

CALENDAR
OF
DALHOUSIE COLLEGE
AND
UNIVERSITY.

HALIFAX, NOVA SCOTIA.

1898-99.



HALIFAX:
PRINTED FOR THE UNIVERSITY BY THE NOVA SCOTIA PRINTING CO.
1898.

1868-69.

TIME TABLE—FACULTIES OF ARTS AND SCIENCE.

First Year.	Second Year.	Third Year.	Fourth Year.
1	1	1	1
2	2	2	2
3	3	3	3
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95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

S. B. The day and hours of meeting of courses not mentioned in this Time Table will be arranged in the regularity of the calendar.

Dalhousie College,

HALIFAX, N. S.

The following pages represent an attempt to present, in a concise form, some of the needs of Dalhousie, together with some few facts that may be of interest to her friends:

(Extracts from a letter from Dr. MacGregor.)

- 1. In Physics we want—
 - (1) More illustrative apparatus for lectures. \$500 would get us one or two things. \$200 would be a great boon. \$1000, though a miserable pittance elsewhere, would be a luxury for us.
 - (2) We want a few sets of simple apparatus for beginners in the laboratory to make it possible to send them into the Laboratory—say \$500 or \$600.
 - (3) Most of all, we want some good measuring apparatus. With the one or two things we have, and under the stimulus of the 1867 Exhibition Scholarship, some of our men have been doing fine work. But we ought to be able to work not all on one line, but on a number of lines, and that means considerable expenditure. Of course, \$200 would get us two or three small things, \$500 would give us two or three big things, and \$1000 would give us quite a small store.
 - (4) There ought also to be a fund for an assistant, say \$500 a year—I don't think we could get a efficient man for much less. To get the full benefit from any considerable expenditure on apparatus, it would be necessary to have an assistant.
 - (5) When a large number of books are needed for the men engaged in research. Besides, a considerable expenditure has to be made on notes which contain, for the most part, the information that the investigator requires. To render the necessary preparation would require \$5000 or \$7000, but even \$2000 would be a great help.

(5) To perpetrate the benefits which would arise from an expenditure of the amounts stated above, it would be necessary to have an endowment fund which would, in each case, bring in say 20 per cent. of the amount expended at once. Unless you have that you at once begin to fall behind.

SCIENCE DEPARTMENT.

The most crying want of the Scientific Department is a chair of Natural Science. Two chairs would be still better, one in Biology and another in Geology, but one chair for both would be far as an immediate aim. Note that we have a Professor abandoning in minerals with a furnace and flora not yet worked up and still have not, if I remember aright, a single man in the Province giving his whole attention to even this group of subjects. In Dalhousie we are dependent upon volunteer lecturers who give each a single short course. Our man should have a chance of getting a start in these subjects at any rate. Probably we could get a capable young man to teach these subjects for \$300 a year. It would take say \$500 to give him a small outfit of microscopes and other appliances.

APPLIED SCIENCE.

In Applied Science we need, I think, another general man able to teach well the elements of engineering science in all its branches. Such men are to be had. He would teach drawing, surveying, civil and other parts of engineering. It would be a heavily weighted chair, but we must aim at possibilities. He too would require an outfit, perhaps about \$400 or \$500. For more could be expended of course in the line of practical work.

Note from Prof. E. MacKay, Ph. D., re Chemical Department.

The deficit at present was, mainly felt in the equipment of the Chemical Department by lack of apparatus and lack of reference books. To enable us to carry out efficiently the laboratory courses at present being given, with the number of students now taking them, would require an expenditure of about \$1500 on additional apparatus. To supply the library with the modern text-books and books of reference which it should contain in addition to those at present in it, in order to meet the needs of undergraduate students in Chemistry, would involve an expenditure of about \$1500. In all, therefore, about \$3,000 would enable us to bring our present equipment up to a satisfactory standard so far as regards the carrying out of our ordinary college work.

(Letter from Dr. MacMechan.)

LIBRARY.

Perhaps the very greatest need of the College at the present time is an adequate library. The disadvantages of the present condition are many. As there is no fund to support it, the library grows irregularly and slowly, by chance gifts. Students and professors are thereby continually hampered in their work, while such a thing as keeping abreast of modern research, or making independent investigations with the material at hand, is out of the question. The present collection consists of 8000 volumes, while at least five times that number is needed. The judicious expenditure of \$5000 per annum for eight or ten years would give Dalhousie a working, modern library, such as is found in American colleges of the same size.

But even if such a collection were undertaken, the College could not house it, were it, at the outset, to occupy all the available space it occupied. If the library is to grow, a separate library building is necessary at once. It should be a modern, permanent fire-proof structure, similar in type to the Peter Redpath Library of McGill University.

Again, a separate building to house a collection of 40,000 volumes implies a trained and paid librarian, who can devote his entire time to the care of it, and one or more assistants. Otherwise the collection will be inaccessible and practically useless.

It is my opinion, based on an extended study of the question, that a suitable library of the nature indicated could be built, equipped and catalogued for the sum of one hundred and fifty thousand dollars.

(Signed) ARCHIBALD MACMECHAN.

In response to your most welcome enquiry as to the most pressing need of the Dalhousie Law School, I have to say, we now need, most of all, money to buy books for the Law School Library.

I am, Sir, faithfully yours,

R. G. WELDON.

The above represents a modest request from the Dean of our Law Faculty, Dr. Weldon. It is well-known, however, that another paid lecturer would be a great advantage to the Law School.

In compliance with your request made on behalf of the General Students' Committee, I have much pleasure in enclosing a memo. of what appear to be the most urgent needs of the Medical Faculty of Dalhousie, constituted as it is at present. Wishing you every success in your efforts to supplement the work of the Government in endeavouring to improve the general equipment of the University and increase the facilities for teaching in the various departments,

Yours truly,

A. W. H. LINDSAY.

MEMORANDUM.

Microscopes and accessories.
Anatomical preparations and models and plates. Skeleton and Osteological specimens.

Two specimens of medical and poisonous plants.

Microscopic slides of Botanical preparations.

Microscopic slides illustrating normal histology.

" " " " pathological conditions.

GROWTH OF ATTENDANCE SINCE 1890.

1891-1891.....	752	1891-1895.....	202
1891-1892.....	283	1895-1896.....	313
1892-1893.....	720	1896-1897.....	344
1893-1894.....	274	1897-1898.....	360

CHANGES IN THE CALENDAR.

- 8 IV. 1, 2, 3, 24 27, Degrees in Arts.
8 VII. 99, 37 44, Order of Subjects and Electives in B. A. and B. L. courses.
2 S. 1, 2-4, P. 55, Supplementary Examinations.
4 XV. p. 42, University Medals.
6 XV. 2, 4, 5, 102, 96, 87, Degree of Bachelor of Music.
8 XIV. 2, 92, 13, B. Course, Third Year.
6 XVII. p. 16, Non-payment of fees.
5 3 (18), 124, 125, 102-113, M. D., 4, M. Examinations.

ERRATA AND ADDENDA.

- Page 21, line 27, for *174* read *203*.
" " " 28, for *203* read *9-10*.
" 22, " 4, for *9* read *7-8*.
" 21, lines 35 and 36, for *Essays and Greek Philosophy*; also add to each the *Greek Philosophy*.
" 23, line 17, for *2* read *3*.
" " " 31, for *2* read *7*.
" 63, Add to Faculty of Science the names of C. H. Parker, Jr., Esq.; J. P. H. Torrington, Esq.; Rev. H. Laing, M.A.
" 84, line 37, for the following read *one of the following groups*.
" 102, " 14, for *course* read *read and course*.
" 128, " 7, for *2* read *6*.
" 117, Add: THE GYMNASIUM. Instruction is furnished by a complete gymnasium. All male students, occupying the registration fee, are entitled to the use of the Gymnasium.
" 105, line 43, for *174* read *203*.
" 145, for *Jrd MacRae, D. A., read Jrd MacRae, D. A.*

Attention is called to the request of the Lecturer in Zoology. See page 117, last paragraph.

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UNIVERSITY ALMANAC, 1898-99.

1898.

- Aug 25. Tu. Last day for receiving letters of disqualification Examination Faculty of Law.
- 26. Th. Last day for receiving applications for MATRICULATION Examination (Specialist Medical Board).
- 28. M. Last day for receiving notices of Disqualification Examination (Medical Faculty).
- 29. Tu.—Business before the Faculty.
 - 1. A. M. Registration and payment of dues fees (Law Faculty).
 - 2. J. M. Supplementary Examination (Law Faculty).
 - 3. W. —Business before the Faculty.
- Sept. 2. M. —1st A. M. Meeting of Faculty of Arts.
- 3. M. —1st A. M. Meeting of Faculty of Disqualification Examination (Law and Science Faculties).
- 4. Tu.—Business before the Faculty.
 - 1. J. M. Registration of Candidates for Matriculation and Scholarship Examination (Law and Science Faculties).
 - 2. W. —Registration for Junior and Senior Matriculation and for Entrance Examination (Law and Science Faculties).
- 5. W. —Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
 - 3. J. M. —Business before the Faculty.
- 6. Tu.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 7. W. —Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 8. Th. —Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 9. M. —Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 10. Tu.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 11. W. —Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 12. Th.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 13. M.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 14. Tu.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 15. W.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 16. Th.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 17. M.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 18. Tu.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 19. W.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 20. Th.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 21. M.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 22. Tu.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 23. W.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 24. Th.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 25. M.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 26. Tu.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 27. W.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 28. Th.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 29. M.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 30. Tu.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.
- 31. W.—Business before the Faculty.
 - 1. J. M. —Business before the Faculty.
 - 2. W. —Business before the Faculty.

University Calendar

- Mar. 3. Th. 1:30 p. m. Meeting of Faculty of Law.
 4. Fr. Thanksgiving Day—No classes.
 5. Sa. —Merry Day—No classes.
- 1909.
3. Th.—10:30 a. m., Meeting of Faculty of Law.
 13. Th.—Last day of classes (Physical Science Division).
 14. Fr.—Discharge Examination (Third and Fourth Faculties):
 9:45 a. m., Arts.
 11:15 a. m., Preach.
 5:30 p. m., Devotion.
17. Sa.—100 a. m., course (astronomy, stellar physics).
 9:30 a. m., Junior Prizes.
18. Su.—9:30 a. m., Commencement.
 11:15 a. m., Prizes and Service Mathematics.
 2:30 p. m., First English, Moral Philosophy.
19. Th.—9:30 a. m., Medical Examinations.
 11:15 a. m., Prizes, Latin, and Fourth English.
 2:30 a. m., Church of Some Philosophy.
21. W.—9:30 a. m., Greek.
 11:15 a. m., Senior History.
 3:30 p. m., Junior and Senior Mathematics, Junior Key
 1000, Applied Mechanics.
 " "—Last day of classes (Latin, Faculty).
 22. Th.—Last day of classes (Law Faculty).

1909.

- Jan. 1. W.—Lectures resumed (Faculty of Law).
 2. Th.—Lectures resumed (Faculty of Arts, Science, and Medicine).
 3. Fr.—a. m., Meeting of Senate.
- Feb. 1. Th. 12:30 p. m., Meeting of Faculty of Law.
 18. Fr.—10:45 a. m., Meeting of Faculty of Law Faculty.
 21. Su.—Special Examination (Third and Fourth Faculties):
 9:30 a. m., Arts.
13. M.—10:00 a. m., Constitutional Theory, International Law.
 1:30 p. m., Constitutional Law.
14. Th.—10:00 a. m., Latin.
 2:30 p. m., Chinese.
1. W.—a. m. Wednesday—No classes.
 1:30 a. m., Real Property (Advanced).
 5:30 p. m., Term.
10. Th.—10:30 a. m., Ballroom.
17. Fr.—10:30 a. m., Certificate (Faculty of Law).
 1:30 p. m., Ballroom.
25. S.—10:30 a. m., Prizes.
- March, 1910.—Last day of classes (Faculty of Law, Faculty of Arts).
 21. Fr.—Good Friday—No classes.

- April 3. M.—Last day for receiving applications for February and March
 M. D. P. M. examinations.
 5. Th.—Last day of classes (Faculty of Arts, School of Medicine,
 & S.—Senior Examination (Third and Fourth Faculties):
 9:30 a. m., Senior Mathematics; Junior Philosophy.
 5:30 p. m., Devotion.
10. M.—Class exercises (Medical Faculty and Senior Medical (Old
 Law) 10:00 a. m., presentation of doctor's receipts at
 Highgate's Office, De Tower College, 11 a. m., and at
 Sweeney's Office, Hillier Street, Oxford, respectively.

University Calendar

- April 16. M.—1:45 a. m., Term.
 11:15 a. m., Prizes.
17. Tu.—10:00 p. m., Practical Physics.
 1:30 p. m., Second, Third and Fourth English.
 1:30 a. m., Additional Prizes.
 5:30 p. m., Junior Prizes.
22. W.—Meeting of Faculty of Law, 10:30 a. m., Examination (Faculty of Law).
 1:30 a. m., Junior and Sen. Practical Chemistry (written).
 1:30 a. m., Mathematics; Junior History.
 5:30 p. m., Additional Latin; Junior Anatomy; Medicine.
 Medical and Theoretical Surgery.
23. Th.—10:30 a. m., First English; Additional Third English.
 1:30 a. m., Practical Mathematics; Jurisprudence.
 2:30 p. m., Sen. Physics; Additional Latin and Sen. Philosophy.
14. F.—1:30 p. m., Junior and Senior Chemistry.
 1:30 p. m., ABIL. Greek; Medical Jurisprudence and
 Hygiene; Medicine.
15. S.—100 a. m., Greek.
 11:15 a. m., ABIL. History.
 1:30 p. m., Greek, Philosophy; Sen. Anatomy; Pathology.
 5:30 a. m., Microbiology; ABIL. Sen. English; Pract.
 Chemistry Laboratory; ABIL. Latin.
11. S.—11:15 a. m., ABIL. Junior Physics.
 5:30 a. m., Pract. Chemistry (Laboratory—for distance).
 English; Botany; Chemistry.
 1:30 p. m., Latin, Mathematics; ABIL. Greek, Philosophy.
 2:30 p. m., German; Good Friday, 2. Class, Nat. Jurisprudence and Hygiene, 100, Medicine and
 Theoretical.
 Clinical Medicine of Victoria General Hospital.
18. W.—10:00 a. m., ABIL. Prizes.
 11:15 a. m., ABIL. Political Economy.
 1:30 p. m., History and Zoology; Topography.
 Clinical Surgery at Victoria General Hospital.
24. Th.—2:30 p. m., Good Friday.
 25. Fr.—1:30 p. m., Good Friday, 2. Class, Nat. Jurisprudence and Hygiene, including Botany; Surgery; Obstetrics and Diseases of Women and Children.
- " " Meeting of Faculty of Medicine at 10:30 a. m.
 26. S.—Meeting of Faculty of Arts and Science at 10:30 a. m.
 21. M.—Meeting of Senate at 10:30 a. m.
 " " Meeting of Senate at 10:30 a. m., and at
 Sweeney's Office, Hillier Street, Oxford, respectively.
 26. Tu.—Commencement, 9:30 a. m.

N. B.—The rates of the examinations are liable to change at almost
 any time.

HISTORICAL SKETCH.

Dalhousie University was founded by the Right Honourable George Ramsay, Ninth Earl of Dalhousie, in 1828, "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 Halifax, in Nova Scotia, during its occupation in 1804 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 improvements which it might seem expedient to undertake in the Province;" and the Earl, believing that "a Seminary for the higher branches of education is every day needed in His Majesty's line of the Legislature," of the courts of Justice of the Province, and mercantile Society," decided upon "founding a College or Academy on the same plan and principle of plan as Billingsburgh," upon all compulsory and acts 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.

Also unsuccessful efforts on the part of both the British Government and the Board of Governors to secure a union with King's College, the only other then existing in the Province, this College went into operation in 1828, under the Presidency of the Rev. Thomas McTear, D. D., and with a staff of three Professors.

By an Act passed in 1831, University powers were conferred on the College, and the appointments of the Governors were vested in the Lieutenant-Governor and Council.

In 1843, President McTear died; and in 1845, the College was closed, the Government considering it "impossible to allow the funds of the Institution to accumulate."

In 1846, an Act was passed authorizing the Lieutenant Governor and Council to appoint a new Board of Governors "to take more steps for rendering the Institution useful and edifying, as to the Secretary may seem fit." This Board, from 1846 to 1869, comprised the Faculty of the University to support a High School.

In 1869, the Acts department of the Toronto College, Liverpool, N. S., was transferred to this College "with a view to the improvement of the establishment of a Provincial University," and an attempt was made to reorganize the Institution as a University under the Act of 1841. This union, however, came to an end in 1877.

In 1880 the College was re-organized under the following Act:

An Act for the Re-organization and Support of Dalhousie College.

(Passed on 29th day of April, A. D. 1880.)

Whereas, it is expedient to revive the name on which the said College is established, and to alter the constituting Charter, as to the benefits that may be lawfully received from the original capital and the control, position may, if possible, be retained, and the design of its original founders, as nearly as may be, carried out.

As 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 Blodgett, John W. Blodgett, and James P. 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 of 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 petition 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 Candidate to hold the same; and the Board shall, at 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 each 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 constituting 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 of Professorship, and in the event of any lecturer by whose will a chair or professorship may be 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 as often as they shall think fit, and upon such notice as to them shall seem good, and for the execution of the trust hereby imposed in this Act.

5. The said college shall be endowed and taken to be a University, with all the usual and necessary privileges of such institutions; and the students shall have liberty and facility of taking the degrees of Bachelor, Master, and Doctor, in the several arts and faculties at the appointed times; and shall have liberty within the province of performing all academic 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 regulation of the said College shall be committed to the Statute Authorities, bound by the respective oaths or professions of the said, 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 holding of a sum of money to the Governors of Dalhousie College, and for raising 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 26th day of May, A. D. 1875.)

As amended 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, or removable by the Governor-in-Council.

2. The Governors shall have power to affiliate to Dalhousie College any other college desiring to affiliate to said College, or any schools in arts, in theology, in law, or in medicine, and to make provision for such affiliation, and for the regulation and management thereof, on the same principle as obtain in other Universities, and to make 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 21 of the Acts of 1853, entitled "An Act for the Regulation and Support of Dalhousie College," or of any other Acts as is inconsistent with this Act, is repealed.

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

(Passed the 14th day of April, A. D. 1857.)

As amended by the Governor, Council, and Assembly, as follows:—

1. The Governors of Dalhousie College, as defined in section 21 of the Acts of 1857, 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 said College, and to appoint professors or lecturers in law, and one of the members of the College to provide for the maintenance and support of such Faculty, and to vote in order for the regulation and management of such Faculty, and for the granting of degrees in law on the same principle as obtain in other Universities, and to make and amend such rules from time to time.

2. Section 3 of chapter 21 of the Acts of 1857, entitled "An Act for the regulation and support of Dalhousie College," is amended by adding the words "and governance" after the word "provide" in the said section, and any individual who has hitherto enjoyed a Chair or Chair in the College shall have a right to continue a professor for each Chair-employment, in the same way as if section 3 aforesaid had been originally passed as now amended.

3. Section 4 of the said chapter 21 of the Acts of 1857, is amended by adding the words "provided, however, that in the event of any body of Clergymen, Individuals, or members of Individuals, associating 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 Clergymen or Individuals naming any professor or professor or other thereof, the number of professors may be increased beyond fifteen, but such increase shall be limited to the number of such chairs or professorships may after the passing of this Act be created by virtue of said sections 2 and 3."

In possession of the Act of 1875, the Presbyterian Church of the Lower Province closed their College, and agreed to support two chairs in the Faculty (the head of the Maritime Province in connection with the Church of Scotland founded one chair) and the College opened in that year, under the Presidency of Sir James Ross, B. D., and with an Act Faculty of 37 Professors. On the death of Principal Ross in 1884, and Professor Lyall in 1890, the Presbyterian Church withdrew the two Professorships they had previously supported.

In 1898, a Faculty of Medicine was organized, which, in 1927, developed into the Halifax Medical College. In 1895 the Faculty was reorganized.

In 1893 the Faculty of Law, and, in 1891, the Faculty of Pure and Applied Science, were added.

In 1893, the late Governor Murray, of New York, a member of this Province, placed in the hands of the Government the funds necessary for the endowment of a Professorship of Physics. In 1891 he established a Professorship of History and Political Economy. In 1892, he founded a chair of English Language and Literature. In 1903 he added to the staff of the College a Professor of Constitutional and International Law. In 1895 he founded a Professorship of Philosophy. From 1888 till 1894 he provided Chairs in Classics and Mathematics. From 1888 to 1894 he provided the University with Kilmuir and Baraclose, to the amount of \$23,148.00, which, according to his own desire, were so offered for competition as to stimulate a greater activity and efficiency in the High Schools and Academies of Nova Scotia and the neighboring Provinces.

The Government desire to place on permanent record their high sense of Mr. Murray'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 educational University in Nova Scotia.

To support the donor's wish 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 HUBERT CHAIRS of PHYSICS, OF ENGLISH AND POLITICAL ECONOMY, OF ENGLISH LANGUAGE AND LITERATURE, OF CONSTITUTIONAL AND INTERNATIONAL LAW, and OF PHILOSOPHY, respectively.

In 1902, 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 Government of Dalhousie College or University of the City of Halifax in Trust, that the same shall be invested and income paid to be called the McLeod University Fund, and the interest and income thereon shall be applied to the maintenance of these or such professorial chairs in said 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 shall cease to exist, or be closed for two years, or be made a sectarian college, then and in any such case, the said fund and all accumulations thereof shall go to the said Board of the Maritime Province of the Presbyterian Church in Canada, to be used for the purposes of education in connection with said Province, and if a further stipulation of part of the fund shall ever be used, either by said Government of Dalhousie College or by the said Board, as a sectarian society under any circumstances whatsoever."

According to the provisions of the will, the McLeod Chairs of Classics, University, and Physics' last two as were founded.

In 1886, the late Sir William Young, one of the oldest and best friends of the College, bequeathed \$30,000 to the Building Fund. In 1887, Sir William Young bequeathed to the University half the profits of his estate, together with a Prize Fund of \$4,000, and the amount remaining in aid of his education to the Building Fund. The following are extracts from his will:

"I bequeath to the Governors of Delaware College on the first day of the year of 1890 to be kept continually invested by three, and that they shall apply the income thereof, thereon to be standing and accumulating 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 academic excellence, and to have the recipient's name recorded thereon, and to be given of his residence at College, and in donating and maintaining such other prizes for distribution among the students of said College to the Governors may from time to time be given."

"Having agreed and provided in the Governors of Delaware College to pay from the sum of \$9,000 or so and in the execution of their building now in progress, I direct my executors to pay the said sum from time to time as they 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 one part each part, or share in _____, and the other part or share to the Governors of Delaware College at Halifax for the general purpose of said college."

"In the event of my having paid to Delaware College during my lifetime any part of said sum of \$30,000 herebefore mentioned, so agreed to be paid to them in aid in the execution of the bequest herein, I do hereby give authority to pay toward the said sum the balance only, if any, that may be due or owing from at the date of my decease."

In 1887, by the will of the late J. P. Avery, M. D., of Halifax, the following bequest was made to the college:

"I give and bequeath the sum of \$500 to Delaware College in the City of Halifax, to be used in support of the Faculty of the said College, and the interest thereof to be appropriated for an annual prize."

In 1887, by the will of the late Mrs. Rebecca Greenman Matthews, of Monmouth, of Monmouth, New Jersey, bequeathed of \$100,000, the following bequest was made to the College:

"To Delaware College \$1,000 for building a library for an obituary attending said College, subject to such conditions and regulations as the governing body of said College may approve, one with this proviso that said library shall be called the 'Matthews Library,' and that students of the name of Matthews, Masters, and Brown shall have preference in the selection of books for said library."

In 1891, by the will of the late John P. More, Esq., of Halifax, the following bequest was made to the college:

"I give and bequeath to the Board of Governors of Delaware College, or to such individuals or organizations in whom or in which the control of such College shall be legally vested, the sum of ten thousand dollars, to be legally received by the said Governors, individuals or organizations, and the same shall apply for the benefit of such College, as long as the said persons and societies be in an active condition as at present."

The following donations have been made to the Endowment Fund: Hon. Sir William Young, W. J. Stiles, Esq., Rev. R. Hayley Brown, John Gilbert, Esq., John P. More, Esq., Wm. F. West, Esq., Thomas

A. Bisset, Esq., and Hon. Robert Cook, \$1,000 each; Adam Urree, Esq., Peter Cook, Esq., Rev. Joseph Northey, Prof. Lawson, and Alex. McLeod, Esq., \$500 each.

The following subscriptions have been made to the Building Fund:

Rev. Lewis B. Jordan, \$1,000; John Dault, John S. McLean, R. Sedgwick, \$750 each; James Byers, John McNab, Adam Burns, Hon. B. Cook, Dr. Avery, \$500 each; Frederick Percock, \$275; James Forster, \$200; Prof. John Johnson, Peter Cook, William Miller, Prof. Murdoch, \$250 each; Prof. Macpherson, A. & W. Macpherson, \$225 each; Prof. Alexander, Judge Graham, \$200 each; James Scott, J. B. Scott, Hon. J. W. Williams, Wm. Robertson, J. F. Mackintosh, B. Holt, James, John W. Parsons, Parsons, Morrison & Payne, \$150 each; J. J. Stewart, \$120; Rev. K. Scott, Peter Cook, D. W. C. Cook, Peter Adams, \$100 each; Wm. F. Wallace, Arthur Drysdale, E. L. Knapton, A. Ford Oatley, W. W. Barrow, Hugh McKeane, \$75 each; W. C. Allen, Graham Fraser, \$50 each; K. McKay, \$40; J. M. Stewart, \$25; Rev. A. Paterson, \$20; J. W. Macfar, Dr. J. Stewart, \$10 each. Total \$10,540.

The following donations have been made from time to time to the general fund:

Hon. Sir William Young, \$200; John Dault, Esq., \$100; J. B. Maclean, Esq., \$50; J. Avery, Esq., M. D., Sir Samuel Fleming, Esq., Principal Grant, D. W. J. Stiles, Esq., Peter Burns, Esq., John Gibson, Esq., Rev. J. McMillan, M. A., and John McNab, Esq., \$50 each; James Scott, Esq., and A. K. Macpherson, Esq., \$20 each; Rev. Robert Cook and the Medical Faculty, \$50 each; Rev. Frederick Forster, M. D., Hon. A. G. James, and George Thomson, Esq., \$100 each; A. Burns, Esq., \$25; J. J. Brown, Esq., \$15; R. B. Collins, Esq., J. Macpherson, Esq., Prof. J. McMillan, Prof. J. Johnson, Prof. G. Grant, A. G. James, A. G. MacLeod, Esq., G. H. Morrison, Esq., James Morrison, Esq., Joseph Macpherson, Esq., T. A. Bisset, Esq., Rev. Principal Cook, D. D., Ed. Smith, Esq., S. K. Macpherson, Esq., John Stiles, Esq., James Thomson, Esq., and Hon. Sir Charles Tupper, \$100 each; J. W. Cameron, Esq., C. D. Brown, Esq., Major-General Leslie Mackenzie, James Macpherson & Co., Prof. J. Macpherson, J. P. More, Esq., and Hon. Judge Bisset, \$50 each; J. P. Mitchell, Esq., and Hon. B. E. Stewart, \$50 each; J. B. Scott, Esq., R. W. Fraser, Esq., Esq., and W. H. Cook, Esq., \$20 each; with smaller sums according to \$1,540.

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

Hon. Sir William Young, \$500; Mineral Association, \$250.00; Rev. J. C. Macpherson, \$200; J. F. Avery, Esq., M. D., Thomas Brown, Esq., Hon. B. Cook, Alex. McLeod, Esq., John McNab, Esq., Hon. Joseph Northey, W. J. Stiles, Esq., and W. F. West, Esq., \$500 each; Thomas A. Brown, Esq., Messrs. Dault & Miller, Messrs. Eason & Co., John Gilbert, Esq., Peter Cook, Esq., Prof. G. Lawson, J. B. Stewart, Esq., Robert Murray, Esq., Hon. J. W. Richardson, James Thomson, Esq., and a Friend, \$500 each; with smaller sums amounting to \$650.

The Governors and Alumni are now endeavoring to raise an additional endowment and also a special \$25,000 fund, as more extensive expenses. The following sums have been subscribed:

For endowment, Thomas K. Fraser, \$200; James W. Carmichael, Prof. Macpherson, Prof. Lawson, Prof. Wilson, Prof. W. Murray, \$500

cash; D. C. Finzer, M. P., J. H. Caranahan, George F. McKay, \$250 each; Stuart & Fallows, \$240; Hugh McKenzie, C. E. Calver, \$200 each; J. F. Melrose, 1630; Isaac Longworth, B. J. Linnon, George Campbell, Mrs. J. R. Hudson, J. C. Milne, J. C. Sutherland, Susanna McKay, \$100 each; C. A. Robson, \$75; Do. Harris, \$60; Angus Chisholm, J. Heywood McGregor, P. A. McMillan, S. Finzer, J. H. McKay, W. R. Campbell, W. S. Nairn, M. H. Martin Dickson, D. H. Smith, Angus Murray, F. A. Linnerson, M. P. C., Wm. Donald, W. H. Mason, F. D., \$50 each; Rev. Dr. McCulloch, Rev. T. Cunningham, Rev. A. B. Dickie, Donald Grant, Harvey Graham, E. B. Smith, C. H. Dawson, G. Chas. J. P. Archibald, T. M. McLellan, \$25 each; J. T. Jamieson, \$20; H. W. J., \$10.

For Current Expenses—John Todd, and Adam Burns, \$2,500 each; W. J. Cairns, and Hon. R. Beak, \$1,250 each; Donald Keith, \$1,000; W. B. Ross, \$800; President Forrest, \$500; Prof. Johnson, T. Ritchie, B. Bruce's, Kayser, Finzer & Co., Class of 1868, \$200 each; Prof. MacGregor, \$200; Drysdale & Cleghorn, D. A. Campbell, M. D., Prof. B. A. Murray, \$200 each; R. L. Baillie, Rev. John McMillan, J. C. Mackintosh, \$200 each; I. A. Turnbull, A. H. McKay, L. D., and Prof. Lochie, \$200 each; George Campbell, M. D., \$100; W. Dennis, H. W. Brown, W. & J. McMillan, \$100 each; James Thompson (Pictou), J. McG. Stewart, J. R. McKinnon, A. K. McLean, W. D. ———, G. R. Campbell, \$100 each; R. M. McDonald, R. T. Schmitt, \$25 each; Rev. A. Rogers, \$60; C. H. Macdonald, Charles Morris, Thomas Nairn, R. F. A. Ross, James D. McLean, Prof. A. G. Laird, Prof. J. E. Creighton, Victor Fraser, H. McMillan, T. E. Chisholm, Prof. A. S. Macdonald, H. B. Cairns, G. Patterson, J. A. MacKinnon, G. E. Peacock, \$50 each; Rev. G. W. Grant, H. S. Campbell, A. H. Morrison, Andrew Cleary, Miss Ida G. McDonald, Miss Maria Grant, W. S. Tannerson, Hedley Ross, Edward Ansdad, George F. Ross, Rev. G. S. Cairns, P. C. C. Mooney, J. J. Paton, U. W. Lyon, A. Roberts, D. Stewart, H. D. B. Curtis, H. V. Jamieson, H. G. Bayne, \$25 each; A. S. Macdonald, \$20; J. A. Cameron, \$10; W. W. Walsh, Rev. J. W. McLellan, Rev. J. C. Macdonald, Rev. J. A. Macdonald, \$10 each.

The following contribute to the Library for the purchase of books and to meet current expenses have been made since 1858—Prof. A. Scott (100 each of course of lectures), \$245; Prof. A. MacMillan (annuals of courses of lectures), \$672; Faculty of Arts, \$220; Alumni Association, \$177.40; English Class (presents of diuinitic text-books), \$90.44; Interest on College, \$75; H. McMillan, L. B. \$40; Class of '61, \$40; Lecturers on Education, \$45; Philomathean Society, \$30; Class of '65, \$20; Class of '66, \$60; S. A. Morrison, Rev. M. A., \$12; Class of '67, \$210; Class of '68, \$70; Class of '69, \$114.75; "Three Friends," \$7.50.

For other contributions, see under heading: Library and Museum.

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

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 REV. ARTHUR D. BROWN, 1838-49, Professor of Classics.
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 REV. FRANKLIN JONES, M. A., LL. D. (London), now Rector, Leven, O. D., 1845-57, Professor of Mathematics and Natural Philosophy.

REV. GEORGE CHISHOLM, M. A., LL. D., late Professor of Classics, McGill University, 1846-57, Professor of Classics.
 THOMAS MCCLELLAN, 1848-60, Professor of Natural Philosophy.
 ALAN G. HAYES, M. D., Lecturer on Obstetrics, 1848-50.
 HON. Wm. J. ALLEN, M. D., (Edg.) Lecturer on Obstetrics, 1848-50, and President of the Irish Medical Faculty from 1848-53.
 ALFRED B. WOODMAN, M. D., Lecturer on Materia Medica, 1848-56.
 WILLIAM B. SHAYLER, M. D., U.S. (Edg.), LL. B. C. P. (London), F. O. S. L., Professor of Obstetrics and Diseases of Women and Children, 1870-73.
 HENRY A. GORDON, M. D., LL. B. C. S. (Edin.) Professor of Anatomy, 1870-73; Professor of Medicine and Clinical Medicine, 1873-75.
 JAMES R. DAWE, M. D. (Edin.), LL. B. C. S. (Edin.), Professor of Medical Jurisprudence, 1870-75.
 HENRY BRIDGMAN, Esq., Q. C., Professor of Medical Jurisprudence, 1870-75.
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 HARRIET A. BAKER, M. A., Ph. D., F. R. C. S., late Professor of Chemistry, Royal Military College, Kingston, Ont., 1877-78, Lecturer on Organic Chemistry and Chemical Analysis.
 JAMES DUNBAR, M. A., 1866-80, Professor of Rhetoric and History.
 HON. DAVID THOMAS, D. C. L., F. R. S. A., F. R. C. S., late Professor of Geology, 1878-80, Professor of Geology and Palaeontology.
 REV. JAMES BURN, D. D., 1863-85, Principal and Professor of Rhetoric.
 J. G. SCOTT, M. A., D. Sc., now President of Cornell University, 1882-85, Professor of English Literature and Metaphysics.
 HON. SIR J. S. D. THOMSON, LL. D., late Premier of Canada and Minister of Justice, 1881-88, Lecturer on Pleading and Evidence.
 HON. ROBERT SANDFORD, LL. B., Judge of the Supreme Court of Canada, 1883-88, Lecturer on Equity and Jurisprudence.
 W. J. ALEXANDER, B. A., Ph. D., now Professor of English in the University of Toronto, 1884-86, Professor of English Language and Literature.
 HON. Wm. LEAL, LL. D., LL. B. C., 1888-90, Professor of Philosophy.
 HON. S. L. STANBURN, D. C. L., Q. C., 1893-96, Lecturer on Real Property; Examiner in Medical Jurisprudence, 1890-92.
 HON. W. GORDON, B. A., LL. B., Judge of the Supreme Court, 1892-96, Lecturer on Literature.
 J. Y. PATRICK, M. A., 1891-92, Lecturer on Verbs.
 REV. C. J. THOMSON, B. A., S. C. L., LL. B., Judge of the Supreme Court, 1895-92, Lecturer on Equity Jurisprudence.
 A. H. MCKAY, B. A., B. Sc., LL. B., LL. D., LL. B. C. S., now Superintendent of Education, 1891-92, Lecturer on Zoology.
 JAMES SMITH, M. A., now Professor of Moral Philosophy, Edinburgh University; 1896-92, George Murray Professor of Philosophy.
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 WILLIAM B. ROSE, Q. C., 1892-94, Lecturer on Torts.
 GEORGE LATHROP, Ph. D., LL. D., F. R. C. S., F. R. S. C., 1892-94, Professor of Chemistry and Mineralogy, and Lecturer on Botany.
 W. J. BARRIEBANK, Ph. D. (J. H. C.), now Professor of Chemistry, McGill College, Irvington, Ind., U. S. A., 1896-98, Lecturer on Classics.
 JOHN ROBERTS, M. D., Professor of Physiology, 1870-72; Examiner in Physiology, 1872-80; Examiner in Medicine, 1870-82.

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 EDWINSON MACKAY, JR., M. A., (Oxon.), LL. D., (Edin.), F. R. S. C., *Lecturer of*
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 F. W. W. DEANE, C. E., *Halifax City Engineer, Lecturer on Municipal*
Engineering.

- C. F. W. BROWN, B. A. (Ox.), M. I. C. E., M. C. & C. E., Training Inspector Public Works of Canada, *Lecturer on Historical Engineering.*
- HENRY McGUIRE, M. C. E., C. E., Assistant Provincial Engineer, *Lecturer on Surveying.*
- GEORGE KIRKUP, LL. B. (Oxon.), *Lecturer on Real Property and Conveyancing.*
- WILLIAM K. SMITH, M. D., C. M., JOHN L. H. C. P., (Ox.), L. B. O. R. (Ox.), *Professor in Natural Medicine and Therapeutics.*
- WILLIAM THOMAS, F. R. C. S. (Edin.), *Lecturer in Ophthalmology, Otolaryngology and Laryngology.*
- HEN. H. MUIR, B.Sc., Inspector, Dominion Coal, *Assistant in Medical Jurisprudence.*
- WALTER L. MURPHY, M. A. (Ox.), *Formerly Professor of Philosophy and Lecturer on Theory of Education.*
- ALAN NEALE, Esq., Inspector of Public Schools, *Lecturer on Principles of Education.*
- JOHN H. SIMON, M. B., C. M., (Ox.), *Assistant in Physiology and Histology.*
- P. W. SIMON, M. D., C. M., (Ox.), M. D. (Ox.), *Professor in Modern Medicine and Therapeutics.*
- IRVING HOLMES, LL. B. (Ox.), *Professor, Lecturer on Jurisprudence.*
- R. A. MORRIS, M. A. (Ox.), *Lecturer on Descriptive Geometry.*
- F. E. ANDERSON, L. R. C. P. (Ox.), M. B., C. S. (Ox.), *Professor in Anatomy.*
- A. W. LORAN, B. A. (Ox.), *Lecturer on Classics.*
- CHAS. R. CURRIE, M. A. (Ox.), LL. B. (Ox.), *Professor, Lecturer on Trade.*
- GEORGE ARCHIBALD, M. P., *Lecturer on Mining.*
- ABRAHAM BIRN, B. E., *Lecturer on Mining.*
- H. W. JOHNSON, C. E. (M. C. E.), *Lecturer on Surveying.*
- W. E. GRAVELL, Principal County Academy, *Lecturer on Medical Jurisprudence and Mental Law.*
- D. J. MURPHY, Principal Department High School, *Lecturer on History of Scotland.*
- FREDERICK MURPHY, B. A. (Ox.), Ph. D., M. P. C., *Medical Professor of Chemistry, and Lecturer on Microbiology.*
- A. MACLEOD, M. B., C. S. (Ox.), *Lecturer on Zoology.*
- C. B. CURRIE, Esq., Director of Higher Class of Studies, *Lecturer in Theory of Music.*
- F. H. THOMPSON, Director of Dominion Coll. of Music, *Assistant in Theory of Music.*
- REV. E. LATH, M. A., Director, Provincial of Theology, *Lecturer on History of Church.*
- W. H. KAYE, M. D., C. M., (Ox.), *Assistant in Pathology and Bacteriology.*

— — — — — *Lecturer on Botany.*

Lecturers: PROFESSORS WALTER G. MURPHY
Director of the Museum; FREDERICK E. MURPHY.

— — — — —
Lecturers in Zoology: GEORGE MURPHY, Esq.

— — — — —
Assistant: GEORGE MURPHY.

Faculty of Arts.

THE PROFESSORS.

- GEORGE MACDONALD, M. A.
JOHN SIMON, M. A.
JAMES LEITCH, M. A.
J. GEORGE MURPHY, D. Sc.
ABRAHAM BIRN, Ph. D.
WALTER C. MURPHY, M. A.
IRVING HOLMES, Ph. D.
FREDERICK MURPHY, Ph. D.
J. W. LORAN, B. A.

Secretary to the Faculty: PROFESSOR MACDONALD.
Register to the Faculty: PROFESSOR SIMON.

Communications should be addressed:

"The Secretary, Faculty of Arts,
Dalhousie College, Halifax, N. S."

§ 1.—Courses of Instruction.

I. CLASSICS.

(*Medical Professions only.*)

Professor IRVING HOLMES, M. A.

First Latin Class.

Methodology, Writings and Exercises, II.—II A, B.

Subjects of study:

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

Books recommended: Cicero, Orations against Catiline, (Willink's), Macdonald's N. Y. Edition; Virgil, Aeneid, Book VI, (Parker), Macdonald, M. P. C. Edition; Sallust, Conspiracy of Catiline, (Parker), Macdonald, M. P. C. Edition; Prose Composition, Latin Prose Composition, (Native), Macdonald's History of Rome, (Macdonald, M. P. C. Edition); Latin Prose Composition, (Allen & Deane, Boston, 80 cents), or Allen and Macdonald's Latin Prose Composition, (Allen).

*The private reading by students outside of the First Latin Class in English.
Paraphrase translations on sight will be made on examination.

classes in other Theological Colleges approved by the Faculty, are also recognized for the same purposes.

Daily, 5.15—10.30 A. M.

Text book: Tavakoli's *Introductory History Grammar*, with *Progressive Exercises in Reading and Writing*, 12, & V. Clifton, Birmingham, 18, 16.

The aim of the course is, by a thorough drill in pronunciation, exercises in reading and writing, to impart a fair knowledge of inflection and syntax, and the ability to read at sight easy parts of the *Wahere* Scriptures.

Books recommended: General's *History Grammar*, revised edition (London, Fleming & Co., 12, St. V. Clifton, Birmingham, 18, 16); also *History, Grammatical and Bible*, New York, 178, Lager's *Introductory Hebrew*, Berlin and Barmen, 1888, revised, Abraham Peltz's *Hebrew Society of London*, (London) *Hebrew Grammar*, London, (London) *Hebrew*, London, (London) *Hebrew*, London, 1888, 181.

IV.—MODERN LANGUAGES.

(*Modern Professorship.*)

Professor.....James LACHEE, M. A.

First French Class.

Tuesdays and Thursdays, 7—9 P. M.

Subjects of study:

Maennlein's *Progressive French Reader*, 11 *Leçons*, (Farrach's), Melior's *Le Bourgeois Gentilhomme*, Maennlein & Co.; *Scènes*: *Botanique de Banas* (Maennlein & Co.), *Stories* in *Conversation and Composition*, (Farrach's) *First Course* by Maennlein & Co.

Additional for a First-Class position: *Scènes*, *Plots*, *First 10 chapters*; or *Scènes* & *Dialogues of Rollin*, Acts I and II; or *Octave Feuillet: Le Roman d'une femme pauvre*, *First 1000 chapters*.

Text books: *Reader'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, 7—9 P. M.

For 1895-96, Melior's *L'Amour*, Racine; *Robert Pousard: Charles Corbin*, or *L'Amour et le Républicain*, (Maennlein & Co.) Translation from English writers, Exercises in Syntax, Translation of unspecified passages from modern authors, French Composition.

For 1894-95, Melior's *Les Postiches* (Melior's), Racine; *Madame de Sévigné*, (Maennlein & Co.), Cornéille; *Cléopâtre*, Translation from English writers, Exercises in Syntax, Translation of unspecified passages from modern authors, French Composition.

Melior's *Monsieur de Mazarin* (Maennlein & Co.) and either Melior's de *Steu's L'Amour*, First Chapters, or Melior's *Bourgeois*

Quintessence, III and IV Acts, are prescribed for private reading to candidates for a First Class position.

Text Book: As in First Class. *History of French Literature* (Melior's) is allowed.

Third French Class.

Tuesdays and Thursdays, 8—10 A. M.

Subjects of study:

For 1895-96, Melior's *Les femmes savantes*, Racine; *Polixène*, Cornéille; *Le Cid*, (Maennlein & Co.), Translation from English writers, French Composition, 2nd course, by Auguste Fournet (Maennlein & Co.), Translation of unspecified passages from modern authors.

Text Book: As in Second Class. *Melior's L'Amour* is allowed.

For 1894-95, Cornéille; *Le Cid*, Racine; *L'École*, Melior; *Le Médecin malgré lui*, Translation from English writers, French Composition, 2nd course, by Auguste Fournet (Maennlein & Co.), Translation of unspecified passages from modern authors.

Melior's *Tartuffe*, Acts I and II, (Maennlein & Co.), and either Victor Hugo's *Les Passantiers de la Mer*, Chapters I to V (Melior) (Melior's), or Madame de Staël's *Germany as it is*, (Melior), (Melior), are prescribed for private reading to candidates for a First Class position. *Fourth French*; Melior's *L'École des femmes* and *L'École des femmes*, II Act of such.

First German Class.

Monday, Wednesday and Friday, 8—10 P. M.

Subjects of study:

Reichlein's *German Reader*, Part II, Schiller; *Wilhelm Tell* (Maennlein & Co.), Additional for a First Class position: *Goethe's Faust*; *Das Jüngste Gericht*, Act I, (Maennlein & Co.), or *Madame de Staël's Germany as it is*, (Melior), (Melior), or Schiller's *Wilhelm Tell*, II and III Acts, Exercises in Grammar and Composition, *Elementary German Prose Composition*, by E. M. Herberichs (Maennlein & Co.).

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

Second German Class.

Monday, Wednesday and Friday, 8—9 P. M.

Subjects of study:

For 1895-96, Goethe; *Erstmal*, Schiller; *Maria Stuart*, (Maennlein & Co.), Translations from English writers, Original Compositions, Translations of unspecified passages from modern authors, German Prose Composition, to be announced.

Text Book: As in First Class. *Other Text Books* required will be announced at the opening of the Session.

For 1894-95, Goethe; *Herzogin von Sagan* (Schroeder's) *German Prose*, *Levi's* *German* (Maennlein & Co.),

Translations from English writers. Original Compositions. Translations of unpoetical passages from modern authors. German Prose Compositions, to be announced.

Schiller's *Jungfrau von Orléans*, Prolog, und Act I, and Göthe's *Helfer's Probe*; Die *Herzogin* (Macmillan & Co.), or Schiller's *Eleonore*; *Alters Schwermuth* (Schönbach Prose) are prescribed for private reading to candidates for a First Class position.

Third German Class.

Monday, Wednesday and Friday, 9—11 A. M.

Subjects of study:

For 1893-94. *Reading: Nathan der Weise* (Macmillan & Co.), *Goethe's Götter und Helden* (Macmillan & Co.). *Prose composition:* Translation of unpoetical passages from modern authors.

For 1894-1895. *Reading: Myra von Ravenna* (Macmillan & Co.), *Goethe's Epigramm auf Teufel*. *Prose composition:* Translation of unpoetical passages from modern authors.

Schiller's *Wallenstein's Tod*, Act I, 4th Scene; Act II, 2nd and 3rd Scenes; Act III, 18th Scene; *Goethe's Bell & Soss*; and either *Goethe's Faust: Prolog im Himmel*, and first three scenes of Part I, (by Jussieu; Macmillan & Co.), or *Heine's Lucerne* (Macmillan & Co.) are prescribed for private reading to candidates for a First Class position.

Text Books: As in Second Class.

Fourth German Class.

Twice a week.

Subjects of study:

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

Private reading for a First Class position—Schiller's *Wallenstein's Lager*, and *Lessing's March Napoleon*, or Schiller's *Griekenland*.

Advanced German Class.

Twice a week.

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

1894-95. *Middle High German: Grammar* (Wright's *Middle High German Primer*), *Selections* from Wackernagel's *Kleinere Altdeutsche Lesebuch*. *Selections* from authors of the 16th century. *Prose composition.*

1894-1895. *Middle High German: Germanische Volks-Gesamtheit*, *Selections* from Wackernagel; *Kleinere Altdeutsche Lesebuch*. *Selections* from *Sevise* and *Plattdeutsche dialect literature*. *Selections* from authors of 16th and 17th centuries. *Prose composition.*

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

V.—ENGLISH LANGUAGE AND LITERATURE.

(George Mason Professorship.)

Professor:..... ARTHUR H. MACKERRAN, Ph. D.

The course in English is mainly literary; the method pursued is inductive. The different periods are studied in the representative works of the period, and in all cases actual acquaintance with the texts provides criticism upon them. This part of the course is intended to furnish the student with an outline picture of English literature from Chaucer to Tennyson. The work for class distinction is meant to broaden the knowledge of more ambitious students. The essential facts of Historical English Grammar are taught by means of lectures in the Second Year. In Composition, practice precedes theory, and exercises in the class-room take the place of "essays" completed at home; the writing of reports forms part of this work. In the Advanced Class the aim of the instruction is to acquaint the student with the grammar of Old and Middle English, and to widen his knowledge of Elizabethan literature.

First Class.

Monday and Thursday, 12—1 P. M.

COMPOSITION. Christian Term; inductive exercises in the construction of narrative and descriptive paragraphs. Spring Term; exercises based chiefly on personal experience.

LITERATURES.—*Eighteenth Century:* *Prose: Addison;* Papers contributed to the *Speculator*, *Johnson's Life of Pope*, *Mary Queen;* *Samuel Johnson's Poetry; Dryden's Mac Flecknoe, St. Cecilia's Day, Alexander's Feast; Pope's Rape of the Lock; Gray's Elegy in a Country Churchyard; Goldsmith's Traveller, Deserted Village; Burns's Two Dogs, Gersie's Saturday Night.*

For reference: Ouse's History of Eighteenth Century Literature.

Candidates for Class Distinction will be expected in these additional works, which are not read in class. *Dryden's Absolon and Achishophel; Pope's Essay on Man; Johnson's Lives of Dryden, Addison and Gray.*

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

Books recommended: *Walter Langbe's English Prose* (covering all the prose read in class); *Addison*, ed. T. Arnold; *Johnson's Prose* (ed. Johnson); *St. Cecilia's Day*, ed. V. Stern.

PRIVATE READING. As an preparation for this course, the student is recommended to read the following works: *The Norton's English Grammar, Complete and Abbreviated; The History of Henry's Shortest*, (Ch. II, com. et. in hand); *Macaulay's The Comic Dramatists of the Restoration*, *Addison*.

Second Class.

Monday, Wednesday and Friday, 11—1 P. M.

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

LITERATURE.—Elizabethan, Shakspeare; King John, Hamlet, As You Like It, Much Ado About Nothing, Twelfth Night, Locrine, Sonnets, Paradise Lost, Mss. 1-11. *Textbook.*

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

For reference. *Sainsbury: 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. Henry V., Julius Cæsar, Twelfth Night.

PARALLEL READING. As a preparation for this course, the student is recommended to read the following works: King Lear; *Warton's Hist. Scott. Literature*; *Hentzer, Poets in England*; *Harrison, Description of English Literature*; *W. Scott, Minstrelsy, Ballads.*

Third Class.

Tuesdays and Thursdays, 11—11 A. M.

LITERATURE.—Middle English, of The Shakspearean, Chaucer; *Pelesham, Knight's Tale and Name of the Tale*; *Beard's Middle English Primer*; *H. Spenser, Faerie Queene*, Bks. 1, 2. *Textbook: Dr. Martin, Lectures.*

History of Literature: *Pollock, Chaucer Primer*. For reference, *Levensburg, Ten Cent. Lit.*; *English Writers, V.*

For Distinction. Chaucer; Minor Poems, The Princess's Tale, Sir Topas, The Monk's Tale, The Squire's Tale.

Fourth Class.

Tuesdays and Thursdays, 1—3 P. M.

LITERATURE.—Nineteenth Century. *Scott's Old Mortality, Marmion, Byron's Poems* selected and edited by Matthew Arnold. *Wordsworth's* ed. 1st. *Meredon (Athens Press Series)*. *Keats's: The Lady of Shalott, Ode on a Grecian Urn, A Letter of Miss Warton, Poetical Sketches*. *Don, Sir Galahad, The Lord of Burleigh, Lyrical Drama*. *Keats's: Wellington, Boreas*. *V. Last Duchess, Last Reader, Andrea del Sarto, The Bishop Orders his Tomb, Epistle of Ruessial, The Italian in England, Puck's Song and Lullay*. *George: Burton Rossetti's* ed. A. MacNeahan, *Athens Press Series*.

History of Literature. *Sainsbury: History of Nineteenth Century Literature: Revised*, Age of Wordsworth. *Oliphant: Literary History of England*.

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

This subject may be assigned at the end of the previous section, and completed during the summer vacation. It should

in any case, be selected at the beginning of the session in which the student intends to present it, and is intended to embody the results of an original literary investigation. The following are the titles of representative theses which have been accepted: *Chatterton, A Study in Style; The Relation of "Tristram Shandy" to "The Anatomy of Melancholy"; Tompson's Treatment of Culture in "The Pillars of the King"; "Alaska," edited with introduction and notes. The theses must be written on special thesis paper and bound. They become the property of the college.*

Advanced Class.

Three times a week.

Development of English Language and Literature to the year 1800, with special study of select works in Elizabethan drama and prose. 1911, 10.

VI. HISTORY AND POLITICAL ECONOMY.

(George Moore Professorship.)

Professor REV. FRANKLIN FORTNEY.

Junior History Class.

Monday, Wednesday and Friday, 11 A. M.—12 M.

Subjects of study:

Medieval History and Modern History to 1800.

The class work will be conducted by means of lectures and examinations on prescribed reading. A detailed syllabus with references and passages prescribed for reading will be given to students on the opening of the class.

Candidates for First Class Distinction will be examined on *Baron's Middle Ages*, *Leveson Holy Roman Empire*, and *Introductory Sections of Holbertson's Charles V.*

Scott's (supplement); *Gibbon's Decline and Fall of the Roman Empire*; *Palmer's Middle Ages*; *Leveson Holy Roman Empire*; *Irish's England and the Reformation*; *Quinn's History of Elizabethan England's History of the Crusades*; *Robinson's Charles V.*; *Smith's Constitutional History of England*; *Lampson's Historical Style.*

Middle History Class.

Tuesday and Thursday, 11 A. M.—12 M.

Subjects of study:

Modern History from 1550.

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.

Disputed points will be worked out for special study and students required to examine authorities and weigh conflicting opinions, and thus learn to study history critically for themselves.

Key Geometrical Exercises with practical applications; 30 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 De Moivre's Theorem. The use of Logarithms, and of the chief Mathematical Tables; Solution of Plane Triangles; Measurement 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, should there be time for the subject.

In the Higher Division the subjects are—

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

TRIGONOMETRY.—As in the Lower Division, with Extensions; De Moivre'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 Examination, acquaintance with the subjects treated in this Division is necessary.

Books recommended: Algebra.—Tulliot's or Hall & Ketchum's Short Practical First Propositions; De Moivre and Wallis' Arithmetical Geometriae (Newell, 3s. 6d.); Simpson's Trigonometriae, etc. *Index.*—The Higher Division, Trigonometry, 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 De Moivre's Theorem; Analytical Geometry; Spherical Trigonometry; Theory of Equations; Differential Calculus.

Books recommended: First.—Plane Trigonometry, Vol. II, Hall & Ketchum's Algebra, Tulliot's Essay of Algebra, Wallis' Geometriae Arithmeticae, etc. *Second.*—Analytical Trigonometry. Any standard works on the subjects named 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 course for the First Division, with the addition of Wallis' Arithmetica Geometriae, De Moivre's Elements of a Faculty, Tulliot's Analytical Algebra, D. A. Murray's DIFFERENTIAL EQUATIONS, Maxwell & Co's

* The hour of meeting on Fridays may possibly be changed at the option of the University.

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

† This work is prescribed in connection with the first of these, as a Tutorial or Elementary Proposition, is insufficient for the ordinary class.

XII.—THEORY OF MUSIC.

The classes in the Theory of Music, conducted in the Halling Observatory of Music by Mr. C. L. Vernon, Director, and Mr. F. G. Ward, and the examinations of the Conservatory in the subjects of these classes, are recognised as qualifying for the B. A. and B. L. degrees. In the case of each class, attendance must include at least two lessons per week from the opening to the closing of lectures in this Faculty.

The subject studied in the First Class is Harmony in not more than four parts.

The subjects of the Second Class are: Harmony in not more than five parts; Simple Counterpoint in two or three parts; Canon in two parts; Imitation and Fugue in not more than three parts; Fugue, Elementary Forms, Phrases and Periods, closed and open Forms.

Information as to fees, etc., may be obtained on application to the Secretary of the Conservatory.

XIII.—PHYSICS.

(George Moore Professorship.)

Professor..... J. C. MacLennan, D. Sc.

Junior Physics Class.

Monday, 4-5 P. M., Tuesdays and Thursdays,
11 A. M., 12 M.

The subjects of the lectures will be as follows: The Elements of Dynamics; the properties of solid and fluid bodies; Light; 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 can be acquired in the Junior 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 a specified date, and students are expected to hand in Problem Papers for correction and criticism.

Books of reference: Methods of the class are recommended in such works as Physics (W. & J. G. Chambers, Edinburgh) as in connection with the lectures. Those who are at present unable to be admitted to these lectures will be advised to take a course, and in the meantime, to attend the only lectures available in the University of other departments of the class work. Those who are at present unable to acquire a more thorough knowledge of Dynamics and to consult the works recommended by the lecturer on all subjects that may be referred to in class. The following books are recommended as improved references: Baily's Elements of Physics (Longmans & Co.); De Moivre's Elements of Dynamics (W. Bell & Co.); Airy's and Brinkley's Second Book of Physics, revised by Kaye & Wain & Co.; Strick's and Franklin's Elements of Physics (The Macmillan Co.).

Senior Physics Class.

Monday and Wednesday, 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 so thoroughly as to be consistent with the employment of elementary mathematical methods, no greater knowledge of Mathematics being assumed than can be acquired in the Senior Class.

Students who aim at passing merely will be examined only in those portions of the subject which are discussed in class. Those who aim at Distinction will be expected not only to acquire considerable power of applying principles in the solution of problems, but also to study privately portions of the subject not fully treated in class.

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

In 1898-99.—Dynamics of solids and fluids. Students are recommended to read MacGillivray's *Kinematics and Dynamics* in connection with the lectures. Other works referred to will be:—Thomson and Tait's *Elements of Natural Philosophy* (Dunbarton, Glasg. Press), Mach's *Mechanics* (L. McArthur, Open Court Publishing Co.); Pearson's *Elements of Science* (Walker Smith); Hicks' *Elements of Dynamics* (Macmillan & Co.); Relfour Stewart's *Conservation of Energy* (King & Co.), etc.

In 1899-1900. Heat, including a short discussion of Heat Engines, and Electricity and Magnetism, including a discussion of dynamo-electric machines, a knowledge of the elements of Heat and Electricity such as may be acquired in the Junior Physics Course being assumed. Students are recommended to read Maxwell's *Theory of Heat* (Longmans & Co.) and Foster and Atkinson's *Electricity and Magnetism* (Founded as Joseph's Treatise, pub. by Longmans & Co.) in connection with the lectures. Other works recommended for reference are Tait's *Heat* (Macmillan & Co.), Wright's *Heat* (Longmans & Co.), A. J. Thomson's *Electricity and Magnetism* (Smith, Paris, Trévise), Lippich's *System of Optics and other Heat Engines* (Lamb, Univ. Press), and S. P. Thompson's *Dynamo-electric Machinery* (Spence).

Advanced Mathematical Physics Class.

Monday and Wednesday, 11 A. M.—12 P. 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 1898-1899. Thermodynamics, and Electricity and Magnetism (including Electrostatics.)

In 1899-1900.—Kinematics of a point, of a rigid system, and of deformable systems; Dynamics (including Statistics of a particle,

of systems of particles (including strings) of extended bodies, of rigid bodies, of elastic solids, and of fluids.

Books recommended: Tait and Steele's *Elements of a Particle Kinematics* & Co.; Tait and Steele's *Statistical Dynamics* (Macmillan & Co.); *Applied Thermodynamics*, 2nd & 3rd Editions; *Hydrodynamics* (Lighthill, 2nd Edition); *Statistical Dynamics* (Macmillan & Co.); *Statistical Theory of Electricity and Magnetism* (Macmillan & Co.); *Maxwell and Boltzmann's Electricity and Magnetism*, Vol. 1, 2 (W & A. Co., London.)

Advanced Experimental Physics Class.

Once a week.

The subjects studied will be (a) physical experimental methods and the examination of errors, this section of the class work being conducted mainly by private reading, under the Professor's supervision, of original papers by Faraday, Joule, and Kelvin; (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 relations of theory to experimental research, illustrated by sketches of one or more of the following: 1. the Kinetic theory of gases, the theory of solutions and of osmoticity, the wave theory of light,

Books recommended: *Physical Experimental Researches in Electricity*, Vol. 1 (King & Co.); *Electricity and Magnetism*, Vol. 1 (Taylor & Francis); *Lord Kelvin's Experimental and Physical Papers*, Vol. 1 (Dunbarton, Glasg. Press); *Edmund Prescott on Electrostatics* (John Wiley & Sons); *Woodhouse's Statics and Elementary Statics*, 2nd Edition; *James & Maxwell's Elements of Physics*, Vol. 1 (Long and Co.) (Macmillan).

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 Exams 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 reference: *Handbook and Manual of Practical Physics* (Longmans & Co.); *Physics and Optics* (Longmans & Co.); *Practical Physics* (Macmillan & Co.); *Advanced Practical Physics* (Macmillan & Co.); *Mathematics for Physical Scientists*, & C. A. WHEELER, A. SCOTT, Editors; *Journal of Physics and Applied Electricity* (Macmillan & Co.); *Oil and Water* (Physical Measurements) (Macmillan & Co.); and *Theoretical Laboratory Expts* (Macmillan & Co.)

XIV.—CHEMISTRY.

(McLeod Professorship.)

Professor..... E. WENAY, Ph.D.

Junior Chemistry Class.

Monday, Wednesday and Friday, 9—10 A.M.

The lectures in this class deal in an elementary way with the principles of general chemistry. In the earlier part of the course the chemistry of air, of water and of air is studied, the order of historical development being followed as nearly as possible; and when some acquaintance with chemical nomenclature has been gained, 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 oxygen and of the metaloxidation 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.

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.

Books recommended: *Morgan's Introduction to the Study of Chemistry* (Macmillan & Co.); *Clayton and Lester's Manual of Chemistry* (Macmillan & Co.); in the laboratory, *Morgan's Introduction to the Study of Chemistry* is used.

Senior Chemistry Class.

Tuesday and Thursday, 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 formulation 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.

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.

Books recommended: In organic chemistry, *Reimer's Chemistry of Carbon* (Macmillan & Co.). In inorganic analytical exercises see pages 24 and books in the library.

Advanced Chemistry Class.

One hour weekly.

The subjects treated in this class will be:

In 1908-9.—History of physical theory.

In 1909-100.—Methods of quantitative analysis.

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 cautions are taken up and a few simple quantitative experiments are performed. *Reimer'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 best qualified, or have not previously taken the Senior Chemistry Class may do labile 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, lead, manganese, aluminium, sodium 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. (b) Assay of the principal metals are assayed in the wet way. One of lead and silver not subjected to a furnace assay and the results checked by analysis. (c) Analysis of foods or poisons. (d) Analysis of soils. (e) Analysis of potable waters, or the 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 special 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 list.

The chemical laboratory accommodates about eighty 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 2 p. m., and from 3 to 5 p. m., on Tuesdays, Wednesdays and Thursdays.

XV.—BOTANY.

The class in Botany, conducted by the Faculty of Science, and the examinations, conducted by Faculty of Science in this subject, are recognized as qualifying for a degree. See Faculty of Science § XXV.

XVI.—ZOOLOGY.

Lecturer..... A. WALLING, B. D.

The work of the class will consist of a course of lectures supplemented by practical work, the object being to give such a comprehensive idea of the animal kingdom as will form a good basis for any one inclined to prosecute still further the subjects of Biology, Comparative Anatomy or Physiology.

The class will probably meet over a term for two consecutive terms, as being better devoted to lecture, the class to practical work and demonstrations. For detailed information see Faculty of Science.

XVII.—PHYSIOLOGY.

The University provides no instruction in this subject; but the class conducted in the Hallam Medical College by Professor T. M. SUTTON, M. B., and C. B. HENRY, M. B., is recognized as qualifying for a degree. The class meets on Tuesdays, Thursdays and Saturdays, at 11—12 a. m. The fee for the course is \$15.00.

§ II.—The Academic Year.—The Academic year consists of one session. The Session of 1898-99 will begin on Wednesday, 7th September, 1898, and end on Tuesday, 25th April, 1899.

§ 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 themselves in the Register (annually), and (c) paying the annual Registration fee, (§ XXV).

(2.) Registered students may, on presentation of their Registration Ticket, and on payment of the proper fees, (§ XXV), enter any of the ordinary classes of the College. The Advanced Classes are restricted 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, *viz.*, of Bachelor of Arts (B. A.), and Bachelor of Letters (B. L.). Candidates for these degrees must attend with regularity the classes of their course of study as prescribed in § VI, perform the exercises required and appear at the examinations held in connection with such classes, and secure a position on the Pass Lists in all subjects. The course of study extends over at least four years, but in the case of students who enter at advanced stages, may be completed in a shorter time.

(2.) Persons may become candidates for degrees by passing the Junior or Senior Matriculation examination (§§ V, VI). Those who pass the Senior Matriculation examination are exempted from attending the classes recommended in § VI to be taken in the first year of attendance, and may complete their courses in three years. In passing the Matriculation examination it is to be passed by a student before he enters upon a course of study leading to a degree. For subjects of examination, examinations recognized as equivalent, &c. See §§ V, VI.

(3.) General students who have attended some of the classes in either of the Courses of Study and passed in the subjects of them, may become candidates for a Degree by passing one of the Matriculation Examinations, in which case the classes previously attended will be recognized as qualifying for a Degree. But in these subjects of the Matriculation examination in which they have previously attended classes, such students will be expected to show a higher proficiency than if they had passed the examination at the beginning of their course.

(4.) Undergraduates of other Universities may, on producing satisfactory certificates, be admitted of *honoris status* in this University, if they are found qualified to enter the classes proper to their year. But if their previous course 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.

§ V.—Junior Matriculation Examination.—(1) The following are the subjects of this examination:

1—3. 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: in Passages for translation from prescribed books with questions relating to the books. (For 1898, *Caesar—Gaulic War, Books II and III, and Vergil—Æneid, Book II.*) (b) Short and easy passages for translation at sight from books not prescribed. (For 1898, *Caesar—Gaulic War, Books II and III, and Vergil—Æneid, Book III.*) Composition: Such a knowledge as may be gained from Collar and Daniels's *Beginner's Latin Book*, and the first eighteen exercises of Bradley's *Arnold's Latin Prose Composition, Grammar: As in Terrell's Latin Grammar, or Allen and Greenwood's.*

GREEK.—Translation: (a) Passages for translation from prescribed books with questions relating to the books. (For 1898, *Xenophon, Anabasis, Book I.*) (For 1899, *Thucydides, Anabasis, Book II.*) (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: Œuvres VII, Books I, II, III.* Grammar questions limited to the Accidence, and based on the passages selected for translation.

GERMAN. *Bachstein, German Reader, Part I, (Chicago Press) or Hall's Das Wortsbuch im Gespräch, Das Volk Here (Macmillan & Co.).* Grammar questions limited to the Accidence, and based on the passages selected for translation.

R. ENGLISH.—Language: Grammar, Analysis, Parsing, Composition: An essay on one of several set subjects, to be drawn from—*Macaulay, Warren Hastings, Shakespeare, Merchant of Venice; Tompkins, Pompeii; 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.

N. B.—Instead of the works prescribed above in Latin, Greek, French and German, candidates for matriculation (but not for scholarships) may offer equivalents; which must receive, at an early date, the approval of the President. The names of the languages and of the works selected for the approved equivalents must also be submitted to the President, at least one week before the date of the examination.

I. ALGEBRAIC AND ARITHMETIC.—*Algebraic Symbols: Simple Rules; rules for the treatment of Indices; Signs; Extraction of Squares and Cube Roots; Equations of the First Degree; Quadratic Equations of one unknown quantity.*

2. GEOMETRY.—*Æneid, Books I, II, III; or their equivalents.*

3. HISTORY AND GEOGRAPHY.—*Outline of English and Canadian History, and General Geography.*

Candidates who, though reaching the passing mark in any subject, fail to satisfy the examiners in important sections of that work, may be passed conditionally, or satisfying the examiners in such sections at a subsequent date.

Candidates who pass in one or more subjects, but fail to pass the examination as a whole, will be exempted from such subjects, should they appear as candidates on any subsequent occasion.

Candidates reaching a certain standard will be declared to have Passed with Distinction, and will be eligible for the Sir William Young and Professor's Scholarships, and the Mackenzie Bursary. (See § 5 v.)

(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 Scotia 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, and those who hold Teachers' Licenses of the First Class or Grammar School as issued by the Education Office of New Brunswick, 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 Office of other Provinces, may be exempted from the whole or from part 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 successfully completed the work prescribed for the Junior Matriculation Examination and passed satisfactory examinations thereon.

(4.) This examination will be held, at the College on September 7th—12th, 1898.

(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 second Matriculation Examination in such subjects, at a later date.

§ 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.—(For 1898.) Cicero, First Oration against Catiline; *Sallust*, Conspiracy of Catiline; *Thucyd.*, Histories, Book I; Virgil, *Aeneid*, Book VI.

(For 1899.) Cicero, Pro Milone; *Terent.*, *Agriola*; Vergil, *Aeneid*, Book VI.

GREEK.—(For 1898.) Xenophon, *Hellenica*, Books I and II; *Demosthenes*, *Philippic*, I and II.

(For 1899.) Xenophon, *Hellenica*, Books I and II; *Philo.*, *Apology* and *Oration*.

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; *Mémoires*; *Prologues*; French Reader, II Year; *Molière*; *Le Bourgeois gentilhomme*; *Les Femmes Savantes* (Grammar) (London Public School Grammar Composition).

GERMAN. Haupt: *Wörterbuch des Spanisch*, including the five tables introduced in the story (Charleston & Co.); *Wörterbuch*; German Reader, Part II; Schiller: *Wallenstein*; *Die Grammatik* (White's); Composition.

3. ENGLISH.—Language: Grammar, Analysis, Parsing, Composition: An essay on one of several sets of subjects; to be drawn from:—*Macaulay*, *Warren Hastings*; *Shakespeare*, *Merchant of Venice*; *Longfellow*, *Evangeline*; Scott, *The Lady of the Lake*. (See V & Note.)

Literature.—Eighteenth Century: *Pope*, *Addison*: Papers contributed to the Spectator; *Johnson*: *Life of Pope*, *Macaulay*; Samuel Johnson, *Diogenes*; MacFlecknoe, St. Cecilia's Day, *Alexander's Feast*; *Pope*: *Rape of the Lock*, *Essay*; *Blage in a Country Churchyard*; *Goldsmith*: *Traveller*, *Deserted Village*; *Burns*: *Two Dogs*, *Collier's Saturday Night*.

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

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

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

5. CHEMISTRY.—The elements of General Chemistry, *Emerson's Introduction to the Study of Chemistry* (Macmillan & Co.) may be taken to indicate in a general way the extent of knowledge required. 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.

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

(1.) Candidates who, though reaching the passing mark in any subject, fail to satisfy the Examiners in important sections of such subject, may be passed conditionally on their satisfying the Examiners in such sections at a subsequent date.

Candidates who are in one or more subjects but do not succeed in passing the examination as a whole, will be exempted from examination on such subjects should they appear as candidates on any subsequent occasion.

(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; and to those who hold Teachers' Licenses of the Grammar School Class, as issued by the Education Office of New Brunswick.

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 Scotia 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 all, and the same 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 7th—12th, 1898.

(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.**—(1.) The B. A. Course consists of the following Classes—Two in Latin; two in one of the following: Greek, French, German; a third in either Latin or Greek, (two classes in the language selected having been taken); two in each of English and Mathematics; one in each of History, Philosophy, Physics, and Chemistry; together with seven single classes (or an equivalent) in subjects to be selected by the student from the lists given below, and to be approved by the Faculty.—A single class is one in which two or three lectures per week are given. A double class is one in which four or five lectures per week are given. A double class is to be regarded in the choice of elective subjects as equivalent to two single classes.

(2.) The B. L. Course consists of the following classes:—Three in one or other of German or French; two in one of the following: the modern language not selected to be studied for three years; Latin, Greek; three in English; one in each of History, Philosophy, Mathematics, Physics, Chemistry; together with seven single classes (or an equivalent) to be selected by the student from the lists given below, and to be approved by the Faculty. Single and double classes are to be understood as in (1) above.

(3.) The classes not specified above, which are selected by students as part of their course, must be submitted to the President for approval at a date not later than Sept. 30, 1898.

(4.) Undergraduates in taking French or German for the first time, enter the classes for which the Professor considers them fitted. In other subjects, they enter the First or Junior classes.

(5.) The First class in Latin, Greek, French, and German is not recognised as part of the course for a degree unless the Second class is subsequently taken.

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

(7.) A sufficient number of the more purely literary, philosophical, or scientific subjects of theological, legal, medical and musical sciences respectively, are among the elective subjects, to enable the student during his course to complete part of one or other of these professional courses. Students taking Constitutional History, Constitutional Law and Contracts, and passing therein, are allowed to complete their Law Course in this University subsequently in two years (§ vi(4)).—Students who have registered as undergraduates in Medicine may complete one course medicine during their Art. Course by taking either Senior Chemistry, and Physiology, or other of these subjects with Practical Chemistry and Botany. (See Faculty of Medicine.)

(8.) The classes in the above courses may be taken in any order subject to the provisions: (1) that in any one subject, classes are to be taken in the order of their advancement; (2) that Junior Mathematics is to be taken before Junior Physics; and (3) that Junior Physics and Junior Chemistry are to be taken before Practical Physics and Practical Chemistry respectively; (4) that Junior Philosophy is to be taken before Moral Philosophy.

(9.) In the following statement, however, the classes are arranged in years to show the order in which it will generally be found most convenient to take them. The time-table of lectures and the dates of examinations are based upon this arrangement.

The details of the subjects studied in these classes will be found under Courses of Instruction. (§ 6.)

First Year.

1. For B. A.—First Latin. For B. L.—First German or First French.
2. For B. A.—Greek, or French, or German. (Undergraduates who intend in their third year to enter the 3rd or 5th Special Course, [§ vi(2)], are recommended to select German.) For B. L.—The modern language not selected as subject 1, or Latin, or Greek.
3. Junior Mathematics.
4. Junior Chemistry.
5. First English.

Second Year.

1. For B. L.—Second Latin. For B. S. 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. S.—Senior Mathematics. For B. L.—Senior Mathematics or Junior Physics.

4. Second English.

5. Junior Philosophy or (in the case of students who intend to enter the 7th or 8th Special Course, 4 year (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 or N. T. Greek. The language selected must have been taken during the first two years. For B. L.—German or French; the language selected must have been taken in the First and Second Years.

2. For B. A.—Junior Physics or (if Junior Physics have been taken in the Second Year) Junior Philosophy. For B. L.—Junior Physics have been taken in the Second Year out of subjects 4—5.

3. Junior History.

4. A. Two of the following:—

Greek.	Senior Philosophy.
N. T. Greek.	Senior Chemistry.
Latin.	Practical Chemistry.
Hebrew.	Botany.
French.	Practical Physics.
German.	Evolution—History and Theory.
Third English.	Zoology.
Constitutional History.	Theory of Music.
Political Economy.	
Religion.	

Fourth Year.

Five of the following:—

Latin.	Constitutional History.
Greek.	Constitutional Law.
N. T. Greek.	Conitology.
Hebrew.	Senior Physics.
French.	Practical Physics.
German.	Senior Chemistry.
Fourth English.	Practical Chemistry.
Theory.	Botany.
Political Economy.	Physiology.
Religion.	Zoology.
Senior Philosophy.	Theory of Music.
Education.	

§ VIII. Special Courses for Degrees.—(1.) An undergraduate shall be allowed, after completing the work recommended in § vii for the first two years of his course, 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 in 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 Professor who conducts such classes, and to pass the examinations in the subjects of such departments. He shall be allowed to omit, from the subjects of the ordinary course, certain subjects specified below, and may admit as an ordinary class 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 Courses in Classics may, in each of the Third and Fourth Years, omit any two of the subjects of those years, except Latin and Greek.

They shall be examined in the following subjects:

LATIN.

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

Plautus: Miles Gloriosus.
Terence: Adolph.
Virgil: Georgics, Books 1, IV.
Horace: Epistles, Books 1, II.; Ars Poetica.
Juvenal: Satires, VII., VIII., XIV.
Caesar: De Oratore, Books I., II., III.
Livy: Works 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:

years of their course, with 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. 1400-1680.

Books recommended.—George Fisher's *An English Reader*, Vol. II. (Lippincott's Library of England), with 512. *Modern Constitutional History* by Macaulay, Chap. VI-XIV; *History of England*, G. B. Hayswood's edition on this series; *Constitutional History* of Sir David Dalrymple; *Modern History of England*; *English Literature*, by G. B. Hayswood; *Foreign Literature*, by G. B. Hayswood; *English Constitution in the Puritan Revolution*.

(10.) Undergraduates taking the Special Course in **Philosophy** may, in each of the third and fourth years of their course, avail any one of the subjects of those years, except Senior Philosophy, which must be taken in the Third Year, Moral Philosophy, and Greek Philosophy. They are recommended to take German. They shall be examined in the following subjects :—

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

Forster : Greek Philosophy.

K. Fischer : *Descartes and his school*, Pp. 1-108, 300-376, 465-598, 641-651.

Sells (A) : Scottish Philosophy.

Forster : *Spirit of Modern Philosophy*.

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

Plato : *Theoetetus and Republic*.

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

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

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

Hume : *Human Nature*, Vol. I. with Gower's third section. Reid : *Imagery into the Human Mind*; *Intellectual Powers*, Essay vi.

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

IV. Words : Human and Animal Psychology.

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

Bosanquet : *Knowledge and Reality*.

Gruen : *Prolegomena to Ethics*.

Hegel : *Logic*, Chaps. I-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; Gaird; Cartesianism (Forster, Sells, Martinov); Spinoza.

2. History of Philosophy from Kant to Hegel. Hegel; Philosophy of History and State (as in Words' Exposition); and Logic (with Wallace's Prolegomena); Schell; Hegelism, and Personality and Form; Kant to Hegel; MarToggett; Schell; in Hegel's *Logic*.

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; Idealism—Hiller, Gilbert, Martineau; Evolutional Ethics—Spencer, Stephen, Buckley.

5. Philosophy of Religion. Logic; Philosophy of Religion, Martineau; Study of Religion, Gaird; Philosophy of Religion, Balfour; Foundations of Belief, Wainson; 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 first 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 those subjects (Wallace's Treatise on these subjects recommended). Differential Equations (selected cases), with practical application to Physical Problems (Woolsey Johnson's, or Boscia's Treatise on the subject recommended).

ADVANCED MATHEMATICS.

Editor Kinematics and Dynamics, or Thermodynamics and Electrostatics.—Three 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** should have studied German in both first and second year, and Junior Physics in their second year. In the event of their not having done so, they should work up the German in their vacations and should read the proper sections of the elements of Physics, if possible, performing experiments, before entering the Senior Physics Class. They are required, if they wish to complete the course in two years, to take in their third year 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. And they are advised to take three years rather than two to complete the course. 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 thorough original investigation, or to exhibit a high standard of excellence in the new methods and parts of the course.

The subjects of examination will be as follows:—

1. **MATHEMATICS.**—The subject of the Special Course in Pure and Applied Mathematics (11), the standard of attainment required not being so high as in the Special Course of Mathematics.
2. **MATHEMATICAL PHYSICS.**—The subjects of the Special Course in Pure and Applied Mathematics.
3. **GENERAL PHYSICS.**—As in Nichol's and Franklin's Elements of Physics (The Macmillan Co.), 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—see Glassford 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 (Clayton & Francis, vol. 1, pp. 125, 172, 258, 512, 532; Furness's Experimental Researches in Electricity (Quaritch), vol. 1, Series III, pp. vii, viii, viii. Lord Kelvin's papers on the electrodynamic qualities of Metals, Mathematical and Physical Papers, Vol. II (Camb. Univ. Press). The treatment of galvanization 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 textbook 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: Boussin's *Inorganic Chemistry*, Advanced Course, (H. Holt & Co.); *Elementary Organic Chemistry*, translated by Matthews (Blackie & Co., Van Nostrand); Vogel's *Qualities of Theoretical Chemistry*, translated by Ledson and Williams (Longmans).

(2.) Outlines of the history of chemistry. In this connection candidates will be required to have an acquaintance with the following:—Schroedinger's *Rise and Development of Organic Chemistry*, (Macmillan & Co.); *Historical Foundations of Modern Chemistry*, (Macmillan & Co.); and the essays on *Heist*, *Practical Science*, *Chemical Law*, *Levinstein*, *Grubner* and *Wöhler*, in *Goepfer's Essays in Historical Chemistry*, (Macmillan & Co.).

(3.) The following memoirs:—(a) in the *Annalen*, Phosphates and Hydroxides of Phosphoric Acid, Grubner, *Philosophical Transactions*, 1888; *Ueber die Radikal der Drogenstoffe*, Liebig and Wöhler (*Strahlend's Klassiker*, No. 24); *Ueber die Constitution der Organischen Salze*, Liebig (*Strahlend's Klassiker*, No. 25).

(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 solution not fewer than twenty inorganic compounds, and not fewer than thirty 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.**—These 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, electricity, light, 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 13F) 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 saponification of ores; the analysis of foods or of potams; the analysis of soils; water analysis or gas analysis.

§ IX. — **Attendance.**—Professors shall mark the presence or absence of students immediately before commencing the work of the class, and shall note in absent those who are unexcused, unless satisfactory reasons be assigned. The number of times absent, as recorded in the class register, which shall disqualify for the keeping of a Section, shall be determined by the Faculty.

§ X. — **Examinations.**—(1.) Students are required to appear as candidates at the various examinations held in connection with the classes which they may attend as part 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 as determined by the Professor. In the determination of the Pass List and in the award of Class Distinctions, which may be of two grades—First and Second Class, the results of these various examinations and the degree of excellence shown in theses, essays, reports, shall be taken into consideration.

General Students are admitted to the above examinations as well as undergraduates, so far as the class of the Alumni may permit; and their positions in the Pass and Distinction Lists are determined in the same way.

Candidates are listed as members of each class stating with what degree of regularity they have attended and what standing they have attained.

(2.) A student 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 subjects, at the beginning of the next Session of his attendance, on the day appointed for that purpose in the University Almanac, (Sept. 12th, 1898). He may also present himself at the ordinary (Christmas and Spring Examinations of each next Session. The fee for a Supplementary Examination, or for appearing as above provided, at the Christmas and Spring Examinations, 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.

(3.) A student who has failed either to appear or to pass at the Supplementary or other Examination provided for by (4) may, on application to the Faculty, be granted a Special Supplementary Examination at the beginning of any subsequent Session. But, if in the meantime, the student have attended a more advanced class in the same subject, he will be expected to show greater proficiency than if he had passed the examination at the proper date. The fee for a Special Supplementary Examination will be Five Dollars per subject, but if the examination includes more than two subjects, the maximum fee will be Ten Dollars.

(4.) A student who fails either to appear or to pass at a Supplementary Examination, shall not be allowed a Special Supplementary Examination in the next Session, except by special permission of the Faculty; and in cases in which such Examination is granted, the fee provided for by (5) must be paid.

(5.) Students 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 exacted with such notice.

§ XI. — **Degree with Distinction.**—Degree 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 the candidates shall attain a good standing in all their classes, will by 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 Preface as to their ability to enter with profit upon the work of the class.

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., xiv., xvi.).

(2.) **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 neither 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 (Second, Third and Fourth Classes), French (during two years), Junior Philosophy, Moral Philosophy, History, (Junior and Senior 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 those 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 similar 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.

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

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

SIR WILLIAM YOUNG GOLD MEDAL.—Founded by bequest of the late Hon. Sir William Young, will be awarded on graduation to the student who stands first among those taking High Honours in Pure and Applied Mathematics, provided he attain a standard considerably above that required for High Honours.

UNIVERSITY MEDALS.—Will be awarded on graduation to students who take High Honours in other departments than Mathematics, on the same conditions as the Sir William Young Gold Medal.

THE AVERY PRIZE.—This year, 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 § vi.

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 matriculation in the North British Society. The next competition will take place in April, 1900.

THE WATSON PRIZE.—This prize, the interest 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.

RESEARCH SCHOLARSHIPS, BURSARY AND PRIZES.

(1) *Senior.*—The following Scholarships, Bursary and Prize are offered for competition at the Tripos 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 Professor's 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 bursary 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: Competitors of the name Mackenzie, Macdon or Fraser, who obtain Distinction will be given the preference. Should no candidate of the name of

Mackenzie, Macdon 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 bursary'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 Professor's 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 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.

[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 these 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. Information will be sent 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 degrees of Master of Arts or of Letters will be conferred on a Bachelor of Arts or of Letters, respectively, of at least one year's standing and of good character, unless 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 Courses. 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 course 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.

There must be sent to the Secretary in the Faculty on or before the first of March. Examinations will be held as of course 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. Fees to be notified with notice.

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

CLASSES.

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; Anacharsis (Anacharsis, Chæcylus, Lamerides).
2. Anacharsis; Sophocles; Euripides (Alceus, Hippolytus, Iphigenia in Tauris).
3. Theophrastus; Menander; (Socks) or Virg.
4. Demosthenes (The Insubersive and the Public Oratione Speeches); Anaximenes (Against Chæcylus); Isocrates, (Panegyric); Lyias (Against Erastosthenes).
5. Plato, (Republic and Phædo); Aristotle (Ethics and Politics).
6. Vergil; Horace; Lucan.
7. Plautus and Terence.
8. Cicero, (Epistole ad Atticum, Philippicæ, De Officiis, De Finibus, Tusculana et Milianum).
9. Livy, (Books 1-10); 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 Night Examinations 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 prepare themselves in both Greek and Latin.

SCHEMES.

COURSE I.—*SHAKESPEARE*. I.—*Required*: (a) An exact knowledge of the contents, plots and characters of all Shakspeare's dramas and poems; and of their relation one to another in the order of development. Questions on textual criticism will not be set. (b) A competent knowledge of contemporary English literature and history. (c) A general knowledge of the course of Shakspeare-criticism and study from the beginning of the Seventeenth Century to the present time.

II. *Subjects of Examinations*: four papers: (1) Shakspeare's life; contemporary literature and history; source of criticism; (2) the Comedies and Poems; (3) the Histories; (4) the Tragedies.

III. *Works recommended*: (a) Texts: Deeds of Cambridge edition, Temple, Victoria or Leicard; (b) Histories: Green's *Short History*, or, French; English Notes, *The Standard Story of the Drama*; Houghton, *Tragedy in England*, Cassell; *Hamlet*, *Description of England*, *Literature of England*, Scott Library, Walter Scott; Lullwell-Phillips, *Outlines*; also, *William Shakspeare* (Bell); (c) Comment: Dowden, *Shakspeare's Prose*, *Mind and Art*; Rieu, *Shakspeare as a Dramatic Artist*; Arscott, *Shakspeare*; Leitch ed., *Shakspeare's Preface*; Lang, *Introduction to the Comedies*; Hargreave's *Monthly Magazine*, v. 2; Saintsbury, *Shakspearean Literature*.

COURSE II. *TEMPSON*. I.—*Required*: (a) A consistent knowledge of the chief English authors and their works, and of English history, from 1550 to 1850; (b) An exact knowledge of the circumstances of Tempon's life and literary activity; (c) A minute and critical knowledge of the text (including sources and variants of Tempon's complete works, special attention being paid to the poems mentioned as subjects of examination).

II. *Subjects of Examinations*: four papers: (1) Tempon's life, contemporary history and literature; (2) The poems of 1580, 1582, 1582 (mainly); (3) *The Works of the King, and The Princess* (mainly); (4) *The Faerie and Belinda, and The Amaranth* (mainly).

III. *Works recommended*: Biography: *Afford*, *Lord Tempon, a Memoir*; Saintsbury; *Nineteenth Century Literature*, Macaulay; *History of Great Britain*; *Shakspeare, Victorian Period*; *Temton*, *English Literature*, M. vi. Ed. Fitzgerald, *Letters*, *Temton*; *Macaulay's* own vol. ed., complete; *Comment*; Brooke, S. A., *Tempon, His Art and Relation to*

Modern Life; Van Dyke, H., *The Poetry of Tennyson*; Dawson, R. K., *A Study of the Poems* (2nd ed.); Kipling, K., *Studies in the Idyllic Poetry*; *Modern Poetry* (Kipling ed.); Heming, J. F., *Tennyson's "In Memoriam"*; Essays; Dappert, W., *Walt Whitman, Tennyson and Browning*; Brinkley, C., *Alfred Tennyson's Poems*; Dowden, E., *Mr. Tennyson and His Poetry*; Linton, H. H., *Tennyson*; Wagnley, C., *Tennyson*; Nash, B., *The Poetry of Tennyson*, *Chaucer*, Nov., Feb., 1886; Chetnam, S., *The Idyllic Poetry*, *Chaucer*, Nov., April 1888; Swinburne, A. C., *Tennyson and August*, *Poet*, Nov., Feb., 1884; *Understanding Tennyson*, *Nineteenth Cent.*, Jan., 1888.

GERMAN AND OLD ENGLISH.

German: Grammars: Wachholz and Döhring; *Hart, P. I., **Ulysses in Turin*, *Lesser*; *Life of Goethe*, Schäfer; *Lehrbuch der Germanischen*, *Waldmann's Tod. Carlyle*; *Life of Schiller*, *Lausing*; **Missa v. Bernhahn*.

Old English: **Grammar*; *Shoemaker's Book II*; **Drift*; *Anglo-Saxon Reader*; *AcFrie*; *Shoemaker*, *Clax. Press*; **Gravel of Lake*, *Clax. Press*; *Reynold's*, *Vol. II*, &c.

PHILOSOPHY.

COURSE I.—(a) *Spinoza's Ethics*; *Hegel's Logic*. A knowledge of the history of Philosophy from Descartes to Spinoza, and from Kant to Hegel presupposed. (b) *Psychology of Feeling and Will*. The candidate is expected to consult the writings of Rein, Spencer, James, Baldwin, Todd, Titchener, Wundt, Külpe, Elliot, Münsterberg, Meacham and Ward on the subjects.

COURSE II.—This course contains the following subjects:—(a) *Kant's Philosophy*; (b) *English Ethics*; (c) *Philosophy of Religion*. The candidate is expected to show an exact knowledge of *Kant's Critique of Pure and of Practical Reason*, (as contained in Watson's selection); the *Development of Ethical Theory in Great Britain*, from Hobbes to Green, Hobbes, Locke, Shaftesbury, Hume, Berkeley, Butler's Sermons, Mill's Utilitarianism, Spencer's Data, Green's Prolegomena, Martineau's Principles, Watson's *Religious Theories*, Caird's *Introduction to Philosophy of Religion*, Lotze's *Philosophy of Religion*, Baileys' *Foundations of Deist and Pöth's Theism*.

COURSE III.—This course contains (a) *Development of Modern Philosophy from Locke to Kant*; (b) *Philosophy of Mind and of Religion*. The candidate is expected to show an exact knowledge of *Locke's Essay*, *Buckley's Principles and Siris*, *Hume's Treatise*, *Kant's Inquiry*, *Watson's Selections from Kant*, *Watson's Course III* and *Spencer*, and *Stech's Scottish Philosophy*, *Martineau's Republic*, *Aristotle's Ethics*, *Butler's Sermons*, *Mill's Utilitarianism*, *Spencer's Data*, *Green's Prolegomena*, *Caird's Philosophy of Religion*, *Stech's Theism*.

§ 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 § XXV.

§ XXIII.—**Academic Costume.**—(1) Undergraduates and general students attending more than one class are entitled to wear caps and gowns, and to wear the gowns at lectures and all meetings of the University. The colors prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black teacher with hood.

(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 hood with white silk and bordered with white fur.

M. A.—Black stuff hood 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, (including 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

*Woods marked thus are used in class.

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	10 00
Supplementary Examination Fee, payable on giving the notice required by § X. (7) either READ in each subject, or § X. (4)	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 fee shall be as follows:—	
* Fee for the B. A. or M. A. Examination, which is payable by candidates before the Spring Reunions of the Fourth Year	\$ 5 00
* Fee for B. A. or M. A. Examination, which must accompany the Thesis or Dissertation of intention to appear for examination	10 00
Fee for B. A. or M. A. <i>Fortiendium graduum</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 fee.

Faculty of Pure and Applied Science.

THE FELLOWS, etc. of the

G. MANNING, M. A.	J. LEITCH, A. M.
J. C. MATHISON, D. SC.	A. MACMURDO, Ph. D.
V. MANNING, D. Sc. D. E.	H. CHASE, F. A. S. S.
F. W. W. THOMAS, C. E.	C. E. W. DODDRELL, B. A., C. E.
R. MERRILL, M. Com. Sci., C. E.	W. C. MURRAY, M. A.
A. MERRILL, Esq.	J. W. T. LITTLE, B. A., M. D.
L. M. GILLES, M. B.	R. A. MORTON, M. A.
C. ARCHIBOLD, M. B.	ALFRED GARDNER, M. B.
H. W. JOHNSON, C. E.	W. T. KENNEDY, Esq.
G. J. MILLER, Esq.	H. MANNING, Ph. D.
A. HASTINGS, M. A.	

Dean of the Faculty: PROFESSOR MANNING.
 Registrar of the Faculty: PROFESSOR THOMAS.

Correspondence should be addressed to—The Dean of the Faculty of Science,
 Williams College, Williamst., N. Y.

§ XXV.—Courses of Instruction.

1. MATHEMATICS.

Professor

Junior Class.

Daily, 11 A. M. — 12 M.

As in the Faculty of Arts (see § XVII, p. 59)—Undergraduates of this Faculty, taking Courses A, B, K, F, G, or H of XXV will be expected both to qualify themselves by diligent study for taking, and to take, the additional work for Distinction.

Senior Class.

Daily, 10 — 11 A. M.

As in the Faculty of Arts (see § XVI, p. 29)—Undergraduates of this Faculty taking Courses A, B, K, F, G, or H of XXV will be expected both 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 in 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. 50). 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 science of the B. Sc. Courses (LXXX) consists of a portion of the work of the First Division in Analytical Trigonometry, Analytical Geometry, and the Differential Calculus.

The "partial course" prescribed in the fourth year of such Courses, consists of a portion of the work of the Second Division in Analytical Geometry, Differential and Integral Calculus and Differential Equations.

B. PHYSICS.

Professor.....E. G. MACKENZIE, B.Sc.

Mondays, 4 P. M., Tuesdays and Thursdays,
11 A. M. to 1.

The subjects of the lectures will be:—The Elements of Dynamics; the Properties of Solids and Fluid Bodies; Heat; Electricity and Magnetism; Light and Radiation; Heat and Sound. These subjects will be treated in an elementary manner, the mathematical knowledge assumed being no greater than may be required in the Junior Class.

Double 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 Treatise on Physics (W. E. B. Stewart, Edinburgh), in connection with the lectures. Those who wish to make a study will be expected to read only such portions as concern subjects treated in class. Those who aim at Distinction will be expected to read the treatise in its totum and other books recommended by the lecturer on all subjects referred to in class, as well as to acquire considerable power of applying principles to practical problems. Students taking courses B, C, or D, will be expected to read the chapters on Optics in Stewart and Helmholtz Applied Mechanics (Harcourt & Co.).

Senior Physics Class.

Mondays and Wednesdays, 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 Junior Class.

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

In 1898-99. The Kinematics and Dynamics of a particle, of a rigid body, and of elastic solids and fluids. The Professor's Kinematics and Dynamics (Stamilton & Co.) will be treated 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 1899-1900. Lects. including a discussion of heat engines, and Electricity and Magnetism, including a discussion of dynamo-electric machines. Maxwell's Theory of Heat (Lampman, Green & Co.), and Professor of Thomson'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 give special attention to the solving of problems. Lecture-room Logic and other Heat Engines (Camb. Univ. Press) and Thompson's Dynamo-electric Machinery (Spon) will be used as books of reference in the lectures on industrial applications.

Advanced Mathematical Physics Class.

As in the Faculty of Arts (see § 1 (viii), p. 52). The "partial course" of study in this class in the fourth year of some of the B. Sc. Courses (LXXX), consists of the following subjects:—

For 1898-99: Either Thermodynamics or Electrodynamics.
For 1899-1900: Kinematics and dynamics of a particle and of a rigid body.

Advanced Experimental Physics Class.

As in the Faculty of Arts (see § 1 (viii), p. 52).

Practical Physics Class.

As in the Faculty of Arts (see § 1 (xiii), p. 55). Students taking Course B (see LXXX) will devote a considerable portion of their time to physical-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, J, and G, to the elastic properties of bodies and thermal and electrical experiments; and those in course H, to electrical measurements.

III.—CHEMISTRY.

(McLeid Professorship.)

Professor.....E. MACLEID, Ph.D.

Junior Chemistry Class.

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

The lectures in this class deal in an elementary way with the principles of general chemistry. In the earlier part of the course the chemistry of fire, of water and of air is studied, the order of historical development being followed as nearly as possible; and when some acquaintance with chemical facts has thus been gained, the fundamental laws of combination are taken up and the chemical theory and chemical formulae are explained. This is followed by a study of chlorine and oxygen 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 lattices 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 general 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: Rose's *Introduction to the Study of Chemistry* (Macmillan & Co.) or Sherrill and Under's *Elementary Chemistry* (Macmillan Book Co.). In the laboratory, Rose's *Introduction to the Study of Chemistry* is used.

Senior Chemistry Class.

Readings and Recitations, 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, Rose's *Coursebook of Chemistry* (Macmillan & Co.). In inorganic chemistry references are given in text-books in the library.

Advanced Chemistry Class.

One hour weekly.

The subjects treated in this class will be:

In 1898-99.—History of chemical theory.

In 1900-1901.—Methods of quantitative analysis.

A part of the time of the class will be given to the study of such portions of the reading prescribed in the Special Courses 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 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, aluminum, 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.

ASSAYING.

The work of this course will include the assay of ores of the principal metals in the way usual, 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 accommodates about eighty 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 3 p. m., and from 3 to 5 p. m. on Tuesdays, Wednesdays and Thursdays.

IV.—MINERALOGY.

Lectures..... E. MCKAY, Ph. D.

Readings and Recitations, 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 McCallister 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 determination 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: William Clemons of *Crystallography* (R. Holt & Co.); Bevan, *Minerals and How to Study Them*, and *Manual of Mineralogy* (Wiley & Sons).

V.—APPLIED MECHANICS.

Lectures..... J. C. BASTHORN, Ph. D.

Readings and Recitations, 10—11 A. M.

The object of this class is to study the practical application of Dynamics. 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 1904-05. **Review of the Principles of Statics.** The Theory of Structures, including the equilibrium and stability of beams, frames, trusses, and girders; of chains, cables, and ribs, and of abutments, rafts, 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 practiced. **Hodgkin's Elements of Statics** (Macmillan & Co.) being used as text book. Other books, such as **Herrick's Applied Mechanics** (Macmillan & Co.) and **Lehr's Applied Mechanics** (J. Wiley & Sons) will be used for reference.

In 1905-1906. **Review of the principles of Dynamics.** The Mechanics of Machinery, including (a) Kinematics: relative velocities and accelerations; velocity and acceleration diagrams; link-work, wheel-teeth, belts, cranks, the screw, cam mechanisms, bevel and screw gearing, parallel motion, etc. (b) Dynamics: equilibrium of mechanisms, force and work diagrams, inertia of moving parts, fly-wheels, governors, friction. (c) Kinetics: production, transmission, and measurement of power; prime movers.—**Keown's Mechanics of Machinery** (Macmillan & Co.) will be used as text book, being supplemented by reference to other works, such as **Cottrell's Applied Mechanics** (Macmillan & Co.).

Students will be expected to acquire considerably 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..... C. A. Shewart, M. A.

This course of lectures will include the following subjects: **Plane Geometry:** construction of solids, 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: **Amey's Geometrical Plans** (Dent and Proctor), **Milner's Descriptive Geometry**, **Practical Geometrical and Art Drawing**.

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 in close touch with students preparing for Science Bursarships in Schools.

The classes in **Mechanical Drawing**, including **Practical Geometry**, **Descriptive Geometry**, **Projection of Lines**, **Planes and Solids**, **Sections by Planes**, **Developments**, **Formulations**, **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. HENRY, D. Sc., C. E., *Practical Engineer.*

Once a fortnight.

The subjects treated will be—**Materials and Constructions:** **Rath 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.

Lecturer..... J. D. McCall, M. Com. Eng. C. E., *Asst. Prov. Engineer.*
..... H. W. JORDAN, U. 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 Station, (3) Road traverse with Compass, Sextant and Chain, (4) Road traverse with Transit and Chain, (5) Compass Survey, (6) Survey with Transit and Level, (7) Cross-sectioning with Level, (8) Cross-section levelling with hand level and levelling rods, and (9) Ranging Curves.

Senior Class.

Three 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 lecture will not be given, but the student will pursue a course of reading under the supervision of the Lecturer.

x.—MINING.*

Lecturer..... J. E. GILPIN, JR., A. B., LL. D.
C. J. STEPHENS, M. E.
ALFRED W. DORR, M. E.

These 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 Ore and Coal.

Foot Note (preliminary Ed.): RAILROAD MINING: Analysis of Yards on Coal Mines; A Mine and its Shaft, How to Work; How to Manufacture Wood; Minerals of Commercial Importance; Geologic Outlook of 1914; Geology; Illinois;—Essential to Mining.

xi.—HYDRAULIC ENGINEERING.*

Lecturer..... J. E. W. DOWELL, B. S., E. L. 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: in cities and towns; Quantity and quality necessary; Rainfall, watershed, springs, wells, lakes and rivers; Storage of water of natural and artificial reservoirs; Measuring weirs and stream gauging; Filtration and other methods of treating impure water; Construction of dams of stone, earth and timber; Details of Construction of a town supply; Mains and distribution pipes, leaks, weight, strength, methods of installing, covering and laying; Valves, hydrants, &c.; Pumping engines.

Turbines and water-wheels.
River improvements.

xii.—MUNICIPAL ENGINEERING.*

Lecturer..... J. W. W. DOANE, C. E.

Once a fortnight.

The subjects treated will be:—Streets,—laying out, opening, formation, sidewalks, paving, cleaning, sprinkling, street railways, electric trolleys, &c.; works of sewerage—sewers, underdrains, foundations, sectional forms, manure, 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 be a sufficient number of students to form a class in this subject, the lecturers will be given, by the absence will permit a course of reading under the supervision of the Lecturers.

xiii.—BOTANY.

Lecturer.....

Readings and Translations, 7-2-30 P. M.

The course in Botany will include a general sketch of the whole vegetable kingdom (from the Protocytis to the Amphibryal) with microscopic and microscopic demonstrations of type forms illustrating the various, developmental, 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 increased 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, essential to them, together with their original 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, needles and other apparatus or books necessary to each student, must 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 some original 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.—ZOOLOGY.

Lecturer..... A. THOMAS, M. D.

The work of the class will consist of a course of lectures supplemented by practical work.

The following subjects will be treated of in the lectures:—Organic and inorganic bodies; Life, Vital Action, &c.; Differences between plants and animals, Morphology, Physiology, Differences between Animals, Specialization of functions, Morphological Types, Von Baer's Law of Development, Origin of Species, Homology, Analogy, Heredity, Evolution, Biogenesis in Time and Space, Evolution, Classification. Also the general characters of the several sub-kingdoms will be treated of as fully as possible.

The practical part of the course will consist of Dissections by students themselves and demonstrations microscopic, &c.

The object of the class will be to give such a comprehensive idea of the Animal Kingdom, as will form a good basis for

any one wishing to prosecute a full further the study of Biology or Comparative Anatomy and Physiology.

The course will be given only provided a sufficient number of students join the class. It will probably meet for two consecutive hours on one day a week, one hour being devoted to lecture and the other to practical work and demonstrations.

Students intending to take the class will have to acquaint themselves with the following articles—*1* pale ferrea; *1* pale sulfuris; *1* or *2* dissecting needles and knives, a razor and a small hand lens.

The total cost of these articles will be about \$3.00. As they will not be required for the first week or two they need not be purchased till the opening of the class when more information will be given.

Text Book: Mackay's Zoology, 2d Ed., Reference Text Book: A Synopsis of Zoology and Invertebrates, Buxley, 1 vol; Text Book of Zoology, Chase & Sedgwick, 1 vol.

xv. 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 10—12 a. m., and for part of the Session on Tuesdays at 5—6 P. M. for Embryology. The fee for the course is \$25.00.

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 accept a certificate of having passed the examination of the Faculty of Medicine or to pass an examination conducted by the Registrar of this Faculty. In the latter case a fee of \$2.00 is to be paid to the Examiner.

xvi.—HISTOLOGY.

The University provides no instruction in this subject, but the class conducted by Professor G. B. 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 \$5.00.

xvii.—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. B., 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, 2.30—5.30 and 8—10 P. M.; fee \$25.00.

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 \$5.00 is payable, which covers both written and oral examination.

xviii. MENTAL SCIENCE.

Professor:..... Walter C. Murray, M. A.

The class in Mental Science is that known in the Arts Faculty as Junior Philosophy (21 (8), p. 27.)

The aim of the course in Logic is chiefly disciplinary. In the Psychological course experiments will be introduced as much as possible and merely for purposes of illustration but also to supply data for induction of psychological laws. Special attention will be given to the relation of Psychology to Educational methods.

Text books: Socrates on Logical Topics; Thomas; Outline of Psychology or Primer of Psychology; James Psychology; Huxley Course, Psychological; Aristotle in Aristotle; Sully's Teachers' Handbook of Psychology; Marston's Psychology for Teachers.

xix.—EDUCATION.

Class of Theory and History.

Lecturer:..... (Prof. W. C. Murray, M. A., Ph. D., Halifax, N.S.)

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 kind, 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: Socrates' Education; Locke's Treatise on Education; added by B. H. Spalding, Locke's Theory and Practice of Teaching; James' Principles of Education; Tenison's Lectures; and Lyell's Middle Method; Locke on Education; Socrates' Symposium on Education; and Spencer's Education (Principles of Education, P. 1, 2, 3, 4); Huxley's Science of Education; Newhall's The Art of Education; Withington's Address on Education; Lockhart's The Education of the People; and Education; Arnold's Call and Answer.

(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.

Other courses useful: Gregory: History of Education; Orlitz: Educational Methods; Bushnell: Educational Theories; Palmer: History of Education.

Class of the Practice of Education.

Lecturer: ALAN MCKAY, B.S.
..... W. T. KENNEDY, B.S.

The work of this class will consist of: (a) Lectures on School Management and School Law by Prof. 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. (XXXX) will be required to spend at least 100 hours in practical work under supervision approved by the Faculty. Those who take the class as part of the Course for the Diploma of Liberal Education (XXXXX) will be required to spend at least 200 hours in practical work.

Text Books: Numerous examples of Method; First Lecture by Teacher; McHenry's School Method; The School School Management; School Law of Nova Scotia, 1912.

XX.—THEORY AND HISTORY OF MUSIC.

The classes in the Theory of Music conducted in the Halifax Conservatory of Music by Mr. C. H. Porter, Director, and Mr. F. Galwey, and those in the History of Music conducted by Rev. R. Faine, M. A., are recognized as qualifying for the degree of Bachelor of Music. In the Theory, the course extends over three years, in the History over two. Information as to details of subjects studied in the classes, text books, &c., may be obtained on application to the Secretary of the Conservatory.

xxi.—ENGLISH.

Professor: ARTHUR W. RICHMOND, Ph.D.

As in the Arts Faculty, (§ 1 (iv), p. 25)

xxii.—FRENCH AND GERMAN.

Professor: J. LOUWER, M. A.

As in the Arts Faculty, (§ 1 (iv), p. 25)

§ XXVI.—The Academic Year consists of one Session. The Session of 1898-99 will begin on the 7th September, 1898, and end on the 25th April, 1899.

§ 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 (§ 3 (ii), p. 26).

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

(1.) The regulations for the admission of students to the course of study leading to this degree are the same as in the case of the B. A. and B. I. degrees in the Faculty of Arts (§ 1 v, 2-4, p. 27).

(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 course 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 science courses in this Faculty, is the same as that prescribed for candidates for entrance into the first year of the B. I. 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 (§ 6 (iv), p. 27).

(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 (§ 4 (vii)). 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. 29).

§ 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 these 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 Engineers 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 (XXX.). Classes in 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.) Junior Mathematics.
- (2.) Junior Chemistry.
- (3.) For A, B, F, G, H, Drawing. For C, D, Solany.
- (4.) First English.
- (5.) French.
- (6.) German.

Undergraduates in Courses C and D are required to present on entering their Second Year, either a report upon microscopical 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.) Senior Mathematics.*
- (2.) Junior Physics.*
- (3.) For B, C, D, Senior Chemistry. For A, E, F, G, H, Practical Chemistry.
- (4.) Drawing.
- (5.) Second English.
- (6.) For B, D, French or German. For A, C, F, 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), Zoology.
- For D.—Practical Physics; Advanced Practical Chemistry; Mental Science; French or German; Zoology.
- For E.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Drawing; Surveying; French or German.
- 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 or German.

* Undergraduates taking Courses A, E, F, G, H, and those taking B, if they are to enter the Special Course in Chemistry and Applied Physics, are given special attention to Mathematics in the second year. Undergraduates who do not desire to matriculate in the second year, including the under-graduates who do matriculate, may not yet be allowed to enter the Advanced Mathematical Course in the third year. Undergraduates taking the above courses are required also to take the additional work for Honours in the Junior Physics Class.

For C.—Advanced Practical Chemistry or Practical Physics; Mineralogy; Physiology; Drawing; French or German; Extension (Practical).

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 R.—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 transfer 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, secure to the Faculty its warrant and 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 Courses provided in the subjects of such department (see § XXX.), to make progress satisfactory to the Professor who conducts such classes, and to pass at the end of the fourth year, an examina-

tion 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, B, E, 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 Analytical 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 § VII (1) p. 49).

(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 in the first year. They are required in their third year to take Advanced Mathematics, Senior Physics, 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 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 impure 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. 50.

(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 courses:—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 (§ 81 (13) p. 51).

§ XXXII.—Attendance.—The regulations as to attendance are the same as in the Faculty of Arts. (See § 15, p. 52).

§ XXXIII.—Examinations. The regulations as to Examinations are the same as in the Faculty of Arts. (See § 7, p. 52).

§ XXXIV.—The Degree of B. Sc. with Distinction will be conferred on the same conditions as the corresponding degree in the Faculty of Arts (§ 81, p. 53).

§ 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 conditions as the corresponding degree in the Faculty of Arts (§ 81, p. 54).

§ 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 courses 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, Principles of Education, Practical Chemistry, Practical Physics, Mineralogy, Physiology, Botany, Zoology, 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 New South Wales Education Office.

(b) They must pass satisfactory examinations in the subjects of the classes mentioned above, and receive the favourable 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 50 lessons in Manual Training, and of having acquired proficiency both in this subject and in School Music (Tonic-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 *honours course*. It is as follows:

FIRST YEARS.—Latin; English; French; Mathematics; Junior Chemistry.

SECOND YEARS.—Junior Physics; Senior Chemistry; Medical 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 (Junior and Senior); 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 (Junior and Senior); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Applied Mechanics (Mechanics of Machinery); Hydraulic Engineering.

(c) **MINING ENGINEERING.**—Mathematics (Junior and Senior); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Applied Mechanics; Chemistry; Practical Chemistry; Mineralogy; Mining; Surveying; Civil and Hydraulic Engineering.

(d) **ELECTRICAL ENGINEERING.**—Mathematics (Junior and Senior); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Practical Physics; Applied Mechanics (Mechanics of Machinery).

§ XXXVII.—**Classes for Artisans.**—*Classes* are organized free 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.—**Medals, Prizes, and Matriculation Scholarships.**—The Sir William Young Gold Medal, the University Medals, and the Sir William Young and Professor Scholarships and Mackenzie Bursary (awarded at matriculation) are open for competition to undergraduates of, or candidates for matriculation in, the B. Sc. courses of this Faculty. See §§ 5, 25, 35, 37, 38.

§ 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, 1896, and 1898 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 1900.

These Scholarships are of the nominal 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 were the conditions of nomination in 1898:

(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 nomination 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, a special knowledge of departments of Science closely related to that in 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 the 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 continuation 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, on account, approved of by the Scholarships Committee, of an adequate research.

(3) 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 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 at 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, if the scholar study in America; but it is to 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 form are correct, and I undertake that, if a Science Research Scholarship is awarded to me, I will hold it subject to the conditions last set forth by the Messrs. Commissioners for the Exhibition of 1884, with reference thereto, and will, during the 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 1st day of February, 1906. In making such application they must furnish a statement of the following particulars—

(a) Name and address.

(b) Age and birth-place.

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

(d) 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 course 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 verify 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 set on the University records.

This age, attendance at other Universities or Colleges, and records 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—xx, p. 87).

§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 engineer, approved for this purpose by the Faculty, showing that he has been engaged in practical work in some one department of engineering under their supervision for a period of at least two years, and that he has exhibited satisfactory diligence and progress. A part, or the whole, of this time may be spent in any approved Engineering School which possesses workshops or testing laboratories.

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

(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, approved or approved by the Faculty, of about the extent necessitated by the scientific work of one year of the B. Sc. Course. In the latter case no fixed course 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 any 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 regularly 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 presenting 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 examination, without payment of fee.

§ XLIII.—Degree of Bachelor of Music (B. Mus.).

—(1) The regulations for the admission of students to the course for this degree are the same as in the case of the other degrees in the Arts and Sciences Faculty (§§ IV, XXVII.)

(2) The course of study for this degree is intended to extend over three years.

(3) Persons who have completed a portion of the course at other colleges, approved by the Faculty, will be admitted to such advanced standing as the subjects which they have studied may seem to the Faculty to warrant.

§ XLIV.—Matriculation Examinations. (1) The

Matriculation Examination is intended to ensure the possession on the part of candidates for the degree, of a good general education. It should in general be passed before entering upon the course of study, but may be deferred until the beginning of the second year, with the approval of the Faculty.

(2) The subjects of the Examination are the same as those prescribed for the Matriculation Examination of the B. L. course in the Faculty of Arts (§ V, p. 37.)

(3) The regulations as to exemptions and dates are the same as in the Junior Matriculation Examination of the Faculty of Arts (§ V, p. 37.)

(4) Students may gain entrance to the second year of the course by passing the Matriculation Examination, and the examinations in the subjects recommended below to be taken in the first year.

§ XLV.—Course of Study for Degree of B. Mus.

—The course of study includes besides English and Arithmetic the following subjects:—Harmony, Counterpoint, Canon and Fugue, Form, and History of Music, for two years in each case, Instrumentation and Analysis of Scores for one year.

Candidates are required besides attending the courses of instruction in the above subjects to (1) perform the required class exercises and passing the Examinations, to compose themselves the exercises specified below and to give evidence of their ability as musical performers by playing before one or more of the Examiners, on the Piano-forte or Organ (pipe) the pieces of music mentioned below.

(2) The classes in the above subjects need not be taken in any one definite order and may be extended over more than three years, but students are recommended to take them in the following order:—

FIRST YEAR.—(1) Harmony in not more than four parts; (2) History of Music from 1600 to 1750; (3) Acoustics in so far as connected with the Theory of Music; (4) English.

SECOND YEAR.—(1) Harmony in not more than five parts; (2) Simple counterpoint in two or three parts; (3) Canon in two parts, Imitation and Fugue in not more than three parts; (4) Form; Elementary Forms, Phrases, Periods, Open and Closed Forms; (5) Elements of Instrumentation; (6) History of Music from 1750 to present time; (7) English.

THIRD YEAR.—(1) Single and Double Counterpoint in not more than five parts; (2) Strict and Free Fugue in not more than five parts; (3) Form; Binary Form, Ternary Form, Rondo and Sonata; (4) Analysis of certain prescribed scores.

Exercises to be composed by the candidate: (a) A solo song with piano-forte accompaniment; (b) A four part vocal composition; (c) An instrumental composition (other than a dance) for Piano-forte, Organ, or other stringed or wind instruments with Piano-forte accompaniment.

The final examination in the practice of Music will include the following:

For the Piano-forte.

Triadic and Quads in all minor.....	Mendelssohn.
12 major Sonatas (Waldstein).....	Bethoven.
A 2 major Polonaise.....	Chopin.
11 2 major Nocturns.....	"
Concert-Étude No. 1, (Waldenschen).....	Liszt.
Rhapsodie, No. 12.....	"

For the Organ.

Triadic and Fugue in B major.....	Bach.
Sonata in D minor (solo form).....	Merkel.
Air with Variations and Fugue in A.....	Sauer.
Third Organ Sonata.....	Mendelssohn.

§ XLVI. **Admission ad eundem gradum.**—Graduates in Science or in Music of Universities approved by the Senate, who have received their degrees in some, may 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.

§ XLVII.—**Academic Costume.**—Undergraduates and general students attending more than one class, are entitled to wear caps and gowns. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves, and the black teacher with cassock.

Bachelors of Science, of Engineering and of Music, 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 B. Mus.—Black stuff, with a lining of white silk bordered with lavender 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 petition of the Senate.

§ XLVIII.—**Fees.**—The regulations as to fees payable by students for courses conducted in the College shall be the same as in the Faculty of Arts (see § XXIV, p. 81.) For extra-annual 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, § xxx.

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 before the Examinations for B. Mus. in each year of the Course	10 00
Fee payable on application for Degree of B. Mus. at end of Course	20 00
Fee payable on application for the M. Sc. Degree	10 00
Fee for an ad eundem 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, (ex-officio),

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

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

C. STURDY HARRINGTON, Q. C.

GEORGE BUCKLE, LL. B.

LESLIE BROWN, LL. B.

CHARLES H. CARAN, B. A., LL. B.

Dean of the Faculty—PROFESSOR WELLES.

Secretary of the Faculty—PROFESSOR BROWN.

§ XLIX.—Courses of Lectures.

The following Courses of Lectures to be given in the Session of 1898-9, will begin on the 31st of August, 1898, and end on the 19th of February, 1899.

CONSTITUTIONAL AND INTERNATIONAL LAW.

(George Munro Professorship.)

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

CONSTITUTIONAL LAW.

Two lectures per week.

Subjects of lectures:

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

CONSTITUTIONAL HISTORY.

Two lectures per week.

Subjects of lectures:

Fundation 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: Theophil Tompkins'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 foreigners. The effect of foreign judgements. *Soleus 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. Rumanisation. Piratation. Blockade. Contraband. Intervention. Captives. Prize Courts.

Text book: Hall's *International Law*.

CRIMES.

Lecture..... Professor WILSON.

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.

Lecture..... PROFESSOR WILSON.

Subjects of lectures:

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

CONTRACTS.

Professor:..... R. ROBERTS, M. A., B. C. L., Q. C., M. P.

Two lectures per week.

Subjects of lectures:

Definition of contract; 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. Unenforceable agreements; mistake, fraud, duress, &c. Discharge of contracts, rescission, performance, payment, release, merger, &c. Leading cases.

Text Books: Finch's *Cases*, and *Ames on Contracts*.

EQUITY JURISPRUDENCE.

Lecture:..... PROFESSOR ROBERTS.

One lecture per week extending over two years.

Subjects of lectures:

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

Text book: Smith, B. A.

SALES OF PERSONAL PROPERTY.

Lecture:..... PROFESSOR ROBERTS.

One lecture per week.

[1898-99.]

Subjects of lectures:

Capacity to buy and sell. Executed and executory contracts of sale. Statute of Frauds. *Lease Yesterday's Act*. Sales as to passing of property. Incorporeal of *jure divinum*. Stoppage in transitu. Condition. Warranty. Express and implied. Remedies of seller and buyer.

Text Book: *Benjamin on Sales*.

NEGOTIABLE INSTRUMENTS.

Lecture:..... PROFESSOR ROBERTS.

One lecture per week.

[1899-1900.]

Subjects of lectures:

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

Text Book: *Benjamin 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: *General on Evidence*; *Indian Act and Rules*.

PARTNERSHIP AND COMPANIES.

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

One lecture per week.

[1899-1900.]

Subjects of lectures:

Constitution, Liability of partners *inter se* and to third persons, Charge of firm, Retirement of partners, Dissolution, Mining ventures, Joint-stock Companies, Canada Joint-stock Companies Act.Text Books: *Leading on Partnerships*.

REAL PROPERTY (First Year).

Lecturer.....MR. GEORGE STRONG, LL. B.

One lecture per week.

Subjects of lectures:

Estate in Land, Subin, Limitation of Present Estates in Land, Limitation of Future Estates in Land, Powers, Rule in *Shelley's case*, Rule against Perpetuities, Uses and Enjoyment of Different Estates in Land, Nature of Rights.Text Books: *Tracts Digest of Property in Land*, Parts I and II, and *Gro's Leading Cases*.

WILLS.

Lecturer.....MR. GEORGE STRONG, LL. B.

One lecture per week.

Subjects of lectures:

WILLS.—History of Wills, Making of Wills including Fraud, Mistake, Undue Influence, Contingent and Conditional Wills, Form and Execution of Wills, Revocation of Wills, Revival and Republication of Wills, Special Limitations and Conditions in a Will, their effects and locality, Office of Executor and Administration, Estate of Executor and Administration, Debts of Deceased, Devisees, Legatees.

PRACTICE AND PROCEDURE.

Lecturer.....MR. HECTOR McPHER, LL. B.

Subjects of lectures:

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

Candidates for the degree of LL. B. are not required to attend lectures or take the examination in Procedure.

TORTS.

Lecturer.....MR. CHARLES H. CARLE, B. A., LL. B.

One lecture per week.

Subjects of lectures:

Definitions, Torts considered with reference to Crime and Contracts, Defam. Slander and Libel, Malicious Prosecution, Conspiracy, Assault and Battery, False Imprisonment, Kidnapping and Seduction, Trespass to Property, Conversion, Violation of Water Rights and Rights of Support, Nuisance, Negligence.

Text Books: *Bigsby*, or *Palfray*.

§ L.—The Academic Year.—The Academic year consists of one session. The Session of 1898-99 will begin on the 30th of August, 1898, and end on the 17th of February, 1899.

§ LL.—Admission of Students.—(1.) Students may enter the University by (a) furnishing 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) paying the Matriculation Examination of the Arts Faculty or a recognized equivalent, (b) producing certificates of Artificed Clerkship or the like in cases where they rely on having passed the preliminary law examinations in their several provinces, and (c) entering their names on the Register as Under graduates.

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

§ LII.—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 attain at least three eases in the West 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 or the Dominion of Canada, in Newfoundland, or in any of the British West India Islands, shall be admitted to the standing of Undergraduates of the First Year in the Faculty of Law, without passing any examination.

Students presenting themselves for the first time for registration as undergraduates in law must submit to the Dean their diploma or certificate to establish their qualifications as graduates, undergraduates, or enrolled law students, respectively. Without such diploma or certificate students cannot be registered as Undergraduates in law.

(3.) Undergraduates of other Law Schools may, on producing satisfactory certificates of standing, be admitted to similar standing in this Law School if they are found qualified to enter the classes prior to their year. 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 other classes.

(4.) Graduates in Arts who have taken the classes of Constitutional History, Constitutional Law and Contracts, or an equivalent, 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.

§ 1411.—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. | 6. Wills. |

Third Year.

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

The Faculty urgently recommend that students devote their whole time during Sessions to the work of the School, exercises having proved that students who undertake other 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 being regular office work during session, will find it quite impossible to pass with credit the required examinations.

§ 1412.—**Sessional Examinations.**—(1.) The Sessional Examinations will begin next Session on February 11th, 1889.

(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 two subjects at 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 22nd, 1888.

(6.) The Supplementary Examination for the present year will begin August 30th, at 3 p. m. Fee \$5, payable on the day of the Examination.

§ 1413.—**Moot Courts.**—Moot Courts will be held every week.

Whenever 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 may be considered by the Faculty in recommending a candidate for his degree.

§ 1414.—**Academic Costume.**—Bachelors of Law are entitled to wear gowns and bands. 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.

§ LVII.—**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.

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

Students are requested to pay their Class Fees and sign the University Register on Tuesday, 30th August, 1898, at 10 A. M., in the office of the Law School.

Registration Fee, payable only by General Students.....	\$ 2 00
Fee for each class attended, per Session, payable by General Students.....	10 00
Fee for each class attended, per Session, payable by students of the Affiliated Course.....	5 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 B. A. 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.

Students will not be eligible to be admitted to the Lecture rooms unless they have paid their class fees.

Faculty of Medicine.

THE UNIVERSITY OF QUEBEC.

GEORGE F. BISHOP, M. D.,	MATHEW A. CURRY, M. D.
THOMAS A. CHURCHILL, M. D., F. M.	MURRAY McLEAREN, M. D.
A. W. LE LINDSAY, M. D., C. M.	WILLIAM F. MUIR, M. D.
JOHN SPOONER, M. D., C. M.	WILLIAM TERRY, M. D., C. M., F. R. S. Ed.
A. C. PARR, M. D.	HON. MR. JUSTICE HENRY.
DANIEL MICHAEL CAREW, M. D.	LOUIS M. SULLIVAN, M. D., C. M.
ROBERT TANNER, M. D.	FRED. W. WOODSON, M. D.
ANDREW A. CURRY, M. D.	F. H. ANDERSON, M. B. C. S., Eng.
JOHN F. BLACK, M. D.	ROBERT MACKAY, Ph. D.
ALEXANDER P. BIRD, M. D.	W. H. MATTHEW, M. D.
	A. WOODMAN, M. D., C. M.

Dean of the Faculty: DR. FARRER.

Secretary of the Faculty: DR. TARRANT.

Correspondence should be addressed to:

"The Secretary, Faculty of Medicine,
Duke Street College, Montreal."

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

1.—CHEMISTRY.

(Medical Professorship.)

Professor..... F. MACKAY, Ph. D.

Junior Chemistry Class.

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

COURSE.—The lecturer in this class deals in an elementary way with the principles of general chemistry. In the earlier part of the course, the chemistry of fire, of water, and of air is studied, the theoretical order of development being followed as nearly as possible, and when some acquaintance with chemical facts has thus been gained, 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 routine inorganic substances are prepared and analyzed; simple qualitative experiments are performed, and some time is devoted to elementary work in qualitative analysis.

Books recommended: For Classroom, *Text-book of Chemistry for Colleges, Academies and High Schools*, by Charles D. Walcott, University of Chicago, (Street and Bond Co., 100 Laboratory East, University Building, to the credit of Chemistry).

Senior Chemistry Class.

Text-books used: *Thermodynamics*, 9—10 A. M.; *Phology* 10—11 A. M.

CLASS WORK. The subjects of study in this class fall into two subdivisions. In one of these subdivisions 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 subdivision 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 combination 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 subdivision 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. This course in qualitative analysis will include a study of the methods of identifying the metals arsenic, antimony, bismuth, mercury, lead, silver, copper, aluminum, chromium, iron, zinc, magnesium, calcium, barium, potassium, sodium, and ammonium; and the acids hydrochloric, hydrobromic, hydroiodic, nitric, carbonic, sulphuric, iodic, acetic, oxalic, lactic and hypophosphoric. Under the head of physiological chemistry will be studied typical carbohydrates, as starch and dextrine, typical protein substances, as white of egg, typical food-stuffs, as milk and flour; and in addition experiments will be performed illustrating digestive processes.

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 spectro-

scopic examination of blood, and the quantitative estimation of the chief constituents of urine.

Books recommended: *Physiology and Biophysics* (Components of Carbin, (McGraw-Hill) Editor's Association of Chemical Physiology (Longmans, Green) Scientific Publications Analytical Association Book Co.), the reference *Text-book of Medical Microbiology and Parasitology* (Spon & Co.), *Microbiology Text-book of Pharmacology* (Bailey translated by Huxley Wiley & Sons).

CHEMICAL LABORATORY.

The chemical laboratory accommodates about eighty students. A reference library is placed in the laboratory-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 8 to 10 p. m. on Tuesdays, Wednesdays and Thursdays.

II.—ELEMENTARY BIOLOGY.

(A.)—BOTANY.

Professor.....

Text-books, 11 A. M.—1 P. M.

The course in Botany will have special reference to the following subjects: Protozoism and Plant cells, the Thallo and Tissue Systems of Plants, Morphology of the Plant-body, Plant Physiology, the Principles of Classification and the Laws of Distribution, the Protophyta (Schizomyces), the Phytophyta (Chlorophyceae and Charophyceae), the Carposphyta (Rhodophyceae, Anomoeaceae and Hædidiemnetaceae especially), the Mycophyta (Basides and Laccaridiales), the Periphytophyta (Fungi, Fungioides and Chloromycetes), the Anthophyta (especially the Gynæceum, Gynæcium, Germinaculum, Embryo, Tricoræum, Labellum, Compocarp, Umbelliferum, Racemose, Leguminacium, Cruciferae, Ranunculacium). The Morphology and life history (the Anatomy, the ecology and development) of at least two common or representative species of each group of plants named above, in minute detail.

Special 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 unarranged 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. This 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.

(II.)—ZOOLOGY.

Lecturer.....A. HARRISON, M. D., C. M.

The work of the class will consist of a course of lectures supplemented by practical work.

The following subjects will be treated of in the lectures:—Organic and Inorganic Bodies; Life, Vital Action, &c.; Differences between Plants and Animals, Morphology, Physiology, Differences between Animals, Specialization of Function, Morphological Types, Von Baer's Law of Development, Origin of Species, Homology, Analogy, Reproduction, Distribution in Time and Space, Evolution, Classification. Also the general characters of the several sub-kingdoms will be treated of as fully as possible.

The practical part of the course will consist of Dissections by students themselves and demonstrations, microscopical, &c.

The object of the class will be to give such a comprehensive idea of the Animal Kingdom, as will form a good basis for any one wishing to prosecute still further the study of Biology, or Comparative Anatomy and Physiology.

It will meet for two consecutive hours on one day a week, one hour being devoted to lecture and the other to practical work and demonstrations.

Students intending to take the class will have to provide themselves with the following articles:—1 pair forceps, 1 pair scissors, 1 or 2 dissecting needles and knives, a razor and a small hand lens.

The total cost of these articles will be about \$2.00. As they will not be required for the first week or two they need not be purchased till the opening of the class when more information will be given.

Text Book: Packard's Zoology, 4th Ed. *Reference Text Book:* Anatomy of Vertebrates and Invertebrates, Huxley, 2nd Ed.; Text Book of Zoology, Class B Zoology, 2nd Ed.

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 §§ 3, 4, 5, 6, 7, and 8, of the Regulations in Arts and Science will see that they at the same time may be registered with the Medical Faculty, and to 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 College or School of Medicine recognized by the Senate.

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

§ LIX.—The Academic Year.—The Academic Year outside of one session. The Session of 1898-9 will begin on Monday, September 12th, 1898, and end on Tuesday, April 25th, 1899.

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 (including a laboratory course of not less than three hours per week), Physiology, Materia Medica, Surgery, Obstetrics, Gynaecology and Diseases of Children, Medicine; or one such course and two of the following: Elementary Biology, Histology, Medical Jurisprudence, Pathology, Therapeutics, Clinical Medicine, Clinical Surgery. Certificates indicating less than 90 per cent of attendance upon any class will not be accepted without valid reason for absence being shown.

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

§ LXII.—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 degrees, 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, Dr. A. W. H. Thoburn, 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 Teachers' Society, shall be considered by this University sufficient evidence of satisfactory general education.

3. The Matriculation and Statistical 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 Teacher's License of other Nova Scotia, New Brunswick or Prince Edward Island; and also the preliminary Examinations 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.

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

§ LXIV.—Primary M. D., C. M. Examination.—1. This examination shall consist of two parts; Sect. A to be pass at the end of the First Year, and Sect. B at the end of the Second Year.

(A). PRIMARY EXAMINATION, SECT. A.

(1.) This examination shall include Anatomy, Histology, Chemistry and Elementary Biology to the extent indicated in the following synopsis:

ANATOMY.

A written examination on Osteology, including general physical characters, chemical composition, course, and structure of bones. Ossification. Arthrology, ossification of joints, structure and ossification of the more important, (hip, knee, shoulder, elbow, ankle, etc.).

HISTOLOGY.

A written examination on the structure of the tissues and of the organs of the body. Candidates may also be called upon to describe the general histological methods of staining and mounting tissues and organs, and making, staining and mounting sections.

CHEMISTRY.

Elementary general chemistry, as in the course of the Junior Chemistry Class, outlined on pp. 87, 88. Two papers will be set corresponding to the work outlined under "class work" and "laboratory-work" respectively in the above course.

ELEMENTARY BIOLOGY.

Candidates will be expected to show a practical acquaintance with the topics indicated as forming the subject-matter of the courses of lectures and instruction in Botany and Zoology outlined at pp. 92, 101.

(2.) Candidates for this examination shall be required to produce certificates to the following effect:

(a) Of having passed the Matriculation Examination of the Provincial Medical Board of Nova Scotia or other examination recognised as sufficient at least one academic year previously, and of having completed their sixteenth year before the passing of said examination.

(b) 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.: Anatomy (Osteology and Arthrology) Histology, Chemistry, (including a laboratory course during the same time of not less than three hours per week), Elementary Biology.

(B). PRIMARY EXAMINATION, SECT. B.

(1.) This examination shall include Anatomy, Physiology, Chemistry, to the extent indicated in the following synopsis:

ANATOMY.

This examination will be partly written and partly viva voce. The paper may include questions in Descriptive and Regional Anatomy, Surgical and Medical Anatomy. At the oral examination candidates will be examined on dissections, recent dissections, models, preparations, etc.

PHYSIOLOGY.

A written and an oral examination on: (a) The physiology of digestion, absorption, circulation, respiration, secretion, nutrition, animal heat, animal motion; the functions of the nervous system, and sense organs; reproduction and development.

(b) The composition of food, and of the tissues, secretions, excretions, and other fluids of the body.

At the oral examination microscopical preparations of the tissues and organs of the body will also be submitted for identification or description.

CHEMISTRY.

Inorganic, organic and medical chemistry as in the course of the Senior Chemistry Class, outlined on page 88. The examination will include: (a) Two papers corresponding respectively to the work outlined under "class-work" and "laboratory-work" in the above course. (b) A practical examination in the laboratory. (c) An oral examination, in which in addition to the preceding, questions may be put to the candidates upon the work prescribed in chemistry under Section A of the Primary Examination, p. 101.

(2.) Candidates for this examination shall be required to produce certificates to the following effect:

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

(b) 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 Medi-

has approved by the Senate, two courses of at least six months lectures each, in each of the following subjects, viz.: Anatomy, Chemistry, (including two laboratory courses of not less than three hours per week); 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.

(c) 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 lectures and instruction of six months in each of the following subjects, viz.: Physiology (including Embryology), Histology, Elementary Biology.

(d) Of having passed in the subjects of the first part of the Primary Examination either at this University, at the Halifax Medical College, or at some other Medical College specially recognized by the Senate.

2. 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 for Sect. A or Sect. B, as the case may be, to the Secretary of the Faculty at least fourteen days before the date of the Examination, to some title names in the Register of Transcripts 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 in the case of candidates for sect. A, and one-third of the graduation fee in the case of candidates for sect. B.

3. 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, with or without evidence of further attendance in said subject or subjects as the Faculty may direct.

§ LXV. — Final M. D., C. M. Examination. — 1.

This Examination shall also consist of two parts, one to be tested at the end of the third and the other at the end of the fourth Academic Year.

(A.) FINAL EXAMINATION, SECT. A.

(1.) This Examination will include the following subjects: Materia Medica, Pharmacy and Therapeutics; Pathology and Bacteriology; Medical Jurisprudence, Hygiene and Sanitary.

MATERIA MEDICA, &c.

This examination will be partly written and partly oral. The candidates will require to possess a knowledge of:

(a.) The general nature and composition, and the most important physical and chemical characters of the Pharmacopœial drugs, named in the annexed Schedule.

(b.) The composition of the Pharmacopœial preparations of these drugs, and the process employed in making them.

(c.) The doses, therapeutic uses, and modes of administration of these drugs, and their preparations; writing of prescriptions.

(d.) The remedial uses of Electricity and Galvanism, Heat and Cold, Chlorate, &c.

(e.) Toxic.

At the oral examination candidates will also be required to recognize the drugs indicated by indices in the annexed Schedule.

REQUISITES OF TOXIC.

Liquor Chlori; Cely Chloratum; Liquor Sodu Chlorinatus; Bromum; Ammonii Bromidum; Potassii Bromatum; Sodii Bromidum.

Iodum; Potassii Iodidum; Sodii Iodidum; Phosphi Iodidum; Sulphuris Sublimatum; Sulphuris Precipitatum; Calx Sulphurata; Potassii Sulphuratum.

Phosphorum; Calcii Phosphas; Sodii Phosphas; Ferri Phosphas; Calcii Hypophosphis; Sodii Hypophosphis. Acidum Hydrochloricum; Acidum Nitricum; Acidum Sulphuricum.

Acidum Aceticum; Acidum Citricum; Acidum Tartaricum. Acidum Benzoicum; Acidum Sulphuricum. Acidum Hydrocyanicum; Ethereum.

Liquor Ammoniac; Liquor Potassae; Liquor Sodu; Potassa Cruda; Soda Crustacea. Ammonii Carbonas; Ammonii Chloridum; Liquor Ammonii Acetici.

Potassii Bicarbonas; Potassii Sulphas; Potassii Chloras; Potassii Nitras; Aqua Potassii Perarsenatis. Sodii Bicarbonas; Sodii Sulphas; Sodii Nitras; Barytes.

Calx; Calx Hydras; Croca Preparata; Calcii Carbonas Precipitatus.

Magnesis; Magnesi Carbonas; Magnesi Sulphas. Stronces; Alumen Crustum. Zinc Oxidum; Zinc Chloridum; Zinc Sulphas.

Cypri Sulphas, Argenti Nitras, Hydrocyanicum; Hydrocyanici Acidum Purum; Hydrocyanici Acidum Rubrum; Hydrocyanici Subchloridum; Hydrocyanici Perchloridum; Hydrocyanici Iodidum Rubrum; Hydrocyanicum Ammoniacum; Liquor Hydrocyanici Nitrosi Acidus.

Phosphi Iodidum; Phosphi Acetis; Liquor Phosphi Subaceticus. Antimonium Tartaratum.

Argentum Arsenatum; Ferri Arsenicus; Sodii Arsenicas; Argentii Iodidum; Liquor Argentii et Hydrocyanici Iodidi.

Bismuthi Sulphas; Bismuthi Carbonas; Bismuthi Oxius.

Purum; Ferri Sulphas; Ferri Sulphas Granulata; Ferri Sulphas Baccata; Syrupus Ferri Subchloridi; Ferri Carbonas Saccharata; Syrupus (et Pilula) Ferri Solidi; Liqueur Ferri Acetatis; Liqueur Ferri Perchloridi; Liqueur Ferri Permanganatis; Liqueur Ferri Persulphatis; Ferri Piccolinum Hydrobromicum; Liqueur Ferri Diluatum; Ferri et Trichostemum; Ferri et Quininae Chloras; Ferri et Trichostemum; Ferri et Quininae Bismuthum.

Alcohol Ethylicum; Spiritus Iodofloras; Spiritus Tenuis; Ether; Chloroformum; Iodoformum.

Chloral Hydrate; Butyl Chloral Hydrate; Trichloroethane; Sulphonal.

Acid Nitric; Terebinth. Nitroglycerini; Liqueur Trinitral; Spiritus Ethere Nitrosi.

Austriolidum; Pilocarpini; Phenacetinum; Colloidum.

Acidum Carbolicum; Acidum Salicylicum; Sodii Salicylas. Acidum Boric. et Folis; Acidum Opium; Morphine Hydrochloras; Morphine Acetas; Morphine Sulphas; Liqueur Morphine Bismecanatis; Apomorphine Hydrochloras; Oxidum.

Coca; Capsulae Hydrochloras. Jaborandi; Pilocarpine Nitrosi. Quassia Lignum; Colubus Baccis; Gentiana Radix. Pycnanthemum Radix; Pycnanthemum. Calluna; Capsulae Citras.

Grain Brandy et Tonic. Angustifolia; Anacardium; Myrtus; Guaiac Radix. Olibanum Cortex; Olibanum Radix Coriice; Quininae Sulphas; Quininae Hydrochloras. Salicinum.

Eucalyptus; Sassafras Radix. Glycyrrhiza. Nux Vomica; Stramonium. Belladonna Radix et Folis; Atropina; Atropine Sulphas; Hyoscyamine Radix; Atropine Semina et Folis; Homotropine Hydrobromas.

Cannabis Indica. Digitalis Folis; Scrophularias. Olibanum Mincis; Olibanum Coriice; Aloo Barbatoide; Aloe Saccharata; Aloes; Rhazum Parvum Cortex; Colubus Baccis; Folis; Kloterium; Flammulina; Jalapa; Podophylli Rhizoma; Ilex Radix; Semina Anacardium et Folis; Capsularum; Olibanum Terebinthinae. Acidum Phosphoricum; Acidum Guaiacum; Kino; Culebra; Hirsutioidis Cortex et Folis.

Acidum Benzoicum. Capsulae. Oxidum. Colchici Coram. et Semina. Sassa. Folis Mac. Nankianum. Erythra. Olibanum Barbicum. Carduus.

MINERAL, JURISTROPHOUS, HYGIENE AND TOXICITY.

The Examination will be partly written, partly oral. Candidates will be examined on the following topics:

Forensic Medicine.

I. Examination of Persons Found Dead, with reference to:

1. Identification.
2. Time of Death.
3. Cause of Death.

II. Violent causes of Death:—

1. Drowning.
2. Strangulation.
3. Suffocation.
4. Mechanical Injuries and Wounds.

III. Poisons and Poisoning:—

1. Symptoms and post-mortem appearances in cases of poisoning by the following agents:—

INORGANIC.

Mineral Acids.	Mercury.
Solutions of Alkalis.	Antimony.
Copper.	Arsenic.
Lead.	Phosphorus.

ORGANIC.

Oxalic Acid.	Aconite.
Carbonic Acid.	Chloroform.
Opium.	Chloral Hydrate.
Strychnine.	Cyanides.
Belladonna.	

2. Duties of medical men in cases of Poisoning as regards Observation; Treatment and Preservation of parts for Analysis.
3. Preliminary Tests for Poisonous Substances for Clinical Use before reference to an Analyst.

VI. medico-legal points in connection with:—Pregnancy, Delivery, Rape, Criminal Abortion, Infanticide, Assault and Battery, Wounds and other external injuries; Mental Capacity in relation to Criminal Responsibility, Contracts and Wills; Malpractice, and Neglect of Duty.

V. Forms of Insanity. Examination of persons supposed to be insane. The Lunacy Laws in so far as they affect the Medical Practitioner when signing Certificates of Lunacy.

Hygiene.

I. Water, in its relations to Health and Disease:—

1. The Character and Classification of Drinking Water.
2. The Causes and Sources of the Impurities found in Water and the Methods of Purification.
3. The Diseases conveyed by Water, and the Methods of dealing with Epidemics of such Diseases.

- II. AIR, in relation to Health and Disease :—
1. The Causes and Sources of the Impurities found in Air.
 2. The Diseases conveyed through the Air.
 3. The Quantity of Air necessary for Health; the Principles of Ventilation.
- III. SOIL, in relation to Health and Disease :—
1. The Causes and Sources of the Impurities in the Soil, and the Methods of dealing with them.
 2. Diseases connected with the Soil.
 3. The Methods of dealing with Strews and Sewage.
- IV. FOOD, in relation to Health and Disease :—
1. Dietetics.
 2. The common Adulterations of the chief Articles of Diet.
 3. Diseases connected with Deficiency or Impurity of Food-supply.
- V. The Dwelling, in relation to Health and Disease :—
The Principles of House Drainage.
- VI. The Principles of Disinfection, and the mode of Action of the chief Disinfecting Agents.
- VII. The Provisions of the Act for the Notification of Disease.

PATHOLOGY AND BACTERIOLOGY.

The Examination will be partly written, partly *visu*. Candidates will be expected to possess a knowledge of :

- (a.) General Pathology, including Degenerative Processes, Inflammation, Necrotic Growth, etc.
- (b.) General Etiology, with reference to Parasitic and Infective Diseases.
- (c.) Systematic Pathology, the more important diseases of the principal systems and organs of the body.
- (d.) Bacteriology, to include the General Morphology and Life History of Micro Organisms; Characters of Organisms Pathogenic to the Human Subject, and their modes of producing disease, etc.

At the oral examination candidates will be examined on gross and microscopical preparations, and will be expected to possess a knowledge of the Preparation of Culture Media, Methods of Inoculation and Cultivation, Staining, Segregation of Bacterial Products, Inoculation.

(2.) Candidates for this examination shall be required to furnish certificates to the following effect, viz. :

(a.) Of having passed the Matriculation Examination, or other examination recognized as sufficient, at least three calendar years previously, and of having completed their six-month year before the passing of said examination.

(b.) Of having, after passing the Matriculation or other equivalent examination, attended either in this University, or in the Halifax Medical College, or in some other School of Medicine approved by the Senate, the course of Lectures, etc., prescribed above for candidates for the Primary M. D., C. M. Examination.

(c.) Of having passed the Primary M. D., C. M. Examination at this University, or of having subject to the regulations of § LXIX, passed the same examination at the Halifax Medical College, or at some other Medical School or College specially recognized by the Senate.

(d.) 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 Materia Medica and Therapeutics; one course of seventy-five lectures in Medical Jurisprudence, including Hygiene and Insanity; one course of at least one hundred lectures and demonstrations in Pathology and Bacteriology.

(e.) 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 registered apothecary or dispensing medical practitioner. Persons undergoing a college certificate must also show that they have passed a satisfactory examination at the end of their course of instruction.

(f.) Of having, after passing the preliminary examination, attended the Post-Mortem Examinations in a recognized Hospital for a period of at least six months, during which they have received practical instruction in the methods of making Post-Mortem Examinations and in framing Reports. Such certificate to be accompanied by reports of at least six autopsies which the candidate has attended.

(B.) FINAL EXAMINATION, SECT. B.

(1.) This Examination will include the following subjects—Surgery, Clinical Surgery, Medicine, Clinical Medicine, Obstetrics and Diseases of Women and Children.

REMARKS.

The Examination in this subject will be partly written and partly *visu*. The candidates will be expected to possess a knowledge of the Principles and Practice of Surgery, of Surgical Pathology, Surgical Anatomy, and Operative Surgery. They will also be examined on the more common Diseases of the Skin, Hair, Throat, and Nose.

CLINICAL SURGERY.

This Examination will be partly practical and partly oral. Cases will be submitted for diagnosis and treatment. Candidates will also be examined on the application of Syllabus and Eschwege, and on the uses of Surgical Instruments and Appliances.

MEDICINE.

In this subject there will be a written and an oral examination on the Clinical History, Causes, Diagnosis, Prognosis and Treatment of the Diseases of the different Systems and Organs of the Body. The examination will also include Infectious Diseases, Constitutional Diseases, Mental Diseases and Diseases of the Nervous System. Candidates may also be questioned on Medical Anatomy and Therapeutics.

CLINICAL MEDICINE.

The Examination in Clinical Medicine will be partly practical and partly oral. Patients will be submitted for examination, diagnosis and treatment. Examination of specimens of Urine, Sputa, &c., will be required.

GYNÆCOLOGY AND DISEASES OF WOMEN AND CHILDREN.

In these subjects there will be a written and an oral examination, which will embrace the following:

- (a.) The Anatomy and Physiology of the Female Organs of Reproduction.
- (b.) The Physiology, Pathology and Therapeutics of Pregnancy.
- (c.) Parturition, natural and morbid.
- (d.) Hygiene, Pathology and Therapeutics of the Puerperal State.
- (e.) Hygiene, Pathology and Therapeutics of Infancy.
- (f.) Special Pathology and Therapeutics of the Female Organs of Reproduction.

At the oral examination candidates may also be questioned on Gynecological Operations and the use of Instruments and Appliances.

(2.) Candidates for this examination shall be required to furnish certificates to the following effect, viz.:

(a.) 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 of Surgery, do hereby declare that I have attained the age of twenty-one years, or if the case be otherwise, that I shall have attained the age of twenty-one years before the day of graduation next, and that I am not (or shall not be) at this time under articles or a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed) _____

A. B.

(b.) Of having passed the Primary M. D., C. M. Examination at this University, or of having applied to the regulations of a University, passed the same examination at the Halifax Medical College, or at some other Medical School or College specially recognized by the Senate.

(c.) Of having passed the First part (Book A) of the Final Examination in Pathology, Materia Medica and Therapeutics, Medical Jurisprudence and Hygiene.

(d.) Of, having after passing the Matriculation Examination, attended during four academic years, or in 242 at least two courses of lectures per year in the Faculty of the Primary and Final M. D., C. M. Examination, either in this University or at the Halifax Medical College, or at some other Medical School or College recognized by the Senate.

(e.) 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 approximately lectures each, in each of the following subjects, viz.: Clinical Medicine, Clinical Surgery; and one course of at least twenty-five lectures in Ophthalmology, Otolaryngology and Laryngology.

(f.) Of having after passing the Matriculation Examination attended a course in Operative Surgery, and of having performed operations on the dead body to the satisfaction of the Teacher.

(g.) Of having, after passing the Matriculation Examination, attended during one academic year the practice of the Victoria General Hospital, or that of some other Hospital approved by the Senate.

(h.) Of having, after passing the Matriculation Examination, attended during at least six months the practice of a Dispensary or of the out-patient department of a general Hospital.

(i.) Of having, after passing the Matriculation Examination, attended during at least six months, courses of practical instruction in Medicine and Surgery including: the methods of examining various organs and other parts of the body in order to detect the evidence of disease or the effect of accidents—the employment of instruments and apparatus used in diagnosis or treatment, the examination of the Urine and other secretions, and of morbid products.

(j.) 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 giving satisfactory evidence of practical work in Surgery and Medicine.

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

(4) Of having, after passing the Matriculation Examination, received instruction and attained proficiency in the practice of Vaccination under a recognized medical practitioner.

2. The final 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 for Section A or Section B, as the case may be, 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 before the date of the examination, and to pay before the date of the examination, one-sixth of the amount of the graduation fee in the case of candidates for sect. A, and one-third of the graduation fee in the case of candidates for sect. B.

3. Candidates who may have been exempted from passing the Primary Examination under the provisions of § 100, (2), (3) will be required to pay the balance of the full graduation fee before being admitted to the last part of the Final Examination.

4. A minimum of 50% in each subject is required to obtain a Pass.

5. 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 pass at a later date again for examination in each subject or subjects, on payment of a fee of \$5.00 for each subject.

6. A candidate having failed to make 50% in any subject of sect. B. of the Final Examination will also be required to pass again in any other subject in which he may have made less than 50% with or without evidence of further attendance on such subject or subjects as the Faculty in their discretion may determine.

§ LXVI.—Academic Costume, etc.—1. Undergraduates and general students attending more than one class, are required to wear caps and gowns. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black tuniclet with tassel.

2. Doctors of Medicine of this University shall be entitled to wear black stuff gowns and bands. The hoods shall have a lining of ecruish silk lined with white silk.

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

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

SENTEŒIA ACADÉMICA.

In Facultate Medicinæ Universitatis Halimontanis.

Ego, Doctoratus in Artibus Medicis titulo Juris Doctoratus, sacrosancti Curiam acriter acutissimè, sperandè:—me in omni grati animi officio erga Universitatem Halimontanam ad extremum vitæ halitus, perseverantissimè. Tam pœno Arctam Medicinæ acutè, exactè, profectè exercitatorum et quod potius, omnia ad ægrotantium corporum salutem condempnè, cum hinc procedurum. Quæ unicuique, in hoc ordine, via vix audita sibi conveniant, non sine gravi causa vulgatarum. Ita pœnoque nihil spondenti adit Nomen.

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

Registration	.....	\$ 2 00
Junior Chemistry Class Fee (including Laboratory Fee)	.....	10 00
Senior	.....	12 00
Necessary Biology Class Fee including use of microscopes and reagents	.....	12 00
Graduation Fee	.....	20 00

Institutions.

THE UNIVERSITY LIBRARY.

The *Library consists of about 7740 volumes, selected to meet the wants especially of students of the Faculties of Arts and Science.

It contains the MACMECHAN COLLECTION of works on Mathematical and Physical Science, which was presented to the College by the relatives of the late Professor J. J. Macmechan; the HANNEY MORGAN COLLECTION of works on Northern Antiquities and Language, presented by Mrs. Robert Morgan; the STEW COLLECTION of Philosophical works, purchased with the proceeds of a course of public Lectures on Psychology given by Professor James Steh; the DRUMHURGH MORGAN COLLECTION, presented by Dr. Macmechan from the proceeds of a course of Lectures on Shakespeare; the LAWSON LUNAR, presented by the daughters of the late Professor George Lawson, LL. D.; the McCULLOCH COLLECTION, from the Library of the late Rev. W. McCulloch, D. D.; the MEMORIAL COLLECTIONS of the Classes of '94, '95, '96, '97, and '98; and a collection of English books purchased with the proceeds of a Domestic Bazaar organized by the Class of '96, under the supervision of Dr. Macmechan.

Although there is no limit as to the disposal of the Librarian for the purchase of books, over 540 volumes have been added to the Library, through presentations, during the past year. This number does not include pamphlets, reports, calendars, &c.

The Class of 1899 has given the Librarian \$114.70 (and promised more) for a Class Memorial.

The following donations have been received from—

An "Alumnius" - Publications of Canada Society	130 vols.
"Three Friends" - \$2000 partly expended in the purchase of	82 "
Dr. Macmechan - From proceeds of Lectures on Shakespeare	70 "
Dr. Tobin - <i>Bears the Down Mountain</i>	64 "
Alumni Association - Scientific works	45 "
Memorial of Class of '98 principally Plato and Aristotle	30 "

*See Lib. Library vol. I. Faculty of Arts of the University. Students are admitted in accordance with the provisions of the Legislative and University Statutes.

Memorial of Class of '96—Jesuit Relations	15 vols.
Dr. W. Kingsford—History of Canada	9 "
Edinburgh University—Gifted Lectures	8 "
Dr. Elias Baskin—Canadian Literature	8 "

Also from MacMillan & Co., 22 vols.; Rev. A. Archibald, LL. D., 4; V. W. C. A., 4; Longmans & Co., 4; Prof. C. Macdonald, 3; Bryn Mawr Coll., 3; V. M. C. A., 3; Prof. J. G. MacGregor, 3; Early English Text Society, 3; Toronto University, 3; H. Sadler, Esq., 3; Goss & Co., 3; Miss Vandy, 2; W. Devedell, Esq., 2; Rev. F. G. Porter, 2; Walter Cross, Esq., LL. D., 2; Dr. Keress, 2; M. Bellings, LL. D., 2; Prof. W. Murray, 2; Dr. D. A. Murray, 1; R. G. Winthrop, Esq., 1; Rev. E. Murray, 1; Rev. G. E. Johnson, LL. D., 1; J. A. McKinnon, Esq., LL. D., 1; Mr. G. M. Forrest, 1; Mr. E. P. Edkins, LL. D., 1; Cope, Clark & Co., 1; Hildris & Son, 1; G. Bell & Sons, 1; Mann & Co., 1.

Reports have been received from the following:—Dominion Government, 12; U. S. Venezuelan Boundary Commission, 4; Ontario Government, 6; Geological Survey of Canada, 3; U. S. Commissioner of Education, 2; Smithsonian Institution, 2; Provincial Library, N. S., 2; U. S. Naval Observatory, 2; Natural Hist. Soc., N. B., 2; Inst. of Sci., N. S., 1; Commissioners for the Exhibition of 1881 Scholarship, 1; Royal Society of Canada, 1.

Catalogues and reports have been received from the following Universities and Colleges:—Edinburgh; Glasgow; Aberdeen; St. Andrew's; London; Durham; Bristol; Victoria; Dundee; Trinity Coll., Lond.; Sydney; Melbourne; Princeton; Yale; Harvard; Cornell; Michigan; Brown; Johns Hopkins; Bryn Mawr; Oberlin; Mass. Institute of Technology; Lehigh Inst. of Technology; Illinois; Northwestern; Yeshu; Howard; Wellesley; Furman; Manitoba; Toronto; MacMaster; Queen's; McGill; Trinity; Laval; Niagara; Morris; Presbyterian Theol. Coll., Halifax; New Brunswick; Mount Allison; Prince of Wales; St. Joseph's; Wesleyan Theol. Coll., Montreal; Presbyterian Theol. Coll., Montreal; U. Acad. of Commerce, Montreal; Chicago Theol. Seminary; Auburn Theol. Seminary; Halifax Conservatory of Music; Toronto Coll. of Music.

Periodicals have been regularly placed on the Reading Tables and in many cases given to the Library by the following:—Prof. C. Macdonald; *Nineteenth Century*; Prof. J. G. MacGregor; *Contemporary Science*, *Phil. Magazine*, *Physical Rev.*, *Journal of Phys. Chem.*; Prof. Weldon; *Forum*; Prof. W. Murray; *Int. Journal of Ethics*, *Philos. Rev.*, *Scholarship Rev.* (N. Y.); *Spencerian Notes*; Prof. H. Murray; *Contemporary Science Monthly*; Prof. F. H. France, Esq., LL. D.; *Acad. Hist.*

Rev. *English Hist. Rev.*, *Phil. Science Quar.*; also, *Clinical Medicine*, *Mind*, *Psychological Review*, *Educational Review* (N. B.), *Book Reviews*, *Obit.*

The Library has been open five days each week from 10 to 1 and from 3 to 5. About 3000 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. During the past session thirteen books and two pamphlets have been reported missing, but four of these reported missing previous to November, 1894, have been recovered. Again the Librarian has great pleasure in reporting that the students have not only contributed very liberally to presentations, but have rendered every assistance in the recovery of missing books and in securing quiet during reading hours. The Assistant to the Librarian for the past session was Mr. J. W. Nicholson, B. A., who discharged his duties in a highly satisfactory manner. The salary of the Assistant 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 1858, by the late Rev. William McCulloch, D.D., of York, with a fund of \$1,400 for extending the collections. It formed the nucleus of Prof. Thomas McCulloch, who occupied the chair of Natural Philosophy from 1863 to 1885. 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 California fossils, chiefly Nova Scotian, and a collection of European Cretaceous Fossils, Indian implements, shells of recent Malacca, native plants, &c. These collections were made in part by Rev. Thomas McCulloch, D. D., the first President of the College. The McCulloch collection of birds has recently been increased by additions paid for out of the McCulloch Museum Fund. An arrangement has been made with Mr. T. J. Egan, by which his valuable collection, containing about 50 cases of native birds, has been placed in the Museum on loan.

THE PATTERSON ANTHROPOLOGICAL COLLECTION.—The collection of Indian Antiquities was made by the late Rev. George

Patterson, D. D., LL. D., F. R. S. C., while engaged during a number of years in excavations regarding the history and mores of life of the aborigines of Nova Scotia. The collection was presented by him to the College in 1889, on the condition that the Governors should make suitable "provision for the preservation and exhibition of the same, in such a manner as is usual in well-assorted museums." It is kept as a separate collection. It contains 292 specimens, separately catalogued, and is arranged conveniently for reference. About 250 of the specimens have been obtained in Nova Scotia; they illustrate the same 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 archeological collections of the Smithsonian Institution, contains full particulars of the localities where the several specimens were obtained.

The chief donations to the Museum during the year have been:—From the Londonderry Iron Co., a collection of specimens of iron ores and products of the blast furnace; From the Chatham Mining Co., specimens of lead and copper ores; From Mr. George Richards, Halifax, specimens of asbestos.

Dr. A. Halliday, Lecturer on Zoology, requests alumni and friends to send to the Museum anything that they consider interesting in the line of biology. Tropical specimens of any nature (shells, &c.), are especially desired.

*The Provincial Museum, in the New Provincial Building, Marine Square, contains collections embracing the Mineralogy, Zoology and Botany of the Province, and is open to the public daily from 10 to 4 o'clock, unless specially told by students.

THE ALUMNI ASSOCIATION

(Incorporated 1878.)

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 person 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 Examiners.

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

ABSTRACT FROM MINUTES OF ANNUAL MEETING AND FROM REPORT OF EXECUTIVE COMMITTEE.

The Annual Meeting was held at the college on the evening of April 26th, being one of the largest meetings held by the Association in many years.

The President, Prof. F. MacKay, B.A., Ph.D., occupied the chair, and in his opening address congratulated the Association on the progress made by it during the year. He congratulated the New Glasgow Alumni on being the first to establish a branch Association under the new By-laws providing for the formation of local branches, wished it success, and expressed the hope that other centres would rapidly follow the example set by New Glasgow.

The Secretary presented the report of the Executive Committee. The Committee reported that this effort to collect outstanding dues had been in a measure successful, many members in arrears having forwarded their subscriptions to the Treasurer, and as a result the financial condition of the Association was much better than for many years. The Committee suggested that the incoming executive should pursue the

line of action adopted by them with regard to the getting in of outstanding dues.

The Executive further recommended that a regular system of keeping distant members posted as to the doings of the Association should be adapted, thereby keeping our graduates more in touch with the University.

The Committee also reported that they had decided to revive the custom of holding the regular Alumni dinner, and that they had arranged for the holding of it on the evening of Convocation day.

The Dean of the Science Faculty once again reported that the grant from the Association, which amounted to \$125.00, had been of the greatest service to that Faculty, and the Committee recommended that it should be continued during the present year.

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

RECEIPTS.	
Balance from previous year.....	\$ 46 25
Annual subscriptions.....	194 30
DISBURSEMENTS.	
Paid on account of Grant to Science Faculty.....	\$125 00
Faculty salaries.....	40 81
Balance on hand.....	\$21 25

The sub-committee appointed to inquire into the system of government pursued in other Colleges in circumstances similar to our own, and also as to the course followed in the matter of the publication of annual financial statements, presented a report. The grant to the Faculty of Science was continued for another year.

The Secretary was instructed to arrange if possible with the different railways for reduced fares for members attending the annual meeting or convocation.

By-laws and rules for the formation of branches of the Association in local centres were adopted.

The election of officers being proceeded with, the following were declared elected:—

President.....	Geo. M. CAMPBELL, B.A., M.D.
Vice-Presidents.....	J. W. LORAN, B.A. Prof. E. MacKay, B.A., Ph.D.
Secretary.....	R. T. MacGREGOR, LL.B.
Treasurer.....	S. A. MORTON, M.A.
Executive Committee.....	H. T. MORTIMER, B.Sc. J. A. MACKINSON, B.A., LL.B. W. B. WALLACE, LL.B., M.P.P. FRAN. H. MURRAY, B.A. FRAN. J. G. MacGREGOR, B.Sc.
Auditors.....	H. B. STARR, B.L., LL.B. W. A. LYONS, LL.B.

STUDENTS' SOCIETIES.

General Students' 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.

OFFICERS.

President	CHAS. E. MACMILLAN, B. A. (MED.)
Vice-Presidents	ALISON COZMING, (LAW.)
Secretary-Treasurer	JOSE W. RICHARDSON, (LAW.)
Executive Committee	A. WESTON RYCKLESDALE, (ARTS.)
	A. M. HERR, (ARTS.)
	A. W. BEEG, (LAW.)
	S. E. SHAW, (MED.)

Deliboniac Gazette.

The DELIBONIAIC GAZETTE is published by the students of the University under the authority of the General Students' Meeting.

	R. DAVIS, (ARTS.)
	G. N. MACKENZIE, (ARTS.)
Editors	J. A. RANSBY, (ARTS.)
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Associate Editors	MARGARET CRANE, (ARTS.)
	NORA K. MCKAY, (ARTS.)
Financial Editor	A. H. HERR.

Others will be appointed by the Law and Medical Students at the beginning of the Session.

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.

President	C. M. PEARL.
Vice-President	J. RANSBY.
Secretary-Treasurer	A. G. S. MERRAY.
	H. GIBSON.
Executive Committee	E. A. MACLEOD.
	F. S. YARCE.

Law Students' Society.

The Society meets once a month for the transaction of business of interest to the Law Students.

OFFICERS.

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Vice-President	H. S. MACKAY.
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Executive Committee	A. A. MCINTYRE, B. A.

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.

OFFICERS.

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Vice-President	J. G. MURPHY.
Secretary	W. V. GOODWIN.
Treasurer	W. P. BRYDSON.
	F. P. ALEXANDER.
Executive	H. W. TAYLOR.
	L. ROSS FAULKNER, B. A.

The Sodala Debating Club.

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

OFFICERS.

Honorary President	PROF. R. C. WELDON.
President	H. P. WYCKE, (ARTS.)
Vice-President	C. F. JARVIS, (LAW.)
Secretary	J. H. A. ANDERSON, (ARTS.)
Treasurer	J. W. WELDON, (ARTS.)
	H. H. NICHOLS, B. A., (LAW.)
	C. E. MACMILLAN, B. A., (MED.)
Executive Committee	A. M. HERR, (ARTS.)
	A. H. S. MERRAY, (SCIENCE.)

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.

OFFICERS.

President	H. W. EMMERTON.
Deputy Speaker	C. KALLAS, B. A.
Clerk	D. K. FINLAYSON.

Young Men's Christian Association.

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

OFFICERS.

President	C. E. FOMER.
Vice-President	F. VANCE.
Recording Secretary	C. M. PASCA.
Corresponding Secretary	A. H. S. MURRAY.
Treasurer	A. M. MILLER.

Young Women's Christian Association.

OFFICERS.

President	GRACE D. B. KING.
Vice-President	CATHERINE F. HAIN.
Recording Secretary	JEAN GORDON.
Corresponding Secretary	ALMA HUBBARD.

The Mock Court.

The Mock 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 desiring are expected to take part in at least one case during the session. (See Law Faculty.)

The Delaware Athletic Club.

OFFICERS.

Honorary President	REV. FOREMONT FOREST.
President	A. CHESNEY.
Vice-President	M. J. McPHERSON.
Secretary	A. H. S. MURRAY.
Treasurer	E. T. WASHINGTON, LL. B.
	M. G. HERRICK.
Executive Committee	E. INGLES.
	D. JARVIS.
	L. COOK.
	E. H. BRUCE.
Representation on Football	R. T. MACKEITH.
Championship Committee	A. CHESNEY.
	R. T. MACKEITH, Chairman.
Ground Committee	A. H. S. MURRAY.
	W. S. GRAY.
Captain of Football Team	A. CHESNEY.

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 depart-

ments; (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.

President	E. R. FARMER, B. A.
	HERBERT FITZMAN, B. A.
Vice-Presidents	H. R. BRAD.
	R. DAVIS.
	J. H. ANDERSON.
Secretary-Treasurer	W. H. STEWART.
	H. F. MINOR.
Executive Committee	A. CHESNEY.
	MARGARET CHASE.
	BESSIE LOGAN.

The Glee Club.

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

OFFICERS.

Honorary President	FRED C. MILLERMAN.
President	GEORGE WALKER.
Vice-President	JOSPH B. CARROLL.
Secretary	A. H. S. MURRAY.
Treasurer	J. H. ANDERSON.
	N. MURRAY.
	W. H. STEWART.
	J. G. ZWICKER.
Executive Committee	ETHEL BENTLEY.
	LEIGH B. HUBBARD.
	ALMA HUBBARD.
Conductor	MR. W. H. DULANEY.
Accompanist	MISS E. BENTLEY.

The Philosophical Club.

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

OFFICERS.

Honorary President	REV. C. McKIMMER, M. A., LL. D.
President	C. A. SCHILLER, M. A.
Secretary	C. N. MACKEITH.

AFFILIATED COLLEGES.

Halifax Ladies' College.

President.....REV. R. LAING, M. A.

Principal.....MISS MARGARET S. KERR, (Math. Hesse, Cambridge.)

The object of the College is to provide a liberal education for young women. It has three departments of study, — the Primary, (under Miss R. Hunter, B. A., N. R. University), the Preparatory, 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 1897-8 has been as follows:—

MISS W. S. KERR, *Mathematics*.

MISS MARGARET F. THURMAN, M. A. (Dal.), *History, Literature, Latin and Greek*.

MISS RUTHA STYON, L.L.B. (St. Andrew's), *French and German*.

MISS BLANCHÉ LEITCH, A.T.C.M. (Tor.), *Education*.

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

MISS GEORGINA DUNN, B.A. (Wellesley), *Science*.

MISS J. BAIN, *English, Arithmetic and Drawing*.

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 registered 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 Arts and Design.

Halifax Conservatory of Music.

President.....REV. ROBERT LAING, M. A.

Medical Director.....MR. C. H. PORTER, JR.

The CONSERVATORY is under the same Board of Management as the Ladies' College.

FACULTY OF INSTRUCTION.

Piano.—MR. C. H. PORTER, Graduate of the Royal Conservatory at Leipzig.

“ MISS M. WALLACE

“ MISS E. PAGE

“ MR. J. H. LOYAN, Graduate of the Royal Hochschule at Berlin.

“ MISS HELEN TORREY, Graduate of Halifax Conservatory of Music.

“ MISS LEONORA CLARKE, Graduate of Halifax Conservatory of Music.

Violin.—MR. MAX WIRTH, Graduate of the Royal Conservatory at Leipzig.

“ MISS BRIGIDA SHERMAN, Graduate of the Royal Conservatory at Leipzig.

Viola.—MR. CHAS. B. WHEEL, New York.

“ MISS FLEMING W. LAING, B.C.M.

Organ.—MR. FRANK GATWARD, L.L.C.M. (soon to be appointed by Mr. GATWARD resigned.)

“ MR. J. H. LOYAN.

Contra-tenor.—MR. HERBY HANSON.

Coronet.—MR. T. L. COOPER.

Flute.—MR. WILLIAM O'CONNOR.

Trumpet and String Bass.—MR. FRED. HENDER.

Theory and Composition.—MR. C. H. PORTER.

Harmony.—MR. FRANK GATWARD.

History of Music.—REV. ROBERT LAING, M. A.

BOARD OF EXAMINERS FOR DEGREE OF BACHELOR OF MUSIC.

Appointed by Dalhousie University.

I. *Theory of Music*.—C. H. PORTER, Medical Director of the Halifax Conservatory of Music.
R. H. THURGOOD, Medical Director of the Toronto College of Music.

II. *Acoustics*.—FRANK J. C. MACGREGOR, D. Sc.

III. *History of Music*.—REV. ROBERT LAING, M. A.

IV. *English Literature*.—PROF. MACLEOD, Ph. D.

V. *The Practice of Music*.—THE FACULTY OF INSTRUCTORS of the Conservatory, together with ONE PRIMA-VIRAL EXAMINER in each instrument, to be appointed as required.

The Conservatory opens the first WEDNESDAY of SEPTEMBER, and closes the last WEDNESDAY of JUNE of each year.

Application for admission and for all information to be addressed to the President, REV. ROBERT LAING, Halifax, N. S.

University Lists.

DEGREES

Conferred April 30th, 1880.

MASTERS OF ARTS.

- ARNWALD, HENRY THOMSON, B. A., *By Examination in Greek, (Poets and Aristotle.)*
 AUSTIN, MINNA HAY, B. A., *By Examination in Philosophy.*
 BOULEY, HENRY VERNON, B. A., *By Thesis (The North Atlantic Fisheries Dispute.)*
 CAMERON, IRA WILLIAM, B. A., *By Examination in Pure and Applied Mathematics.*
 GUNN, GEORGE ALEXANDER, B. A., *By Examination in Greek (Poets and Aristotle.)*
 HERR, HENRY GUY, B. A., *By Examination in English and English History, (Elizabethan.)*
 HOPKINS, WILLIAM MURRAY, B. A., *By Examination in Greek.*
 JORDAN, EDWARD ELLIOTT, B. A., *By Examination in Pure Mathematics.*
 M'KAY, IMA, B. A., *By Examination in Philosophy.*
 M'KEAY, THOMAS COLLEN, B. A., *By Thesis (On the Calculation of the Conductivity of Argueson solutions containing the Chloride of Sodium and Barium. Pub. N. S. Inst. Science.)*
 M'NEIL, MARGARET JANEY, B. A., *By Examination in English (Scott.)*
 NICHOLSON, JOHN WILLIAM ANDREW, B. A., *By Examination in Philosophy.*
 SOUTHERLAND, GEORGE ANAND, B. A., *By Examination in Philosophy.*
 THURLEY, JAMES HASTINGS, B. A., *By Examination in English (Scott.)*
 TRENKMAN, MARGARET ROBERTA, B. A., *By Examination in History.*

MASTERS OF SCIENCE.

- ANDERSON, FREDERICK H., B. Sc., *By Thesis (On the Conductivity of Solutions containing Sodium and Potassium Sulphate, and three other papers published in the Transactions of the N. S. Inst. of Science, under the Royal Society of Canada.)*

BACHELORS OF ARTS.

- BLANCHARD, AUBREY BLANCHARD Trinity
 BRUCE, WILLIAM POTTER Halifax
 BRYANTON, M'CREEN St. Ann's, Vict. Co.
 CANNING, ALVIN HUBB Missin's
 CAMPBELL, DONALD McDONALD Salmon River, Ont. Co.
 COLBERT, JOHN GEORGE Little Harbour, Victoria Co.
 COOPER, JAMES ROBERT Halifax.

- CROFT, HENRY SEARLEY Central Quebec
 DEWOLF, MARGARET WOODS Halifax
 GRANT, CLARENCE FRANK Port Moresby
 HOCKEY, JOHN GEORGE Halifax
 KESSEY, ELLIEMER LEAID Halifax
 LEON, FRANK BLANCHET Trinity
 LOGAN, RUSSELL MARGARET Trinity
 MACDONALD, DANIEL JOHN Point Pelee, P. R. I.
 MACDONALD, FINLAY H St. Charles
 M'KAY, CECILIAN WYNN Dartmouth
 M'KINNON, JOHN BRANDELL Campbellton, N. B.
 HASTON, DONALD ALEXANDER Capes Cove, P. R. I.
 HORTON, JAMES SOLIDOR Halifax
 HUBBAY, NORMAN GRANT Halifax
 NOBLE, JOHN DENNIS Miramichi, N. B.
 O'BOY, MELLOS ADDISON Noel, Hants Co.
 PARSONS, JAMES MALLON Halifax
 PRATT, FREDERICK ROBERT Acadia
 RICE, WILLIAM ALEXANDER Lorne
 SADDINGTON, WILLIAM HARRY Middle Messersdell
 STEVEN, BRANDELL PERLEY Elgin, N. B.
 WATT, ANDREW WILLIAM Perth
 WOOD, GEORGE Halifax.

BACHELORS OF LAWS.

- M'KINNON, WILLIAM THOMAS MORRIS Annapolis

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- COLE, ALEXANDER DAVID Halifax
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 COMPTON, ALFRED GUYTON, B. A. Oxford
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 HARRIS, THOMAS M'CREEN New Glasgow
 JOHNSON, JAMES ROBERTS, B. L. Halifax
 KENNEDY, TROTON CHRISTOPHER Lunenburg
 LEAHY, WILLIAM JAMES Halifax
 MACDONALD, FRANK ALEXANDER Sydney
 McLAUGHLIN, HARRY OWEN Grand Pré
 McLEOD, JOHN ROBERT Springhill
 MANN, HENRY EDWIN, B. A. Halifax
 MILES, NATHANIEL MARKS St. Stephen, N. B.
 NICHOLS, EDWARD HARR, B. A. Digby
 NORTON, GEORGE EDWARD EDWIN Halifax
 O'LEARY, THOMAS, B. A. New Albany
 O'NEILL, WILLIAM FRANCIS Halifax
 PARSONS, GEORGE DENNIS, B. A. Halifax.

PANSON, WILLIAM RUFUS, B. A.	Bullfinch.
PERRY, HARRY ALDEN, B. A.	Amherst.
PERRY, WILLIAM PARKER	Bullfinch.
PITMAN, HAROLD, B. A.	Lower Dunlop.
ROBERTSON, HARRY WRIGHT	Wickham, N. B.
TOPIN, CLIFFORD ANDREW, B. A.	Kingston.

DOCTOR OF MEDICINE AND MASTER IN SURGERY.

ARMFIELD, MATTHEW GEORGE	Middleburgh School.
BRECH, ROBERT ALMON	St. John's, N.B.
BICKLEY, AVERY FELIX	Bullfinch.
BURTON, WILLIAM HUFF, B. Sc.	Bullfinch.
GARDNER, GEORGE CLAW	Newport, Ont.
MEDFORD, DAVID	Fairfax Creek, C. B.
McKISSIC, MURDOCH DAVID	Grand River, C. B.
MORTON, ANDREW McNEVIN	Woodville, King.
THOMPSON, ALFRED	St. John River, Hants.

HONOURS, MEDAL, Etc. 1897-98

HONOURS.

Classics.

GRANT, CLARENCE FRANK	Honours.
MacLEAN, DONALD ALEXANDER	High Honours.

Mathematics.

BLANCHARD, AUBREY BLANCHARD	Honours.
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Parental Approval Honours.

MORRISON, HUGH THOMAS	Honours.
WAIT, ANDREW WILLIAM	High Honours.

DISTINCTION.

CRAIG, HENRY STABLE	Great Distinction.
DUNNIN, JOHN GEORGE	Great Distinction.
STEWART, WILLIAM HENRY	Great Distinction.

MEDAL.

MacFAR, DONALD ALEXANDER	University Medal.
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PRIZES.

SHAWVER, WHELAN HARRY	Avery Prize.
PARSA, CHARLES MORRIS	Waverley Prize.

SCHOLARSHIPS AND BURSARIES.

ARMFIELD, EDWIN HENRY, B. Sc. Nominations to the 18th Robert Hart Science Scholarship.	
MADONNAN, WYNDHAM STANLEY	North British Society Bursary.

Senior Entrance.

PARSA, CHARLES MORRIS	Professors' Scholarship.
MADONNAN W. STANLEY	Sir William Young Scholarship.

Junior Entrance.

HELVEY, EDWARD NORMAN	Macdonald Bursary.
ARMFIELD, EDWIN HENRY	Professors' Scholarship.
BUTTS, REGINALD LEE	Sir William Young Scholarship.
BOSS, LEON MAY	" " "
HICKES, ARTHUR	" " "

EXAMINATIONS. 1897-98

FACULTIES OF ARTS AND SCIENCE.

MATRICULATION EXAMINATIONS.

Senior. With First Class Distinction: PARSA, C. M. Passed: MATHIAS, W. Passed. Passed in certain subjects: RUSSELL, ARTHUR W. in Greek; BRIDLEY, J. A., in Mathematics and in History and Geography; MacKENZIE, G. N., in Latin, Classical English; DENNEY, J. R., in English; HARRISON, T. R., in English; BARKER, L. E., in Arithmetic and Algebra; MacDONALD, D. J., in Greek; CAMPBELL, A. H., in Greek.

Junior.—With First Class Distinction: HARVEY, EDWARD K.; ROSE, HARRY J.; ARMFIELD, FRANK R.; BISHOP, REGINALD L. With Second Class Distinction: HICK, LILIAN M.; HICKES, A.; CLARK, ALBAN J. Passed in certain subjects: MacLEOD, A. M., in Latin, English, History and Geography; BOSS, D. C., in Greek; LINDAY, M. A., in History, Geography and Cosmography; FURNESS, H. M., in French and German; MURPHY, G. S., in English; STEWART, ROBERT M., in German; HOBBS, A. M., in Latin and German; HOBBS, T. C., in Latin and German.

MARRIED BY GRADUATE.

Senior.—KERR, HARRY A.; SPENCER, A. G.; MYERS, C. A. (Greek exempted).

Junior.—ANDERSON, HOWIE R.; BRIDLEY, J. A.; CARR, J. R.; CAMPBELL, F.; COCHRAN, C. A., (French and German exempted); COOPER, E. S.; COOPERMAN, W. A.; FURNESS, H. D.; FURNESS, G. M., (French and German exempted); FURNESS, JOHN F.; GORDON, JOHN S. W.; GORDON, WILFRED, II.; GORDON, WILLIAM H.; HOBBS, Y. C., (Latin and German exempted); KENNEDY, JAMES H.; McLEOD, C. C.; MacLEOD, W. P.; MACKIE, J. C.; McNEVIN, F. C.; MacDONNAN, M. J.; MORRISON, D. Y., (Language exempted); RUSSELL, ARTHUR W., (Greek exempted); RUSSELL, V. D.; STEWART, EDWARD H., (German exempted); STEWART, JAMES B.; STEWART, WILLIAM H.; STUART, MARY ETHEL; VANCE, E. S.; WILLIAMS, WILFRED R.

SPECIAL EXAMINATION.

Junior Chemistry.—MacKintosh, FOLLY R.

SUPPLEMENTARY EXAMINATIONS.

Latin.—Trial: CAMPBELL, J. R.; DeWolfe, Margaret W. Passed: CAMPBELL, A. H.; BOSS, D. C.; BOSS, W. A. First: HARRISON, T. R.

GRASSA.—Fourth: Morton, J. B. Third: Wood, G. Second: Wood, G.; Macdonald, W. A.

FRANCE.—Senior: Morton, J. B. First: Blatchford, M. W.

FRANCONIA.—Junior: Ross, D. C.; Kerr, H. H.; McLeod, J. C.; McKay, R. U.

FRANCE.—Senior: Rodin, W. R. Junior: O'Brien, M. A.; Buchanan, M.; Kennedy, Elizabeth R.

GEOMETRY.—Senior: Noble, J. D.; Macdonald, D. J.; Doolittle, J. W. First: Buchanan, M.; MacKenzie, G. N.; MacKenzie, W. T. M.

TRIGONOMETRY.—Senior: Buchanan, M.; Rice, Grant; Noble, J. D.; McKay, R. G.

ALGEBRA.—First: Buchanan, M.; Henderson, G.; MacKenzie, G. N.; Noble, J. D.; MacKenzie, W. T. M.

DEGREE EXAMINATIONS.

CLARKS' LISTS.

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

Latin.

FOURTH: Class I. Macleod, D. A.; Crowe, H. S.; McKelvie, J. B.; Grant, C. F.; Harkin, J. G. Class II. Murray, H. E. Passed—Lewis, Jessie B.; Campbell, D. M.D.; Kennedy, Elizabeth R.; Gordon, J. B.; Murray, N. G.; Rankine, Jas. M.; McKay Katie W.

THIRD: Class I. Anderson, C. W. Class II. Nunn, Passed—Campbell, Jessie B.; Donohoe, A. W.; Keith, Donald; Fraser, J. A.; MacKenzie, L. B.; Mackay, Annie; Blue, Grace; Hobbs, A. M.; Cameron, Alison; Fulton, C.; MacKenzie, Jean; Lyle, Doris; Grace B.; Class, Margaret H.; O'Brien, G. W.; Kerr, H. H.

SECOND: Class I. Macdonald, W. S.; Ramsey, R. H.; Macleod, E. A.; Kerr, H. A.; Walden, J. W. Class II. Spence, A. G.; Worraly, P. J.; Howden, Geo.; Beggan, J. R.; Macdonald, M. S.; McKinnon, D. H. Passed—Simpson, Edith; Kaye, G. A.; Cunningham, A. D.; Ross, Annie M.; Ward, E. C.; Ross, J. S.; Hosh, F. C.; Douglas, Edgar (Maiz. Catherine); Rankine, John D.; Macdonald, James; Macdonald, L. L.; Reid, Edith M.; Fergusson, Edith; Macfarland, M. W.; Chisholm, Marjorie Mackay; Scott K. Passed de Christiana Examination—Living, Nancy; Lynch, G. J. Passed de April Examination—MacKenzie, D. W.

FIRST: Class I. Mackie, J. D.; McPherson, M. I.; Williams, Winifred B.; Stewart, J. D. Class II.—Harvey, E. K.; Raggles, V. D.; Carr, J. B.; Ferguson, Jean F. Passed—Gordon, Jean; Young, F. S.; Mackie, Arthur; Stewart, Harry K.; Cameron, Francis; Edith, D. L.; Simpson, Robt. Passed (Special)—Beak, Lillie M. Passed de Christiana Examination—Archibald, E. H.; Forbes, H. D. Passed de April Examination—Kennedy, J. H.; Robertson, Alma; Cook, J. L.; McLean, F. J.; Robinson, S.; Morrison, Doris.

GREEK.

FOURTH: Class I. Macleod, D. A.; Crowe, H. S.; Grant, C. F.; Edingerich, W. R.; Rodin, J. G. Class II.—Munro, D. F. Passed—McKenzie, J. B.; Campbell, D. M.D.; Kennedy, Elizabeth F.; Rankine, Jas. M. Special Examination—Lewis, Jessie B. Passed the April Examination—Wood, G.

THIRD: Class I and II.—Nunn, Passed—Campbell, Jessie B.; Ross, Theodore; Harkin, L. R.; Fergusson, W. O.; MacKenzie, G. N.; Macdonald, L. B.

SECOND: Class I.—Macdonald, W. S.; Kerr, H. A.; Ramsey, E. H. Class II. Macleod, F. A.; Spence, A. G.; Rankine, John. Passed—McKenzie, D. H.; Cunningham, A. R.; Myers, G. A.; Reid, Annie M.; Ross, J. S.; McKinnon, F. G.; Beggan, J. R.; Simpson, Robt.; McRennie, D. W.; Howden, M. W.; Macdonald, Nancy; Ross, W. A.; Maiz, Catherine; Ross, D. C. Passed de April Examination—Morrison, W. A.

FIRST: Class I. Mackie, J. C. Class II.—Young, F. S.; McPherson, M. J.; Raggles, V. D. Passed—McKenzie, G. C.; Harkin, Arthur; Stewart, J. D.; Carr, J. B.; Gordon, Jean. Passed de Christiana Examination—Archibald, F. H.; Macdonald, Jas.

FRENCH.

THIRD: Class I.—(DeWalls, Margaret W.; Worraly, Frances D.; Baird, J. W. A. Class II.—O'Brien, G.; Cook, A. B. Passed—MacKenzie, W. T. M.

SECOND: Class I.—Fava, G. M.; Walden, J. W.; Macdonald, Stewart; (Fergusson, Nancy O.H.; Harvey, Edward K.) Class II.—Gordon, Winifred; Cameron, Jean F.; Reid, Edith M.D.; Wood, J. C.; Mackie, J. G.; Rankine, J. R. Passed (Christiana Exam) Fleissman, Edith; Logan, Jessie M.; Stewart, J. W.; Stewart, G. M.; Campbell, D. M.; Mackay, Nora K.; Lewis, Jessie B.; Lynch, Geo. J.; Mackie, Reg. L.; Smart, Mary E.; Douglas, W. L.; Douglas, Edgna. Passed (Special)—Beak, Lillie M.

FIRST: Class I.—Nunn, Class II.—Benton, L. E. (Beggan, Vernon; Cameron, Francis D. (Blanchard, Hedwig; Macfarland, A.) Passed—Gould, W. M.; Kennedy, J. H.; Mackay, W. P.; Crowe, Henry S.; Simpson, Lillie; Cook, J. L.; Forbes, H. D.; Mac-Caskill, J. J.

GERMAN.

THIRD: Class I.—Nunn. Class II. Lewis, Jessie B. Passed—Nunn.

SECOND: Class I. Stewart, Elizabeth H.; Anderson, B. C.; Williams, Winifred B.; Crowe, H. Beakley; Murray, A. H. S.; MacKenzie, Geo. W. Class II.—Nunn, Passed—McKay, Ann; Grant, Arthur W.; Fergusson, Jean M.D.; (Hibbs, E. C.); Stewart, R. C.; Ferguson, W. O.; Rankine, L. E.; MacKenzie, W. T. H.; Cameron, Ed.; Morrison, H. T.; Oedinger, C. A.

FIRST: Class I.—Messenger, Ralph; Anderson, C. W. Class II.—Stewart, W. K.; Harvey, James. Passed—Blue, Grace; Simpson, Edith; Gould, W. M.

SPANISH.

FOURTH: Class I.—Davis, B.; LATINO, F. E. Class II.—Haverlock, Alice; Rossie, Isobel; Wood, George. Passed—Macdonald, A. R.; Noble, J. D.; Campbell, Jessie; Kennedy, Winifred; Anderson, J. H. A.; Macdonald, A. J.; Murray, N. G.; Reid, B. B.; Rankine, J. B.; Henderson, R.; McMurtry, Elizabeth; McKay, Katie; Morrison, W. A.; Ross, W. A.; Gordon, A. R.; (Beak, Isobel); Macdonald, D. S.; McPherson, W. T. M.

THIRD: Class I.—Beckley, A. W. Class II.—Chase, Margaret; Gould, W. P.; McKay, Nancy. Passed—Macdonald, A. L.; Keith, D.; Haverlock, Alma; Harris, Grace D.; (MacKenzie, Jane; Blue, Grace J.; Lindsay, G. R.; Ibbot, J. A.

Second: *Class I*—Myer, C. A.; Macdonald, W. S.; Harvey, E. H.; Fleming, Ethel; Henderson, E. *Class II*—Mason, E. A.; Wood, P. G.; McKay, Nora K.; Simpson, Ruth; Walden, J. W.; Stanley, F. J.; Fleming, Nancy; New, Catherine. *Passed*—Macdonald, F. O.; Reed, Anne; (Piper, G. H.); Reed, Edna; Ross, J. H.; Cunningham, A. R.; Kent, H. A.; (Chapman, Maud); Blackwell, M. W.; (Macdonald, M. B.); MacDonoug, J.; McKeown, D. W.; Holt, E. C.; Fleming, J. M.; McKinnon, B. H.; Rankin, J.; Douglas, K.; Bradley, J. S.; Anderson, B. G.; Spencer, A. C.; Bradley, T. A.; Ferguson, J. A.; Stewart, G. M.; Woodhead, E. J.; Dawson, W. B.

Failed—*Class I*—Stewart, Mrs. K.; Stewart, J. D. *Class II*—Foster, Jean B.; Graham, Mildred; Williams, Winifred; Donald, Helen F.; Harvey, M. K.; Jordan, Jean; Spots, Susan L.; Farnell-McPherson, M. A.; Kennedy, J. H.; Davitt, A.; Lincoln, Helen; Simmonds, LBB; (Craw, J. H.); Mackie, J. C.; McLeod, Margaret; (Stewart, W. C.); Vance, J. S.; McInnes, K. J.; Stewart, R.; (Footes, B. D.); MacIsaac, Beatrice; (Grove, H. S.); Gould, W. H.; McArthur, A.; Cameron, F.; Ritchie, B. L.; Suggs, V. B.

HEBREW.

Second: *Class I*—Solgenitz, W. H.; Hockis, J. G.; Seelye, C. H. *Class II*—Lagan, Bernice W.; MacKinnon, W. T. M.; Powell, DeWalle, Margaret W.; Rankin, J. M.; Macdonald, A. J.; Noble, J. D.; Bead, H. B.; O'Brien, M. A.; Harvey, B. P.; Colquhoun, J. C.; Wood, George; Egan, D. C. *Special List*, None II.

JUNIOR: *Class I*—Darr, Roy; Rothkopf, A. W.; Ross, Yvonne. *Class II*—Gerrard, Alison; McKay, Annie; Chase, Margaret M.; Eyr, Grace E.; Farnell-McPherson, Doris H.; Keith, D.; Gordon, E. F.; McInnes, C. G.; Anderson, C. W.; Macdonald, E. H.; Gault, W. K.; McLeod, A. M.; Anderson, J. B. S.; Ross, G. M.; MacKinnon, Jean; Ferguson, E.; Macdonald, A. J.; Kennedy, J. A.; O'Brien, C. W.; Kent, H. H.; Campbell, Jessie B.; MacLeod, C. G.; Egan, G. W.; Macdonald, J. G.; Burns, Grace D.; Fisher, J. A.; Cunningham, W. A.; MacKinnon, B. H.; (Stoner, E.); Egan, Frank J.; Buchanan, M.; Sutherland, Edith; Holt, A. M. *Special Examinations*—O'Brien, G. F.

POLISH EXAMINER.

ADVANCED: *Class I*—None. *Class II*—McKinnon, W. T. M. *Passed*—Wood, George; Carter, James II.

JUNIOR: *Class I*—Solgenitz, W. H.; Ross, Theodora; Heston, J. G.; Crane, H. S. *Class II*—Seelye, F. H.; Lagan, Bernice M.; Joyce, Kennedy; Elizabeth B.; McLeod, J. W.; Heston, Margaret W.; Fisher, Frank; Kent, H. A.; McLeod, A. J.; New, George M.; Green, B. J.; Harvey, Nancy; McKay, Nancy; O'Brien, M. A.; Rankin, J. M.; Lawson, P. F.; Foster, H. K.; Cunningham, W. A.; McKay, B. G.; Harvey, L. B. *Special Examinations*—Stewart, B. P.; O'Brien, G. F.

FRANCOIS.

ADVANCED: *Class I*—Blackburn, A. B. *Class II*—Sutherland, G. A., M. A.; Powell, Nicholson, J. W. A., B.A.; Carter, M. May, M.A.; Macdonald, F. H.; Cunningham, W. O.; Ross, W. A.

SENIOR: *Class I*—Blackburn, A. B.; Macdonald, G. N.; Solgenitz, W. H.; Macdonald, F. H. *Class II*—Anderson, J. H. A.; Mackin, J. B.; Ross, W. A. *Passed*—Faulkner, W. O.; Reed, H. L.; Noble, J. D.; McKeown, W. A.; McKay, Kate W.; Wood, George; Carter, J. H.; Lagan, Bernice M.; Holt, A. M.; O'Brien,

M. A.; Chase, Margaret H.; Henderson, Alan H.; Dicks, Gordon W.; Gray, C. E.; Woodhead, D. J.; Murray, N. G.; Seelye, C. H.; Macdonald, A. J.; Cunningham, M.; Colquhoun, J. G.; Ross, D. C. *Special Examinations*—Harvey, T. R.

SENIOR: *Class I*—Macdonald, G. K.; Anderson, J. H. A. *Class II*—Dunbar, W. E.; Chase, Margaret H.; Parshamara, W. G.; Davis, Roy; Anderson, G. W.; Powell—McLeod, A. M.; Ross, E.; McLeod, C. G.; Ferguson, J. A.; Gilmer, B.; McKinnon, J. B.; O'Brien, M. A.; Cunningham, A.; Macdonald, A. L.; Fisher, Frank; Ross, G. M.; MacKeown, Jessie; Macdonald, L. B.; Forbes, C. E.

JUNIOR: *Class I*—Macdonald, W. S.; Harvey, E. H.; Myers, G. A. *Class II*—Mason, E. A.; McKinnon, D. H.; Macdonald, M. S.; Reed, Annie M.; Lawson, P. F.; Henderson, Geo.; Kent, H. A.; MacKeown, D. W.; Simpson, Ethel. *Passed*—Fleming, Nancy O. B.; Weir, P. J.; Holt, Catherine F.; Spencer, A. C.; Ross, J. S.; Macdonald, Kevin; Cunningham, A. B.; (Reed, Edith M.); Walton, J. W.; McKay, Nora K.; (Rankin, J.); Wood, T. C.; Bradley, J. A.; Macdonald, F. G.; Clithero, Maud; Douglas, E.; (Blackburn, M. W.); Harvey, G. S. *Failed in Psychology*—Macdonald, James; Stewart, Grace H.

GERMAN.

Class I—Craw, H. B. *Class II*—Ames, H. May, B.A.; Dempsey, Isabelle; Fulton, C.; Lagan, Bernice W.; Walker, Agnes. *Passed*—Eggenstein, Ethel; Egan, Jean; DeWalle, Margaret W.; Beatrice Abeying; Kennedy, Elizabeth E.; Spence, Grace H.; Stewart, B. F.; Macdonald, H.; Adams, Violet; Holt, K.; McKeown, Bernice G.

MATHEMATICS.

ADVANCED (partial course): *Passed*—Stewart, Elizabeth H.

SENIOR: *Class I*—Jones, C. M.; Holt, T. G.; Reed, Edith M.; Anderson, B. C.; Harvey, E. H.; Walton, J. W.; MacKeown, D. W.; Ferguson, F. H.; Macdonald, W. S.; Stanley, Fleming, J. M. *Class II*—Myer, C. A.; Cunningham, A. R.; Kent, H. A.; Bradley—Went, G. M.; McKinnon, D. H.; Macdonald, F. G.; Bradley, J. A.; Harvey, J. R.; Spencer, A. G.; Douglas, B.; McKay, Nora K.; Ross, J. S.; Macdonald, M. Stewart; Simpson, Ruth; Wood, T. C.; O'Brien, Maud; Rankin, J.; Lagan, G. J.; MacLeod, E. A.; Mann, Catherine F.; Wood, T. J.; Blackburn, M. W. *Failed in Geometry*—Fleming, Nancy O. B.; Ferguson, A. *Failed in Trigonometry and Algebra*—MacKeown, Geo.; Macdonald, A. P. M.

JUNIOR: *Class I*—Martin, J. C.; Gould, W. M. *Class II*—Williams, Winifred H.; Carter, V.; Harvey, E. H.; Mackie, A. J.; Spence, W. H.; Stuart, M. Ethel; Vance, F. S.; Macdonald, A. Powell—Fleming, Catherine; Gordon, Jean; McPherson, M. A.; Stewart, Jean E.; Cook, J. L.; Kennedy, J. H.; Mackay, W. P.; Higgins, V. H.; Stewart, J. D.; Graham, Mildred; Crane, H. S.; Forbes, H. D. *Failed in Geometry*—Carter, Anna; Carr, J. B.; McInnes, K. J.; Heston, B. L.; McKeown, N.

TRIGON.

ADVANCED MATHEMATICAL: *Class II*—McKay, T. U., M. A.

SENIOR: *Class I*—Campbell, H. M. *Class II*—Holt, J. W. A.; Egan, J.; Harvey, A. H. B. *Passed*—Hemphry, E. J.; Watt, A. W.; McKinnon, G. W.; Lawler, Gertrude; Moody, Georgia H.; Stewart, B. P.

JUNIOR: Class I.—Paes, G. M.; Steph, P. C. **Class II.—**Anderson, R. C.; Messenger, R. J.; (Clark, W. R.; Ross, E.); Searns, J. A.; Moody, George, M.; (Wiering, Edw. Lawler, Gertrude); Passed—Irish, A. M.; Anderson, C. W.; Fleming, J. M.; Glavin, B.; Fulton, C.; Cunningham, W. A.; (O'Brien, O. F.; Noel, Edw. H.); Rosalidge, A. W.; (Burton, L. E.; Ross, H. H.); McLeod, A. M.; (Maltosh, C. C.; Maclean, G. M.); (Fisher, E.; Burton, G. M.; Mackay, D. G.; Ross, G. M.); Mackay, Annie; Birch, Lynn; Anderson, J. H. A.; Keith, D.; Chase, Margaret H.; MacDuffell, J. J.; (Cunning, A.; Probst, G. E.; MacIntyre, A. L.; Rice, Grace).

FRANCIS: (Administratively arranged in Classes.) Class I.—Barrow, J.; Lindsay, C. F.; Morrison, H. T. **Class II.—**McKenzie, G. W.; Murray, A. W. A. Passed—Stewart, B. F.

CHEMISTRY.

SENIOR: Class I.—Paes, G. M.; Anderson, R. C. **Class II.—**Cunningham, A.; Burton, G. H. Passed—Fleming, J. M.

JUNIOR: Class I.—Mackie, J. C.; Gould, W. M.; Murray, R. R.; Berris, Grace D.; (Hochst, A.; Stewart, W. K.). **Class II.—**Williams, Wilfrid E.; (Forest, Joan R.; Campbell, D. G. J.); Cameron, E.; (MacKay, Annie; Foster, J. A.) Passed—McIntosh, A.; Macrae, Susan I.; (Holmes, Hulske; Carr, J. B.; Green, H. R.; Stewart, J. D.; Ross, H. T.; MacDuffell, G. M.; Scott, Mary E.; Kennedy, J. R.; Angus, F. R.); Cook, J. L.; Maclean, W. E.; Douglas, V. D.; Gordon, Isaac; McPherson, M. J.; Lynch, George J.; Farber, H. D.; Ritchie, R. L.

ADVANCED PRACTICAL (Inorganic): Class I.—None. **Class II.—**MacDuffell, W. T.; Bann, J.

ADVANCED PRACTICAL (Physiological): Class I.—None. **Class II.—**Cook, A. D.

SENIOR CLASSICAL: Class I.—Stewart, Elizabeth H.; DeWolfe, Margaret W. **Class II.—**Moxy, Gertrude W.; Decker, C. A. Passed—Henderson, G.

JUNIOR CLASSICAL: Class I.—McKenzie, G. W.; Morrison, H. T.; Messenger, R. J. **Class II.—**Neil, J. W. A.; Fleming, J. M.; Lawler, Gertrude. Passed—Cunning, J. R.; O'Brien, O. P.; Moody, George; O'Brien, C. W.; Murray, M. L.; West, G.

METALLURGY.

Class I.—Campbell, D. M.

DISCIPLINARY GOVERNMENT.

Class I.—(Morrison, H. T.; Paes, G. M.); Anderson, R. C.; Fleming, James. **Class II.—**Fulton, G. W.

FACULTY OF LAW.

DEGREE EXAMINATIONS.

Accepting the arrangements in the order of merit in the First and Second Class, and alphabetically in the Third Class, of students who have passed in the degree of B.A.

TEARS.

Class I.—(Inorganic): Paes; Fennell. **Class II.—**Jardine; Kilham; Douglas; Pearson; Nichol, F. W.; Begg. Passed—O'Hearn; Ireland; Raitt.

REAL PROPERTY.

Class I.—Paes; Bates; Reynolds; Douglas; Ireland. **Class II.—**Begg; Jardine; O'Hearn; Fennell; Towner. Passed—Finlayson; Massey; Kilham; Pearson; Nichol, F. W.

CONTRACTS.

Class I. Paes; Finlayson. Class II.—Beaton; O'Hearn; Jardine. Passed—Massey; Raitt; Begg; Towner; Pearson.

BILLS AND NOTES.

Class I.—Burdell; McInnes; Finlayson; Newcombe; McKay, H. S.; Puzey; Mackay; O'Connor; Gray; Math; MacEwan; Nichol, E. H.; Douglas; MacKay, J. J.; Pitt; Weddell; Maltosh; Foster; Lash; Barclay; Robertson; Brown; Lamb; Ayr; Greenway; Purdy; Mackintosh; MacDuffell; Mills; Fennell; Cameron; Baker. Passed—Cherry; McMillan; O'Mullin; Harris; Boyd; Dunn; Pearson, W. R.; Soley; Pearson, G. H.; Schanzer; Johnston.

CONSTITUTIONAL HISTORY.

Class I.—Paes, H. S.; McInnes, W. H. **Class II.—**Paes; Begg; Richardson; MacEwan, A. W.; Ross, T. Passed—Blairford, A. R.; Bates; Finlayson; Fulton, C.; Jardine; Keith, D.; Lawson, P. E.; Pearson; Towner.

CIVIL LAW.

Class I.—Burdell; Paes; Richardson; Jardine. **Class II.—**O'Hearn; Weddell; Pearson; Douglas. Passed—Begg; Ireland; Bates; Finlayson; Kilham; Massey; Nichol, F. W.; Pearson; Reynolds; Towner.

PROCEDURE.

Class I.—Bursey; MacLachlan; Weddell. **Class II.—**Pearson, G. H.; Begg; Boyd; Baker; Mitchell, R. H. Passed—Lash; O'Connor; Pearson, W. E.; Latta; Pearson; MacEwan; Mackay; MacEwan; Pitt; Dunn; Nichol, G. R. R.

SHEPHERD.

Class I.—Burdell; McIntyre; Gray; Newcombe; O'Connor; Cameron; McInnes; Weddell; Puzey. **Class II.—**MacLachlan; Johnson; Math; Cunningham; Purdy; Soley; MacEwan; Nichol,

E. H.; Richardson; Ayre; Jamieson; Sargent; Parsons, W. B.; MacLaren; Lecky; Robertson; Paterson; Donald—Boyd; Church; Tait; Paterson; Finn; Finca; Harris; Kaulbach; Lamb; McKay, H. S.; McKay, J. J.; McMillan; Matheson; Mills; Murphy; Nichols, G. E. E.; Oakes; O'Neill; Parsons, G. H.; Schumann; Slayter; Tully.

ESQTS.

Class I.—Burdell; (McLennan; O'Connor); Finn; MacEwen; Cummings; Nelson; Farney; Gray; Paterson; Jamieson; Douglas; *Class II.*—MacLeod; Ayre; Finca; Robertson; Blyden, E. H.; Newcomb; Murphy; Cameron; Ross; Searley; McNeill; Matheson; Sargent; O'Leary; McKay, H. S.; McKay, J. J.; Tully. *Passed.*—McMillan; Washburn; Johnston; Harris; Nichols, F. W.; Lamb; Kilham; Fawcett; Church; Nichols, G. E. E.; Richardson; Parry; Parsons, W. B.; Lecky; Burt; Schumann; Struman; McLatchy; Parsons, G. H.; Mills; O'Neill.

PAEDIATRIC AND OBSTETRY.

Class I.—Burdell; MacEwen; MacLeod; Newcomb. *Class II.*—Church; Cameron; McMillan; Gray; McLatchy. *Passed.*—Ayre; Boyd; Cummings; Douglas; Davis; Ferguson; Finn; Finca; Harris; Jamieson; Johnston; Kilham; Lecky; McNeill; McLennan; McKay, H. S.; McKay, J. J.; Nelson; Mills; Murphy; Matheson; Nichols, E. E.; Nichols, F. W.; Nichols, G. E. E.; Oakes; O'Connor; Parsons, G. H.; Parsons, W. B.; Parry; Paterson; Paterson; (Robertson); Robertson; Sargent; Schumann; Searley; Slayter; Tully; Washburn.

COURSE OF LAWS.

Class I.—Kane. *Class II.*—Nichols, E. H.; Cummings. *Passed.*—Parry; Parry; Parsons, G. H.; Tully.

INTERNATIONAL LAW.

Class I.—Parry; MacEwen; Nelson; Cummings; O'Connor; Finn; MacLeod. *Class II.*—Oakes; McLatchy; Boyd; Jamieson; Parsons, W. B.; Parry. *Passed.*—Davis; Johnston; Lecky; Mills; Nichols, G. E. E.; Robertson.

CONSTITUTIONAL LAW.

Class I.—Gray; McLennan; Newcomb; Richardson; McLennan. *Class II.*—McDonald; Sargent; Struman; McKay, J. J.; Nichols, F. W.; Murphy. *Passed.*—Cameron; Church; Douglas; Fawcett; Finca; Harris; Kilham; Lamb; McKay, H. S.; McMillan; O'Neill.

FACULTY OF MEDICINE

GENERAL PASS LIST.

(A) Historical Order.

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

(A) First Year.

Braun, Lawrence B. W., (suppl.); Cameron, Harold; Cochran, W. N.; Cook, Alex. D., (suppl.); Cooke, A. F. A., (suppl.); Cardine, C. A., (suppl.); Cox, R. B.; Crosby, I. M.; Dalboug, Marie J.; Dymond, W. A., (suppl.); Faulkner, E. E.; O'Donnell, Florence M.; Falger, G. H.; Reynolds, W. P., (suppl.); Beach, E. H.; Roberts, W. H.; Shaw, R. P.; Thomas, Lewis; Wardrop, M. J.; Woodhead, G. H.

(B) Second Year.

Braun, Whitford B.; Dymond, W. A.; Frost, Victoria S.; Farrell, Edward, (suppl.); Forbes, Albert E.; Gilmour, F. J.; Goodwin, W. V.; Pennington, J. W.; Ebert, Sylvia; Randall, Mary T., (suppl.); Reynolds, W. P.; Selzer, O. B.; Taylor, F. W.

First M. D., C. M. Examinations.

(A) Third Year.

Alison, W. B.; Atkinson, E. P.; Farrell, Ed. D., (suppl.); Farrell, E. P.; Goodwin, W. V.; McDonald, H. M., (suppl.); Mackay, J. S.; G.; McLean, M. P.; McMillan, C. E., (B. A.); Murray, J. G.; Randal, Mary L.; Shaw, R. P.

(B) Fourth Year.

Archibald, M. G.; Roche, R. A.; Parkley, A. F.; Forrest, W. D., (B. Sc.); Gardner, G. G.; McNeill, D.; McKenzie, M. D.; Morton, A. M.; Thompson, Alfred.

DEGREE EXAMINATIONS.

CLASS LIST.

Containing the names arranged in order of merit of students who passed in the BACCALAUREATE OF THE MEDICAL CLASSES.

JUNIOR ARRANGED.

Beach, E. E.; Crosby, I. M.; Frances, Lewis; Wardrop, M. J.; Faulkner, E. E.; Roberts, W. H.; Tullaghan, W. H.; Tullaghan, Marie J.; Goodwin, W. N.; Cox, R. B.; O'Donnell, Florence M.; Woodhead, G. H.; Cameron, Harold; Cardine, C. A.; Cook, A. D.; Falger, G. H.

HONORARY.

Beach, E. E.; Crosby, I. M.; O'Donnell, Florence M.; Faulkner, E. E.; Roberts, W. H.; Cochran, W. N.; Woodhead, G. H.; Thomas, Lewis; Cox, R. B.; Wardrop, M. J.; Dalboug, Marie J.; Cameron, Harold; Falger, G. H.; Selzer, F. G.; Cardine, C. A.; Supplimentary: Braun, Lawrence B. W.; Dymond, W. A.

JUNIOR CHEMISTRY.

Faulkner, E. R.; Thomas, Lewis; Robbins, W. H.; Wardrop, M. J.; Broun, L. E.; Crosby, L. M.; Orr, B. R.; O'Donnell, Florence M.; Woodland, G. H.; Archibald, C. C.; Frame, P. L.; Irvine, J. E.; DeOssigi, Made J.; Cameron, Harold; Cochran, W. R.; Palmer, G. H.; Dickson, C. H.; Striffler, W.

Supplementary.—Clark, A. F. A.; Reynolds, W. E.

Junior Physical Chemistry.—Kush, E. B.; O'Brien, C. W.

BIOLOGY.

Hebb, A. M.; Robinson, W. H.; Crosby, L. M.; Thomas, Lewis; Dauch, E. H.; Cardiner, C. A.; McKeehan, J. H.; O'Donnell, Florence M.; O'Brien, C. W.; DeOssigi, Made J.; Orr, B. R.; Zeitler, F. G.; Hankins, E. B.; Deussen, J. D.; Archibald, C. C.; Wardrop, M. J.; Dickson, C. H.; Morse, G. D.; Woodland, G. H.; Cochran, W. R.; Cameron, Harold; Striffler, W.; Frame, P. L.; Palmer, G. H.; Melson, W. E.; Shaw, S. E.; Hatt, J. B.; Ferguson, J. A.; Irvine, J. F.

SENIOR ANATOMY.

Reule, Winifred B.; Seltzer, O. B.; Pratt, Nelson; Forbes, Albert E.; Giovanni, L. J.; Taylor, F. W.; Thomas, W. A.; Reynolds, W. E.; Goodwin, W. V.; Brazier, L. B. W.

Special.—Brazier, Victoria S.; Pennington, J. W.

Supplementary.—Farrill, B. D.

PATHOLOGY.

Irwin, Victoria S.; Deussen, W. A.; Goodwin, W. V.; Pratt, Nelson; Reule, Winifred B.; Forbes, A. E.; Pennington, J. W.; Reynolds, W. E.; Seltzer, O. B.; Taylor, F. W.

Supplementary.—Kendall, Mary L.; Freeman, L. G.

SENIOR PHYSIOLOGY.

Hebb, A. M.; Irwin, Victoria S.; Pennington, J. W.; Reule, Winifred B.; Goodwin, C. A.; O'Brien, M. A.; Pratt, Nelson; O'Brien, C. W.; Reynolds, W. E.; Seltzer, O. B.; Forbes, Albert E.; Broun, L. B. W.; Taylor, F. W.; Giovanni, L. J.; Dymond, W. A.

Special.—Clark, A. D.; Goodwin, W. V.

SENIOR PHYSICAL CHEMISTRY.

Irwin, Victoria S.; McKeehan, J. B.; Hebb, A. M.; Seltzer, O. B.; Pratt, Nelson; Reule, Winifred B.; Goodwin, C. A.; Reynolds, W. E.; Giovanni, L. J.; Taylor, F. W.; Brazier, L. B. W.; Pennington, J. W.; Forbes, Albert E.; Dymond, W. A.

Special.—Goodwin, W. V.

MATERIA MEDICA AND THERAPEUTICS.

McMillan, C. E.; Murray, J. G.; Mackay, J. St. Clair; Almon, W. B.; Farrill, Mary L.; Farrill, L. P.; Atkinson, R. P.; Melson, M. T.; Goodwin, W. V.; Shaw, S. E.

Supplementary.—Rand, Ed. H.; McDonald, R. M.

MEDICAL JURISPRUDENCE AND HISTORY.

Atkinson, R. P.; Farrill, Mary L.; Almon, W. B. R.; Goodwin, W. V.; Mackay, J. St. Clair; Melson, M. T.; McMillan, C. E.; Murray, J. G.; Shaw, S. E.; Farrill, E. D.; Farrill, L. F.

PATHOLOGY AND BACTERIOLOGY.

Baker, R. A.; McMillan, C. E.; Mackay, J. St. Clair; Goodwin, W. V.; Archibald, M. G.; Thompson, Alfred; Murray, J. G.; Farrill, Mary L.; Morton, A. McD.; Farrill, L. P.; Almon, W. B. R.; Forrest, W. D.; Melson, M. T.; Atkinson, R. P.; Goodwin, C. G.; McKenzie, M. D.; Farrill, R. D.; Buckley, A. F.; Shaw, S. E.; Mackay, H. L.; McDonald, D.; McDonald, R. M.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.

Archibald, M. G.; Becher, R. A.; Thompson, Alfred; Gardner, G. G.; McKenzie, M. D.; Forrest, W. D.; Buckley, A. F.; Morton, A. McD.; McDonald, D.

STOLOGY.

Baker, R. A.; Archibald, M. G.; Thompson, Alfred; Morton, A. McD.; Goodwin, W. B.; Gardner, G. G.; McKenzie, M. D.; Buckley, A. F.; McDonald, D.; McDonald, R. M.; Mackay, H. L.

CLINICAL SURGERY.

Archibald, M. G.; McDonald, R. M.; Thompson, Alfred; Forrest, W. D.; Baker, R. A.; Morton, A. McD.; Buckley, A. F.; McKenzie, M. D.; Gardner, G. G.; McDonald, D.; Mackay, H. L.

PRACTICE OF MEDICINE.

Becher, R. A.; Forrest, W. B.; Thompson, Alfred; Archibald, M. G.; Gardner, G. G.; Morton, A. McD.; McKenzie, M. D.; McDonald, D.; McDonald, R. M.; Buckley, A. F.; Mackay, H. L.

CLINICAL MEDICINE.

Becher, R. A.; Thompson, Alfred; Archibald, M. G.; Gardner, G. G.; Morton, A. McD.; Forrest, W. B.; McKenzie, M. D.; McDonald, R. M.; Buckley, A. F.; Mackay, H. L.; McDonald, D.

GRADUATES.

DOCTORS OF LAWS.

(HONORIS CAUSA.)

Doddy, Fred. L. W., M.A., Ph.D., P.R.S.C., Univ. of N. B.	1890
Giffin, E. J. M., F.O.S., P.R.S.C., Inspector of Mines, Halifax	1892
Guyot, Very Rev. G. M., D.D., P.R.S.C., Bishop of Queen's Univ., Kingston	1892
Kingsford, William, C.B., LL.D., P.R.S.C., Ottawa	1899
MacKay, A. H., B.A., B.Sc., P.R.S.C., Sup. of Education, Halifax	1892
Paterson, Rev. George, D.D., N.B.S.C. (1898)	1906
Salgrove, Rev. R., Judge Supreme Court of Canada, Ottawa	1903
Thompson, Hon. Sir J. S. D., K.C.M.G., P.C. (1861)	1892

MASTERS OF ARTS.

Allen, Rev. John M., Edinburgh	1878
Arnold, Rev. Joseph, D.D., Bala, New Hebrides	1871
Archibald, Rev. Alexander D., Halifax	1897
Archibald, H. T., Trent	1898
Archibald, Sam. R., (Rev. John A. Macdonald, Malton, N. Y.)	1894
Archibald, Rev. W. D., B.D., Stazayev	1878
Austin, M. May, Halifax	1898
Baxter, Agnes S., Ph.D., (Mrs. S. E. HULL, Halifax, Nova Scotia)	1892
Bayne, Prof. H. A., Ph.D., P.R.S.C. (1861)	1872
Bird, Tilly Agnes, Farmington, N. S.	1896
Bischof, Harry V., Trent	1896
Bonick, Robert J., Boston, Mass.	1890
Bosley, George N., Yarmouth	1897
Camron, Rev. W., New Glasgow	1898
Camron, Rev. J. J., Stokessburg, Ontario	1871
Campbell, W. H., Trent Academy	1895
Carr, Rev. A. E., Campbellton, N. B.	1871
Chase, Rev. J. H., Chisle	1869
Christman, Rev. D. C., (1861)	1869
Crowell, Rev. Edwin, Channing, N. S.	1861
Curtis, Rev. F. A., Georgetown, Vermont Co.	1895
Dickie, Alfred, Upper Stewiacke	1888
Finlayson, H. H. K., LL.B., New Glasgow	1858
Forbes, Edgar W., Dartmouth	1887
Forsyth, James, (1841)	1852
Foster, Rev. Arthur B., N. B., Hiramville	1897
Fraser, Rev. David A., Waltham	1897

Grant, D. K., Halifax	1891
Grenn, George A., Trinidad	1865
Grenn, M. P., Port Morison	1895
Grenn, Rev. T. J., B. D., River John	1895
Harrington, Estley B., Halifax	1894
Hitch, Bertha B., Montserrat	1894
Hogburn, W. M., Pictou	1899
Horsman, Rev. J. G., B.D., Calgary	1874
Hudson, W. C., Pictou	1891
Jameson, Harriet J., Halifax	1895
Jordan, Edward E., Prince of Wales Coll., P. R. T.	1898
Jordan, Rev. L. H., B. D., Toronto	1878
Langille, R. M., LL.B., Westville	1889
Lopes, J. D., M.A., Ph. D., Hampton, Mass.	1894
Lopes, Rev. R., Santa Paula, Cal.	1880
McArthur, Rev. S. J., Montreal	1894
Macdonald, Charles G. W., Falkenstein	1885
McDonald, J. H., (1878)	1879
Macdonald, Rev. E. M., Wolfville	1890
MacIntyre, Prof. J. C., D.Sc., Halifax	1874
McIntosh, Rev. Charles D., Grand Bay, N. B.	1897
Macintosh, Rev. J., B.D., Hopewell	1898
MacKay, Rev. S. W., Pictou, Canada	1895
McKay, Jas., Pictou	1895
MacKay, Rev. J. D., B. D., Halifax	1899
McKay, Mary A., Dartmouth	1897
McKay, Thomas G., Dorchester	1898
McKenzie, Ellen M., Stellarton	1896
McKenzie, Hugh, Trent	1878
McKenzie, Prof. J. J., Ph.D., (1878)	1872
McLellan, Rev. Laurence H., B.A., (Queen's) [St. Matthews, C. B.]	1897
McLennan, Rev. J. W., B.D., California	1887
McLeod, Rev. A. W., Ph.D., (1871)	1878
McLeod, Rev. J. W., (1861)	1880
McNair, Rev. Wm. W., Sheet Harbor	1897
McNaughton, Rev. Samuel, Preston, England	1870
McPhar, Margaret J., Halifax	1898
Milligan, Rev. G. S.	1895
Morris, Thomas A., Halifax Academy	1894
Murray, Prof. W. C., M.D., (McIntosh) Coll. of Medicine, Halifax	1893
Nascombe, E. L., LL.B., Dep. Min. of Justice, Ottawa	1881
Nicholson, J. W., A., Olan	1898
Paterson, George G., New Glasgow	1897
Robins, R. P., Cornell Univ.	1896
Ross, Dudley D. V., Stanley Bridge, P. E. I.	1896
Ross, Jennie W., Kentville Academy	1896
Ross, Mary S., Halifax	1890
Scott, Rev. Ephraim, Montreal	1875
Smith, Rev. D. H., Trent	1874

Smith, Rev. J. F., <i>B.D.</i> , (1894)	1890
Smith, Rev. William H., <i>B.D.</i> , <i>Warwick</i>	1897
Smith, Rev. R. G., <i>B.D.</i> , <i>Newport, N. S.</i>	1896
Sutherland, G. A.	1898
Tuday, James H., <i>Halifax</i>	1886
Truman, A. L., <i>D.C.L.</i> , <i>St. John</i>	1878
Truman, Margaret F., <i>Holbert Ladies' College</i>	1899

MASTER OF LETTERS.

Muir, Ethel, <i>Ph.D.</i> , <i>Prof. of Philosophy, Mc. Holyoke</i>	1893
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MASTER OF SCIENCE.

Archibald, Ebenezer Henry, <i>Marion, Cal. Co.</i>	1898
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BACHELORS OF ARTS.

The signs and symbols prefixed in these names to the names have the following significations:

- * Graduated with High Honours in Classics.
- * Graduated with High Honours in Classics.
- * Graduated with High Honours in Latin and English.
- * Graduated with Honours in Latin and English.
- * Graduated with High Honours in Greek and English.
- * Graduated with Honours in Greek and English.
- * Graduated with High Honours in English and German.
- * Graduated with Honours in English and German.
- * Graduated with High Honours in English and French History.
- * Graduated with Honours in English and English History.
- * Graduated with High Honours in Philosophy.
- * Graduated with Honours in Philosophy.
- * Graduated with High Honours in Mathematics and Mathematical Physics.
- * Graduated with Honours in Mathematics and Mathematical Physics.
- * Graduated with High Honours in Pure and Applied Mathematics.
- * Graduated with Honours in Pure and Applied Mathematics.
- * Graduated with High Honours in Experimental Physics and Chemistry.
- * Graduated with Honours in Experimental Physics and Chemistry.
- * Graduated with High Honours in Chemistry and Chemical Physics.
- * Graduated with Honours in Chemistry and Chemical Physics.
- * Graduated with Good Distinction.
- * Graduated with Distinction.
- o *Governmental Gold Medal.*
- o *Government General Silver Medal.*
- o *His Majesty's General Silver Medal.*
- o *The Victoria Gold Medal.*
- o *The Victoria Gold Medal.*
- o *University Medal.*
- o *Nominated for 1891 Exhibition between Scotland and*
- o *Avery Medal.*
- o *Specialist's Honour Prize in Mathematics.*
- o *Specialist's Honour Prize in Classics.*

NOTE.—Persons in 1885 in the lower First Rank Honours and Second Rank Honours were not instead of High Honours and Second Rank Honours respectively and the names First Rank General Distinction and Second Rank General Distinction instead of Great Distinction and Third Rank respectively.

Adams, H. S., <i>Prof. of Medicine, St. Boniface, Winnipeg</i>	1884
Adams, R. T. D., <i>Newcastle, N. B.</i>	1895
Adams, W., <i>St. John, N. B.</i>	1885
Adair, Rev. John M., <i>Edinburgh</i>	1873
Adair, Edmund P., <i>Halifax</i>	1889
Adair, Rev. Matthew G., <i>Halifax</i>	1886
Adair, Edward E., <i>Colborne</i>	1893
Adair, Rev. Joseph, <i>D.D.</i> , <i>Santo, New Brunswick</i>	1860
Adair, Adams B., <i>Halifax</i>	1885
Adair, Rev. Alexander D., <i>Halifax</i>	1885
Adair, Rev. F. W., <i>M.A.</i> , <i>B.D.</i> , <i>Ph.D.</i> , (1881)	1877
Adair, Herbert T., <i>Truro</i>	1887
Adair, Sam E., (Mrs. John A. Maclellan), <i>Wabun, N.Y.</i>	1892
Adair, Rev. W. P., <i>R.D.</i> , <i>Sandy Bay</i>	1879
Adair, Miss May, <i>Halifax</i>	1887
Adair, Miss, <i>Master Marston</i>	1886
Adair, F. W. M., <i>Digby</i>	1892
Adair, A. S., <i>Halifax</i>	1893
Adair, Agnes S., <i>Ph.D.</i> , <i>Chas. S. R. Hill, Lincoln, Neb.</i>	1901
Adair, Prof. H. A., <i>Ph.D.</i> , <i>N.R.S.C.</i> , (1881)	1899
Adair, Rev. E. S., <i>Halifax</i>	1871
Adair, F. H., <i>Halifax</i>	1876
Adair, J. A., <i>Truro</i>	1883
Adair, Miss A., <i>Barrington, N. S.</i>	1895
Adair, H. V., <i>Truro</i>	1894
Adair, Aubrey R., <i>Truro</i>	1895
Adair, C. W., <i>South Amherst</i>	1889
Adair, R., <i>Barrington, N.S.</i>	1884
Adair, J. W., <i>Wasson, Brest, Ireland</i>	1891
Adair, Wm. S., <i>Halifax</i>	1888
Adair, B. M., <i>Lower Newmarket, N. B.</i>	1889
Adair, Rev. W. P., <i>M.D.</i> , <i>Church Point, N. B.</i>	1879
Adair, Rev. C. W., <i>Halifax, N. W. T.</i>	1873
Adair, James Joe, <i>Sydney, C. B.</i>	1887
Adair, Marjorie, <i>St. Ann's, Victoria Co.</i>	1898
Adair, Charles J., <i>Sydney, C. B.</i>	1897
Adair, Rev. J. C., <i>Daaville, Cal., U. S.</i>	1897
Adair, Robert J., <i>Truro, Mass.</i>	1889
Adair, George K., <i>Yarmouth</i>	1891
Adair, Charles H., <i>Halifax</i>	1886
Adair, Rev. J. A., <i>M.A.</i> , <i>Scottsboro</i>	1878
Adair, Rev. John, <i>B.D.</i> , <i>Malvern</i>	1889
Adair, W. S., <i>Truro</i>	1887
Adair, C. R., <i>Halifax</i>	1879
Adair, Mrs. W., <i>New Glasgow</i>	1887
Adair, Rev. J. H., <i>Russell, N. W. T.</i>	1878
Adair, Rev. J. J., <i>Stamper, Ont.</i>	1887
Adair, William, <i>Merigonville</i>	1875
Adair, Rev. Alvin H., <i>Wasson, N. B.</i>	1898

Campbell, Alexander J., Trans.....	1898
Campbell, D. F., M. A., Harvard Univ.....	1900
Campbell, Danaus Melb, Salmon River, Colchester Co.....	1893
⁹¹ Campbell, George M., M. D., <i>Harvard</i>	1862
Campbell, E. S., British Colonists.....	1902
Campbell, William R., Trans Academy.....	1887
Canalchini, J. M., New Glasgow.....	1879
Carr, Rev. S. P., Campbellton, N. B.....	1868
Carson, Rev. G. S., Paines, N. B.....	1893
Chandler, P. R., Trans.....	1878
Chandler, R. P., New Glasgow.....	1877
Chapman, Rev. A. G., Salisbury, N. B.....	1846
Chase, Rev. J. B., Oriskany.....	1891
Christie, Rev. L. M., <i>ibid.</i>	1828
Christie, Nias E., Melford, Mass.....	1905
Clarke, Rev. Isaac Melb, Chipman, N. B.....	1888
Clarke, Harold M., Trinidad.....	1897
Clark, David G., West River, Platon.....	1892
⁹² Collis, Rev. P. J., <i>ibid.</i> , in Cooper, Belgium, Ohio Univ.....	1880
Collis, Rev. F. S., M. A., Lower Stewiacke.....	1855
Collis, Robert L., Chathamtown, P. E. I.....	1897
⁹³ Collis, V. R., Ph. D., Ass. Prof. of Hist. Univ. of Wisconsin.....	1867
Copple, U. A.....	1850
Coppage, John G., Little Harbour.....	1896
Copps, Frank H., M. D., <i>U. M.</i>	1887
Cornett, James R., Halifax.....	1828
Cosley, Alfred, Halifax.....	1851
Cox, George L., Shelburne.....	1891
Crawford, Rev. J. A., Metoposia, P. Q.....	1894
Crawson, Rev. D. F., <i>ibid.</i>	1873
⁹⁴ Crawson, H. G., R. S., Pambro Unité, Indiana.....	1861
Crichton, J. G. A., Orkney.....	1838
Crichton, H. S., Dartmouth.....	1891
⁹⁵ Crichton, J. E., Ph. D., Prof. of Metaph., Cornell Univ.....	1867
⁹⁶ Crooks, Henry S., General Bishop.....	1819
⁹⁷ Crowell, Rev. Edwin, Canby, N. S.....	1880
Crofton, Rev. W., R. D., Montreal.....	1872
⁹⁸ Cunning, Essie A., Halifax.....	1846
Cunning, Melville, Trans.....	1897
Cunningham, Alfred C., Lower Oriskany.....	1846
Cunningham, Edward, Halifax.....	1867
Curtis, William D., Halifax.....	1805
Curtis, Rev. F. A., Chipewagan.....	1853
Dakin, William, Trans.....	1867
Davidson, J. F., Passaic, Grant Co., New Mexico.....	1882
Davidson, Lilla A., Halifax.....	1800
DeBorja, James Melb., Halifax.....	1880
Deason, Alex. H., Westville, Platon Co.....	1897
DeWald, Margaret W., Halifax.....	1898
Deane, Alfred, Upper Stewiacke.....	1878
⁹⁹ Deakin, Gordon, Mildred.....	1896
Dickie, Rev. Henry, Windsor.....	1863
Dill, Rev. E. M., R. D., Summerside, P. E. I.....	1884
Douglas, Ernest A., Merridun.....	1895
Douglas, Rev. John R., Annapolis.....	1868
Dove, W. S., Dartmouth.....	1854
¹⁰⁰ Ducklow, H. P., Victoria Academy.....	1895
Duff, Kenneth, Lunenburg.....	1873
Dunsmuir, R. R. J., <i>ibid.</i>	1879
Dunster, Ebenezer R., Filly Village.....	1867
Dunston, Duncan, M. C. C., Grand River, O. B.....	1893
Eaton, Arthur F., Lower Stewiacke.....	1897
Eaton, Rev. J. M., Malpas, P. E. I.....	1859
¹⁰¹ Eggar, H. H. K., <i>ibid.</i> , New Glasgow.....	1865
Eliopoulis, Rev. James.....	1875
Evans, Antoinette.....	1887
Evans, C. W., Dartmouth, N. B.....	1883
Evans, Wm., Little Harbour, Platon Co.....	1807
Evans, James, <i>ibid.</i>	1860
Evans, Rev. A. R., R. D., Albany, N. B.....	1885
Evans, Rev. D. A., Windsor.....	1863
¹⁰² Evans, Abner, New Glasgow.....	1869
Evans, Rev. A. J., M. D., Post Elgin, N. B.....	1895
Evans, Rev. Daniel, Kingsport, Kent Co., N. B.....	1887
¹⁰³ Evans, D. A., New Glasgow.....	1865
Evans, Hax. D. G., M. P., New Glasgow.....	1872
Evans, Rev. D. S., Springville, Cal. Co.....	1874
Evans, H. M., <i>ibid.</i>	1891
Evans, Rev. John K. G., Alton, P. E. I.....	1880
¹⁰⁴ Evans, Rev. W. H., Halifax.....	1888
Evans, W. R., Ph. D., New York.....	1882
Evans, Victor C., Providence, R. I.....	1882
Evans, Wm., <i>ibid.</i>	1880
¹⁰⁵ Evans, E. M., Ph. D., Prof. of English, Wells College.....	1889
Fairer, G. H., M. D., <i>U. M.</i> , Trans.....	1874
Fairton, W. H., Halifax.....	1864
¹⁰⁶ Fairweather, Isaac, Montreal.....	1861
¹⁰⁷ Fairweather, Rev. J. L., M. A., Montreal.....	1873
Fairweather, Emily M., St. John, N. B.....	1861
Fairweather, R. H., New Glasgow, N. S.....	1801
¹⁰⁸ Fairweather, Clarence F., Post Narvon.....	1859
Fairweather, D. K., Halifax.....	1848
Fairweather, George A., Trinidad.....	1898
Fairweather, M. D., High School, New Glasgow.....	1894
Fairweather, M. F., Post Narvon.....	1894
Fairweather, Mary S., Post Narvon, C. B.....	1860
Fairweather, Rev. R. J., R. B., River-Point.....	1884

Gard, W. B., (Ed.)	1877
Gates, Rev. H. G., Andover, N. H.	1892
Gery, W. S., Hopewell, N. R.	1891
Grimson, John A., Weymouth Bridge	1885
Grimson, Rev. Robert, Kyoto	1830
Gunn, Rev. Atlas, Carlisle, P. E. I.	1872
Hamilton, B. H., Paken	1877
Harrington, Emily R., Halifax	1822
Harvey, Rev. Michael, Mosser River, Halifax Co.	1850
Hartie, Robert M., Halifax	1894
Hubb, Bertha S., Academy, Kentville	1899
Henry, Joseph K., British Columbia	1899
Hopkins, W. M., Pictou	1895
Houston, A. W., Pictou	1877
Hudson, Rev. J. C., St. John's, C. B.	1874
Hudson, W. C., Pictou	1874
Hutchington, Mrs. F., Halifax	1882
Hill, Alan M., Halifax	1856
¹¹ Hill, A. R., Ph. D., Prof. of Philosophy, Univ. of Toronto	1892
¹² Holmes, Clara C., Mrs., Alex. Laird, Post Hops, Ont.	1891
¹³ Hoodin, John G., Halifax	1890
Hosmer, Coradine A., Alberton, P. E. I.	1893
¹⁴ Hugh, David D., M. A.	1891
Hunter, John, California	1873
Irvine, Rev. Thomas, Isaac's Harbor, N. S.	1836
Jardoux, Hayter J., Halifax	1891
Johnson, Rev. J. W., Clarks and Barrington	1891
¹⁵ Johnson, Rev. George F. B., St. J. D., Highy	1892
Johnson, Rev. O. M., (Ed.)	1858
Johnson, J. B., New Glasgow	1822
Jones, Frank, Highy	1854
Jordan, Elijah J., Chicago Zoological Station	1861
¹⁶ Jordan, E. E., Editor of Water Ont., P. E. I.	1865
Jordan, Rev. L. H., St. J., Toronto	1875
Keefer, Ralph T., Bridgewater	1822
Kennedy, Elizabeth K., Halifax	1893
Kennedy, James S., Post Hops, N. S.	1881
Kingson, F. S., Jr. D., Coorpton	1890
Kirwin, J. H., M. A., New Bedford, Mass.	1882
Laird, Rev. Alex., Post Hops, Ont.	1890
¹⁷ Laird, A. G., Ph. D., Prof. of Greek, Univ. of Wisconsin	1894
Laird, B. A., Montreal	1877
Laird, B., Cedar Hill, B. C.	1892
¹⁸ Laurie, B. W., J. L. D., Westville	1885
¹⁹ Lawson, Thomas, Charler	1825
Layton, J. S., Montreal	1862
Levin, Rev. Abner W., B. D., Charlotte Co., N. H.	1868
Levin, Bessie B., Terre	1899
²⁰ Levis, E. W., Principal High School, Campbellton, N. B.	1890

Lindsay, A. W. H., B. B., C. M., Halifax	1879
Lippincott, Asbury, M. D., Hantsburg, Pa.	1867
Locke, E. T., Lunenburg	1863
Logan, Bessie M., Terre	1895
²¹ Logan, J. D., M. A., Ph. D., Hampton, Mass.	1893
²² Logan, J. W., Academy, Halifax	1894
Logan, Melville, Halifax	1873
Lopez, Rev. Richmond, Santa Paula, Cal.	1877
McArthur, Rev. S. J., Montreal	1893
McCarthy, Rev. J. L., Richmond, M. B.	1861
McCarthy, S. T., New Glasgow	1877
McDonald, A. F., Halifax	1892
McDonald, Rev. A. J., Loch Rannoch, Antigonish Co.	1862
²³ McDonald, Blanche, Halifax	1896
Macdonald, C. de W., Edmonton	1873
Macdonald, Daniel J., Police Exam. P. E. I.	1885
McDonald, Rev. Donald, B. D., Stratford, C. B.	1884
McDonald Ida Grace, River John	1893
²⁴ McDonald, J. A., Halifax	1883
McDonald, J. H., (Ed.)	1867
Macdonald, Rev. F. M., Wolfville	1894
McDonald, Walter J., Hopewell, N. S.	1889
McDonald, William, Terre	1888
Macdonald, W. M., Halifax	1881
McDonald, Isaac, (Ed.)	1876
McFarlane, Rev. J. A., B. D., Bridgewater, C. B.	1891
McGee, Rev. Daniel, Antigonish	1874
McGee, Paul J. G., B. Sc., F. R. S. C., Halifax	1871
²⁵ McGregor, Robert M., New Glasgow	1896
²⁶ McGregor, T. S., Laird Head of Or	1883
McIntosh, Rev. C. D., Grand Bay, N. B.	1855
McIntosh, D. C., Springville, N. S.	1899
²⁷ McIntosh, D. S., New Glasgow	1892
McIntosh, Philip H., Spring Brook	1834
McIntosh, Rev. J. K. D., Hopewell	1894
²⁸ McIntosh, Rev. J. A., Malton, N. Y.	1862
²⁹ McKay, A. H., B. Sc., F. R. S. C., Supt. of Education, Wis.	1873
McKay, Alex. L., Historical Milk	1895
³⁰ McKay, Rev. A. W., Hastings, Colorado	1894
McKay, Catherine W., Dartmouth	1894
McKay, D. McI., M. A., St. John's	1843
³¹ McKay, Rev. B. O., Chatham	1839
³² McKay, Prof. Emanuel, Ph. D., Dalhousie College	1895
³³ McKay, H. M., B. A. Sc., Antigonish, Pictou	1898
³⁴ McKay, Ira, Pictou	1867
McKay, Rev. J. D., B. D., Halifax	1864
McKay, Rev. Kenneth, Houlton, Me.	1865
McKay, Mary A., Dartmouth	1895
McKay, M. S., Carleton Place, N. S.	1892

McKay, Neil P., Regina, N. W. T.	1886	Martin, K. J., Charlottetown, P. E. I.	1885
McKay, Thomas G., Harbour 1883		Maun, Rev. W. A., Knapp 1877	
McKay, Rev. William H., Brantford 1888		Matheson, Rev. J. A., R. O., Princeton, Ont. 1888	
McKeon, Rev. J. A., Orono, Ontario 1873		Maxwell, George H., Halifax 1897	
McKenzie, A. B., Ph. D., Prof. of Physics, Bryn Mawr, Pa. 1887		Maxwell, Ulrich E., Halifax 1897	
McKenzie, Elias M. 1894		McNeill, Humphrey, Halifax 1897	
McKenzie, Hugh, Toronto 1872		Miller, Rev. E. D., Vancouver, B. C. 1893	
McKenzie, Rev. James, Acadia Minster 1878		Miller, Rev. George, Brookfield, P. R. I. 1893	
McKenzie, John H., Campbellton, N. B. 1898		Miller, James R., Annapolis 1887	
McKenzie, Prof. J. J., Ph. D., Halifax 1899		Milligan, Rev. G. S. 1884	
McKenzie, Rev. J. W., Rev. St. Peter's, P. E. I. 1882		Moore, C. G., Victoria Academy 1891	
McKenzie, Rev. W. J., (Ed.) 1888		Moore, Rev. A. V., Elizabeth 1891	
McKinnon, John A., Halifax 1886		Morris, C. H., Windsor 1899	
McKintosh, Benjamin, Toronto 1877		McOwen, A. M., Victoria, California 1894	
McLain, C. A., Englishton, C. B. 1892		Morris, James R., Ottawa, Emancipator 1884	
McLain, J. M., M. D., British Columbia 1879		Morris, Joseph S., M. D., Shelburne 1879	
McLain, Rev. J. A., Toronto, N. B. 1895		Morris, H. B., Briganator 1885	
McLean, Rev. J. B., B. D., Upper St. Charles 1881		Morris, Silvanus A., Halifax Academy 1884	
McLennan, Laurence A., Narsby Hope, Pictou Co. 1887		Morris, Rev. Christopher, Oxford, N. S. 1891	
McLennan, Stuart C., New Glasgow 1897		Morris, G. W., 17 St. Vancouver Street, New York 1874	
McLennan, Rev. J. W., B. D., California 1882		Morris, Rev. J. B., Annapolis 1870	
McLennan, S. J., Sydney, C. B. 1888		Marsden, William G. 1890	
McLeod, Rev. A. W., Ph. D., (Ed.) 1872		Murray, D. A., Ph. D., Feas, in Mathematics, Cornell Univ. 1894	
McLeod, Andrew W., M. A., (Ed.) 1888		Murray, John C., Queen's University 1890	
McLeod, Rev. Donald 1874		Murray, J. S., (Ed.) 1877	
McLeod, F. J., M. A., Prof. of English, Univ. of Toronto. 1890		Murray, John T., Toronto 1890	
McLeod, George, Murray River, P. E. I. 1885		Murray, Leoy C., (Mn. W. F. Koch, Quebec, Citra. 1886	
McLeod, J. M., M. A., Valleyfield, P. E. I. 1888		Murray, Norman G., Halifax 1898	
McLeod, J. P., Vancouver, B. C. 1884		Murray, B. H., LL. B., Halifax 1884	
McLeod, Rev. J. W., (Ed.) 1874		Murray, Wilson, Annapolis 1893	
McLeod, Matthew J., Halifax, P. E. I. 1887		Newcombe, E. L., LL. B., Treas. Min. of Justice, Ottawa. 1878	
McMahon, C. P., Halifax Medical College 1891		Newcombe, M. P., (Mn. J. S. Trimm), Ladies Coll., Halifax 1883	
McMillan, E. A., Albany Plains, P. E. I. 1891		Nicholson, Alfred, M. A., Newark, N. J. 1880	
McMillan, Rev. G. W., Kootenai 1875		Nicholson, John W., A. Obs., Richardson Co. 1897	
McNair, Rev. W. W., St. John's Harbour 1886		Noble, John D., Montreal 1896	
McNaughton, Elizabeth, Scotchb., St. John's, N. B. 1891		Osler, Ingram, New Albany 1886	
McNaughton, Rev. Samuel, Pictou, N. B. 1867		O'Brien, Wilson A., Acad 1898	
McNeill, Charles M., (Mn. H. Moteney, Halifax) 1857		Osborne, A. C., (Ed.) 1891	
McNeill, Murray, Fellow, Canada Fair 1894		Ostry, J. M., LL. B., Montreal 1874	
McPherson, David, St. Catharines, P. E. I. 1892		Paine, Vincent J., Bridgewater, N. S. 1893	
McPherson, David, Miss. C. B. 1897		Patterson, George G., New Glasgow 1892	
McPhee, Margaret J., Bedford 1874		Pattison, Colin, M. D., C. M., (Ed.) 1877	
McQueen, A. G., Edinburgh Univ. 1898		Polack, Rev. J. F., Little River, Halifax Co. 1886	
McQueen, A. W., M. A., St. John's, N. B. 1886		Polack, A. W., (Ed.) 1872	
McQuibban, Donald A., Canon Court, P. E. I. 1898		Poston, Harold, Toronto, N. B. 1893	
McRae, James H., Kootenai 1886		Poston, Rev. Homer, (Ed.) 1893	
McRae, W. H., Ph. D., Academy, Parramatta 1891		Potter, J. F., Montreal 1891	
McRae, Harry F., Halifax 1893		Potter, William G., M. A., C. M., Toronto 1892	
McRae, Albert J. H., Valleyfield, P. E. I. 1893		Rankin, Jas. M., Halifax 1898	

Taites, Rev. E. J., Noel	1890
Tard, Richard B., Athol	1898
Tate, David M., Middle Westchester	1897
Tebb, Geo. Alexander F., Kingston, N. B.	1894
Tetherton, S. N., North Westport, P. R. I.	1892
Therrien, T. H., Knoxville	1883
Thibault, E. P., Valley, Cornell Univ.	1895
Thompson, Alexander, Vancouver, B. C.	1891
Thompson, C. B., Academy, Plattsburgh	1891
Thompson, D. M., Bethel, Colchester	1893
Thompson, G. E., Vancouver, B. C.	1885
Thompson, Rev. J. M., Montreal	1878
Thompson, J. A. O., Plaquid, P. E. I.	1896
Thross, Rev. Andrew, New Glasgow	1878
Thurs, Alexander, Dalhousie, N. S.	1867
Thurs, Arthur, Phoenix	1897
Thwaites, Rev. George E., R. J., N. W. Acad., Halifax	1868
Thwaites, Holley, D. V., New York State	1881
Thwaites, Jennie W., Knoxville Academy	1895
Thwaites, Mary S., Honolulu	1894
Thwaites, Rev. William, Prince William, N. B.	1873
Thwaites, Wm. A., Lewis	1896
Thwaites, William D., Christiesburg, P. R. I.	1896
Thwaites, G. A. R., Halifax	1899
Thwaites, Rev. A. G., Oyster Bay, La. I., N. Y.	1871
Thwaites, G. W., New York	1880
Thwaites, Rev. Ephraim, Montreal	1872
Thwaites, Rev. Prof. H. Wm., D. D., Chicago	1870
Thwaites, J. Wm., (bibl.)	1877
Thwaites, J. A., Halifax	1881
Thwaites, Hon. Robert, Judge Supreme Court of Canada	1867
Thwaites, W. Harry, Middle Westchester	1898
Thwaites, William M., Interscholar	1891
Thwaites, Henry G., Vancouver, B. C.	1887
Thwaites, James C., Jr., A., Vancouver High School, B. C.	1887
Thwaites, Perry J., Waterville	1897
Thwaites, Robert, (bibl.)	1896
Thwaites, Harry F., Halifax	1897
Thwaites, F. S., R. J., High School, New Glasgow	1894
Thwaites, Rev. Isaac S., Lacerte, Ind., U. S. A.	1893
Thwaites, Alex., Princeton	1893
Thwaites, Rev. D. H., Trent	1867
Thwaites, Rev. Edwin, Middle Westchester	1867
Thwaites, R. B., Trent	1890
Thwaites, Rev. James F., R. J., (bibl.)	1886
Thwaites, Rev. W. H., D., Ferris	1894
Thwaites, Rev. Allan, Watford, N. U.	1899
Thwaites, D. M., Principal New Glasgow High School	1865
Thwaites, Rev. W. H., Marquette, P. E. I.	1861

Thwaites, H. R., Halifax	1861
Thwaites, Blanchard, P. Eglis, N. B.	1898
Thwaites, Alexander F., Pictou	1887
Thwaites, David, Jr. D., Bridgewater	1880
Thwaites, P. A., Acadia, Sydney	1880
Thwaites, James McF. (bibl.)	1875
Thwaites, Rev. Thomas, R. D., Dartmouth	1892
Thwaites, Rev. Alexander D., Middle Westchester	1896
Thwaites, John, Acadia	1895
Thwaites, H. M., New Westminster, B. C.	1878
Thwaites, Rev. E. C., D. D., Newpark	1895
Thwaites, George A., Dartmouth	1896
Thwaites, Rev. J. M., Viribus, Man.	1889
Thwaites, Rev. J. S., Sussex, N. B.	1885
Thwaites, Rev. G. P., N. W. T.	1894
Thwaites, W. B., (bibl.)	1888
Thwaites, Rev. A. W., M. A., Cores, Trinidad, W. I.	1885
Thwaites, Rev. F. W., Upper Massachusetts	1891
Thwaites, Margaret, Acadia	1897
Thwaites, William S., North Sydney	1883
Thwaites, A. K., Seaside, England	1880
Thwaites, W. M., I. C. S., Marine Prep, Indis	1870
Trey, E. J., Windsor	1882
Trey, J. D., Halifax	1885
Trey, A. J., D. C. E., St. John	1872
Trey, Fred. J. S., (bibl.)	1892
Trey, Rev. W. M., M. A., Acadia	1885
Trey, J. W., Ph. D., Prof. of English, Western Coll., Ont.	1891
Trey, D. E. D., London, G. B.	1864
Trey, Prof. John, Ph. D., D. Sc., Kingston, Ont.	1877
Trey, Wm. H., jr., Halifax	1897
Trey, Rev. John, Lone City, Asshet, Cal., U. S.	1870
Trey, Arthur W., Phoenix	1898
Trey, R. G. L., M. A., Milton High School, Mass.	1891
Trey, T. F., Prince of Wales College, Charlottetown	1891
Trey, Clara F., White River Junction, Vt.	1892
Trey, E. A., Northern Pacific Ry. Co., St. Paul	1892
Trey, Alfred, Halifax	1878
Trey, George A., Halifax	1867
Trey, George, Halifax	1896
Trey, P., B. A., Pictou	1894

BACHELORS OF LETTERS.

(For the significance of class and number prefixed to the names, see p. 112.)

Crocker, Albert R., Hingham, Boston Co.	1867
Fraser, J. G., Toronto	1892
Gunn, A. D., St. Peter's, C. B.	1895
Hill, Amy, Halifax	1896

Johansen, J. R., Halifax.....	1886
McDonald, Der. A. D., Montrose, P. K. I.....	1894
McKay, W. P., Truro.....	1896
McIntosh, W. T. Morris, Annapolis.....	1898
Macmillan, Lillian C., Halifax.....	1899
Montgomery, John, St. John.....	1891
Muir, Ribal, Ph. D., Prof. of Philosophy, St. Holyoke.....	1901
¹ Ritkin, Miss, Ph. D., Assoc. Prof. of Pathol., Wallingford Co., 1887	

BACHELORS OF SCIENCE.

(For the classification of degrees and institutions referred to in the names, see p. 124.)

² Archibald, M. Ebenezer H., Florence, Colchester Co.....	1857
Archibald, Der. George, Lakeside, N. W. T.....	1862
Blair, Alex. D., Loch Broom, Pictou Co.....	1867
Cameron, A. G., Newton, Guysborough Co.....	1882
Campbell, G. L. M. D., Truro.....	1882
Cook, Alex. D., Halifax.....	1889
Forsyth, W. D., Halifax.....	1885
Francis, Rev. W. M. B. A., (Dal.), Halifax.....	1886
³ Langr, C. C. A., New York.....	1885
McCull, A., New Glasgow.....	1858
⁴ McIntosh, D., Centralville.....	1886
McIntosh, D. S. R. A., (Dal.), 1868; 1886; 1891	1886
McKee, G. W., Harvard Univ.....	1882
⁵ McKinnon, F. J. A.....	1884
Miller, J. J., Halifax.....	1886
McMorison, Hugh T., Dartmouth.....	1888
O'Brien, R. F., York, Jerns Co.....	1888
⁶ Raid, A. G., M. R. C. H. (Edin.), England.....	1883
Smith, Rev. H. McN.....	1854
⁷ Stewart, Anne A., Philadelphia.....	1858
Tait, J. Strachan, M. S. (Mc, A.), B. S., Medical Dept. N.H., Hospital for Insane, St. John's. 1844.....	ad. classes, 1857

BACHELORS OF LAWS.

Atter, Travers D., R. A., (Dal.), Newcastle, N. B.....	1867
Allison, Edmund P., R. A., (Dal.), Halifax.....	1891
Anderson, A. H., B. A., (Mc, A.), Lunenburg.....	1823
Armstrong, E. H., Halifax.....	1860
Armstrong, E. H., Yarmouth.....	1868
Barnard, A. S., B. A., (Dal.), Halifax.....	1867
Beauregard, A. W., Sackville, N. B.....	1868
Beauregard, R. N., Durham, N. B.....	1823
Bignold, H. V., B. A., (Dal.), Truro.....	1866

Bill, P. M., R. A., (Acad.), Shelburne.....	1892
Bischoff, H. S., B. A., (Acad.), Halifax.....	1891
Boak, H. W. C., Halifax.....	1883
Borden, B. C., Halifax.....	1893
Boyce, William J., Vancouver, B. C.....	1890
Boyd, John A., R. A., (Mc, A.), Antigonish.....	1898
Brown, H. W., R. A., (Acad.), Priv. Sec'y Min., Ottawa, Ontario.....	1893
Brown, C. R., B. A., (Queen's), Priv. Sec'y Min., Ottawa, Ontario.....	1894
Calder, Charles D., B. A., (Dal.), Halifax.....	1881
Carter, Fred., Port Hood.....	1891
Cameron, D. A., Sydney.....	1866
Campbell, Alex., Sydney.....	1889
Campbell, Alex. J., B. A., (Dal.), Truro.....	1889
Campbell, J. H., B. C. L., (King's), St. John.....	1888
Carter, Timm James, Antigonish, N. B.....	1885
Carter, William D., Richibouctou, N. B.....	1880
Cass, C. B., R. A., (Mc, A.), Antigonish.....	1892
Chabot, Joseph A., Halifax.....	1886
Clancy, Andrew, Halifax.....	1887
Crofton, F. H., Halifax.....	1891
Crofton, B. T., B. A., Ph. D. (Tor.), Halifax, ad. classes granted, 1859	
Cupp, A. B., Halifax.....	1884
Curbit, J. E., Truro.....	1892
Crown, R. W., R. A., (Mc, A.), Halifax.....	1904
Crown, Walter, Sydney.....	1886
Cunningham, Alfred, G., R. A., (Dal.), Quebec.....	1896
Cunningham, Selwyn W., R. A., (Acad.), Truro.....	1899
Davies, J., M. B., M. A., (Dal.), Halifax.....	1881
DeKeth, G. O. M., New Westminster, B. C.....	1893
Deak, W. S., R. A., (Dal.), Halifax.....	1885
Deyle, Matthew N., Halifax.....	1862
Fairweather, F. L., Sussex, N. B.....	1894
Fairweather, G. L., St. John.....	1891
Ferguson, Wm. M., Esplanade.....	1897
Finlayson, Duncan, R. A., (Mc, A.), M. P. P., Grand River, C. B.....	1893
Fin, Robert E., Dartmouth.....	1884
Forsythe, G. C., M. A., (Acad.), Port Harborough.....	1889
Fraser, J. F., Halifax.....	1890
Fraser, A. D., B., Librarian Cornell Law Library.....	1892
Fraser, Thomas M., New Glasgow.....	1898
Fotherton, C. P., Halifax.....	1828
Fulton, E. M., Truro.....	1862
Fulton, J. A., Lower St. Michaels.....	1898
Fulton, W. H., R. A., (Dal.), Halifax.....	1897
Gierst, B. L., B. A., (Mc, A.), Big Tarrville.....	1883
Graham, R. B., Brookfield.....	1891
Graham, B. H., B. A., (Dal.), New Glasgow.....	1891
Grant, D. K., M. A., (Dal.), Halifax.....	1823
Gregory, C. K., Antigonish.....	1888

Cleeson, J. A., B. A. (Hd.), Waymouth Bridge.....	1893
Coom, Alexander D., B. L. (Dal.), St. Mary's.....	1897
Harriott, C. F., B. A. (Univ. Coll., Ottawa.) (obit.).....	1890
Darright, Fred. W., B. A. (King), Halifax.....	1887
Hasty, W. A., Halifax.....	1896
Henson, E. H., B. A. (Mt. All.), Oxford, N. S.....	1894
Hill, W. A. G., Sydney.....	1894
Hood, John, Shelburne.....	1898
Hosay, F. W., New Westminster, B. C.....	1899
Huggins, W. H., Halifax.....	1890
Irvine, B. S., Berwick, N. B.....	1894
Jess, W. B., Peterborough.....	1885
Jones, Stewart Dixon, LL. B. (Cornell), Parrsboro.....	1890
Jeanette, Brodie V., New Glasgow.....	1846
Johnston, L. M., Halifax.....	1892
Johnson, James R., B. A. (Dal.), Halifax.....	1886
Jones, H. T., Halifax.....	1888
Kendrick, Eugene C., Lunenburg.....	1898
Kroffer, Ralph T., B. A. (Dal.), Bridgewater.....	1895
Kenny, J. R., Halifax.....	1893
King, H. W. DeW., Halifax.....	1893
Knight, James A., Halifax.....	1897
Loose, C. W., Lunenburg.....	1887
Leahy, William J., Halifax.....	1898
LeVair, M. C., Halifax.....	1896
Lindsay, H. J., M. C., Amherst.....	1891
Loyds, William James, Crosby, N. B.....	1890
Lovett, Harry A., B. A. (Acad.), Trent.....	1881
Lovers, Lawrence A., Kennebunk.....	1865
Lyons, William A., Halifax.....	1887
McBride, Richard, New Westminster, B. C.....	1890
McCart, Leonard D., B. S. (Acad.), (obit.).....	1866
McCoy, W. B., B. A. (Mt. All.), Halifax.....	1893
McCready, Charles A., Moncton.....	1888
McCully, Frank A., B. A. (U. N. B.), Saco, N. S.....	1897
McDonald, A. F., B. A. (Dal.), Halifax.....	1894
McDonald, A. J., B. A. (St. Fran. Xav.), Sydney.....	1891
MacDonald, B. M., M. P. P., Pictou.....	1897
McDonald, Joseph, North Sydney.....	1891
McDonald, J. A., B. A. (Dal.), Halifax.....	1888
McDonald, L. K., Sydney.....	1862
McDonald, William, B. A. (Dal.), Trent.....	1890
MacFaden, Francis A., Sydney.....	1895
MacFadyen, R. F., Halifax.....	1895
MacInnes, Hector, Halifax.....	1889
McKay, Adams A., B. A. (McGill), Halifax.....	1889
McKay, John W., Pictou.....	1897
McKay, Homer, Sr., Plymouth.....	1890
MacKinnon, Alexander G., Amherst.....	1897

McKinnon, D. A., M. P. P., Georgetown, P. E. I.....	1887
MacKinnon, J. A., B. A. (Dal.), Halifax.....	1899
Mohrman, John L., B. A. (St. F. Xavier), Halifax.....	1887
McLachy, Harry O., Grand Pré.....	1896
McLachy, Henry F., Hillsboro, N. B.....	1887
McLennan, A. K., Lunenburg.....	1892
McLean, C. A., B. A. (Dal.), Bridgewater, C. B.....	1895
McLeod, John F., Springhill.....	1898
McLennan, D., Port Hood.....	1888
McNeil, Alex., B. A. (St. F. Xavier), Halifax.....	1891
McNeill, Albert H., Vancouver, B. C.....	1890
McPhee, D. G., North Sydney.....	1890
McPhie, Stewart, West Bay.....	1897
McVicar, Donald, Thomson City.....	1890
Magee, Edgar A., (obit.).....	1893
Mahan, Harry D., B. A. (Dal.), Halifax.....	1888
Martin, S. K., Bridgewater.....	1893
Mathias, P. P., Halifax.....	1892
Mellick, Humphrey, B. A. (Dal.), Halifax.....	1890
Miliken, A. E., Mexico.....	1888
Mills, S. Mark, St. Stephen, N. B.....	1898
Montgomery, John, B. L. (Dal.), St. John.....	1893
Morris, P. C. C., (obit.).....	1885
Morris, Hor. A. R., M. P. P., St. John's, Nfld.....	1892
Morrison, Angh. M. P., New Westminster, B. C.....	1898
Morrison, Fred. A., Milltown, N. B.....	1887
Morrison, John S. M., St. Peter's, C. B.....	1897
Morse, C., Ottawa.....	1883
Mosler, Edgar W., Sydney, C. B.....	1895
Murray, H. H., Vancouver.....	1893
Murray, R. G., St. John.....	1882
Murray, B. H., B. A. (Dal.), LL. B. (Cornell), Halifax.....	1896
Nichols, Ed. H., B. A. (Acad.), Digby.....	1898
Nichols, George R. F., Halifax.....	1893
Nighting, Thomas, Halifax.....	1889
Osler, Lagrang, B. A. (Dal.), New Albany.....	1893
O'Shaughnessy, William F., Halifax.....	1893
O'Shaughnessy, Richard, B. A. (St. F. Xav.), Antigonish.....	1897
Oster, J. F., Halifax.....	1895
Ozley, C. H., B. A. (Mt. All.), Oxford.....	1893
Parsons, George W., B. A. (Acad.), Halifax.....	1894
Parsons, William B., B. A. (Acad.), Halifax.....	1898
Paton, Thomas J., B. A. (Dal.), Whitecourt.....	1891
Patterson, George G., M. A. (Dal.), New Glasgow.....	1880
Patterson, John A., B. A. (King), Halifax.....	1893
Patterson, W. L., B. A. (King), Halifax.....	1894
Paulsen, Robert F., North Sydney.....	1897
Pines, Avard Vernon, B. A. (Acad.), Kewville.....	1890

Fiddington, H. P., St. John.....	1893
Firby, Harry A., B. A. (Acad.), Antigonish.....	1895
Forner, Wilfred F., Shelburne.....	1898
Forsyth, Harold, B. A. (Dal.), Truro.....	1898
Forster, J. A., Bridgewater.....	1899
Forsythe, H. W. N., Dartmouth.....	1899
Forsythe, Henry W., Winkham, N. B.....	1899
Forsythe, S. G., B. A. (Queen's), New Glasgow.....	1904
Forsythe, T. R., B. A. (Dal.), Kentville.....	1904
Forsyth, W. W., Antigonish.....	1907
Foss, Henry T., B. A. (Acad.), Bridgewater.....	1909
Frost, Hugh, Fort Mevins.....	1914
Frost, G. A. B., B. A. (Dal.), Halifax.....	1915
Frost, N. C., Lunenburg.....	1911
Frost, F. W., G. J. (Connell), Dartmouth.....	1911
Frost, Joseph A., Yarmouth, N. S.....	1917
Frost, H. W., B. A. (Mc. Dal.), Windsor.....	1922
Frost, George W., B. A. (Dal.), New York.....	1922
Frost, Frank R., B. A. (Mc. Dal.), Halifax.....	1926
Frost, J. A., B. A. (Dal.), Halifax.....	1926
Frost, A. H., B. A. (Acad.), Windsor.....	1931
Frost, G. R., St. John.....	1935
Frost, J. A., St. John.....	1939
Frost, George S., St. John.....	1922
Frost, Harry R., B. A. (Dal.), Halifax.....	1933
Frost, D. J., Halifax.....	1929
Frost, G. C. R., Halifax.....	1933
Frost, S. R.....	1934
Frost, W. E., Halifax.....	1921
Frost, Walter K., Halifax.....	1937
Frost, L. F. D., St. John.....	1932
Frost, Thomas F., Halifax.....	1939
Frost, C. F., Halifax.....	1941
Frost, Arthur C., B. A. (Acad.), Halifax.....	1939
Frost, W. H., St. John.....	1939
Frost, Clifford A., B. A. (Acad.), Kingston.....	1939
Frost, Gilbert H., Truro.....	1937
Frost, W. B., M. P. F., Halifax.....	1937
Frost, W. W., Halifax.....	1939
Frost, W. Woodbury, M. P. F., Point de Bleu, N. S.....	1939
Frost, T. H., R. A. (King's), Shelburne.....	1931
Frost, Joseph A., Bridgewater.....	1930
Frost, Alfred, B. A. (Dal.), Halifax.....	1935
Frost, H. H., B. A. (Acad.), M. P. F., Digby.....	1931
Frost, John F., B. A. (Acad.), Halifax.....	1936
Frost, C. M., B. A. (Acad.), S. Elizabeth, N. W. T.....	1920

DOCTORS OF MEDICINE AND MASTERS OF SURGERY.

Archibald, Matthew George, Victoria General Hospital.....	1898
Beatty, Robt. D., B. A. (Acad.) N. Brookfield, Queens Co.....	1907
Bairns, J. L., Halifax.....	1915
Bisset, Ernest R., Port Maria, C. B.....	1907
Brown, Robert A., St. John's, Nfld.....	1898
Brown, Martha W., Dartport.....	1897
Brown, Rev. W. T., B. A. (Dal.), Church Point, N. B.....	1875
Buckley, Avery F., Halifax.....	1898
Byles, D. W., Reading, Mass, U. S. A.....	1910
Campbell, D. A., Halifax.....	1874
Chisholm, Donald, St. Louis, Mo., U. S. S.....	1874
Coady, Patrick F., Newton, Mass., U. S. A.....	1893
Copson, W. F., Aldridge, Mont., U. S. A.....	1914
Cor Robinson, Newcastle.....	1876
DeCham, A. A., Upper Mumpshoad.....	1894
DeWolfe, C. H. H., (obit.).....	1872
Dennis, Oscar, S. R. "Miaia," Anglo-Am. Tel. Co., Lond., G. B.....	1907
Dryden, G. K., San Francisco.....	1892
Fairbanks, H. C., Alton, N. S.....	1893
Ferrett, William D., B. Sc. (Dal.), Victoria General Hospital.....	1894
Foster, Alex., B. A. (Dal.), New Glasgow.....	1897
Gardner, George G., Halifax.....	1926
Gates, Charles B., Black Point, St. Margaret's Bay.....	1887
Gent, William, Channel, N.S.....	1892
Gibson, Robert, B. A. (Dal.), Kew.....	1897
Hamilton, Leslie D., Halifax.....	1894
Hamilton, C. A., Halifax Bay.....	1891
Hills, G. W., (obit.).....	1872
Irvine, Archie, Shelburne, Yarmouth Co.....	1892
Jones, Isaac W., A. B. G. P. (Edin.), Bury, Lincoln, England.....	1891
Kent, H. V., Truro.....	1899
Langley, A. W. H., B. A. (Dal.), M. B. C. M. (Edin.), Halifax.....	1875
MacLure, H. W., Liverpool, Victoria Co.....	1893
MacLure, R. W., Shelburne, N.S.....	1892
McIntosh, Daniel, Middle Musquodoch.....	1898
McDonald, J. C., Oxford, N. S.....	1913
Macdonald, William Henry, Ep. Ross Bay, Lunenburg Co.....	1892
McLure, Henry F., O'Leary Station, P. E. I.....	1895
McGeorge, Thomas (obit.).....	1923
McKay, Katherine J., New Glasgow.....	1913
McKeeth, Meredith H., Parrsboro.....	1924
McMillan, Philip, Sherbrooke.....	1922
McGee, William (obit.).....	1872
Meyer, E. J., East Cambridge, Mass.....	1888
Morse, Edmund, Salisbury, N. B.....	1874
Morse, E. F., B. A. (Mc. Dal.), Hosp. for Insane, Dartmouth.....	1920

Morris, A., M. B. G. M. (Edin.), of medicine gradua, <i>Scotlan</i>	1803
<i>Ins. Canada Co. Mont., U. S. A.</i>	1803
Morris, Angus McD., S. K. "Gilmara".....	1808
Muir, W. S., E. R. C. P. & S. (Edin.), <i>Trans</i>	1873
Myles, C. B., <i>Walloo</i>	1883
Murphy, G. N., M. D. (Bellevu), <i>Vermont</i>	1883
Murray, Deason, <i>Lower Vermont</i>	1898
O'Leary, Clara Mary, St. Jaha, N. B.....	1898
Pagant Henry A., <i>Sherbrooke</i>	1897
Pier, F. B., <i>High</i>	1893
Robert, Ossimet (Edin.).....	1875
Ross, Alexander, N. <i>Eschom</i>	1808
Simpson, H. O., <i>Dartmouth</i>	1805
Stangorobite, Serphon S., <i>Commanal Bush, N. S.</i>	1850
Statherland, Rodrick (Edin.).....	1872
Tompson, Alfred, <i>Kioadiko</i>	1898
Tumbull, G. D., <i>Acadia, Vermont Co.</i>	1802
Williamson, Samuel W., <i>Brims, Vermont Co.</i>	1886
Woodworth, P. C., <i>Leaville</i>	1802

STUDENTS. 1807-98.

FACULTY OF ARTS.

GRADUATE STUDENTS

Assan, H. May, L. A.....	Halifax.
Cameron, Iza Wilton, S. A.....	New Glasgow.
McKay, Thomas C., B. A.....	Burtonach.
Nicholson, John W., A., S. A.....	Queen, Richmond Co.
Sutherland, George Adam, B. A.....	Eastport.

UNDERGRADUATES

In Arts.

JUNIOR YEAR.

Blanchard, Aubrey Blanchard.....	Trans.
By the, William Stans.....	Halifax.
Badgass, Murch.....	St. Ann's, Victoria Co.
Campbell, John Henry.....	Edwards.
Campbell, Dugan McDonald.....	Solmer Silver, Col. Co.
Colquhoun, John U.....	Little Barre.
Cooper, James Robert.....	Halifax.
Coyne, Henry Stanley.....	Central Quebec.
DeWolf, Margaret Woodill.....	Halifax.
Grant, Charles Fraser.....	Port Morian, D. B.
Harkin, John George.....	Halifax.
Kennedy, Elizabeth Beate.....	Halifax.
Lewis, Beate Blanche.....	Trans.
Logan, Beata Margaret.....	Trans.
Mosdwell, David John.....	Point Prime, P. E. I.
Mackintosh, Finlay H.....	Bannockburn, Perce Co.
MacRae, Donald Alexander.....	Caron Cove, P. E. I.
McKay, Catherine Watson.....	Dartmouth.
McKinnis, John Beulah.....	Capledon, N. B.
Morris, James Robert.....	Wilton, Quebec Co.
Morris, Henry Prosser.....	Wilton.
Murray, Norman Lemm.....	Halifax.
Noble, John Duncan.....	Minersville, N. B.
O'Brien, Milton Addison.....	Nash, Haute Co.
Rankins, James Miller.....	Halifax.
Reid, Hilbert Robert.....	Arrol, Cumberland Co.
Ross, David Charles.....	Marbleton, Cass.
Ross, William Alexander.....	Leslie, Perce Co.
Scrimshaw, William Henry.....	Mobile Margaretsville.

Seaman, Blanchard Peleg	High, N. B.
Walt, Arthur William	Pictou.
Wood, George	Halifax.

SECOND YEAR.

Anderson, Charles Willoughby	Halifax.
Anderson, James Henry Addison	St. Peter's Bay, P. E. I.
Bates, John William Adams	Upper Helder, N. S.
Burns, James	Halifax.
Burton, Lucia E.	Storford Mills.
Burns, George Dean	Upper Newquandohet.
Campbell, Jessie Brown	Halifax.
Chen, Margaret Henderson	Onslow.
Croning, Alice	Truro.
Davis, Roy	Ulster.
Forsythson, William Owen	Halifax.
Fisher, John Andrew	Pictou.
Fisher, George Ernest	Little Harbour, Prince Co.
Fulmer, Clarence	Lower Scurwicks.
Glover, Benjamin	Georgetown, P. E. I.
Holt, Arthur Morrison	Bradywater.
Keith, Donald, Jr.	Halifax.
Lesley, Charles Fowler	Halifax.
MacKay, Annie	Pictou.
McKerrie, George Norris	Paradise, Cana. Co.
McKerrie, Jane	Bellisle.
McKerrie, Arthur Dennis	Bellisle.
McKerrie, George William	St. George's Channel, G. B.
Messinger, Ralph James	Bellevue.
Moody, Georgina Beal	Halifax.
Murray, A. Henry Stewart	Halifax.
Oxhill, William Howard	Melrose Square, Annap.
Parsons, James Archibald	Halifax, P. E. I.
Ree, Grace Elizabeth Howard	Waymouth.
Ree, George Murray	Blue Mountain, Richd. Co.
Ree, Theodore	Ree's Corner, P. E. I.
Routledge, Arthur Weston	Pydney.
Tappan, Charles Alexander	Dunbar, Prince Co.

THIRD YEAR.

Bentley, John Shipwidge	Truro.
Blackwell, Melville Washell	Truro.
Christy, Allan Herbert	Bedford.
Douglas, Edgar	Halifax.
Flanagan, Nancy O'Brien	Halifax.
Flanagan, Rabel Augusta	Halifax.
Hall, Thomas Clapham	Bellevue.
Henderson, George	Halifax.

Kent, Harry Arnold	Truro.
MacDonald, David North Stanley	New Glasgow.
MacKenzie, Donald Wallace	Flat River, P. E. I.
MacLach, Edward Arnold	Halifax.
Mair, Catherine Fitch	Camphillan, N. B.
McKinnon, Duncan Hugh	Spring Hill, C. B.
Myles, Charles Allan	P. E. I.
Parsons, Ernest Herbert	Halifax, P. E. I.
Rankin, John	Halifax.
Ross, Robert McGregor	Halifax.
Ross, John Samuel	Parsons.
Shannon, Tom	Halifax.
Smith, Aileen Alexander	New Glasgow.
Spence, Arthur Gordon	Truro.
Walden, Joseph William	Halifax.
Wood, Thomas Chalmers	Halifax.
Worsley, Pompey John C.	Halifax.

FOURTH YEAR.

Anderson, Harold Blanchard	Halifax.
Archibald, Francis Henry	Halifax.
Buck, Lilli May	Halifax.
Cameron, Ernest	New Glasgow.
Care, James Beatrice	Camphillan, N. B.
Cross, Henry Keith	Central Onslow.
Fisher, Homer Dalry	St. John, N. B.
Forsyth, Jess Fairbank	Halifax.
Gordon, Tom Ann. May	River John.
Graham, Mildred Helen	Halifax.
Harvey, Edward Kitson	Halifax.
Hosken, Arthur	Halifax.
Kennedy, James Hester	Halifax.
MacIsaac, William Patrick	Halifax.
Marlin, Tom Cameron	Brookton, Mass.
McPherson, Fred Gordon	Halifax.
McPherson, Blanche James	Uggs, Scotland.
Nichol, English Lee	Halifax.
Raggie, Vernon Douglas	Halifax.
Stewart James David	Montague, P. E. I.
Stout, Mary Ethel	Truro.
Vince, Fred Smith	Polly.
Williers, Winifred Bask	Truro.

In Letters.

ANNUAL YEAR.

MacIntyre, William Thomas Morris	Amherst.
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THIRD YEAR.

Hilfenber, Alice Helms	Halifax.
Lawler, Gertrude Lucie	Bedford.

GENERAL STUDENTS.

Baulby, Ethel Elizabeth	Halifax.
Bird, Elizabeth	Halifax.
Bradley, John Alexander	Small Beach, Stovicks.
Burill, Louis Maynard	Weymouth.
Burrows, Leopold Field	Hamilton, Bermuda.
Bulter, George F., & A.	William's Cove, Yeo, Co. Dartmouth.
Chickson, Mary	Truro.
Cook, James Lyall	Halifax.
Covey, Fanny Ruth	Halifax.
Crocker, J. Howard	St. Stephen, N. B.
Cunningham, William Andrew	Tacombago's Bay.
Cummings, Elizabeth Agnes	Polly Village.
Deans, Helen Tupper	Halifax.
Dickie, Edwin Egbert	Upper Cained, Kings Co.
Dicks, Gordon, & A.	Halifax.
Doherty, Scenna Agnes	Kent Co., N. B.
Dorcas, William Edward	Halifax.
Ersell, Robert Joseph	Halifax.
Ferguson, John Archibald	Port Maitland, C. B.
Fisher, Franklin	Bay of Islands, Nfld.
Forrest, Catherine Young	Halifax.
France, Anta Elizabeth	Vancouver, B. C.
Fraser, Annie Elizabeth	New Glasgow.
Gleason, Alice Mary	Halifax.
Gracie, Robert M., & A.	Halifax.
Greenstock, Alice W.	Halifax.
Holmes, Hedwig	Halifax.
Hosack, Lizzie Starr	Halifax.
Kent, Herbert Howard	Yerco.
Larson, Peter Peter	Gealton, Kings Co.
Lynch, George Joseph	Halifax.
Lynch, Miss	Halifax.
McArthur, Angus	New Glasgow.
McCullill, Felix James	Little Narrows.
McCrow, Ella Augusta	Halifax.
McCuey, Elizabeth Russell	Halifax.
Macdonald, Alexander Elmore Murray	Truro.
Macdonald, Archibald J.	St. Pierre, C. B.
Macdonald, Blanche, & A.	Halifax.
McFarnell, Ewan	Mirny Head Re., P. E. I.
Macfarland, James Gordon	Frederic.
Macfarland, M. Stewart	Wingsborough.
Macfarquill, Albert Lorne	Moncton.
Macfarquill, James	P. E. I.
Macneac, Kenneth John	Halifax.
Macnam, Peter	South Ingonis.
McIntosh, Charlie Campbell	Malagastrath.

MacIntosh, Finlay G.	Springville, E. B.
MacKay, Alexander Murray	Halifax.
McKay, Tru, & A.	Peter.
MacKay, Nora Kathleen	Dartmouth.
MacKay, Robert Grant	Springville.
MacLeod, Albert Harrison	Lorne.
MacLeod, John Charles	Port Charlotte.
MacLeod, Margaret	Halifax.
McMillan, Mildred	Halifax.
McQueen, Norman	Port Maria, C. B.
Mahon, Harry Edmund, & A.	Halifax.
Mitchell, George Stewart	Lincoln.
Morris, Bertha Letta	Dartmouth.
Morrison, William Angus	Middle River.
Mosely Thomas William	Halifax.
Murray, Robert Patrick	Hillbarn, C. B.
O'Brien, Clarence Wilbert	Noel, Hants Co.
O'Brien, Edmund Franklin	Noel, Hants Co.
O'Donnell, Thomas E.	Halifax.
Parker, Grace Allison, & A.	Halifax.
Reed, Annie Mabel	King's Co., N. S.
Rushin, Annie B.	Halifax.
Robertson, Henry Whitford	Wickham, N. B.
Roy, Myrtle Louisa	Halifax.
Sailey, Charles Herbert	Halifax.
Saunders, Amy C.	Halifax.
Saunders, Grace Hart	Halifax.
Seaton, Ella Winifred	Halifax.
Simmons, Lillie Fane	Dartmouth.
Stech, Susan Isabella	Halifax.
Sutherland, Edith Frances	Dartmouth, C. B.
Tinsleton, S. Emma	Halifax.
Tucker, Clifford Adair	Paradise.
Wells, Eliza J.	Halifax.
Woods, Eda May	Halifax.

FACULTY OF PURE AND APPLIED SCIENCE.

GRADUATE STUDENT.

Archibald, Eben Harry, & A.	Harmony, Colchester Co.
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UNDERGRADUATES.

FOURTH YEAR.

Cook, Alexander David	Halifax.
Macdonald, William Angus	Halifax.
Morris, Hugh Thomas	Dartmouth.

THIRD YEAR.

Cardner, Charles Alton	.....	Green Point.
Shewart, Elizabeth Helen	.....	Halifax.

SECOND YEAR.

Anderson, Bernard Charles	.....	Lunenburg.
Fleming, James Maxwell	.....	Halifax.
Forsyth, George Murray	.....	Halifax.
Page, Charles Monte	.....	Trinidad.

FIRST YEAR.

Gould, William Matthew	.....	Halifax.
Stewart, William Edgar	.....	Jacksboro, Cumberland Co.

GENERAL STUDENTS.

Ackmecht, Violet Kathleen	.....	Halifax.
Aloysius, Cecilia	.....	Halifax.
Anderson, Teresa	.....	Halifax.
Blaiz, Forest L.	.....	Halifax.
Brevitt, Isabel	.....	Halifax.
Burkway, Mary Charlotte	.....	Burtonsville.
Campbell, Duane Geo. 2d.	.....	Halifax.
Campbell, Robert	.....	Halifax.
Delaney, Kathleen	.....	Halifax.
Despuy, Isabel	.....	Halifax.
Edgewood, Ethel	.....	Burtonsville.
Egan, Jean Grant	.....	Halifax.
Havensack, Ernest	.....	Halifax.
Healy, Katherine K.	.....	Halifax.
Kelly, Marie M.	.....	Halifax.
MacKinnon, Denise Gillford	.....	Halifax.
McClough, Anne	.....	Halifax.
Morgan, Margaret T.	.....	Halifax.
Simon, Reine Suzanne	.....	Halifax.
Wakely, Agnes	.....	Halifax.
Whalen, Annie	.....	Halifax.

FACULTY OF LAW.

UNDERGRADUATES.

THIRD YEAR.

Royd, John Albert, B. A., 181 Fr. Xav.	.....	Antigonish
Connors, Alfred Graham, B. A., (Dal.)	.....	Onslow.
Yim, Robert Emmet	.....	Dorchester
Foot, Samuel James, B. A., (Mc. All.)	.....	Grand Fork, Nfld.
Irwin, Harry	.....	Shelburne.
Johnson, James Robinson, B. L., (Dal.)	.....	Halifax.

Leaky, William James	.....	Halifax.
MacFadyen, Francis Alexander, B. A. (St. J. Xav.)	.....	Sydney.
MacFadyen, Harry Oles	.....	Grand Port.
MacLeod, John Robert	.....	Springhill.
Malton, Percy Edward, B. A., (Dal.)	.....	Halifax.
Mills, Nelsons Mark	.....	St. Stephen, N. B.
Nichols, Edward Hart, B. A., (Acadia)	.....	Sigley.
Nichols, George Kenneth Ralphill	.....	Dalton.
Oakes, Eugene, B. A., (Dal.)	.....	New Albany.
O'Donnor, William Francis	.....	Halifax.
Parsons, William Rufus, B. A., (Acadia)	.....	Halifax.
Parsons, George David, B. A., (Acadia)	.....	Halifax.
Parry, Harry Abbes, B. A., (Acadia)	.....	Antigonish.
Parry, Wilfred Parker	.....	St. John's.
Parsons, Harold A., B. A., (Dal.)	.....	Lower Canada.
Robertson, Henry Whitford	.....	Wickham, N. R.
Tate, Clifford Ashton, B. A., (Acadia)	.....	Kingston.

SECOND YEAR.

Ayre, George William Bulley	.....	St. John's, Nfld.
Barnes, Charles Earl, B. A., (Dal.)	.....	Sydney, C. B.
Casson, John Alexander Hugh, B. A., (St. Fr. Xav.)	.....	Malaga, C. B.
Dawson, John Carey, B. A., (Mc. All.)	.....	Stellarton.
Farnett, John Leitch	.....	Sackville, N. B.
Fremont, Clifford Leslie, B. A., (Acadia)	.....	Milton.
Grey, William Smith, B. A., (Dal.)	.....	Halifax.
Jardine, David, B. A., (Mc. All.)	.....	Tridleton, N. B.
Kilham, Cecil, B. A., (Mc. All.)	.....	Yarmouth.
McDonald, Finlay	.....	Howe's Bay.
McKay, Henry Stuart	.....	Wentville.
Marmillan, Neil A., B. A., (St. Fr. Xav.)	.....	East Bay.
McFadyen, Archie A., B. A., (St. Fr. Xav.)	.....	Antigonish.
Newbold, Louis Alexander	.....	Stedfield Mills.
Nichols, Frank William, B. A., (Acadia)	.....	Halifax.
O'Mullin, John Coll.	.....	Halifax.
Richardson, John William	.....	St. Andrews.
Skyrie, James Murray	.....	Halifax.
Sargent, Joseph Herbert	.....	Barrington.
Waddell, William Henry, B. A., (Dal.)	.....	Halifax.

FIRST YEAR.

Hogg, William Alexander	.....	Kenville.
Brohan, Alder	.....	Murray Harbor, S.
Bull, Robert Hamilton	.....	Sydney Mines, C. B.
Selwin, Angus Charles, B. A., (St. Fr. Xav.)	.....	Lake Umbagog, C. B.
Monaghan, Herbert Charles	.....	Sydney.
O'Flaherty, Walter Joseph	.....	Halifax.
Parsons, George Frederick	.....	Halifax.
Spinney, Frederick Herbert	.....	Malden Square.
Yemas, Patrick Donald	.....	Balford.

GENERAL STUDENTS.

Blanchard, Aubrey Blomfield	Trent.
Carroll, Haashi Anderson	Halifax.
Crowe, Henry Stanley	Central Ontario.
Davis, Roy	Clifton.
Dunn, James Hamel	Berbrue, N. B.
Edwards, Charles Clifford	Pictou.
Fitzgibbon, Thomas Kenneth	Grand River.
Foley, Joseph Patrick	Halifax.
Fulton, Clarence	Lower Stewiacke.
Harris, George Ludlow, B. A. (U. N. B.)	Moncton, N. B.
Hattie, Robert McCaswell, B. A. (Dal.)	Halifax.
Jardine, Charles Frederick	Leskeport.
Kelch, Donald, Jr.	Halifax.
Lesah, Albert Everett	Robt Veris, N. B.
Lindsay, Peter Joseph	Quebec.
MacKay, John James	Pictou.
MacLennan, Joseph Dennis	Marble Mountain.
McNeill, Maynard Morton	N. W. Arm.
McNish, Arthur Wenton	Sydney.
Schuman, Edward	Trent.
Sudgen, William Harry	St. Margaretsville.
Sully, Charles Herbert	Halifax.

FACULTY OF MEDICINE.

UNDERGRADUATES.

FOURTH YEAR.

Archibald, Matthew George	St. John's, Newfoundland.
Brown, Robert Adams	Halifax.
Buckley, Avery Ellis	Halifax.
Dickey, Hugh Levesque	Upper Grand, Kings.
Forrest, William Earl, B. Sc.	Halifax.
Gardner, George Glen	Newburgh, Ontario.
McDonald, Daniel	Leitch's Cove, C. B.
McDonald, Edward Murray	Sydney, C. B.
McKenzie, Murdoch Daniel	Grand River, C. B.
Martin, Angus McDonald	Woodville, Kings.
Tompson, Alfred	St. Mike River, Hants.

THIRD YEAR.

Alford, William Bruce	Halifax.
Atkinson, Edward Ferguson	Robt Veris, N. B.
Barnell, Edward Donald	Halifax.
Parvell, Louis Patrick	Halifax.
Shaw, Waddell Vanklyn	Robt Veris, N. B.
Stuckey, John St. Clair	Portlaw.

McLean, Murdoch Thomas	Green's Point, C. B.
McMillan, Charles Edward, B.A. (Dal.)	Wingsnesagh.
Morse, James Gilbert	Upper John, Pictou.
Russell, Mary Latta	Bayville, Antigonish.
Slaw, Sidney Everett	Watersville, Kings.
Trenbath, Louis Gerardo	Halifax.

SECOND YEAR.

Rubin, Laurence Bernard Winifred	Halifax.
Rubin, Winifred Brenda	Halifax.
Scott, Alexander David	Halifax.
Coak, Allan Peop Archer	Halifax.
Goodwin, Charles Alonso	Green's Point, C. B.
Dyrcroft, William Julius	Halifax.
Emm, Victoria Sarah	Bridgewater, Lunenburg.
Foxe, Albert Esmond	Sydney, C. B.
Gibson, Louis John	Port Maria, C. B.
McKenzie, John Bradshaw	Campbellton, N. B.
O'Brien, Milton William	Noel.
Quigley, John Wesley	Sandy Point, Shelburne.
Pratt, Nelson	Mathias.
Reynolds, James	Upper Masquesnoit.
Reynolds, William Pennon	Upper Masquesnoit.
Salter, Oswald Ray	Newport, Hants.
Taylor, Frank Woodland	Port à Tur, Shelburne.

FIRST YEAR.

Archibald, Charles Clifford	Barrasay.
Bentley, Louis Elmer	Sherfield Mills, Kings Co.
Cameron, Harold	Upper John, Pictou.
Codman, William Newport	Newport.
Cox, Ralph Benjamin	Kingsport.
Coxe, Laurence Marshall	Halifax.
Dunnison, Lambert Douglas	Halifax.
DuBois, Marie Joseph	Kingston, N. B.
Duckson, Charles Harold	Pictou.
Faulkner, Alexander Ross, B. A.	Polly Village.
Ferguson, John Archibald	Port Maria, C. B.
Foster, Frederick Samuel	West River, Pictou.
Holt, Arthur Morrison	Bridgewater.
Irwin, John Frank	Halifax.
Moss, Charles Dakin	Sandy Cove, Digby.
Muir, John Ritchie	Trent.
McLean, William Edwin	Sherbrooke.
O'Brien, Clarence Wilbert	Noel, Hants.
O'Donnell, Herman Marie	Halifax.
Palmer, Gordon Howard	Berbrue, N. B.
Reed, Edwin Bishop	Napton Station.

Bellison, William Havelock	Minerog, Highy.
Servizi, William	Reading, Penna.
Thomas, Lewis	Dartmouth.
Wardrop, Marcus James	Method, Hants.
Woodard, George Hart	Waltham, Mass.
Zwicker, Frank Gordon	Halter, N. Y.

GENERAL STUDENT.

Garrison, Anna Florence	Dalton,
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APPENDIX.

FACULTIES OF ARTS AND SCIENCE.

JUNIOR MATRICULATION

EXAMINATION PAPERS, 1897-98.

LATIN.

Monnier..... ROBERT MORLEY, B. A.

CÆSAR: CAESAR WILK. BOOK I. VIRGIL: ÆNEID, BOOK II.

TWO THIRDS ONLY.

I.

Translatio:

(1) *Ecce hinc ab exploratoribus castris factus hostes sub nocte
assediit: trilla pecunia ab ignis castris tota, quibus castris autem
noctis et quibus in circumspicienda, qui exploratoribus restit. Romanis
lucis ea factis, non. De castris signis illam tubicinis, legatione
per postores, cum tubicinis signis et de castris, qui per exploratoribus,
castris in castris castris exploratoribus; qui illi castris et castris.
Ipsa de castris signis castris castris, qui castris castris, ad castris castris,
equilibrisque castris, ante castris.*

(2) *ecce ad castris facilius castris, unde
sola castris castris castris castris. Tunc
castris in castris castris castris castris castris
castris castris, unde castris castris castris
et castris castris castris et castris castris,
castris castris castris, castris castris castris
castris, castris castris; et castris castris castris
castris castris castris, et castris castris castris castris
castris. aut castris castris; aut castris, aut castris
castris castris castris castris.*

6. *Le roi qui s'enfuit . . . en suite.* (R) Write down the principal idea, of subject, and translate it into modern French in French. He has no longer any parents. Have you ever read Molière? Never. Has anything happened? No, Sir, nothing. Distinguish between *qui* and *que* (a) as relative pronouns; (b) as adverbs, *proposition*; illustrate with short exs.

7. Illustrate by short exs. the difference between *composé* and *composé*. Write in French: Her Majesty, the Queen. His Majesty, the Emperor. His father and (his) mother are both English. Note particularities in the agreement of the *prepos* *propos*, in the formation exs.

8. Translate: There are many churches in town. The weather is magnificent. It is mild. It is not cold. How old are you? I am nineteen years old. Are you a Protestant? No, Sir, I am an Englishman, but I understand French a little. Are I right? I love your nation, you are wrong. To-day is the 11th of September, 1897—(before).

MATHEMATICS.

Revisioner C. MATHURAN, M. A.

GEOMETRY.

THESE THÈSES.

1. If from the ends of the base of a triangle lines be drawn to meet in a point within the triangle, those lines shall be together less than the sides of the triangle; and they shall contain an angle GREATER than the angle at its vertex.

2. Show, without proof, how to make a parallelogram equal to a given triangle, with one of its angles equal to a given angle.

3. A line BC is bisected in D, and produced B — D — C — E' to any point E'. Prove BE, EC — DC² — DE'. (By the division of the line, if you can.)

4. Using your knowledge of Euclid, Book IV, show that the square of the side of a triangle is greater than, equal to, or less than the sum of the squares of the other sides, according as the angle opposite the side is respectively greater, equal, or less than a right angle. Complete the statement, and illustrate by diagrams. (Without proof.)

5. In a circle, chords equidistant from the centre are equal.

6. If from an external point two lines be drawn, of which one cuts the circle and the other touches it, and if the rectangle of the segments of the cutting line be equal to the square of the meeting line, then is this last line a tangent to the circle.

7. Equal parallelograms on the same base are between the same parallels.

8. If the diagonals of a parallelogram are equal, the angles opposite to them are unequal, the greater being opposite the obtuse angle, &c.

9. Divide a straight line internally into two parts so that their rectangle may be the greatest possible.

10. AB is divided in "median section" in C; i. e., so that $A \frac{1}{2} B$ — B AC. BC = AC. Prove $\Delta B^2 + BC^2 = 3 AC^2$. (Euc. II. 7.)

11. ABC is a triangle inscribed in a circle. Prove that the sum of the angles in the segments of the circle outside of the triangle is equal to four right angles.

12. CO, CT are tangents to a circle, centre O. Prove that the angle CQT is bisected by QT.

ARITHMETIC.

(a) 1. The nominal value of a share in a certain company being £100, a holder bought stock at 3 per cent. 6000 per cent. and after a fortnight sold the same stock at $7\frac{1}{2}$ above par, gaining £300 by the transaction. How many shares did he buy?

2. A sportsman whose three special friends were A, B, and C, caught a large fish, and sent A $\frac{1}{3}$ of it, B $\frac{1}{4}$ and C $\frac{1}{5}$, keeping for himself the remainder, which weighed 24 lbs. What did the fish weigh?

3. What fraction is 340, 4th. of 12 yds, 2 ft., 4 in.?

4. Explain the difference between *one thousand* and *thousand's* thousands.

5. If the Numerator of a Vulgar Fraction (expressed in lowest terms) be any prime number except 2 or 5, the length of the period, when it is reduced to a Decimal in the same, whatever the denominator may be, Prove.

6. Prove, by Arithmetical induction, that a Decimal Fraction, such as $\frac{3}{10} = \frac{3}{10}$.

ALGEBRA.

(b) 7. Divide $a^3 - b^3$ by $a^2 - ab + b^2$, and express, in simplest form: $(x^2)^4 \times (-xy)^4$

8. If $a = \frac{a+b+c}{2}$, prove $\frac{1}{a-b} + \frac{1}{a-b} + \frac{1}{2-c} = \frac{a+b}{(a-b)(a-b) + c^2}$

9. Show that $(\sqrt{x} - 1)^{2n+1} = \sqrt{x} - 1$, n being any positive integer.

10. Reduce, if possible, to lower terms, $\frac{a^2 - 2ab + b^2}{a^2 + 3ab - 10b^2} = \frac{2a - 3b}{(a+b)(a-2b)}$

11. If \sqrt{x} and \sqrt{y} are different surds, prove $a\sqrt{x} - b\sqrt{y} = a$, a finite number, is impossible, a and b being integers.

12. Solve the equation: $\frac{x + \sqrt{x^2 - 1}}{x - \sqrt{x^2 - 1}} = \frac{a}{b}$.

13. Find the values of x in the equation, $9x^2 - \frac{x}{4} = 514 = 0$.

14. The product of the roots of the equation, $x^2 - px + q = 0$, is 24; and their difference is 3, write the equation with numerical coefficients.

Not more than four of (a) and six of (b) to be attempted.

HISTORY AND GEOGRAPHY.

Examiner President, Faculty.

Time: THREE HOURS.

(Candidates for Matriculation only may ask any two questions in each section.)

ENGLISH HISTORY.

1. What parts of our system of government come to us particularly from the Anglo-Saxons?
2. Give a brief account of the reign of Henry V.
3. What circumstances tended greatly to the extension of commerce during the latter half of the 15th century?
4. Give some of the dates at which great changes took place in the English Constitution?
5. What is the Habeas Corpus Act? When was it passed? Hasty Act? Conventicle Act? Free Mile Act?
6. Write brief notes on Battles of Agincourt, Callee de Mar, Tewkesbury, Marston, Tewkesbury, Tewkesbury, Tewkesbury.
7. What was the Act of Settlement? (1701.)

CANADIAN HISTORY.

1. When was Fort Royal founded by French? When captured by English?
2. Give an account of the massacre of Lachine, 1688.
3. Write a brief historical account of Lunenburg.
4. Write a brief account of the union of the Provinces. When first suggested? When carried into effect?
5. Massacre of Grand Pré. Write account.

GEOGRAPHY.

1. Give as nearly as you can the latitude and longitude of St. Petersburg, Canton, Osnaburg, Osnaburg, Osnaburg.
2. If you went round the world on the same parallel of latitude as Halifax what countries and bodies of water would you cross?
3. What are the chief products of Tasmania? Tyndal? Cape Colony? Mexico? Italy? Norway?
4. What is the population of Sweden? France? Great Britain? German Empire? Cuba? Japan?
5. Bound Austria, Belgium, Mexico, State of Ohio, New Jersey, New Brunswick.
6. Locate New Orleans, Pekin, Copenhagen, Antwerp, Danzig, Dantzig.

TIME TABLE—FACULTY OF LAW.

Hours	Monday	Tuesday	Wednesday	Thursday	Friday
9 to 10	Shipping	Comm. History	Cash, Tax	Bank History	Comm. Law
10 to 11	Credit of Law	Comm.	Crimes		International Law
11 to 12		Qualities of Law	Legal		Equity
12 to 1			Contracts	Mortgage	Contracts
1.30 to 3.30	Real Property, 1st yr.	Real Property, 2d yr.	Procedure	Balance	Torts
3 to 4					

* Subject to alteration.