Rev. James, Saltpings.....	1875
Cristie, Rev. T. M., (obit.).....	1868	Forbes, Assisiente, Academy, Yarmouth.....	1887
¹⁰ Church, Nina E., Bedford.....	1896	Forbes, E. W., Dartmouth, N. S.....	1893
Clarke, Rev. Daniel McD., Chipman, N. B.....	1888	Forbes, Wm., Little Harbour, Pictou Co.....	1867
Clarke, Harold M., St. Stephen, N. B.....	1897	Foster, James, (obit.).....	1868
Cock, Daniel G., West River, Pictou.....	1897		

Foster, Rev. A. H., Riverside, N. B.	1805	⁶¹ Hugh, David D., <i>M. A.</i>	1891
Fraser, Rev. D. A., Wallace	1805	Hunter, John, California	1873
⁵⁷ Fraser, Alex., West River, Pictou Co.	1809	Irving, Thomas, Buctouche, N. B.	1896
Fraser, Rev. A. L., <i>B. D.</i> , Blue Mountains	1803	Janieson, Harriet J., Halifax	1804
Fraser, Rev. Donald S., George, N. B.	1807	Johnson, K. W., Upper Stewiacke	1804
⁵⁸ Fraser, D. A., New Glasgow	1805	⁶² Johnson, Rev. George F., <i>B. A., B. D.</i> , Digby	1892
Fraser, Hon. D. C., <i>M. P.</i> , New Glasgow	1872	Johnson, Rev. G. M., (obit.)	1888
Fraser, D. S., Springside, Cal. Co.	1874	Johnson, J. B., Loch Broom, N. S.	1892
Fraser, H. M., (obit.)	1894	Jones, Frank, Digby	1884
Fraser, Rev. John K. G., Alberton, P. E. I.	1889	⁶³ Jordan, Elijah J., Murray Harbor, P. E. I.	1891
⁵⁹ Fraser, Rev. W. M., Halifax	1883	⁶⁴ Jordan, E. E., Prince of Wales Coll., P. E. I.	1896
Fraser, W. R., <i>Ph. D.</i> , Johns Hopkins Univ.	1882	Jordan, Rev. L. H., <i>B. D.</i> , Toronto	1875
Fraser, Victor G., Providenes, R. I.	1889	Kesler, Ralph T., Bridgewater	1892
Fulton, Eben, (obit.)	1890	Kennedy, James S., Port Philip, N. S.	1891
⁶⁰ Fulton, K. M., <i>A., Ph. D.</i> , East. in English, Harv. Univ.	1889	Kimman, F. S., <i>M. D.</i> , Centreville	1880
Fulton, G. H., <i>M. D. C. M.</i>	1876	Knowles, J. H., <i>M. D.</i> , New Bedford, Mass.	1882
Fulton, W. H., Halifax	1888	Laird, Rev. Alex., Port Hope, Ont.	1880
⁶¹ Gammell, Isaac, Montreal	1885	⁶⁵ Laird, A. G., <i>Ph. D.</i> , Prof. of Greek, Univ. of Wisconsin	1880
⁶² George, Rev. J. L., <i>M. A.</i> , Montreal	1878	Laird, G. A., Manitoba	1877
Goodwin, Emily M., St. John, N. B.	1891	Landels, R., Cedar Hill, B. C.	1882
Graham, R. H., New Glasgow, N. S.	1892	⁶⁶ Langille, R. M., <i>L.L.B.</i> , New Glasgow	1885
Grant, D. K., Halifax	1888	⁶⁷ Lawson, Thomas, Waterville, N. S.	1805
Grant, George A., Trinidad	1896	Layton, J. S., Liverpool Academy	1805
Grant, M. D., Hopewell N. S.	1894	Lewis, Rev. Abner W., <i>B. D.</i> , Charlotte Co., N. B.	1886
Grant, M. F., Port Morien	1894	⁶⁸ Lewis, E. W., Principal High School, Campbellton, N. B.	1890
Grant, Mary S., Port Morien, C. B.	1897	Lindsay, A. W. H., <i>M. B. C. M.</i> , Halifax	1870
Grant, Rev. R. J., <i>B. D.</i> , River John	1894	Lippincott, Aubrey, <i>M. D.</i> , Pittsburg, Pa.	1867
Grant, W. R., (obit.)	1877	Locke, R. T., Lockeport	1885
Grata, Rev. H. G., Andover, N. B.	1892	⁶⁹ Logan, J. D., <i>M. A., Ph. D.</i> , Prof. of Philosophy, Ursinus College, Pa.	1893
Gray, W. S., Hopewell, N. S.	1894	⁷⁰ Logan, J. W., Academy, Halifax	1894
Grierson, John A., Weymouth Bridge	1891	Logan, Melville, Halifax	1873
Gunn, Rev. Adam, Cardigan, P. E. I.	1872	Logan, Rev. Richmond, Santa Monica, Cal.	1877
Hamilton, H. H., Pictou	1857	McArthur, Rev. S. J., N. Bonaque, P. E. I.	1893
⁷¹ Harrington, Emily B., Halifax	1892	McCurdy, Rev. J. F., Boshaw, P. E. I.	1891
Havry, Rev. McLeod, Quashdy	1889	McCurdy, S. T., New Glasgow	1877
Hattie Robert M., Halifax	1897	McDonald, A. F., Hopewell, N. S.	1892
Hebb, Bertha B., Maitland	1894	McDonald, Rev. A. J., Union Centre, Antigonish Co.	1892
Hehry, Joseph K., Shubenacadie	1889	⁷² Macdonald, Blanche, Hopewell	1895
⁷² Hepleys, W. M., Pictou	1895	Macdonald, C. de W., Halifax	1873
Herdman, A. W., Pictou	1877	McDonald, Rev. Donald, <i>B. D.</i> , Strathmore, C. B.	1884
⁷³ Herdman, Rev. J. C., <i>B. D.</i> , Calgary	1874	McDonald, Ida Grace, River John	1893
Herdman W. C., Pictou	1874	⁷⁴ McDonald, J. A., Halifax	1883
Hetherington, Eva F., Halifax	1897	McDonald, J. H., (obit.)	1867
Hill, Allan M., Halifax	1896	McDonald, Rev. P. M., Wolfville	1894
⁷⁵ Hill, A. R., <i>Ph. D.</i> , Prof. of Philosophy, Univ. of Nebraska	1892	McDonald, Robert J., Hopewell, N. S.	1889
⁷⁶ Hobbecker, Clara C., (Mrs. Alex. Laird), Port Hope, Ont.	1894	McDonald, William, Truro	1888
Howatt, Cornelius A., Alberton, P. E. I.	1893	Macdonald, W. M., Halifax	1881

McDowell, Isaac, (obit.).....	1874
McGlashen, Rev. J. A., B. D., Belvidere, C. B.....	1891
McGregor, Rev. Daniel, Amherst.....	1874
McGregor, Prof. J. G., D. Sc., F. R. S. E. & C., Halifax.....	1871
¹⁰ MacGregor, Robert M., New Glasgow.....	1890
¹¹ McGregor, T. S., Little Bran d'Or.....	1883
McIntosh, Rev. C. D., Grand Hay, N. B.....	1893
McIntosh, D. C., Springville, N. B.....	1890
¹² McIntosh, D. S., Port Hood, C. B.....	1892
¹³ McIntosh, Rev. J., Malagawatch, C. B.....	1894
¹⁴ McIntosh, Rev. J. A., Maloro, N. Y.....	1892
¹⁵ McKay, A. H., B. Sc., F. R. S. C., Sept. of Education, Hts.....	1873
Mackay, Alex. L., Balsoral Mills.....	1897
¹⁶ Mackay, Rev. A. W., Colorado.....	1894
McKay, D. McG., M. D., Lorne.....	1893
¹⁷ McKay, Rev. D. O., Chabogue.....	1890
¹⁸ McKay, Prof. Ebenzer, Ph. D., Halifax.....	1880
¹⁹ McKay, H. M., B. A. Sc., Marine Dept., Ottawa.....	1888
²⁰ McKay, Irs, Pictou.....	1897
McKay, Rev. J. D., B. D., Dorchester.....	1894
Mackay, Rev. Kenneth, Richmond, N. B.....	1893
McKay, Mary A., Dartmouth.....	1896
McKay, M. S., Cariboo River, N. S.....	1892
²¹ McKay, Nell F., Regina, N. W. T.....	1885
²² McKay, Thomas C., Dartmouth.....	1893
McKay, William, R., Princeton Seminary.....	1890
McKeen, Rev. J. A., Orono, Ontario.....	1873
²³ McKenzie, A. S., Ph. D., Prof. of Physics, Bryn Mawr, Pa.....	1883
McKenzie, Ellen M., Truro Academy.....	1894
McKenzie, Hugh, Truro.....	1872
McKenzie, Rev. James, Piquash.....	1878
McKenzie, Prof. J. J., Ph. D., (obit.).....	1869
McKenzie, Rev. J. W., East St. Peter's, P. E. I.....	1882
McKenzie, Rev. W. J., (obit.).....	1888
McKinnon, John A., Halifax.....	1850
¹ McKittrick, Burgess, Lunenburg.....	1877
McLean, C. A., Englishtown, C. B.....	1893
² McLean, E. M., M. D.....	1879
McLean, Rev. J. A., Harvey, N. B.....	1876
³ McLean, Rev. J. B., B. D., Little Harbor, N. S.....	1891
McLean, Leuchlin A., Marby Hops, Pictou Co.....	1897
⁴ McLean, Stewart C., New Glasgow.....	1897
McLennan, Rev. J. W., B. D., N. W. T.....	1883
McLennan, S. J., Sydney, C. B.....	1888
McLeod, Rev. A. W., Ph. D., Thorburn.....	1875
⁵ McLeod, Ambrose W., M. A., (obit.).....	1888
McLeod, Rev. Donald, Princesville, Ont.....	1874
⁶ McLeod, F. J., M. A., Prof. of English, Univ. of Nebraska.....	1890
⁷ McLeod, George, Murray River, P. E. I.....	1888
McLeod, J. M., M. A., Valleyfield, P. E. I.....	1885
⁸ McLeod, J. P., Principal of High School, Victoria, B. C.....	1884
McLeod, Rev. J. W., (obit.).....	1876
⁹ McLeod, Malcolm J., Belfast, P. E. I.....	1887
McMillan, C. E., Halifax Medical College.....	1891
McMillan, F. A., Albany Plains, P. E. I.....	1891
¹⁰ McMillan, Rev. G. W., Malpasco, P. E. I.....	1875
McNair, Rev. W. W., Sheet Harbour.....	1893
McNaughton, Elizabeth Sheffield, St. John, N. B.....	1891
McNaughton, Rev. Samuel, Preston, G. B.....	1867
¹¹ McNeill, Charlotte M., (Mrs. H. McInnes), Halifax.....	1887
¹² MacNeill, Murray, Fellow, Cornell Univ.....	1896
McNeil, Roderick, St. Catherine's, P. E. I.....	1892
McOdram, Donald, Mira, C. B.....	1897
McPhee, Margaret J., Baddeck.....	1894
¹³ Macrae, A. O., Edinburgh Univ.....	1893
Macrae, A. W., M. A., St. John, N. B.....	1886
Mellae, Duncan M., Baddeck.....	1896
Magee, W. H., Ph. D., Academy, Parrishoro.....	1891
Mahon, Harry E., Halifax.....	1896
Martin, Albert J. D., Valleyfield, P. E. I.....	1893
¹⁴ Martin, K. J., Charlottetown, P. E. I.....	1883
Mason, Rev. W. A., Georgetown, P. E. I.....	1877
Matheson, Rev. J. A., B. D., Davisburg, N. W. T.....	1888
Maxwell, George H., Halifax.....	1897
Maxwell, Ruth E., Halifax.....	1897
Mellish, Humphrey, Halifax.....	1882
Miller, Rev. E. D., Yarmouth, N. S.....	1890
Miller, Rev. George, Brookfield, P. E. I.....	1890
Miller, James R., Yarmouth.....	1897
Milligan, Rev. G. S., Harbor Grace, Nfld.....	1894
¹⁵ Moore, C. L.....	1891
Morash, Rev. A. V., Calcutta.....	1891
Morris, C. H., McGill University.....	1895
¹⁶ Morrison, A. M., Instructor in Physics, Chicago Univ.....	1888
Morton, Joseph S., M. D., Shelburne.....	1876
Morton, R. F., Chester.....	1893
¹⁷ Morton, Silvanus A., Halifax Academy.....	1880
Munro, Rev. Christopher, Oxford, N. S.....	1891
Munro, G. W., 17-27 Vandewater Street, New York.....	1878
Munro, Rev. J. B., Antigonish.....	1878
Murdock, William C., Princeton Seminary.....	1896
¹⁸ Murray, D. A., Ph. D., Instr. in Mathematics, Cornell Univ.....	1884
Murray, John C., Halifax.....	1896
Murray, J. S., (obit.).....	1877
¹⁹ Murray, John T., Truro.....	1897
²⁰ Murray, Lucy C., Halifax.....	1893

Murray, R. H., Halifax	1894	¹⁰ Shaw, Henry C., Stashope, P. E. I.	1887
Murray, Wilbur, Ancherat	1896	¹¹ Shaw, James C., M. A., Vancouver High School, B. C.	1887
Newcombe, E. L., <i>L.L.B.</i> , Dep. Min. of Justice, Ottawa	1878	Shaw, Percy J., Waterville	1897
¹² Newcombe, M. F., (Mrs. J. S. Traeman), Ladies' Coll., Halifax	1885	Shaw, Robert, (obit.)	1896
¹³ Nicholson, Alfred, M. A., Southport, P. E. I.	1886	Shinner, Harry B., Halifax	1897
¹⁴ Nicholson, John W. A., Olan, Richmond Co.	1897	¹⁵ Simpson, F. S., B. A., Academy, New Glasgow	1894
Oakes, Ingram, New Albany	1896	Simpson, Rev. Isaac S., Lucerne, Ind., U. S. A.	1895
¹⁶ Oliver, A. C. L., Digby	1891	Smith, Alex., Princeton	1895
¹⁷ Oxley, J. M., <i>L.L.B.</i> , Montreal	1874	Smith, Rev. D. H., Truro	1867
Paton, Vincent J., Bridgewater, N. S.	1889	Smith, Rev. Edwin, Middle Musquodoboit	1887
Patterson, George G., New Glasgow	1882	Smith, E. B., Truro	1890
Pinhade, Collis, M. D., C. M., (obit.)	1877	¹⁸ Smith, Rev. James F., B. D., (obit.)	1886
Polley, Rev. J. F., Lower Musquodoboit	1895	Smith, Rev. W. H., B. D., Ferrona	1894
Pollok, A. W., (obit.)	1872	Smithers, Rev. Allan, Waterford, N. B.	1889
Putnam, Harold, Truro, N. S.	1893	¹⁹ Solomon, D. M., Principal New Glasgow High School	1888
Putnam, Rev. Homer, (obit.)	1889	Spencer, Rev. W. H., Montague, P. E. I.	1881
Putnam, J. F., Matiland	1894	Stairs, H. B., Halifax	1891
Putnam, William G., M. B., C. M., Yarmouth	1887	A Stewart, Alexander F., Pictou	1887
Rattos, Rev. E. J., Noel	1890	²⁰ Stewart, Donald, M. D., Bridgewater	1886
Reid, David M., Middle Musquodoboit	1897	Stewart, F. L., Academy, Sydney	1889
Robb, Alexander F., St. John	1896	²¹ Stewart, James McG., (obit.)	1876
Robertson, S. N., North Bedouque, P. E. I.	1892	Stewart, Rev. Thomas, B. D., Dartmouth	1882
Robertson, T. B., Kentville	1888	Stirling, Alexander D., Clifton, P. E. I.	1896
²² Robins, E. P., Cornell Univ.	1893	²³ Stirling, John, Clifton, P. E. I.	1895
²⁴ Robinson, Alexander, Vancouver, B. C.	1890	Stramberg, H. M., New Westminster, B. C.	1875
²⁵ Robinson, C. B., Kentville	1891	Streatle, Rev. E. G., B. D., Newport	1895
Robinson, D. M., British Columbia	1893	Sutherland, George A., Boiestown	1896
²⁶ Robinson, G. E., Vancouver, B. C.	1883	Sutherland, Rev. J. M., Virden, Man.	1869
Robinson, Rev. J. M., Moncton	1873	²⁷ Sutherland, Rev. J. S., Sumner, N. B.	1888
²⁸ Rodgers, J. A. C., Pisiquid, P. E. I.	1896	Taltrix, Rev. G. P., N. W. T.	1894
Rogers, Rev. Anderson, New Glasgow	1878	Taylor, W. B., (obit.)	1884
Ross, Alexander, Dalhousie, N. B.	1867	²⁹ Thompson, Rev. A. W., M. A., Couva, Trinidad, W. I.	1885
Ross, Arthur, Ferrona	1897	Thompson, Rev. F. W., Upper Musquodoboit	1891
³⁰ Ross, Rev. George E., B. D., N. W. Arm, Halifax	1893	Thompson, Margaret, Antigonish	1897
Ross Hedley, D. V., New York State	1893	Thompson, Willard S., North Sydney	1893
³¹ Ross, Jennie W., Kentville Academy	1895	AThompson, A. E., Halifax	1880
³² Ross, Mary S., N. Bedouque, P. E. I.	1894	Theoburn, W. M., I. C. S., Madras Pres., India	1870
Ross, Rev. William, Prince William, N. B.	1873	Tory, E. J., Windsor	1882
Ross, William D., Stanley Bridge, P. E. I.	1896	Trefry, J. H., Halifax	1895
³³ Rowlings G. A. B., Halifax	1890	Trossman, A. P., D. C. L., St. John	1872
Russell, Rev. A. G., Oyster Bay, L. I., N. Y.	1871	³⁴ Trossman, Prof. J. S., (obit.)	1882
³⁵ Scharman, G. W., New York	1890	ATuffa, Rev. W. M., M. A., Stellarton	1885
Scott, Rev. Ephraim, Montreal	1872	³⁶ Tupper, J. W., <i>PA. D.</i> , Editor Clifton, Phila.	1891
Scott, Rev. Prof. H. McD., D. D., Chicago	1870	ATurner, D. F. D., London, G. B.	1884
Scott, J. McD., (obit.)	1877	³⁷ Waddell, Prof. John, <i>PA. D.</i> , D. Sc., Kingston, Ont.	1877
ASedgewick, J. A., Halifax	1881	Waddell, Wm. B., jr., Halifax	1897
Sedgewick, Hon. Robert, Judge Supreme Court of Canada	1867	Wallace, Rev. John, Lone City, Amador, Cal., U. S.	1879
Sedgewick, William M., Tatamagouche	1896	Webster, K. G. T., M. A., Milton High School, Mass.	1862

West, T. F., Prince of Wales College, Charlottetown.....	1891
¹⁸ Weston, Clara P., White River Junction, Vt.....	1892
¹⁹ Weston, R. A., Northern Pacific Ry. Co. St. Paul.....	1892
Whitman, Alfred, Halifax.....	1878
Wilkie, Florence A., Halifax.....	1897
¹⁷ Yorston, F., B. A., Pictou.....	1894

BACHELORS OF LETTERS.

(For the signification of signs and numbers prefixed to the names, see p. 153.)

Crockett, Albert E., Hopewell, Pictou Co.....	1897
Fraser, J. G., Toronto.....	1892
Gunn, A. D., East River, St. Mary's.....	1895
Hill, Amy, Halifax.....	1896
Johnston, J. H., Halifax.....	1896
McDonald, Rev. A. D., Charlottetown.....	1894
McKay, W. P., Truro.....	1895
Marshall, Lillian E., Halifax.....	1896
Montgomery, John, St. John.....	1891
Muir, Ethel, Ph. D., Prof. of Philosophy, Mt. Holyoke.....	1891
¹¹ Hitchie, Eliza, Ph. D., Assoc. Prof. of Philos., Wellesley Col.....	1887

BACHELORS OF SCIENCE.

(For the signification of signs and numbers prefixed to the names, see p. 153.)

Archibald, Ebenezer H., Harmony, Colchester Co.....	1897
Arthur, Rev. George, Lakeside, N. W. T.....	1893
Blair, Alex. D., Loch Broom, Pictou Co.....	1897
Cameron, A. G., Newton, Guysborough Co.....	1892
Campbell, G. G., M. D., Truro.....	1885
Forrest, W. D., Halifax.....	1895
⁸ Fraser, Rev. W. M., B. A., (Dal.), Halifax.....	1889
⁶ Lang, C. C. A., New York.....	1895
McColl, A., New Glasgow.....	1883
¹⁰ McIntosh, D., Cornell Univ.....	1896
McIntosh, D. S., B. A. (Dal.), McGill Univ.....	1896
McKeen, G. W., Harvard Univ.....	1892
¹² McKittrick, F. J. A.....	1894
Miller, J. J., Halifax.....	1885
O'Brien, R. F., Noel, Hants Co.....	1893
¹¹ Reed, A. G., M. B. C. M. (Edin.), England.....	1883
Smith, Rev. H. McN.....	1884
¹⁰ Stewart, Anne A., Philadelphia.....	1886
Tait, J. Sinclair, B. S. (Mt. All.), M. D., Medical Supt. Nfld. Hospital for Insane, St. John's, Nfld.....	1897

BACHELORS OF LAWS.

Aitken, Travens D., B. A. Newcastle, N. B.....	1897
Allison, Edmund P., B. A. (Dal.), Halifax.....	1891
Anderson, A. H., B. A. (Mt. All.), Lunenburg.....	1893
Armstrong, E. H., Halifax.....	1890
Armstrong, E. H., Yarmouth.....	1888
Barnstead, A. S., B. A. (Dal.), Halifax.....	1895
Bennett, A. W., Sackville, N. B.....	1885
Bennett, R. B., Chatham, N. B.....	1893
Bigelow, H. V., B. A. Truro.....	1896
Bill, E. M., B. A., (Acad.), Shelburne.....	1892
Blackadar, H. S., B. A. (Acad.), Halifax.....	1892
Boak, H. W. C., Halifax.....	1885
Borden, H. C., Halifax.....	1894
Bowser, William J., Vancouver, B. C.....	1890
Brown, H. W., B. A., (Acad.), Wolfville.....	1893
Burus, C. B., B. A., (Queen's), Priv. Sec'y Min. Finance, Ottawa.....	1894
Calton, Charles H., B. A. (Dal.), Halifax.....	1890
Callier, Fred., Port Hood.....	1892
Cameron, D. A., Sydney.....	1893
Campbell, Alex., Sydney.....	1889
Campbell, Alex. J., B. A., (Dal.) Truro.....	1889
Campbell, J. E., B. C. L., (Kings), St. John.....	1888
Carter, Titus James, Andover, N. B.....	1887
Carter, William D., Richibucto, N. B.....	1886
Casey, C. E., B. A. (Mt. All.), Amherst.....	1892
Chisholm, Joseph A., Halifax.....	1886
Clancy, Andrew, Halifax.....	1887
Congdon F. H., Halifax.....	1891
Congdon, F. T., B. A., LL. B. (Tor.), Halifax, and various graduat.....	1889
Copp, A. B., Joliette.....	1894
Corbett, J. E., Truro.....	1892
Crowe, R. W., B. A. (Mt. All.), Halifax.....	1894
Crowe, Walter, Sydney.....	1889
Cummings, Selden, W., B. A. (Acad.), Truro.....	1889
Davidson, J. McG., B. A. (Dal.), Halifax.....	1891
Dickrell, G. O. M., New Westminster, B. C.....	1893
Duall, W. S., B. A. (Dal.) Halifax.....	1885
Doyle, Matthew N., Halifax.....	1892
Fairweather, F. L., Sussex, N. B.....	1890
Fairweather, S. L., St. John.....	1891
Ferguson, Wm. M., Earlton.....	1897
Finlayson, Duncan, B. A., (Dal.), M. P. P., Grand River, C. B.....	1895
Forsythe, G. O., B. A. (Acad.) Port Hawkesbury.....	1889
Frano, J. F., Halifax.....	1890
Fraser, A. H. R., Librarian Cornell Law Library.....	1892
Fallerton, C. P., Halifax.....	1895

Fulton, E. M., Cornell University.....	1892
Fulton, J. A., Lower Stewiacke.....	1893
Fulton, W. H., B. A. (Dal.), Halifax.....	1892
Girroit, E. L., B. A. (St. Fran. Xav.), Big Tracadie.....	1895
Grabson, R. B., Brookfield.....	1893
Grabson, R. H., B. A. (Dal.), New Glasgow.....	1904
Grant, D. K., M. A. (Dal.), Halifax.....	1895
Gregory, C. E., Antigonish.....	1888
Grierson, J. A., B. A. (Dal.), Weymouth Bridge.....	1893
Gunn, Alex. D., B. L. St. Mary's.....	1897
Hamilton, C. F., B. A. (Univ. Coll., Ottawa.) (obit.).....	1899
Hanright, Fred, W., B. A. (Kings), Halifax.....	1887
Henry, W. A., Halifax.....	1886
Hewson, E. H., B. A. (Mt. All.), Oxford, N. S.....	1894
Hill, W. A. G., Sydney.....	1894
Hood, John, Shelburne.....	1896
Hosway, F. W., New Westminster, B. C.....	1899
Huggins, W. H., Halifax.....	1899
Irvine, R. A., Baconsche, N. B.....	1894
Ives, W. B., Pictou.....	1885
Jenks Stewart Dixon, L. L. B. (Cornell), Parrisboro.....	1896
Jennison, Hadley V., New Glasgow.....	1886
Johnstone, L. M., Halifax.....	1892
Jones, H. T., Halifax.....	1888
Keefer, Ralph T., B. A. (Dal.), Bridgewater.....	1895
Kesny, J. B., Halifax.....	1893
King, H. W. DeW., Windsor.....	1893
Knight, James A., Halifax.....	1897
Lane, C. W., Lunenburg.....	1887
LeNair, M. U., Halifax.....	1885
L'ogan, H. J., M. P., Amherst.....	1891
Loggie, William James, Chatham, N. B.....	1896
Lovett, Henry A., B. A. (Acad.), Truro.....	1889
Lovett, Lawrence A., Kentville.....	1893
Lyons, William A., Halifax.....	1887
McBride, Richard, New Westminster, B. C.....	1899
McCart, Leander D., B. A. (Acad.), (obit.).....	1896
McCoy, W. B., B. A. (Mt. All.), Halifax.....	1893
McCready, Charles A., Moncton.....	1888
McCully, Frank A., B. A. (U. N. B.), Sussex.....	1887
McDonald, A. F., B. A. (Dal.), Hopewell.....	1894
McDonald, A. J., B. A. (St. Fran. Xav.), Sydney.....	1891
Macdonald, E. M., M. P. P., Pictou.....	1887
McDonald, Joseph, North Sydney.....	1891
McDonald, J. A., B. A., (Dal.), Halifax.....	1886
McDonald, L. X., Sydney.....	1892
McDonald, William, B. A. (Dal.), Truro.....	1890
MacIverth, R., Halifax.....	1895

McLennan, Hector, Halifax.....	1888
McKay, Adams A., B. A., (McGill), Halifax.....	1888
McKay, John W., Pictou.....	1897
McKay, Robert Sims, Plymouth.....	1896
MacKenzie, Alex. G., Amherst.....	1897
McKinnon, D. A., Georgetown, P. E. I.....	1887
McKinnon, J. A., B. A., (Dal.), Halifax.....	1892
McKinnon, John L., B. A., Antigonish.....	1897
McLachly, Henry F., Hillsboro, N. B.....	1887
McLenn, A. K., Lunenburg.....	1892
McLenn, C. A., B. A., (Dal.), Englishtown, C. B.....	1895
McLennan, D., Port Hood.....	1888
McNeill, Alex., B. A., (St. Fran. Xav.), Halifax.....	1891
McNeill, Albert H., Vancouver, B. C.....	1889
McPhoe, D. L., North Sydney.....	1899
McPhie, Stewart, West Bay.....
McVicar, Ronald, Port Morison.....	1896
Magee, Edgar A., (obit.).....	1888
March, S. E., Bridgewater.....	1895
Mathers, P. F., Halifax.....	1902
Mellish, Humphrey, B. A., (Dal.), Halifax.....	1899
Miliken, A. E., Moncton.....	1886
Montgomery, John, B. L. (Dal.), St. John.....	1893
Mooney, P. C. C., (obit.).....	1885
Morine, A. B., St. John's, Nfld.....	1892
Morrison, Aslay, M. P., New Westminster, B. C.....	1888
Morrison, Fred. A., Milltown N. B.....	1897
Morrison, John S. M., St. Peter's, C. B.....	1897
Morse, G., Ottawa.....	1885
Mossley, Edgar W., Sydney, C. B.....	1897
Mauro, H. H., Yarmouth.....	1893
Murray, R. G., St. John.....	1892
Murray, R. H., B. A., (Dal.), Halifax.....	1896
Notting, Thomas, Halifax.....	1890
O'Saughins, Richard, B. A., Antigonish.....	1897
Orbitz, J. F., Halifax.....	1895
Osley, C. H., B. A., (Mt. All.), Oxford.....	1899
Paton, Vincent J., B. A., (Dal.), Bridgewater.....	1891
Patterson, George G., M. A., (Dal.), New Glasgow.....	1889
Payson, John A., B. A., (Kings), Halifax.....	1893
Payson, W. L., B. A., (Kings), Halifax.....	1894
Phalen, Robert F., North Sydney.....	1897
Pines, Avaril Vernon, B. A., (Acad.), Kentville.....	1896
Puddington, H. F., St. John.....	1893
Roberts, J. A., Bridgewater.....	1890
Robinson, H. McN., Harrington.....	1886
Robertson, S. G., B. A., (Queen's), New Glasgow.....	1894
Robertson, T. R., B. A., (Dal.), Kentville.....	1899
Rogers, H. W., Amherst.....	1887

Ross, Henry T., B. A., [Acad.], Bridgewater	1889
Ross, Hugh, Port Morien	1896
Rowlings, G. A. R., B. A., [Dal.], Halifax	1893
Ruggles, N. C., Lunenburg	1891
Russell, F. W., <i>L.L. M.</i> , Dartmouth	1893
Russell, Joseph A., Vancouver, B. C.	1887
Sanger, H. W., B. A., [Mt. All.], Windsor	1892
Scharman, George W., B. A., [Dal.], New York	1892
Scott, Frank B., B. A., [Mt. All.], Halifax	1896
Sidgewick, J. A., B. A., [Dal.], Halifax	1885
Shaw, A. E., B. A., [Acad.], Windsor	1891
Shaw, G. S., St. John	1885
Stclair, J. A. St. John	1890
Smith, Bowyer S., St. John	1892
Stairs, Harry B., B. A., [Dal.], Halifax	1893
Stevens, D. J., Halifax	1890
Ternan, G. C. B., Halifax	1896
Thompson, S. H.,	1886
Thompson, W. E., Halifax	1893
Thomson, Walter K., Halifax	1887
Tilley, L. P. D., St. John	1893
Tolin, Thomas F., Halifax	1889
Tremaine, C. F. Halifax	1893
Troop, Arthur G., B. A., [Acad.], Halifax	1886
Trueman, W. H., St. John	1892
Vernon, Gilbert H., Truro	1897
Wallace, W. B., Halifax	1885
Walsh, W. W., Halifax	1886
Wells, W. Woodbury, Point DeBate	1886
White, T. H., B. A., [Kings], Shelburne	1891
Whitford, Joseph A., Bridgewater	1889
Whitman, Alfred, B. A., [Dal.], Halifax	1885
Wickwire, H. H., B. A., [Acad.], <i>M. P. P.</i> , Digby	1891
Wood, John E., B. A., [Acad.], Halifax	1896
Woodworth, C. M., B. A., [Acad.], S. E. Minas, N. W. T.	1893

DOCTORS OF MEDICINE AND MASTERS IN SURGERY.

Bentley, Robin D., B. A., [Acad.], Halifax	1897
Bethune, J. L., Berlinck	1875
Bisset, Ernest, E. River Bourgeois, C. B.	1897
Brown, Martha W., Newport	1897
Bruce, Rev. W. T., B. A., Church Point, N. B.	1875
Byers, D. W., Reading, Mass., U. S. A.	1893
Campbell, D. A., Halifax	1874
Chisholm, Donald, St. Louis, Mo., U. S. A.	1874
Coady, Patrick S. F., Newton, Mass., U. S. A.	1893
Cogswell, W. F., Sandwich, Canada Co., Mont., U. S. A.	1894
Cox, Robinson, Stewiacke	1875

Dechman, A. A., Upper Musquodoboit	1894
DeWolfe, G. H. H., (obit.)	1872
Dorman, Oscar, Victoria Gen. Hospital, Halifax	1897
Drysdale, G. N., Fochostown, Butte Co., Cal., U. S. A.	1892
Fairbanks, H. G., Shubrooke	1886
Fraser Alex., B. A., [Dal.], West River Station, Pictou	1897
Gates, Charles R., Digby	1897
Grant, William, Channel, Nfld	1892
Grierson, Robert, B. A., [Dal.], Dr. Greenfell's Mission, Labrador	1897
Hamilton, Annie L., Halifax	1894
Hamilton, C. A., Mahone Bay	1891
Hiltz, C. W., (obit.)	1872
Irwin, Archer, Helton, Yarmouth Co.	1892
Johnson, Isaac W., <i>L. R. C. P. Ed.</i> , Bury, Lincoln, England	1891
Kent, H. V., Truro	1890
Lindsay, A. W. H., B. A., [Dal.], <i>M. B. C. M.</i> , Edin., Halifax	1875
McAulay, M. W., Thorburn, Pictou Co.	1893
McCharles, R. W., Winnipeg, Man	1892
McDonald, J. C., Anglo-Am. Tel. Co., S. S. "Miss," London	1895
MacDonald, William Henry, Tasket Wedge	1896
McEwen, Henry E., O'Leary Station, P. E. I.	1896
McGeorge, Thomas, (obit.)	1893
McKay, Katharine J., New Glasgow	1895
McMillan, Finlay, Sheet Harbour	1872
Melliss, William (obit.)	1872
Meyer, E. J., Oxford	1893
Moore, Edmund, Salisbury, N. B.	1874
Moore, E. P., B. A., [Mt. All.], Hospital for Insane, Dartmouth	1895
Morrow, A. M., B. C. M., [Edin.], of random grades, Sandwick, Isle, Cascade Co., Mont., U. S. A.	1893
Muir, W. L., <i>L. R. C. P. & S.</i> , [Edin.], Truro	1875
Munro, C. B., River John, Pictou Co.	1895
Murphy, G. N., <i>M. D.</i> , [Bellevue], Yarmouth	1895
Murray, Duncan, Mendonville, Pictou	1896
Olding, Clara Mary, St. John, N. B.	1896
Paymont, Henry A., Dartmouth	1897
Rice, F. E., Digby	1893
Robert, Cassimir, (obit.)	1875
Ross, Alexander, No. Earltown	1886
Simpson, H. O., Dartmouth	1895
Slaughenwhite, Stephen S., Comperall Bank, N. S.	1896
Sutherland, Frederick, (obit.)	1872
Turnbull, G. D., Acadia, Yarmouth Co.	1892
Williamson, Samuel W., Helton	1896
Woodworth, P. C., Kentville	1892

STUDENTS, 1896-97.

FACULTY OF ARTS.

GRADUATE STUDENTS.

Cunning, Jessie Arnot, F. A.	Westville, Pictou.
Forbes, Edgar William, F. A.	Dartmouth.
McKay, Thomas Calvin, F. A.	"

UNGRADUATES

In Arts.

FOURTH YEAR.

Archibald, Herbert Thompson	Colton, California, U. S. A.
Austen, Minna May	Halifax.
Beadie, William Stuart	"
Burchell, Charles Jost	Sydney, C. B.
Cameron, Ira	New Glasgow.
Clarke, Harold Marston	St. Stephen, N. B.
Cock, Daniel George	West River, Pictou.
Coffin, Robert Lewis	Charlottetown, P. E. I.
Cunning, Melville	Truro.
Cummings, Edward	Halifax.
Dakin, William	Truro.
Danson, Alexander Hugh	Westville.
Faulkner, Ebenezer Ross	Folly Village.
Fisher, Arthur Franklin	Lower Stewiacke.
Forbes, William	Little Harbour, Pictou Co.
Grant, Mary Sibella	Port Morien, C. B.
Hattie, Robert McConnell	Halifax.
Hetherington, Eva Florence	"
Mackay, Alexander Leonard	Balmoral Mills.
McKay, Ira	Pictou.
Maclean, Lanchlin A.	Marsh Hope, Pictou.
McLean, Stewart Clifford	New Glasgow.
McObrun, Donald	Mira, C. B.
Maxwell, George Herbert	Halifax.
Maxwell, Ruth Ellen	"
Miller, James Ross	Yarmouth.
Morton, James Roland	Milton, Queen's Co.
Murray, John Tucker	Truro.
Nicholson, John William Angus	Olson, Richmond, C. B.
Reid, David McKinnon	Middle Musquodoboit.
Ross, Arthur	"
Shaw, Percy James	Waterville.

Shinner, Harry Robert	Halifax.
Thompson, Margaret	Antigonish.
Waddell, William Henry	Halifax.
Wilkin, Florence	"

THIRD YEAR.

Blanchard, Aubrey Blanchard	Truro.
Buchanan, Murdoch	St. Ann's, Victoria Co.
Campbell, Duncan McDonald	Salmon River, Col. Co.
Carmichael, George William	Halifax.
Calquhoun, John George	Little Harbour, Pictou Co.
Carston, James Robert	Halifax.
Crowe, Henry Stanley	Central Onslow.
DeWolfe, Maggie Woodhill	Halifax.
Deall, John	New Glasgow.
Grant, Clarence Fraser	Port Morien, C. B.
Kennedy, Elizabeth Evota	Halifax.
Lewis, Jessie Blanche	Truro.
Logan, Jessie Margaret	Truro.
Macdonald, Daniel John	Point Prim, P. E. I.
Mackintosh, Finlay H.	Sunnybrae, Pictou Co.
MacRae, Donald Alexander	Casco Cove, P. E. I.
McKay, Katie Wetmore	Dartmouth.
McKenzie, John Bradshaw	Campbellton, N. B.
Munro, Henry Fraser	Pictou.
Murray, Norman Grant	Halifax.
O'Brien, Milton Addison	Noel, Hants Co.
Hankins, James Miller	Halifax.
Reed, Hilbert Robert	Atlas, Cumberland Co.
Sedgewick, William Harvey	Middle Musquodoboit.
Watt, Arthur William	Pictou.
Wood, George	Halifax.

SECOND YEAR.

Anderson, Charles Wilmoughby	Halifax.
Anderson, James Henry Addison	St. Peter's Bay.
Baird, John William Adams	River Hebert.
Barnes, James	Halifax.
Black, Walter Allan	"
Borden, Louis Elijah	Sheffield Mills, Kings Co.
Burris, Grace Dean	Upper Musquodoboit.
Campbell, Jessie Brown	Halifax.
Chase, Margaret Hawthorne	Onslow.
Cunning, Allison	Truro.
Fayapharnon, William Olan	Halifax.
Fisher, John Andrew	Pictou.
Forbes, George Ernest	Little Harbour.
Glaver, Benjamin	Georgetown.

Johnstone, Montagu Stuart Malcolm	Montagu, P. E. I.
Keith, Donald	Halifax.
Kent, Hebert Howard	Truro.
Lindsay, Charles Fowler	Halifax.
MacKay, Annie	Pictou.
MacKenzie, Luther Burns	Belford.
MacKenzie, Jessie	"
McIntosh, Peter Duncan	St. George's Channel.
McKenzie, George William	"
Messenger, Ralph James	Bridgetown.
Moody, Georgina Mand	Halifax.
Murray, A. H. Stewart	"
Outbit, William Edward	Melverna Square, Annap.
Ramsay, James Archibald	Hamilton, P. E. I.
Rice, Grace Elizabeth Bernard	Weymouth.
Richardson, Leona	Truro.
Ross, George Murray	Blue Mountains.
Routledge, Arthur Weston	Sydney.
Thompson, Charles Alexander	Derham, Pictou Co.

FIRST YEAR.

Bentley, John Skipwith	Truro.
Blanchard, Melville Wadhell	"
Chisholm, Maud	Dartmouth.
Cunningham, Allan Rupert	"
Duncan, William Edward	Halifax.
Douglas, Edgar	"
Fleming, Nancy O'Brien	"
Flemming, Ethel Augusta	"
Henderson, George	"
Lynch, George Joseph	"
Macdonald, William Lorne	"
MacKay, Alexander Murray	"
MacKay, Nees Katrine	Dartmouth.
MacKenzie, David Wallace	Flat River, P. E. I.
MacLeod, Edward Anand	Halifax.
McKinnon, Duncan Hugh	Sydney River, C. B.
Mair, Catherine Frith	Campbellton.
Main, Charles Ogg	Kingston, Kent Co., N. B.
Ramsay, Ernest Hebert	Hamilton, P. E. I.
Rankins, John	Halifax.
Ritchie, Joseph Norman	"
Ritchie, John William Pringle	"
Road, Edith McGregre	"
Ross, John Samuel	Ericks, Pictou Co.
Simpson, Ruth	Halifax.
Smith, Alonzo Alexander	New Glasgow.
Smith, Charles Frederick	N. West Arm.

Wajlon, Joseph William	Halifax.
Wood, John	"
Wood, Thomas Chalmers	"
Worsley, Pearyman John	"

In Letters.

SECOND YEAR.

Crockett, Albert Edwin	Hopewell.
Hoboecker, Abna Helena	Halifax.
Lawlor, Gertrude Louise	Dartmouth.

GENERAL STUDENTS.

Archibald Eugene	Truro.
Barnstead, Mabel Ashmore	Halifax.
Barrows, Leopold Reid	Hamilton, Bermuda.
Butler, Geo. Kellam, s. A.	Kelly's Cove Yarmouth Co.
Crosby, Lander Marshall	Heleon, Yarmouth Co.
Cunningham, William Andrew	Tatamagouche Bay.
Currie, Edith Gertrude	Halifax.
Dickey, Edwin Egbert	Upper Canard.
Falconer, Jean Douglas	Halifax.
Ferguson, John Archibald	Port Maria, C. B.
Fisher, Frank	Bay of Islands.
Fisher, Mary F.	Halifax.
Fultz, George William	Lower Stewiacke.
Gordon Katherine Louise	Halifax.
Harrington, Agnes H.	"
Harrington, Maud H.	"
Hebb, Arthur Morrison	Bridgewater.
Hebb, Thomas Carlyle	Bridgewater.
Huestis Lizzie Starr	Halifax.
Irring Thomas, s. A.	Mill Beach, Kent Co. N. B.
Keele, Marguerot	Halifax.
Liechi, Minna	"
Macaskill, John James	Little Narrow, C. B.
McDonald, Ewen	Murray H. Road, P. E. I.
McDonald, Albert Lorne	Moncton, N. B.
McKay, Mary Alexandra, s. A.	Dartmouth.
MacKean, James Alexander	West LaHave, Lunenburg.
MacInnes, Peter	South Ingonish.
MacKenzie, George Norris	Paraboo, Cumberland Co.
MacLeod, Albert Morrison	Lorne, Pictou Co.
MacLeod, John Charles	Port Calchois.
McDonald, William	Springville.
McDonald, Archibald J.	St. Peter's, C. B.
McEwen William Henry	St. Peter's Bay, P. E. I.
McIntosh, Charles Campbell	Malagawatch.

McKinnon, William Thomas Morris	Amherst.
McQueen, Norman	Port Morien, C. B.
Mont, John William	Halifax.
Morrison, John William Geddie	Catalone, C. B.
Morrison, Agnes Lillian	Dartmouth.
Morrison, Hugh Thomas	Dartmouth.
Morrison Helen	"
Morrison, William Angus	Middle River.
Muir, Ethel, M. L., Ph. D.	Halifax.
Noble, John Duncan	Miramichi.
Murray, Robert Pallok	Hillshore, C. B.
Murray, Robert	West River, Pictou Co.
O'Brien, Clarence Wilbert	Noel, Hants Co.
O'Brien, Osmond Franklin	"
Murphy, J. W.	"
Ritchie, Mary Christine	Halifax.
Ross, David Charles	Marlboro, Conn. U. S. A.
Ross, William Alexander	Lorne.
Sewley, Mary Homer	Halifax.
Slyter, Charles Keller	"
Stairs, Geraldine	"
Stevens, Maria L. J.	"
Sutherland Edith Francis	Baddeck, C. B.
Tucker, Holford Adams	Parsons, Cumberland Co.
Usacko, J. B.	Halifax.
Woodill, Lena L.	"
Zwicker, Francis Gordon	"

FACULTY OF PURE AND APPLIED SCIENCE.

UNDERGRADUATES.

FOURTH YEAR.

Archibald, Ebenezer Henry	Harrovy, Colchester Co.
Blair, Alexander David	Loch Bross, Pictou.
Macdonald, William Angus	Halifax.

THIRD YEAR.

Cook, Alexander David	Halifax.
Hirling John, B. A.	Clifton, P. E. I.

SECOND YEAR.

Burgoyne, Stanley John	Halifax.
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FIRST YEAR.

Anderson, Bernard Charles	Lezangurg.
Fleming, James Maxwell	Halifax.

GENERAL STUDENTS.

Brown, Charles W., B. A.	Halifax.
Campbell, Robert	"
Clasney, Beatrice Maud	"
Cordner, Charles Alton	Boularferie, C. B.
Fay, John Gettings Barbeck	Halifax.
Flowers, Edith Mary	"
Forrest, George Munro	"
Hill, Amy, B. C.	"
Howell, Laura	"
Lee, Brenton Harry	Berwick, Kings Co.
Marshall, Lillian E., B. C.	Halifax.
Morrison, William Peter	Dartmouth.
McKenzie, Allan	Malagash Point.
Nisson, Julius Marcellus	Halifax.
Rockett, Maggie	"
Stewart, Elizabeth Helen	"
Theskaton, Frances	"

FACULTY OF LAW.

UNDERGRADUATES.

THIRD YEAR.

Aitken, Trevor Donaldson, (B. A., Dal.)	New Castle, N. B.
Ferguson, William McMillan	Easttown.
Gunn, Alexander Donald	St. Mary's
Knight, James Arminius	Halifax.
MacKay, John William	Pictou.
MacKenzie, Alexander George	Amherst.
MacKinnon, John Lanchlin, (B. A., St. Fr. Xav.)	Antigonish.
McPhie, Stuart	West Bay, C. B.
Morrison, Fred Augustus	Milltown, N. B.
Morrison, John Scorpis Metzler	St. Peter's C. B.
Moseley, Edgar William	Sydney, C. B.
O'Donoghue, Richard, (B. A., St. Fr. Xav.)	Antigonish.
Pialon, Robert Frances	North Sydney, C. B.
Vernon, Gilbert Hugh	Truro.

SECOND YEAR.

Bent, William Malcolm, B. A., (Mt. All.)	Paradise.
Boyd, John Albert B. A., (St. Fr. Xav.)	Antigonish.
Cummings, Alfred Graham, B. A., (Dal.)	Onslow.
Finn, Robert Emmett	Dartmouth.
Footé, Samuel, A. B., (Mt. All.)	Grand Bank, N. F. L.
Johnstone, James Robinson, B. A., (Dal.)	Halifax.
Leahy, William James	Halifax.
MacBelen, Francis Alexander	Sydney.

MacLatchy, Harry Otis	Grand Pré.
MacLeod, John Robert	Springhill.
Mahon, Harry Edmund, B. A., (Dal.)	Halifax.
Mills, Nehemiah Marks	St. Stephen's N. B.
Nichols Edward Hart, A. B., (Acadia)	Digby.
Nicho's, George Everard Edgell	Halifax.
Oakes, Ingram, B. A., (Dal.)	New Albany.
O'Connor, William Francis	Halifax.
Parsons, William Rufus, A. B., (Acadia)	"
Parsons, George Harold, A. B., (Acadia)	"
Purdy, Harry Alden, A. B., (Acadia)	Amherst.
Purney, Willard Parker	Shelburne.
Putnam, Harold, B. A., (Dal.)	Lower Omslow.
Robertson, Henry Whitfield	Wickham, N. B.
Slater, James Morrow	Halifax.
Tufts, Clifford Ashton, A. B., (Acadia)	Kingston.

FIRST YEAR.

Anderson, Charles Clayton	Sackville, N. B.
Ayre, George William Bailey	St. John's, N. F. L.
Cameron, John Alex. Hugh, B. A., (St. Fr. Xavier)	Mahoe.
Church, Harold Ambrose	Bedford.
Fawcett, John Lewis	Sackville, N. B.
Gray, William Smith, B. A., (Dal.)	Halifax.
Harris, George Ludlow, B. A., (Univ. N. B.)	Moncton, N. B.
MacDonald, Finlay	Hawkesbury.
MacIntyre, Archie A., B. A., (St. Fr. Xavier)	Antigonish.
MacKay, Harry Sisson	Westville.
MacKay, John James	Pictou.
McMillan, Neive Anthony, B. A., (St. Fr. Xavier)	Antigonish.
Murphy, Thomas William	Halifax.
Newcombe, Louis Forester	Shedfield Mills.
O'Mullin, John Coll	Halifax.
Schirman, Richard Upham	Truro.

GENERAL STUDENTS.

Borchell, Charles Jost, B. A., (Dal.)	Sydney, C. B.
Dunn, James Hamet	Bathurst, N. B.
Hattie, Robert McConnell	Halifax.
Jamieson, Charles Frederic	Lockport.
Leah, Albert Everett	Port Elgin, N. B.
MacRae, Donald Alex	Canoe Cove, P. E. L.
Madson, John William	Westville.
Matheson, Joseph Duncan	Marble Mountain.
Secley, Charles Herbert	Halifax.
Sergeant, Joseph Heinrich	Barrington.
Shaw, Percy James	Waterville.
Trusker, Adams Holford	'Parsons'.
Wardell, William Henry, B. A., (Dal.)	Halifax.

FACULTY OF MEDICINE.

UNDERGRADUATES.

FOURTH YEAR.

Bentley, Robie Dugwell, B. A. (Acad.)	Halifax.
Bisset, Ernest Eugene	River Boargois, C. B.
Brows, Martha Wyman	Newport.
Dorman, Oscar Chipman	Hantsport.
Fraser, Alexander, B. A. (Dal.)	West River Station, Pictou.
Gates, Charles Randall	Digby.
Grierson, Robert, B. A. (Dal.)	Halifax.
Payzant, Henry Allison	Dartmouth.
Ross Alexander	North Easttown.
Statenwhite Stephen Sinclair	Comersall Bank.

THIRD YEAR.

Archibald, Matthew George	Middle Musquodoboit.
Beehm, Robert Almon	St. John's, Newfoundland.
Buckley, Avery Fillis	Halifax.
Dickey, Hugh Leverette	Upper Canard, Kings.
Forrest, William Duff	Halifax.
Gaudier, George Gaw	Newburg's, Ontario.
McDonald, Daniel	Litch's Creek, C. B.
McDonald, Edward Murray	Sydney Mines, C. B.
MacKenzie, Murdoch Daniel	Grand River, C. B.
Moeton, Angus McDonald	Woodville, Kings.
Thompson, Alfred	Nine Mile River, Hants.

SECOND YEAR.

Almon, William Bruce	Halifax.
Armstrong, Tremaine Emet	Middleton, Annapolis.
Atkinson, Edward Payson	Baie Verte, N. B.
Currie, William Douglas	Halifax.
Farrell Edward Dominick	Halifax.
Farrell, Louis Patrick	Halifax.
Goodwin, Wendell Vankleek	Baie Verte, N. B.
MacKay, John Sinclair	Easttown.
McLean, Murdoch Thomas	Grove's Point, C. B.
McMillan, Charles Edward, B. A. (Dal.)	Whycoomagh.
Munroe, James Gilbert	River John, Pictou.
Randall, Mary Lella	Bayfield, Antigonish.
Ross, John Frederic Simco	Halifax.
Trensmen, Louis Gervais	Halifax.

FIRST YEAR.

Archibald, Clarence George	Truro.
Braine, Laurence Bernard Welfrid	Halifax.
Braine, Winifred Brenda	Halifax.

Cameron, Simon Hugh Hobson	Halifax.
Coch, Alexander David	Halifax.
Cooke, Allen Percy Archibald	Halifax.
Cardiner, Charles Adams	Green's Point.
Dymond, William Adams	Halifax.
Eagar, William Henry	Dartmouth.
Ernst, Victoria Sarah	Brigewater, Lunenburg.
Ferguson, John Archibald	Port Morien, C. B.
Forbes, Albert Ernest	Sydney, C. B.
Giovanetti, Louis John	Port Morien.
Gillis Ewen Younan	Baddeck Forks, C. B.
McKenzie, John Bradshaw	Halifax.
McNeil, Alexander John	Malton, C. B.
Mathers, Robert Ernst	Halifax.
Millar, James Ross	Yarmouth.
O'Brien, Milton Addison	Halifax.
Pennington, John Wesley	Sandy Point, Shelburne.
Pratt, Nelson	Malton.
Reynolds, James	Upper Magnagoisbit.
Salter, Oswald Ray	Newport, Hants.
Taylor, Frank Woodland	Port la Tour, Shelburne.

GENERAL STUDENTS.

Manson, William Henry	N. E. Lochaber, C. B.
Pearson, Hugh W.	Halifax.
Reynolds, Aubrey Rankine	Halifax.

APPENDIX.

FACULTIES OF ARTS AND SCIENCE.

JUNIOR MATRICULATION

EXAMINATION PAPERS, 1896-7.

LATIN.

Examiner..... HOWARD MURRAY, B. A.

CÆSAR: GALIÆ WAR, *Bks. I and VI.* VIRGIL: ÆNEID, *Bk. I.*

TIME: THREE HOURS.

N. B.—Candidates for *Ordinary Matriculation* will take *Parts I and II.* Candidates for *Distinction and Scholarships* will take the *whole paper.*

I.

Translate—

(a) Ad hæc Arriovestus respondit: Juxta esse belli, ut qui viciniam, sic, quos viciniam, quemadmodum vellent. Superarent: item populum Romanum vicinis non ad alterius scripturam, sed ad suam arbitrium imperare concessisse. Si ipse populo Romano non proscribere, quemadmodum suo jure uteretur, non oportere esse a populo Romano in suo jure impediri. Hædros sila, quosdam belli fortunam tentarent et arma congressi se superari essent, stipendiarum esse factos. Magnus Cæsarem injuriam facere, qui suo adventu vectigalia sila detiora foret.

(b) Hic portus all' effluunt: hic alta thestris
Fundamenta leant all', imm' æneæ columas
Ropibus excidunt, scenis decora sila fœtura:
Qualis apes notate nova per fœrea rura
Exerct sub sole labor, quæm gentis adultos
Educunt letas, aut quam liquentis mella
Stipant, et dulci distillant nectare cellas;
Aut cœtera accipiant venticentum, aut agnoscit factio
Ignarus fœces pecas a proscipibus areant:
Fœvet opus, redolentibus thymo fragrantia mella.

1. Is (a) account for *esse de jure vitia sua*; and for mood of *respondit, fecere, fuerat*.

2. Scan the first four lines of extract (b).

3. Write brief notes on *Cyrenia arvens*, *Scyllium rubicm spectre injuria Carana*, *Aleobus Priemonaque et merona anobibus Adalices*. Complete the following lines and tell by whom and under what circumstances they were used:

Arma virtutum—

Ferunt de lae—

Tros Tyrinque nati—

4. Draw an outline map of Gallia, showing the general divisions together with the subdivisions of which Caesar makes mention in the first chapter of his work. Mark the rivers and mountains mentioned there, and give their modern names. How does Caesar's "Gallia cisalpinis" differ in extent from the France of to-day?

II.

1. Define and give an example of *antepositi*, *dependent verb*, *superpositional verb*, *causitive*. Write the following words marking the accent of each:—*delectatus, manserit, cuperet, manseret, audieris*.

2. Use sing. of *aves*, *flies*, *deus*; accus. sing. of *aves*, *nothos*, *aves*; gen. plur. of *aves*, *vix*, *vixit*; abl. plur. of *des*, *in*, *loc*.

3. Compare *aver*, *aves*, *audelibus*, *nothos*, *primois*, *similis*. Form an adverb according to the formation of adverbs from adjectives. Form an adverb according to each rule and compare the adverbs thus formed.

4. Give the perfect indicative (lat. sing.) and the future participle (nom. sing. masc.) of the verbs to which the following parts belong:—*amissus*, *clatus*, *redolupt*, *reparis*, *repello*, *resudo*, *vincis*, *vincis*.

5. What participle is wanting in the active voice of most verbs in Latin? Explain and illustrate how its want is supplied. Turn into the passive construction: *nos currimus*; *patris liberum filio dicit*; *sic iure de astra*; *regis me ventulosus*; *aves cupit ornari*.

6. Turn into Latin:—

- Do not try to persuade me not to go.
- Do you not know who told me of your crime?
- He would have come to see the king if he had sent for him.
- He was afraid his sister would say she had seen him there.
- They thought she would be here and so they promised to come.

III.

Translate:—

III. cum est satis, illosque aliquando bellum incidit (quod ante Caesaris adventum fore quatenus nocere solebat, uti aut ipsi injurias inferrent, aut instans propulsarent), omnes in bello versatos; atque orum ut quique est genere copiosaque amplissima, ita plurimos circum se ambactos clientisque habent. Hanc unam gratiam potentiamque noverunt.

Natio est omnis Gallorum admodum debilis religionibus; atque ob eam causam, qui sunt adfecti graviteribus moribus; quique in preliis periculisque versantur, aut pro victoris bonis immolant, aut se immolatos vocant, administrisque ad ea sacrificia Iudicibus utuntur.

IV.

Translate this passage from a book not prescribed:—

Sed invidiosae genera duo sunt: unum eorum, qui inferunt, alteram eorum qui ab his quibus inferunt, ei possunt, non probantur invidiosum. Nam qui invidiosus impetum in queregiam facit aut se aut aliquis perturbatio incitatus, in quae manus adferre videtur socio: qui autem non defendit nec obsidet, si potest, invidiosus, tam est in vitio quam si parentes aut amicos aut patriam deserat. Atque illae quidem invidiosae, quae nocendi causa de industria inferuntur, saepe a metis proficiuntur, quoniam is, qui nocere aliter cogitat, nihil se, nisi id fecerit, ipse aliquo adficiatorem invidiosum. Maxime autem patens ad invidiosum facendum adprobatum, ut videlicet invidiosus, qui contemnitur: in quo vitio latissime patet avaritia.

GREEK.

Estimate HOWARD MURRAY, B. A.

XENOPHON: ANABASIS, BOOKS III AND IV.

TIME: THREE HOURS.

N. B.—Candidates for Ordinary Matriculation will take Parts I and II. Candidates for Distinction and Scholarships will take the whole paper.

I.

Translate:

Ἐκ τούτων Σαρδίων ἀπέστειτον, ἰσχυρότατος ἐπὶ πόλεως ἐξ ἰδίων ἀλλήλων, καὶ τῶν αὐτῶν δούλων αἰ θύσ, οἱ ἀλλήλων ἀδελφοὶ τῶ καὶν ἡδέως, οἱ τὸν αὐτῶν δῖα, ἡδὲ ἐχρη οἱ ἀλλήλων ἰσχυρὸν ἀπέστειτον ἐκ τούτων τῆς πόλεως τερχίονα τὸν λόγον δὲ ἔχρη ἴδω: "Τῶν μὲν οὖν βασιλέων ἰσχυροὶ τε καὶ ἰσχυρῶν λόγον μὲν Κλέωνα, ἰσχυροὶ δὲ καὶ ἰσχυρῶν. Ἢ μὲν οὖν ἀδελφοὶ τῶν αὐτῶν ἀπὸ πόλεως ἴδω, ἀπὸ τῶν αὐτῶν ἀδελφοὶ ἔχρη, ἰσχυροὶ καὶ τῶν στρατηγῶν, αἱ δὲ πόλεως αὐτῶν ἰσχυροὶ, οἱ ἀπέστειτον."

- Parse ἰσχυρότατος, ἀλλήλων, πόλεως, ἡδὲ τῶν.
- (a) αἱ μὲν γὰρ ἐκ τῶν αὐτῶν πόλεως, αἱ τῶν ἐχρη αἱ δὲ πόλεως τῶν αὐτῶν.
(b) ἰσχυρῶν μὲν ἰσχυροὶ οἱ αἱ τῶν στρατηγῶν ἀπέστειτον.

Translate and account for mood of τῶν αὐτῶν ἀπὸ πόλεως ἀπέστειτον.

- τῶν αὐτῶν μὲν ἰσχυροὶ.
Translate. Write a brief explanatory note on these words, giving dates of incidents referred to.
- Give a brief account of Xenophon's life. What is the date of the events recorded in this book?

6. *Bien sûr. En restait assez.* Write the comparat. and superlat. of *bien, peu, souvent peu*. Parse and prove that *ce* may perform the parts of preposit., and of part. article by translating: My friend is in English. Have you read (he) any French books? I have not read any.

II.

B. Translate: *Le roi quitta alors sa frégate pour s'aller mettre dans la première chaloupe, à la tête de ses gardes. L'ambassadeur de France était alors auprès de lui; Monsieur l'ambassadeur, lui dit-il en latin (car il ne voulait jamais parler français), vous n'avez rien à désirer avec les Daups; vous n'irez pas plus loin, s'il vous plaît. Sire lui répondit le comte de Guiscard en français, le roi, son maître m'a ordonné de résider auprès de Votre Majesté; je me flatte que vous ne me chasserez pas aujourd'hui de votre cour, qui n'a jamais été si brillante! En disant ces paroles, il donna la main au roi, qui sauta dans la chaloupe, où le comte de Piper et l'ambassadeur entrèrent. On s'avança sous les coups de canon des vaisseaux qui favorisaient la descente.*

1. *Le roi quitta alors sa frégate.* Write this sentence in the negat. interrogat. form. Write the present indicative of *quitter*. Give the corresponding pronominal form of *se*, and show by short exs. how the English possessive is expressed in French.

2. *Sire, lui répondit le comte.* The English *her* may be rendered by *lui, elle* and *le*; illustrate by short exs. Write the plur. of *le* (conjunct. and disjunct.), and the feminine of: *comte, monsieur, seigneur, fils, homme, acteur*.

3. Illustrate the use the French make of the following signs: (') () ; (") ; (") ; and distinguish between: *partir* and *partir*; *à* and *à*; *sur* and *sur*.

4. *Vous n'irez pas plus loin.* Parse and give principal parts of *ir*. Write down the positive and superlative of *plus*. Translate: The more you study the more you learn. As good as she; not so good as he; greater than they (*meac*); most; least.

5. Parse and give principal parts of: *mettre, résoudit, jette*. Write in French the feminine of: *white, long, Greek, low, young, fine*.

6. Turn into French: The history of Charles XII is very interesting. We are in the month of September. The weather is still mild. How old is that man. He is seventy-five years old. This is a magnificent house; whose is it? It is an English lady's. Nova Scotia is my native country.

III.

C. Translate: *Le roman d'un jeune homme pauvre.* Un jour de mois de Septembre 185 . . . des courses dans lesquelles mon père avait engagé plusieurs chevaux devait avoir lieu sur un emplacement situé à quelque distance du château. Nous étions partis de grand matin, mon père et moi, et nous avions déjeuné sur le théâtre de la course. Vers le milieu de la journée, comme je galopais sur la hauteur de l'hippodrome tout à coup par un de nos domestiques, qui me cherchait, me dit-il, depuis plus d'une demi-heure, il ajouta que mon père était déjà retourné au château, où son maître l'avait fait appeler, et qu'il me priait de le suivre sans retard. Mais qu'y a-t-il, au nom du ciel! Je crois que madame est plus mal, me répondit cet homme. Et je partis comme un fou. En arrivant, je vis ma sœur qui jouait sur la pelouse, au milieu de la grande cour silencieuse et déserte.

1. *Un jour du mois de Septembre.* Put "un jour" in the plural, and mention the names of the months of the year. How do you express the time of day, take for examples: It is twelve o'clock (noon). Half-past one. A quarter to three. Midnight.

2. *Nous étions partis de grand matin.* Interrogation may be effected in two ways, if the subject be a personal pronoun; give the two interrogative forms of this sentence. Account for the agreement of the past part. *partis*, and show by an example in what case or cases the partic. past remains uninflected. Can you express "de grand matin" by another term?

3. *Mai qu'y a-t-il?* The term *il y a* admits of various interpretations; how do you translate: Combien y a-t-il ici à Londres? Il y a des gens qui ne savent lire. Il y a longtemps que je ne vous ai vu. Je lui ai écrit il y a trois semaines. Account for the "il" in *a-t-il*.

4. *En arrivant.* Parse these words and write down the past defin. of *arriver*. What form does the English present part., accompanied by a preposition, usually assume; translate for example: *After having finished my letter, I shall go home.*

5. The English "it is" is expressed in different ways in French; translate for examples: It is very warm. It is too early. It is not far from here. Yes, it is true. It is raining. Mention a few leading points, with examples, in which the French construction differs from the English.

MATHEMATICS.

Examiner.....C. MACDONALD, M. A.

GEOMETRY.

TIME: THREE HOURS.

1. ABC is a triangle, angles B and C equal: AD is drawn cutting the base in D. Then since AB = AC, AD common, and angle B = angle C, "the triangle ABD and ACD are equal in every respect." Criticise this proof.

2. Give that form of Euclid's axiom about parallel straight lines which you employ in proving the relations of the angles made with them by an incident line.

3. Prove any one of such relations.

4. Prove that if BC (fig.) be $\frac{B}{D} = \frac{D}{C} = \frac{C}{F}$ bisected in D and produced to any point F. BF, FC = DC² = DF². (Do this either by Euclid's diagram or by the division of the line.)

5. Chords of a circle equidistant from its centre are equal.

6. On a given straight line construct a segment of a circle containing an angle = a given angle, not a right angle. (One fig.)

Any three of the following, which are in the order of value:

7. A triangle and a quadrilateral that has no re-entering angles stand on the same base, and the quadrilateral is wholly within the triangle. Prove that the triangle has the greater perimeter.

8. The lines joining the middle points of the sides of a triangle enclose a triangle that is $\frac{1}{4}$ th of the whole triangle and equiangular to it.

9. Thru' any point, P, any number of lines are drawn, and from another fixed point, Q, perpendiculars are drawn to these lines: find the locus of their extremities.

10. Assuming that the perpendiculars of a triangle pass through a common point: take the triangle ABC, and draw the perpendiculars AD, BE, CF, passing through Q. Prove $AQ \cdot QD = BQ \cdot QE = CQ \cdot QF$.

ARITHMETIC AND ALGEBRA.

1. The estate of A, a bankrupt, was valued at \$3896.50, but realized only 80 per cent. of that sum. The legal expenses, etc., of winding it up amounted to 407.20 dollars, and A's creditors received equitable proportions of this realization. Find (to cents, if necessary) the sum that a creditor would receive to whom A owed \$200.

2. Find, as a vulgar fraction in lowest terms the equivalent of $9\frac{1}{4}$, and multiply $8\frac{1}{2}$ by $\frac{3}{5}$.

3. A cistern has 3 pipes, two of which can fill it in two and 3 hours respectively, and one that can empty it in 5 hours. If, when the cistern is empty, all three are opened, in how many hours will it be filled? (By either Arithmetic or Algebra.)

4. If $x = 3$, $y = 1$; Find the value of $\frac{\sqrt{3xy} - \sqrt{3x^2 - 2y^2} + \sqrt{6x^2 - 5y^2}}{xy - \{6x^2 + y^2\} - x^2 + y^2}$

5. Resolve into factors, the simplest you can, $x^6 - 64y^6$.

6. Prove that $\frac{3\sqrt{2}}{\sqrt{3} + \sqrt{6}} + \frac{6}{\sqrt{2} - \sqrt{3}} = \frac{4}{\sqrt{6} + \sqrt{2}}$.

7. Solve the equation, $\frac{x}{2} + \frac{2}{x} = \frac{x}{3} + \frac{3}{x}$.

8. Show that the difference of the two values of x in the equation $x^2 + px + q = 0$ is $2\sqrt{p^2 - 4q}$.

9. Show that $(\sqrt{\alpha^{\frac{2x}{y}} y^{\frac{x}{y}}}, \sqrt{\alpha^{11} y^{\frac{x}{y}}})^{\frac{1}{2}} = \alpha^{\frac{1}{2}} y^{\frac{x}{4}}$.

10. If $(a + b\sqrt{-1})^2 = m + nx\sqrt{-1}$: find the values of a and b in terms of m and x .

11. If $x^2 + bx + 1$ and $x^2 + ax^2 + bx + 1$ have a common algebraic factor of the first degree, then must $(a - 1)(x - b - 1) + 1 = 0$.

ENGLISH.

Examiner ARCHIBALD MACMURCHAN, PH.D.

TIME: THREE HOURS.

1. Write a short essay, not less than three paragraphs in length, on one (and only one) of the following themes:

- The Rise of Warren Hastings.
- Hastings and Nizam.
- The Plot of the Tribunes.
- The Revenge of Coriolanus.
- The Dispersion of the Aodians.
- The Meeting of Gabriel and Evengelina.
- The Stag-Hunt.
- The Sports at Stirling. } *The Lady of the Lake.*

2. Turn into simple prose the substance of the following lines —

"And what care we for war and wrack,
How kings and heroes rise and fall;
Loose powder, in his coffin black,
There lies the greatest of them all!"

He captured many thousand guns;
He wrote "The Great" before his name;
And dying, only left his sons
The recollection of his shame.

Though more than half the world was his,
He died without a rood his own;
And borrow'd from his enemies
Six foot of ground to lie upon.

He fought a thousand glorious wars,
And more than half the world was his,
And somewhere now, in *quiescent* stars,
Can tell, *scaptop*, what greatness is."

THACKERAY, *The Chronicle of the Drums.*

3. Analyze the extract in question 2 fully. Parse the italicized words.

HISTORY AND GEOGRAPHY.

Examiner PRESIDENT FORRETT.

TIME: THREE HOURS.

(Candidates for Matriculation only may omit any two questions in each section.)

ENGLISH HISTORY.

- Give a brief account of the An, lo-Saxon system of government.
- What were the chief constitutional changes made in the reign of Edward I.?
- What was the foreign policy of Henry VII.?

4. What right had Henry VII. to the throne of England? James I.? George I.?
5. What effect had the Revolution on the English Constitution?
6. What were the terms of the union between England and Scotland?
7. What territory did England acquire or lose during the reign of the Georges? Of Victoria?

CANADIAN HISTORY.

1. Write an account of David Kirke's expeditions against the French settlements.
2. What was the result of Sir William Alexander's attempts to colonize Nova Scotia?
3. Proposed treaty of free-trade and perpetual peace between French and English colonies in 1648 failed. What was the cause?
4. Who was Paul Mascarene?
5. What were the provisions of the Quebec Act of 1774? How was it viewed in England? In the Colonies?
6. Describe the early settlement of New Brunswick. Prince Edward Island.
7. When was responsible government established in Canada? New Brunswick? Nova Scotia?

GEOGRAPHY.

1. Give as precisely as you can the latitude and longitude of the following places: Ottawa, Charlottetown, St. John, Halifax, New York, London, Rome, Calcutta, Melbourne.
2. If you go around the world on the same parallel of latitude as Philadelphia what countries and bodies of water would you cross?
3. What are the chief products of Cuba? Persia? Alaska? Holland? Persia?
4. What is the population of Brazil? Australia? Egypt? Spain? Switzerland?
5. In what direction is New York from Chicago? Hamilton from Toronto? St. John from Yarmouth, N. S.? Bermuda from Cuba? Berlin from Paris?
6. Bound Belgium, Bulgaria, India, Georgia, Ontario, Cape Breton.
7. Locate Delhi, Canton, Auckland, Manich, Pisa, Lyons, Tiflis, Cincinnati, Summerside, Fridgewater, Woodstock, N. B.

TIME TABLE FACULTY OF LAW

Hours	Monday	Tuesday	Wednesday	Thursday	Friday
9 to 10	Shipping	Case History	Civil Law	Case History	Civil Law
10 to 11	Conflict of Laws	Criminal	Criminal		International Law
11 to 12		Conflict of Laws	Sales	Bankruptcy	Bankruptcy
12 to 1			Contracts	Bankruptcy	Contracts
4:30 to 5:30	Real Property	Corporations	Procedure	Bankruptcy	Torts
8 to 9					