

CALENDAR
OF
DALHOUSIE UNIVERSITY

HALIFAX

NOVA SCOTIA

1910-11.



HALIFAX:
PRINTED FOR THE UNIVERSITY BY McALPINE PUBLISHING CO., LTD.
1910.

*TIME TABLE—FACULTY OF LAW.

<i>Hours.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>
9 to 10	Shipping	Const. History	Const. Law	Const. History	Const. Law.
10 to 11.....	Torts	Conflict of Laws.....	.....	.....	International Law.
11 to 12.....	.....	.....	Sales .....	.....	Equity.
12 to 1.....	.....	.....	Contracts	{ Moot Court	Contracts.
3.30 to 4.30.....	.....	.....	.....	Evidence, 3rd Year..	.....
4.30 to 5.30	Real Property... ..	Companies	Procedure.....	Evidence, 2nd Year..
8 to 9.....

*Subject to alteration.

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UNIVERSITY ALMANAC, 1910-11

1910

- Aug. 11. Th.—Last day for receiving applications for Autumn Preliminary Examination (Provincial Medical Board).
Last day for receiving notices of Supplementary Examinations (Medical and Dental Faculties).
23. Tu.—Last day for receiving notices of Supplementary Examinations (Law Faculty).
24. W.—Last day for receiving applications for Autumn Professional Examinations (Provincial Medical Board).
25. Th.—Session begins (Medical Faculty). Preliminary Examination (Provincial Medical Board) begins at 9 a. m., at Dalhousie College.
29. M.—Supplementary Examinations begin (Medical and Dental Faculties).
Results of Preliminary Examination declared and Certificates issued, 10 a. m.
Registration and Payment of Class Fees (Medical and Dental Faculties) 11 a. m.
30. Tu.—Lectures begin at Halifax Medical College and Maritime Dental College.
31. W.—Last day for receiving notices of Supplementary and Special Examinations (Arts and Science Faculty).
- Sep. 6. Tu.—Registration and Payment of Fees (Law Faculty),
7. W.—Lectures begin (Law Faculty).
Autumn Professional Examinations (Provincial Medical Board) begin.
13. Tu.—Registration of Candidates for Matriculation and Scholarship Examinations (Arts Faculty).
14. W.—9 a. m., Latin.
3 p. m., Greek.
15. Th.—9 a. m., History and Geography.
3 p. m., English.
16. F.—9 a. m., Geometry.
11 a. m., Trigonometry.
3 p. m., Algebra and Arithmetic.
17. S.—9 a. m., French.
3 p. m., German.
19. M.—9 a. m., Chemistry.
Supplementary Examinations begin (Arts Faculty).
21. W.—9 a. m., Meeting of Faculty of Arts and Science.
3 p. m., Registration and payment of fees begin.
23. F.—Lectures begin (Arts and Science Faculty).
27. Tu.—Last regular day for Registration (See p. 49).
- Oct. 1. S.—Intimation as to elective subjects to be made by undergraduates on or before this day.
15. S.—Returns as to residence and church attendance to be made on or before this day.
M.—Thanksgiving Day. No lectures.
Tu.—Munroe Day. No lectures.

- Dec. 15. Th.—Last day of lectures (Arts, Science and Medical Faculties).
Last day for receiving notices of Special Examinations.
16. F. —Christmas Examinations begin (Arts and Science Faculties).
9 a. m., Chemistry 1; French 4; German 3.
2.30 p. m., Latin 3; English 2.
17. S. —9 a. m., Latin 2; Mathematics 1; History 1; Philosophy 3; Surveying; Geology 1, 2.
2.30 p. m., Chemistry 2, 4; French 3.
18. M. —9 a. m., Latin 1; Philosophy 1; Physics 1; Mathematics 3.
2.30 p. m., Greek 1; French 1; History 2; Mathematics 4.
19. Tu.—9 a. m., Greek 2; Philosophy 2; Physics 2, 3; Economics 1; Mechanics; Mineralogy.
2.30 p. m., Greek 3; English 1.
20. W.—9 a. m., English 4.
2.30 p. m., Education.
21. Th.—9 a. m., Philosophy 4.
2.30 p. m., German 1.
22. F. —Christmas vacation begins.

1911

- Jan. 10. Tu.—Lectures resumed (all Faculties).
- Feb. 22. W.—Last day of lectures (Law Faculty).
23. Th.—Sessional Examinations begin (Law Faculty).
10 a. m., Equity.
3 p. m., Torts.
24. F. —10 a. m., Companies.
3 p. m., Crimes.
25. S. —10 a. m., Constitutional History; International Law.
3 p. m., International Law.
27. M. —10 a. m., Constitutional Law.
28. Tu.—10 a. m., Shipping.
- Mar. 1. W.—Ash Wednesday. No lectures.
Last day for receiving M. A., M. Sc. Theses.
2. Th.—10 a. m., Real Property.
3. F. —10 a. m., Sales.
4. S. —10 a. m., Contract; Conflict of Laws.
7. Tu.—Law Convocation.
29. W.—Last day for receiving applications for Primary and Final M. D. C. M. Examinations and for Spring Professional Examinations (P. M. Board).
- Apr. 4. Tu.—Last day of Lectures (Faculties of Arts, Science and Medicine).
5. W.—Spring Examinations begin.
9 a. m., Practical Chemistry (Laboratory, 1st division).
2.30 p. m., Practical Chemistry (Laboratory, 2nd division).
6. Th.—9 a. m., Latin 2; Mathematics 1; History 1; Philosophy 3; Surveying; Geology 1, 2.
3 p. m., Latin 3; English 2.
7. F. —9 a. m., Latin 1; Philosophy 1; Physics 1; Mathematics 3.
3 p. m., Greek 1; French 1; History 2; Mathematics 4.
8. S. —Certificates of Class Attendance Med. and Dent. Facs. Dalhousie and Halifax Medical College issued on presentation of Class Fee Receipts.

- April 8. S.—9 a. m., Greek 2; Philosophy 2; Physics 2, 3; Economics 1; Mechanics; Mineralogy.
3 p. m., Greek 3; English 1.
10. M.—9 a. m., English 4.
3 p. m., Education.
11. Tu.—9 a. m., Chemistry 1; French 4; German 3.
3 p. m., Philosophy 4.
12. W.—Spring Professional Examinations (P. M. Board) begin.
9 a. m., Chemistry 2, 3, 4; French 3.
3 p. m., German 1; Zoology; Addit. Mathematics; Medical Jurisprudence and Hygiene.
13. Th.—9 a. m., Junior Anatomy; Addit. Latin.
3 p. m., Physiology; Obstetrics and Diseases of Women and Children.
14. F.—Good Friday.
9 a. m., Histology; Addit. Philosophy.
3 p. m. Senior Anatomy; Medicine; Addit. Geology.
15. S.—9 a. m., Addit. History; Oral Examinations: Chemistry, Anatomy, Physiology and Histology.
3 p. m., Botany; Surgery; Addit. French.
17. M.—9 a. m., Medical Physics; Clinical Medicine at V.G.H.; Addit. English.
3 p. m., Pathology and Bacteriology; Addit. Physics.
18. Tu.—9 a. m., Clinical Surgery at V. G. H.; Addit. Greek.
3 p. m., Materia Medica and Therapeutics; Addit. German.
19. W.—2 p. m., Oral Exams.: Materia Medica and Therapeutics; Pathology and Bacteriology.
20. Th.—2 p. m., Oral Exams.: Surgery, Medicine, Obstetrics and Diseases of Women and Children, Medical Jurisprudence and Hygiene.
21. F.—Results of P. M. B. Professional Examinations declared.
24. M.—9 a. m., Meeting of Faculty of Arts and Science.
25. Tu.—9 a. m., Meeting of Senate.
4 p. m., Meeting of Faculty of Medicine.
26. W.—11 a. m., Results of Examinations declared.
6 p. m., Annual Meeting of Alumni Association.
27. Th.—3 p. m., Convocation.
- May 4. Th.—9 a. m., Spring Preliminary Examinations (Provincial Medical Board) begin.
9. Tu.—4 p. m., Annual Meeting Medical Faculty.

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Dalhousie University

INTRODUCTION

Historical Sketch

DALHOUSIE COLLEGE was founded in 1818 by the Right Honourable George Ramsay, ninth Earl of Dalhousie, "for the education of youth in the higher branches of science and literature."

The original endowment was derived from funds collected at the port of Castine, Maine, during its occupation in 1814 by Sir John Sherbrooke, then Lieutenant-Governor of Nova Scotia. In a letter to Lord Bathurst, dated December 14th, 1817, Lord Dalhousie, with the unanimous consent of the Council, proposed that £9,750 of these funds be devoted to the "founding of a College or Academy on the same plan and principle as that in Edinburgh," "open to all occupations and sects of religion, restricted to such branches only as are applicable to our present state, and having the power to expand with the growth and improvement of our society," and that this College be established in Halifax, "the seat of the legislature, of the courts of justice, of the military and the mercantile society." On the 6th of February, 1818, Lord Bathurst wrote expressing the Prince Regent's "entire approval of the application of the funds in question in the foundation of a Seminary in Halifax for the higher classes of learning." The building was begun in 1819, and on the 22nd of May, in the year of 1820, the corner stone was laid by the Earl of Dalhousie. On the 13th of January, 1821, an "Act to incorporate the Governors of Dalhousie College at Halifax" became law. The original Board consisted of the Governor-General of British North America, the Lieutenant-Governor of Nova Scotia, the Bishop, the Chief-Justice, the President of the Council, the Treasurer of the Province, the Speaker of the House of Assembly, and the President of the College.

After unsuccessful efforts in 1822-4 and 1829-36 on the part of both the British Government and the Board of Governors to effect a union with King's College, at

that time the only other existing in the Province, Dalhousie College went into operation in 1838, with the Rev. Thomas McCulloch, D. D., as President.

In 1841 an Act was passed conferring university powers upon the College, and vesting the appointment of the Governors in the Governor and Council. Two years later President McCulloch died, and in 1845 the College was closed, the Governors considering it "advisable to allow the funds of the institution to accumulate." From 1849 to 1859 the College funds were employed to support a High School. Toward the end of this period, in 1856, the Arts department of Gorham College, Liverpool, supported by the Congregationalists, was transferred to Dalhousie, "with a view to the furtherance of the establishment of a Provincial University"; and for a short time an attempt was made to conduct the institution as a University under the Act of 1841.

The history of Dalhousie College as an institution realizing the purpose of its Founder may be dated from 1863. In that year the College was reorganized under an Act which empowered the Board of Governors to grant to any body of Christians, or any individual, or number of individuals, the privilege of nominating a representative to the Board, and a Professor, for every chair in the College supported by them to the extent of twelve hundred dollars a year. In consequence of this provision, the Presbyterian Church of Nova Scotia closed its academies at Truro and Halifax, and undertook the support of two chairs; and the Church of Scotland in Nova Scotia, having no institution of its own, endowed one chair—the Chair of Mathematics. Thus strengthened, the College opened in the Autumn of 1863 with a staff of six professors, the Rev. James Ross, D. D., being Principal. At the death of the incumbents of the two chairs supported by it, the Presbyterian Church withdrew its support.

In 1879 Mr. George Munro, of New York, endowed the Chair of Physics, and in rapid succession Chairs of History and Political Economy, English Literature, Law, and Metaphysics. He also supported tutorships in Classics and Mathematics, and for ten years provided liberal exhibitions and bursaries. His munificent gifts were at that time unparalleled in Canada.

In 1882 Mr. Alexander McLeod, of Halifax, left the residue of his estate to the three chairs now known as the McLeod Chairs of Classics, of Modern Languages, and of Chemistry.

The purchase of the old College building by the City and the generous gift of \$20,000 by Sir William Young, for over forty years Chairman of the Board of Governors, led to the erection of a new building, the corner stone of which was laid by Sir William on the 27th of April, 1887. The gifts of Sir William Young to the College subsequent to its reorganization exceeded \$68,000.

In 1890, Mr. John P. Mott, of Halifax, left a bequest of \$10,000 to the College.

In 1902 the School of Mines was established, and in the same year the Alumni began a movement to erect a Library in memory of the late Professor Macdonald. For these two purposes subscriptions to the amount of about \$80,000 were obtained.

The Faculty of Medicine was organized in 1868; merged into the Halifax Medical College in 1875; and re-organized in 1885.

The Faculty of Science was organized in 1877, and re-organized in 1891. In 1906 the Faculty was divided, the department of Pure Science uniting with the Faculty of Arts to form the Faculty of Arts and Science, and the department of Applied Science becoming the Faculty of Engineering. On the opening of the Nova Scotia Technical College in 1909, the Faculty of Engineering was discontinued.

The Faculty of Law was established in 1883, and the Faculty of Dentistry in 1908.

Constitution

THE BOARD OF GOVERNORS is the supreme governing body of the University. Appointments to it are made by the Governor-in-Council on the nomination of the Board, or on the nomination, with the approval of the Board, of any body of Christians, or of any individual, or number of individuals, supporting a chair in the College. Any such body or individual is entitled to one representative Governor for each chair so supported. The Governors have the management of the funds and property of the College; the power of appointing the President, Professors, and other officials, and of determining their duties and salaries; and the general oversight of the work of the University.

THE SENATE consists of the President and Professors. To this body are intrusted, by statute, the internal regulations of the University, subject to the approval of the Governors. All degrees are conferred by the Senate.

THE FACULTIES are committees to which are intrusted by the Senate, subject to its approval, the supervision of the teaching of the University, the preparation of regulations governing the courses of study, and the recommendation of suitable candidates for prizes, scholarships, diplomas, and degrees. The University contains a Faculty of Arts and Science, and Faculties of Law, Medicine, and Dentistry.

Degrees and Courses

The Senate confers the degrees of Bachelor and Master of Arts, Bachelor and Master of Science, Bachelor of Music, Bachelor of Laws, Doctor of Medicine and Master of Surgery, and Doctor of Dental Surgery. A candidate qualified for a degree must have conformed to the regulations of the Faculty in which he has been studying, and must be recommended by that Faculty for the degree.

The degree of Doctor of Laws may be conferred *honoris causa tantum* in recognition of eminent literary, scientific, professional, or public services.

The various Faculties of the University provide the instruction required in the courses leading to the above degrees, except in Music, in Medicine, and in Dentistry. In Music instruction is provided in the literary and scientific subjects required, and the University recognizes as qualifying for a degree the instruction in professional subjects given by the Halifax Conservatory of Music and other approved institutions. In Medicine and Dentistry, the University provides instruction in pure science, and recognizes the teaching in professional subjects of the Halifax Medical College, the Maritime Dental College, and other approved Schools of Medicine or Dentistry.

ENGINEERING COURSES.—Preliminary courses in Engineering are offered in the Faculty of Arts and Science. These courses extend over two years and correspond to the work prescribed by the Nova Scotia Technical College for the first two years of courses in Civil, Mechanical, Electrical, and Mining Engineering.

AFFILIATED COURSES.—By a proper selection of elective subjects in his course, a candidate may reduce by one year the time required for the degree of Bachelor of Arts, and a professional degree in Law. Similarly a candidate for Bachelor of Arts or Bachelor of Science may

reduce by two years the time required for the combined degrees in Arts or Science and Medicine.

A candidate for the degree of Bachelor of Arts may shorten by one year, and a candidate for the degree of Bachelor of Science, by two years, a subsequent course for a degree in Engineering.

PRIVILEGES.—The usual privileges of exemption from the Preliminary examination granted to graduates of recognized universities by the learned professions in Canada and Great Britain are extended to this University.

The University of Oxford exempts from Responsions an undergraduate in Arts of this University who has passed in the subjects (including Greek) of the second or a higher year. A Bachelor of Arts, with Honours, is further exempted from four terms of residence. The Trustees of the Rhodes Scholarships exempt from the qualifying examination candidates who are exempted from Responsions by the University of Oxford.

Of the seven courses required by the University of Edinburgh for the degree of B. Sc. in Pure Science, three may be taken in this University; and of the seven courses required for the B. Sc. in Engineering, two may be taken in this University, subject to certain conditions.

The University of London exempts Bachelors of Laws of this University from the Preliminary Examination leading to the LL. B. of that University. Graduates in law of this University are admitted to the Bar of Nova Scotia without further examination, provided they have passed in Procedure.

The degree in Medicine from this University is recognized as entitling to the privileges usually granted to graduates in Medicine of Canadian Universities. Graduates of this University in Medicine and Surgery who hold the License of the Provincial Medical Board may, on application, be placed on the Colonial List of the British Medical Register.

Equipment

LIBRARIES.

The University possesses a University Library, open to all registered students, and a Law Library for the exclusive use of the students and instructors in the Faculty of Law.

The University Library was instituted in 1867, as the result of an appeal made by the Rev. George M. Grant, at Convocation. Until 1888 the number of volumes did not exceed 3,000; to-day there are about 15,000 volumes and 4,000 pamphlets, selected primarily to meet the needs of students in the Faculty of Arts and Science.

When the Law Faculty was organized in 1883, the Dean received a number of very generous contributions for a Library. A useful collection of Law books was secured, partly through the exertions of the late J. T. Bulmer. To-day the Law Library contains more than 7,750 volumes, including all the law reports which a student will find it necessary to consult.

The University Library contains the **MACKENZIE COLLECTION** of works on Mathematical and Physical Science, which was presented to the College by the relatives of the late Professor J. J. MacKenzie; the **ROBERT MORROW COLLECTION** of works on Northern Antiquities and Languages, presented by Mrs. Robert Morrow; the **SETH COLLECTION** of Philosophical works, purchased with the proceeds of a course of public lectures on Psychology given by Professor James Seth; the **DEMILLE MEMORIAL**, presented by Professor MacMechan from the proceeds of two courses of Lectures on Shakspeare; the **LAWSON LIBRARY**, 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 **EDWIN P. ROBINS MEMORIAL COLLECTION** of Philosophical books; the **MACDONALD COLLECTION**, presented by the son of the late Professor Charles Macdonald, M. A.; the **DEMILLE COLLECTION**, presented by Mrs. J. DeMille; the **HARRINGTON COLLECTION**, presented by the family of the late Emily Harrington, M. A.; also the **CLASS MEMORIAL COLLECTIONS**, presented by the graduating classes of 1894 and subsequent years.

Besides the libraries in the University, students may use, subject to certain conditions, the following libraries:—The Science Library, the Library of the Mining Society of Nova Scotia, the Legislative Library, the Citizens' Free Library, and the Library of the Presbyterian Theological College. The Cogswell Medical Library in the Halifax Medical College is open to students of Medicine.

The University Library is in charge of a library committee appointed by the Senate, and a librarian. The Law Library is in charge of the Dean of the Law Faculty, assisted by a librarian.

THE MUSEUM.

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

THE THOMAS McCULLOCH COLLECTION, presented by the late Rev. William McCulloch, D. D., of Truro, contains a large and valuable collection of birds, especially native species of the Maritime Provinces, besides many mineral, rock and fossil specimens, shells of recent mollusca, Indian implements, etc. The fossil specimens include a collection of European cretaceous fossils and of carboniferous fossils, chiefly Nova Scotian. The collection of birds is supplemented by the valuable collection made by Col. T. J. Egan, of Halifax, containing thirty cases of native birds.

THE PATTERSON COLLECTION of Indian antiquities was made by the late Rev. George Patterson, D. D., LL. D., F. R. S. C., and presented by him to the University. It contains 280 specimens, catalogued and conveniently arranged for reference, including about 250 specimens relating to the aborigines of Nova Scotia.

THE HONEYMAN COLLECTION consists of the extensive geological collection made by the Rev. David Honeyman, D. C. L., F. S. A., for some years Professor of Geology in Dalhousie College, and was presented by Dr. Honeyman's relatives.

The Honeyman collection and the portion of the McCulloch collection illustrating Geology and Mineralogy, are placed in the Geological Laboratory.

The Zoological section of the Museum was catalogued by the late Dr. Andrew Halliday, Lecturer in Zoology from 1899 to 1903.

The collections of the Provincial Museum, illustrating the Geology, Mineralogy and Zoology of the Province, may be conveniently used by students.

LABORATORIES.

The University is equipped with laboratories in the departments of Physics, Chemistry, Biology, Geology and Mineralogy, and Assaying. Facilities for research are provided for a limited number of students in Physics, Chemistry, Biology, and Geology. Reports of the researches carried out by students appear from time to time in the Transactions of the Nova Scotian Institute of Science and other scientific publications.

THE PHYSICAL LABORATORY comprises a general laboratory affording accommodation for 16 students working simultaneously, a room for electrical work, and a number of smaller adjoining rooms for research work and storage.

THE CHEMICAL LABORATORY includes a general laboratory fitted with lockers for 85 students, and a quantitative laboratory accommodating 16 students, with additional rooms for weighing and for storing apparatus and reagents.

THE GEOLOGICAL LABORATORY occupies a large general laboratory and two small adjacent rooms, one of which is fitted for photographic work. The laboratory contains good collections, constantly being added to, of typical rock and mineral specimens, as well as collections of crystals, crystal models, geological maps, etc., for class instruction.

THE BIOLOGICAL LABORATORY accommodates about 25 students doing simultaneous microscopic work. Microscopes, reagents and material are provided for students.

THE ASSAYING LABORATORY contains a coke muffle furnace and three pot furnaces with their accessories, and separate working desks for 12 students.

ADMISSION

Classification

Students are classified as Graduate Students, Undergraduates, Matriculants and Special Students.

GRADUATE STUDENTS are students who hold a Bachelor's degree in Arts or Science and are pursuing a course of study for a Master's degree.

UNDERGRADUATES are students who have passed the Matriculation and are candidates for a Bachelor's degree in Arts or Science or a degree in a professional course.

MATRICULANTS are students who have passed in at least three subjects of Matriculation but have not completed it, and are pursuing a course of study for a degree.

SPECIAL STUDENTS are all not included in one of the preceding groups.

Admission of Students

No person under sixteen years of age is admitted to any class.

Persons of either sex, of good moral character, may be admitted to certain classes as Special students without formal examination, provided they are deemed qualified by the Committee on Admission to profit by the work of the class or classes selected. A person seeking admission as a Special student, if under nineteen years of age, must submit evidence, such as a certificate from the school last attended, that he has a satisfactory knowledge of English and that his other acquirements and habits of study are such as should qualify him to profit by the work of the class or classes he wishes to enter.

No class which a person attends as a Special student is recognized as qualifying for a degree.

Students entering as Matriculants are admitted to such classes of a course for a degree as the standing they have attained in Matriculation warrants. A Matriculant who has passed in all but one subject of Matriculation may, at the discretion of the Committee on Admission, be admitted to all classes of the first year of a course in Arts or Science. Such Matriculant is also admitted to all classes of the first year in Medicine or Dentistry, provided he has obtained a mark of at least 25 per cent. in

the subject in which he has failed. A Matriculant who has failed in more than one subject of Matriculation is not admitted to more than four classes of a course in Arts or Science. For admission to the preliminary courses in Engineering a Matriculant must have passed in at least the three mathematical subjects of the Engineering Matriculation.

Students entering as Undergraduates are admitted to all classes of the first year of any course in any Faculty.

Matriculation

A student in order to become a candidate for a degree must satisfy the requirements for Matriculation, either by passing an examination or by presenting a certificate which will be accepted as an equivalent. There are two standards of Matriculation for admission to courses leading to an Arts or Science degree, known respectively as the Junior and the Senior Matriculation. Candidates who satisfy the requirements of the Junior Matriculation may enter the first year of any course in any Faculty of the University except the courses in Engineering. Candidates who pass the Senior Matriculation may enter the second year of an Arts or Science course, and may be exempted from certain classes in the courses in Medicine and Dentistry. The exemptions allowed are specified below, in the regulations under Senior Matriculation.

Candidates for admission to Engineering courses should note that the standard of the Engineering Matriculation is the same as that of Senior Matriculation in all such subjects as are common to both. (See p. 16).

I. JUNIOR MATRICULATION

The requirements for Junior Matriculation for students entering the University in and after September, 1911, may be increased so as to represent one year of high school work in addition to that now prescribed for Grade XI of the High School Course of Nova Scotia in each of the subjects at present required for Junior Matriculation.

The Junior Matriculation Examination will be held at the College, and at such other places as the Senate may appoint, on September 14th to 17th, 1910.

Candidates for a degree in Arts, Science, Music, Law, Medicine, or Dentistry are required to pass in each of the following subjects:

1 and 2. Two of the following languages: Latin, Greek, French, German.

3. English.
4. History and Geography.
5. Arithmetic and Algebra.
6. Geometry.

The choice of foreign languages is subject to the following restrictions: candidates for a degree in Arts must select *either* Latin or Greek; candidates in Law, Medicine, or Dentistry must select Latin; candidates in Science, *either* French or German; and candidates in Music, *both* French and German.

REQUIREMENTS IN EACH SUBJECT.

The requirements in each of the subjects specified above are as follows:

LATIN.—The paper will contain (1) passages for translation from prescribed books with questions arising out of those books; (2) easy passages for translation from books not prescribed; (3) questions on Grammar, accidence and elementary syntax; (4) translation of easy sentences from English into Latin.

The book prescribed for 1910 is Caesar: *Gallie War*, Book I; and Vergil: *Aeneid*, Book I.

GREEK.—The paper will contain (1) passages for translation from a prescribed book with questions arising out of that book; (2) easy passages for translation from books not prescribed; (3) questions on Grammar, accidence and elementary syntax; (4) translation of easy sentences from English into Greek.

The book prescribed for 1910 is Xenophon: *Anabasis*, Book I.

FRENCH.—Enault, *Le Chien du Capitaine*; Berthon, *Specimens of Modern French Prose*. Grammar questions limited to accidence and easy rules of syntax; easy sight translation from French into English and from English into French.

GERMAN.—Buchheim, *Modern German Reader, Part I*; Von Hillern, *Hoher als die Kirche*. Grammar questions limited to accidence and easy rules of syntax; easy sight translation from German into English and from English into German.

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

Questions on the interpretation of a passage not specified to test general intelligence.

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.

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

ARITHMETIC AND ALGEBRA.—Arithmetic. *Algebra*: As in Hall and Knight's *Elementary Algebra*, or Todhunter and Loney's *Algebra for Beginners*, or Wentworth's *Algebra*.

GEOMETRY.—Euclid, Books I, II, III, IV. Definitions of Book V, Book VI, first 19 propositions, or their equivalents.

Candidates who pass in three 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 Mackenzie Bursary.

CERTIFICATES EXEMPTING FROM EXAMINATION.

Candidates in Arts, Science or Law who hold the following diplomas, licenses or certificates are exempted from the above examination in subjects which were included in the examination by which such diploma, license or certificate was obtained, and in which a sufficiently high standard was reached, provided this standard was reached in three or more of the subjects required for Matriculation.

- (a) Certificates of Matriculation into recognized Universities.
- * (b) High School Certificates of Grades XII or XI of Nova Scotia (except Grade XI in Geometry.)
- (c) Honour Diplomas, or Certificates entitling to a First Class License, as issued by Prince of Wales College, or a First Class License, issued by the Education Department of Prince Edward Island.
- (d) Grammar School, or Superior (except in Latin), or First Class Licenses of New Brunswick.
- (e) Equivalent Licenses or Certificates issued by Education Departments of other Provinces.
- (f) Diploma of the Associate Grade as issued by the Education Department of Newfoundland.

The Faculty of Law, in addition to the foregoing certificates, etc., will accept as the equivalent of the Junior

*The standard required in the certificates issued by the Education Department of Nova Scotia in 1910 and subsequent years is a mark of at least 60 per cent. in each of the subjects required for Matriculation. For the present the percentage required for certificates issued prior to 1910 is 50. When any one of the subjects specified above as required for Matriculation is divided in the certificate examination into two or more parts, the average mark for such parts is taken as the mark obtained for the subject. Marks obtained in the subjects other than those required for Matriculation are not considered.

Matriculation examination, a certificate stating that the candidate has passed the Preliminary Law examination in any of the Provinces of Canada, or in Newfoundland, or in any of the British West India Islands.

The Faculty of Medicine will accept only those certificates which are recognized by the Provincial Medical Board as equivalent to their Preliminary examination*

II. SENIOR MATRICULATION

After September, 1910, the Senior Matriculation examination will be discontinued. Candidates for a degree, however, who present any of the certificates specified below as entitling to exemption from this examination shall be given credit for such classes in the following list, not exceeding five in number, as their certificates warrant: Latin 1, Greek 1, French 1, German 1, English 1, Mathematics 1. But no candidate shall receive credit unless his certificate covers at least three of the subjects of Junior Matriculation, and entitles to credit in at least three classes of a course for a degree. Candidates who present certificates entitling them to credit in three or four, but not in five, of the above classes, shall be allowed Supplementary examinations in the subject or subjects required to complete five classes, provided their certificates show a mark of at least 30 per cent. in these subjects.

The Senior Matriculation Examination will be held at the College, and at such other places as the Senate may appoint, on September 14th to 19th, 1910.

Candidates are required to pass in each of the following subjects:—

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

3. English.

4. History and Geography.

5. Algebra.

6. Geometry.

7. Trigonometry.

8. *Either* Chemistry *or* Botany.

Candidates must select the two foreign languages which they intend to take in the second year of the course they enter.

*All information with reference to the requirements for this examination, exemptions granted, etc., may be obtained on application to the Registrar of the Board, Dr. A. W. H. Lindsay, 241 Pleasant Street, Halifax.

REQUIREMENTS IN EACH SUBJECT.

The requirements in each of the subjects specified above are as follows:

LATIN.—For 1910:—Caesar: *Gallic War*, Books IV and V; Vergil: *Aenid*, Books I and II; Cicero: *In Catilinam*, Books I and II.

GREEK.—For 1910:—Xenophon: *Anabasis*, Books I-IV.

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.—Mérimée, *Colomba* (Hachette & Cie., London); Molière, *L'Avare* (D. C. Heath & Co.). Grammar and prose composition based upon the rules and vocabularies contained in Fraser and Squair's *French Grammar* (Copp, Clark Co.).

GERMAN.—Schiller, *Wilhelm Tell*; Baumbach, *Der Schwieger-sohn* (Holt & Co.). Grammar, including both accidence and syntax; German Prose Composition.

ENGLISH.—*Language*: Grammar, Analysis, Parsing. *Composition*: An essay on one of several set subjects; to be drawn from:—Macaulay: *Warren Hastings*; Shakspeare: *Merchant of Venice*; Longfellow: *Evangelîne*; Scott: *The Lady of the Lake*. (See note to English in Junior Matriculation).

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

Instead of the works prescribed here in Latin, Greek, French, German, and English, candidates for matriculation may offer equivalents, provided they have been previously approved by the President, who should receive notice not later than August 1st.

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

ALGEBRA.—Indices, Equations, Ratio, Proportion, Variation, Progressions, Theory of Quadratics, Permutations and Combinations, Binomial Theorem, Logarithms, Interest and Annuities, Undetermined Coefficients, Partial Fractions, Exponential and Logarithmic Series, Graphical representation of functions and plotting of loci of equations (as in Ross' *Elementary Algebra*, Part II.)

GEOMETRY.—Euclid, Books I-IV, definitions of Book V, Books VI, XI. Mensuration of the Prism, Cylinder, Cone, Pyramid and Sphere (as in Hall & Stevens *Euclid* and Wilson's *Solid Geometry*, and *Conic Sections*, pp. 1-68, as their equivalent.)

TRIGONOMETRY.—Elementary angular analysis. The solution of plane triangles. Measurements of heights and distances (as in Murray's *Plane Trigonometry*, with tables.)

CHEMISTRY.—Elements of General Chemistry as in Smith's *General Chemistry for Colleges* (The Century Co.), or an equivalent, omitting the rarer elements.

In the examination special importance will be attached to an acquaintance with the experimental evidence upon which the more important facts and the fundamental laws of the science are based, including, for example, the evidence for the composition of the more important compounds, as water, hydrochloric, nitric and sulphuric acids, ammonia, and the oxides of carbon, nitrogen and sulphur.

Candidates in Science, or Medicine, are required to satisfy the examiner that they have done an amount of laboratory work equivalent to that prescribed in Chemistry 1A. (See courses of Instruction).

BOTANY.—The elements of General Botany. *Principles of Botany* by Bergen and Davis, and Spotton's *High School Botany* may be taken to indicate in a general way the extent of knowledge required and the method to be pursued. The examination will be designed to test the extent to which the candidate's knowledge of the subject is founded upon practical study.

Candidates in Arts or Science who have previously passed in one or more of the above subjects, either at the Senior Matriculation examination or at the Junior Matriculation and First Year examinations, shall be exempt from further examination therein.

Candidates in Medicine or Dentistry who pass in Chemistry and Botany, shall be exempt from these subjects in the first year of their course.

All candidates for a degree who do not take Chemistry in this examination are required to take Chemistry 1, or 1A, as one of the classes of their course.

CERTIFICATES EXEMPTING FROM EXAMINATION.

Candidates who hold the following licenses, diplomas or certificates, are exempted from the above examination in subjects, except Chemistry, which were included in the examinations by which such licenses, diplomas or certificates were obtained, and in which a sufficiently high standard was reached:

- *(a) High School Certificate of Grade XII of Nova Scotia.
- (b) Honour Diplomas, as issued by the Prince of Wales College, P. E. I.
- (c) Grammar School Licenses of New Brunswick.
- (d) Diplomas of the Associate Grade, as issued by the Education Department of Newfoundland (except in the mathematical and scientific subjects.)

*The standard required in the certificates for Grade XII issued by the Education Department of Nova Scotia in 1908 and subsequent years is 50 per cent. (See, also, footnote p. 12.)

Students who enter the second year by certificate, and are found to be deficient in English Composition, may be required to take English 1 as an additional class, without fee.

III. MATRICULATION IN ENGINEERING

Candidates for Matriculation in Engineering are required to pass in each of the following subjects:

1. *Either* French or German.
2. English.
3. History and Geography.
4. Algebra.
5. Geometry.
6. Trigonometry.
7. *One* of the following:
 - (a) Latin.
 - (b) Greek.
 - (c) *Either* German or French, the language offered being the alternative to that selected as subject 1.
 - (d) Mechanical Drawing.

REQUIREMENTS IN EACH SUBJECT.

The requirements of the language chosen as subject 1, in English, Algebra, Geometry and Trigonometry, are the same as specified for Senior Matriculation in these subjects (p. 14). In History and Geography, Latin, Greek, and the language selected as subject 7 (c), the requirements are the same as specified for Junior Matriculation in these subjects (p. 11-12). In subject 7 (d) the requirements are as follows:

MECHANICAL DRAWING.—Projection of points, lines, plane figures, and simple solids; dimension sketches of parts of simple machines; lettering and dimensioning or drawing neatly and accurately done.

These requirements are met by the courses in Mechanical Drawing, occupying 300 hours, offered by the Evening Technical Schools of the Technical Education Department of Nova Scotia.

CERTIFICATES EXEMPTING FROM EXAMINATION.

The certificates enumerated above (p. 15) that entitle a candidate to exemption from the Senior Matriculation examination in English, History and Geography, a foreign language, or a Mathematical subject, shall also entitle to exemption from this examination in the corresponding

subject or subjects; and the certificates (p. 12) that exempt a candidate from the Junior Matriculation examination in History and Geography, or a foreign language shall also entitle to exemption from this examination in History and Geography, or in subject 7. (a), (b), or (c).

Admission to Advanced Standing

Students of other Universities may, on producing satisfactory certificates, be admitted *ad eundem statum* in this University, if they are found qualified to enter the classes proper to their years. But if their previous courses of study have not corresponded to the courses on which they propose to enter in this College, they may be required to take additional classes. In no case, however, shall a candidate admitted to advanced standing be admitted to a degree in course in this University until he has attended and passed in at least five classes or their equivalents.

Persons seeking admission to advanced standing must, in making application, submit certificates of good character and standing with duly certified statements of their Matriculation, and of the classes attended and passed, with the grades attained by them; also a calendar or calendars of the institution from which they have come of such date as to show the courses which they have followed.

A graduate of a University approved by the Senate, who has received his degree in course, may be admitted *ad eundem gradum* in this University on producing satisfactory evidence of good character and academic standing and on payment of the required fee, provided the applicant is pursuing a course of study or research in this University, or is associated with the academic work of the University, or has similar qualifications.

A graduate of another University who is a candidate for a higher degree in this University must be admitted *ad eundem gradum* before proceeding to the higher degree.

UNIVERSITY REGULATIONS

Academic Year

The Academic Year, or Session, will begin in the Faculties of Medicine and Dentistry on Thursday, August 25th, 1910; in the Faculty of Law, on Tuesday, August 30th, and in the Faculty of Arts and Science, on Tuesday, September 13th. In Law it will end on Tuesday, March 7th, 1911; and in all other Faculties, on Thursday, April 27th, 1911.

In the Faculty of Arts and Science the Session is divided into two terms, the Autumn term extending from the beginning of the Session to Thursday of the week preceding Christmas day, and the Spring term, from the first Tuesday following New Year's day to the last Thursday in April.

Registration

All students of the University are required to enter their names in the Register annually, and pay the required fees before entering any class or taking any examination. After registration and payment of fees a student is given a registration certificate, on presentation of which to the professors and lecturers whose classes he proposes to attend, his name is entered on the class register.

Residence

All students are required to report their place of residence to the President on or before the day appointed in the University Almanac (October 15th).

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

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

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 15) the churches which they intend to make their places of wor-

ship during the session. Intimation will be made to the various clergymen of the city of the names and addresses of the students who have chosen their respective places of worship.

Discipline

The Senate may use all means deemed necessary for maintaining discipline. It is the duty of the Dean of the College to see that order is maintained within the buildings and on the premises of the College. Every professor or officer of the University is required to report to the Dean cases of improper conduct that may come under his notice. Students conducting themselves in an unbecoming manner on or beyond the premises of the College, during the session, may be fined, suspended, or expelled from the University.

Irregularity of attendance, except for approved reasons, or neglect of studies, shall be regarded as sufficient cause for dismissal from one or more classes, or, in extreme cases from the University.

University Library

The library is open during the session on every weekday, except Saturday, from 10 A. M. till 1 P. M. and 3 to 5 P. M.

Books other than those on the lists of reserved books may be taken out by instructors or students and kept for two weeks. They should then be returned to the library. Books on the reserved lists may be taken out immediately before the closing of the library on any day, and must be returned when it opens on the following day.

No more than two books may be borrowed at one time by a student not in an Honour course, nor more than four by a student taking Honours.

Students are allowed the privilege of borrowing books from the library for the period between the Spring and Autumn convocations. Students using this privilege are required to make a deposit of two dollars with the librarian. This deposit is returned when the books are replaced in the library.

Conduct of Examinations

Candidates 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

examination and such other penalty shall be imposed as the Senate may determine.

No candidate shall be permitted to enter the examination hall after the expiry of one half hour, or leave it before the expiry of one half hour, from the commencement of the examination. Any candidate leaving the examination room after the distribution of the examination papers in any subject, shall not be permitted to return during the course of that examination.

All assessors are expected to attend strictly to the supervision of the examinations while they are in the hall.

Academic Costume

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

Graduates of the 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 hoods appointed for the various degrees:

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

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

B. Sc.—Black stuff lined with white silk and bordered with scarlet silk.

M. Sc.—Black stuff lined with scarlet silk.

B. E.—Black stuff lined with white silk and bordered with dark green silk.

B. Mus.—Black stuff lined with white silk and bordered with lavender silk.

LL. B.—Black stuff lined with white silk and bordered with gold coloured silk.

M. D.—Black stuff lined with scarlet silk and bordered with white silk.

D. D. S.—Black stuff lined with scarlet silk and bordered with gold coloured silk.

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

Doctors of Law shall be entitled to wear gowns of black silk.

Conferring of Degrees

Successful candidates for degrees are required to appear at Convocation in the proper academic costume to have the degrees conferred upon them.

By special permission of the Senate degrees may be conferred *in absentia*.

Faculty of Arts and Science

THE PRESIDENT.

A. MACMECHAN, PH. D.	T. C. MCKAY, PH. D.
H. MURRAY, B. A., LL. D.	C. B. NICKERSON, A. M.
E. MACKAY, PH. D.	J. W. LOGAN, M. A.
A. S. MACKENZIE, PH. D.	J. MCG. STEWART, B. A.
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R. MAGILL, M. A., PH. D.	H. D. BRUNT, B. A.
D. S. MACINTOSH, M. SC.	

Secretary of the Faculty: PROFESSOR H. P. JONES.

Correspondence should be addressed:

*The Secretary, Faculty of Arts and Science,
Dalhousie College, Halifax, N. S.*

Courses

Courses are prescribed leading to the degrees of Bachelor of Arts (B. A.), Master of Arts (M. A.), Bachelor of Science (B. Sc.), Master of Science (M. Sc.), and Bachelor of Music (B. Mus.). Preliminary courses in Engineering, extending over two years, are prescribed for students who look forward to subsequently completing a course in Civil, Mechanical, Electrical or Mining Engineering at the Nova Scotia Technical College, or other technical institution.

The course for the degree of Bachelor of Arts extends over four years. Candidates for the degree may either follow the ordinary course or, if they have obtained a sufficiently high standing in the work of the first two years, may then enter upon an Honour course. Bachelors of Arts of at least one year's standing, on submitting a satisfactory thesis, or completing an approved course of study, may be admitted to the degree of Master of Arts.

The course for the degree of Bachelor of Science also extends over four years. Honour courses in Science are open to candidates who have completed the work of the first two years with sufficient credit. Bachelors of Science of at least one year's standing who have completed after graduating an approved course of scientific study, or an

approved thesis embodying a scientific research, may be admitted to the degree of Master of Science.

The course of study for the degree of Bachelor of Music extends over three years.

Students who have passed the Senior Matriculation may complete the course for the degree of Bachelor of Arts or Bachelor of Science in three instead of four years.

Ordinary Course for Bachelor of Arts

The ordinary course of study prescribed for the degree of Bachelor of Arts consists of the following classes:

- (i) Three classes in either Latin or Greek.
- (ii) Two classes in one of the following languages: the classical language not selected as subject (i), or French, or German.
- (iii) Two classes in English.
- (iv) Two classes in Physics, *or* one in Geology, in which case read *eight* for *seven* in (vi).
- (v) One class in each of the following: History, Philosophy, Mathematics, Chemistry.
- (vi) Seven classes, so selected from the subjects in the following groups that not less than one shall be taken from each of the groups A. and B., and not more than five from any one group.

A.—Latin, Greek, New Testament Greek, Hebrew, French, German, English, Keltic.

B.—History Political Economy, Philosophy, Education.

C.—Mathematics, Astronomy, Physics, Chemistry, Geology, Mineralogy, Biology.

The details of subjects studied in the above classes will be found under Courses of Instruction.

CHOICE OF ELECTIVE CLASSES.

In choosing their elective classes undergraduates, and general students who wish to appear at the Christmas and Spring examinations, should select classes whose examination hours do not conflict.

The first class in Latin, Greek, French or German, is not recognized as part of a course for a degree unless the second class is subsequently taken.

An advanced or Honour class may be taken as an elective by students who are not in an Honour course, if approved by the Faculty.

Lists of the elective classes chosen by students must be submitted for approval not later than Saturday, October 1st, 1910.

AFFILIATED COURSES.

An undergraduate looking forward to the study of Divinity, Law, or Medicine, may offer one of the following groups in place of three of the electives required from groups A., B. and C. above:

For Divinity: D.—Hebrew, New Testament Greek, one being a *double class.

For Law: E.—Constitutional History, Constitutional Law, Contracts.

For Medicine: F.—Anatomy, Histology, Physiology.

An undergraduate who selects one of these groups must then select from groups A., B. and C. above the remaining four electives required, so that of the seven electives chosen at least one shall be taken from each of the groups A. and B., and not more than five from any one group.

Undergraduates who have passed in the classes of group E. may complete a subsequent Law course in this University in two years. Students registered as undergraduates in Medicine, whose course in Arts has included Chemistry 1A, Biology (Botany and Zoology) and Physics 1 in addition to group F., may afterwards take a degree in Medicine in this University in four years; and if their Arts course has also included Chemistry 3, and they have taken Senior Anatomy as additional work, they may subsequently take the degree in Medicine in three years. Undergraduates who look forward to the study of Engineering may shorten a subsequent Engineering course by including in their Arts course as many as possible of the classes common to it and the Engineering course they have in view.

ORDER OF CLASSES.

The classes of a course may be taken in any order subject to the regulations regarding Order of Classes (page 41). The following schedule in which the classes are arranged in years shows the order recommended; and it is upon this arrangement that the time tables of lectures and examinations are based:

First Year

1. Latin 1, or Greek 1.
2. The classical language not selected as subject 1, or French 1, or German 1. (The candidate must pass Junior Matriculation in the foreign language selected.)

*A double class is one in which at least five lectures a week are given.

3. English.
4. Mathematics 1.
5. Chemistry 1 or 1A.

Second Year

1. The language selected as subject 1 in the first year.
2. The language selected as subject 2 in the first year.
3. English 2.
4. Philosophy 1.
5. One class in any of the following subjects:—Mathematics, †Mechanics, Chemistry, a language not already selected as subject 1 or 2.

Third and Fourth Years

1. Latin 3, or Greek 3, or New Testament Greek (the language selected must have been taken during the first and second years).

2. History 1.

3. Physics 1 *or* Geology 1. (See p. 22, iv).

4—10. Seven classes selected from the subjects in the following groups, so that not more than five shall be taken from any one group, and at least one from each of the groups A. and B.:

A.	B.	C.
Latin, Greek, Hebrew, French, German, Keltic, English.	History, Political Economy, Philosophy, Education.	Astronomy, Physics, Chemistry, Geology, Biology, Mathematics,

Or, one of the following groups, together with five classes from groups A., B. and C., selected in accordance with the conditions stated under Affiliated Courses.

D.	E.	F.
Hebrew, N. T. Greek,	Constitutional History, Constitutional Law, Contracts.	Anatomy, Histology, Physiology.

†Students selecting Physics 1 in the third year must take Mechanics in the second year.

Ordinary Course for Bachelor of Science

The ordinary course of study prescribed for the degree of Bachelor of Science consists of the following classes:

- (i) Three in German or French.
- (ii) Two in each of the following: English, French or German.
- (iii) One in each of the following: Mathematics, Mechanics, Physics, Chemistry, Drawing.
- (iv) *Either* one class in Geology or Philosophy, *or* a second class in Mathematics or Chemistry.
- (v) Eight classes, so selected from the following groups that at least one class shall be chosen from each group and not more than four from groups B. and C. taken together:

A.—Mathematics, Physics, Chemistry, Geology, Mineralogy, Astronomy, Biology, Anatomy, Histology, Physiology, Drawing 2, Surveying.

B.—Philosophy, Education, History, Political Economy.

C.—English, French, German.

The details of subjects studied in the above classes will be found under Courses of Instruction.

In choosing their elective classes students should have regard to the restrictions stated under Choice of Elective Classes in the course for the degree of Bachelor of Arts (page 22).

Lists of the elective classes chosen must be submitted for approval not later than Saturday, October 1st, 1910.

AFFILIATED COURSES.

Undergraduates who look forward to the study of Engineering may complete a subsequent course in Engineering in two years after the completion of the Science course, provided they so select the classes in their Science course as to include the classes common to it and one of the Preliminary courses in Engineering, and take Shop-work as an additional class.

Students who have registered as undergraduates in Medicine may complete their course in Medicine in four years after the completion of their Science course by taking

the following classes as part of their course: Physics 1, Chemistry 1A, Biology (Botany and Zoology), Junior Anatomy and Practical Anatomy. Such students are recommended to take the class in Histology also, in order to avoid conflict of hours in the time table of their subsequent course in Medicine.

Students registered as undergraduates in Medicine whose course in Science has included Chemistry 3, Histology and Physiology, in addition to the classes in Physics, Chemistry, Biology and Anatomy specified above, and who have taken Senior Anatomy (in the Faculty of Medicine) as an additional subject, may complete their course in Medicine in three years after completing the Science course.

ORDER OF CLASSES.

The classes of the above course may be taken in any order subject to the regulations regarding Order of Classes (page 41). The following schedule in which the classes are arranged in years shows the order in which it is recommended that they be taken. The time table of lectures and dates of examinations are based upon this arrangement.

First Year

1. *French 1.
2. *German 1.
3. English 1.
4. Mathematics 1.
5. Chemistry 1A.
6. Drawing 1, *or* †Freehand Drawing.

Second Year

1. French.
2. German.
3. English 2.
4. Mechanics.
5. One class in any of the following subjects:—Mathematics, Chemistry, Geology *or* Philosophy.

*Students who have selected French as one of the languages for Matriculation must take French 1, and those who have selected German must take German 1.

†The class in this subject may be taken at the Victoria School of Art and Design, provided it be equivalent to a regular college class and followed by an examination held at Dalhousie College.

Third and Fourth Years

1. French or German.
2. Physics.
- 3—10. Eight classes, selected from the subjects in the following groups, so that at least one class shall be chosen from each group, and not more than four from groups B. and C. taken together.

	A.	B.	C.
Mathematics,	Astronomy,	Political Economy,	English,
Physics,	Biology,	Philosophy,	French,
Chemistry,	Anatomy,	Education.	German.
Geology,	Histology,		
Mineralogy,	Physiology.		
Drawing 2,			
Surveying.			

Honour Courses

An undergraduate who has passed in at least *nine* classes of the ordinary Arts and Science course with sufficient credit is allowed to restrict his attention during his third and fourth years to a more limited range of subjects than that prescribed for the ordinary course, by entering an Honour course.

A candidate for admission to an Honour Course must obtain the permission of the Faculty, which will in ordinary circumstances only be granted to students who have attained a high standing in the classes preliminary to the Honour course selected. (See statement of Honour courses below).

Before graduation he must have passed in the following classes: (*a*) Two in each of two foreign languages, of which, in Arts, Latin or Greek must be one; and, in Science, French or German. (*b*) Two in English. (*c*) One in Mathematics. (*d*) One in Chemistry.

In all cases the number of classes required for the degree shall be not less than twenty.

Honour courses are provided in the following departments:—(i) Classics, (ii) Latin and English, (iii) Greek and English, (iv) English and English History, (v) Philosophy, (vi) Pure and Applied Mathematics, (vii) Mathematics and Physics, (viii) Chemistry and Chemical Physics. Undergraduates in Arts may enter any of these courses for which they are eligible. Undergraduates in Science may enter any of the last five courses

for which they are eligible, namely, Philosophy, Pure and Applied Mathematics, Mathematics and Physics, Chemistry and Chemical Physics.

An undergraduate who enters upon an Honour course in any of the above departments must take the advanced classes in the department chosen and certain other classes specified below in the requirements for the individual courses, and is required to make satisfactory progress in these classes. He may select the remaining classes of his course, if he is an undergraduate in Arts, from any of the subjects named in groups A. to C. of the ordinary course in Arts, and if an undergraduate in Science, from any of the subjects in groups A. to C. of the ordinary course in Science, the choice in each case being subject to the approval of the Faculty.

The examinations in the subjects of an Honour course are held at the end of the last year of the course.

I. CLASSICS

PRELIMINARY CLASSES.—Latin 1 and 2, and Greek 1 and 2.

Undergraduates taking the Honour course in Classics are required to take the ordinary and advanced classes of the third and fourth years in 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: *Captivi*, *Miles Gloriosus*. Terence: *Adelphi*, *Phormio*. Vergil: *Georgics*, I, IV. Horace: *Epistles*, I, II; *Ars Poetica*. Juvenal: *Satires*, I, VII, VIII, XIV. Cicero: *De Oratore*, I; *Philippics*, I, II; *Pro Cluentio*. Livy: XXI, XXII. Tacitus: *Annals*, I, II; *Agricola*. Pliny: *Letters*, Bks. I-III.

II. COMPOSITION.—Translation from English into Latin prose.

III. LITERATURE.—A general knowledge of the history of Latin literature, with a more minute knowledge of the lives and writings of the authors prescribed. (Mackail, *Latin Literature*, Cruttwell, *History of Roman Literature*).

IV. TRANSLATION AT SIGHT.—Passages from Latin books not prescribed will be set.

GREEK.

I. Aeschylus: *Eumenides*, *Prometheus Vincetus*. Sophocles: *Oedipus Coloneus*, *Philoctetes*. Aristophanes: *Frogs*, *Knights*. Homer: *Odyssey*, V-VIII. Thucydides: II, III. Plato: *Republic*, I-IV. Demosthenes: *De Corona*. Aristotle: *Poetics*.

II. COMPOSITION.—Translation from English into Greek prose.

III. LITERATURE.—A general knowledge of the history of Greek literature, with a more minute knowledge of the lives and writings of the authors prescribed (Jebb, *Primer of Greek Literature*; Jebb, *Introduction to Homer*; Mahaffy, *History of Greek Literature*; Haigh, *Attic Theatre*).

IV. TRANSLATION AT SIGHT.—Passages from Greek books not prescribed will be set.

II. LATIN AND ENGLISH

PRELIMINARY CLASSES.—Latin 1 and 2, and English 1 and 2. Prospective candidates are strongly recommended to take two classes in German.

Undergraduates taking the Honour course in Latin and English are required to take the ordinary and advanced classes of the third and fourth years in Latin and English. They shall be examined in the following subjects:

LATIN.

The Latin subjects prescribed for the Honour course in Classics.

ENGLISH.

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

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

Marlowe: *Tamburlaine, Edward II, The Jew of Malta*, Greene: *Friar Bacon and Friar Bungay*. Johnson: *The Alchemist, Every Man in His Humor*. Beaumont and Fletcher: *Philaster, The Knight of the Burning Pestle*. Massinger: *A New Way to Pay Old Debts*. Webster: *The Duchess of Malfi*. Shakspeare: *Titus Andronicus, Romeo and Juliet, Julius Caesar, Hamlet, Othello, Lear, Macbeth, Antony and Cleopatra, Coriolanus, Timon, The Two Noble Kinsmen*.

BOOKS RECOMMENDED: Sidney, Cook's edition (Ginn & Co.), Hooker, Church (Clarendon Press); Bacon, *Advancement*, (Wright Clar. Press); *Essays* (Wright, G. T. Series,) History of Literature; Ten Brink, *Saintsbury, Brooke* (Clarendon Press). "Mermaid," "Temple Dramatists," "Belles Lettres," and Arbor editions of Elizabethan works.

In awarding Honours, the thesis for Distinction in English 4 (D) will be taken into consideration.

III. GREEK AND ENGLISH

PRELIMINARY CLASSES.—Greek 1 and 2, and English 1 and 2. Prospective candidates are strongly recommended to take German.

Undergraduates taking the Honour Course in Greek and English are required to take the ordinary and advanced

classes of the third and fourth years in Greek and English. They shall be examined in the following subjects:

GREEK.

The Greek subjects prescribed for the Honour course in Classics.

ENGLISH.

The English subjects prescribed for the Honour course in Latin and English.

IV. ENGLISH AND ENGLISH HISTORY

PRELIMINARY CLASSES.—English 1 and 2.

Undergraduates taking the Honour course in English and English History are required to take the ordinary and advanced classes of the third and fourth years in English, and History 1, 2 and 3. They shall be examined in the following subjects:

ENGLISH.

The English subjects prescribed for the Honour course in Latin and English.

ENGLISH HISTORY.

English History from A. D. 1603-1689.

BOOKS RECOMMENDED: Green, *History of the English People*, Vol. 3; Lingard, *History of England*, Vols. 8-10; Hallam, *Constitutional History of England*; Ranke, *History of England*; S. R. Gardner's works on this period; Clarendon, *History of the Great Rebellion*; Masson, *Life of Milton*; Carlyle, *Life of Cromwell*; Foster *Life of Eliot*; Bayne, *Chief Actors in the Puritan Revolution*.

V. PHILOSOPHY

PRELIMINARY CLASS.—Philosophy 1.

Candidates are required to take in their third and fourth years the ordinary and advanced classes in Philosophy. They are recommended to take German. They shall be examined in the subject matter of the following:

I. Logic.—Keynes: *Formal Logic*. Welton: *Manual of Logic*. J. S. Mill: *System of Logic*. Venn: *Empirical Logic*. Venn: *Logic of Chance*. Bradley: *Principles of Logic*.

II. Psychology.—James: *Principles of Psychology*. Ladd: *Physiological Psychology*.

III. Metaphysics.—Paulsen: *Introduction to Philosophy*. Ward: *Naturalism and Agnosticism*. Bradley: *Appearance and Reality*. Green: *Prolegomena to Ethics*, Book I. James: *Pragmatism*.

IV. Ethics.—Sidgwick: *History of Ethics*. Sidgwick: *Methods of Ethics*. Dewey and Tufts: *Ethics*. Green: *Prolegomena to Ethics*. Sorley: *Ethics of Naturalism*.

V. History of Philosophy: A general knowledge of the history of Ancient and Modern Philosophy is required, and in addition a special knowledge of the periods: (1) *The Sophists to Aristotle*. (2) *Descartes to Hegel*.

VI. PURE AND APPLIED MATHEMATICS

PRELIMINARY CLASSES.—Mathematics 3, 4, Mechanics, Physics 1.

Undergraduates taking the Honour course in Pure and Applied Mathematics are recommended to take German in their first and second years, and Physics 1, in their second year. They are required, if they wish to complete the work for a degree in four years, to take in their third and fourth years four advanced classes in Mathematics, Physics, 2, 3 and 4 and three electives. The standard of attainment shown in the examinations in Physics 2 and 3 in both years will be considered in estimating the results of the final examinations of the Honour course.

The subjects of examination shall be as follows:—

PURE MATHEMATICS.

Any four of the following:—

(a) Infinitesimal Calculus; (b) Plane and Solid Analytic Geometry; (c) Differential Equations; (d) Algebra (Determinants, Theory of Equations, Quantics, Invariants, Series, Functions of a real variable); (e) Projective Geometry.

APPLIED MATHEMATICS.

Kinematics and Dynamics of Particles, rigid bodies, flexible strings, elastic solids and fluids,—those portions of these subjects which are treated in Physics 4 or may be appointed for private reading in the course of the work of that class, the mode of treatment being by application of Analytical Geometry and the Differential and Integral Calculus.

VII. MATHEMATICS AND PHYSICS

PRELIMINARY CLASSES.—Mathematics 3, 4, Mechanics, Physics 1.

Undergraduates taking the Honour course in Mathematics and Physics are recommended to take German in their first and second years, and Physics 6 in their second year. They are required, if they wish

to complete the work for a degree in four years, to take in their third year one Advanced class in Mathematics, Physics 2 or 3, Physics 6, and Chemistry 2; and in their fourth year one Advanced class in Mathematics, Physics 3 or 2, and Physics 4, 5, 7 and 8. The standard of attainment shown in the examinations in Physics 2 and 3 in both years will be considered in estimating the results of the final examinations of the Honour course.

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 examinations shall be as follows:—

1. MATHEMATICS.—Analytic Geometry and Calculus as in Mathematics 3 and 4, and any two of the advanced courses in Pure Mathematics.

2. APPLIED MATHEMATICS.—As outlined in the Honour Course in Pure and Applied Mathematics.

3. GENERAL PHYSICS.—A systematic general knowledge of all sections of the subject, as, *e. g.*, in Watson's *Text-book of Physics* (Longmans & Co.) with a more detailed knowledge of special sections illustrating the use of theory in research, such as the kinetic theory of gases, the theory of solutions and of electrolysis, and the wave theory of light. These requirements are based on the courses called Physics 2, 3, and 5.

4. EXPERIMENTAL METHODS.—A general acquaintance with the methods applicable in different classes of investigation, as in Glazebrook and Shaw's *Practical Physics* (Longmans, Green & Co.), Ostwald's *Physico-Chemical Measurements* (Macmillan & Co.) The experimental methods of the following memoirs:—Joule's papers on the determination of the Mechanical Equivalent of Heat, contained in his *Scientific Papers* (Taylor & Francis), vol. I, pp. 123, 172, 298, 542, 632; Faraday's *Experimental Researches in Electricity* (Quaritch), vol. I, Series iii, iv, v, vi, vii; Lord Kelvin's papers on the Electrodynamical Qualities of Metals, in his *Mathematical and Physical Papers*, Vol. II, (Camb. Univ. Press). The treatment of observations and the discussion of the accuracy of experimental results, as in Holman's *Precision of Measurements* (John Wiley & Sons) supplemented by the more purely physical chapters of Merriman's *Text-book of Least Squares* (J. Wiley & Sons).

VIII. CHEMISTRY AND CHEMICAL PHYSICS

PRELIMINARY CLASSES.—Chemistry 1A and 2, Mechanics, Physics 1, Mathematics 3 and 4. Two classes in German are recommended.

In order to complete this course in four years it is necessary to take Mathematics 1, 3, 4, Mechanics

Physics 1, Chemistry 1A and Chemistry 2 in the first and second years; and Physics 2, 3, 5 and 6, Chemistry 5, 6, 7 and 8, in the third and fourth years.

Candidates for High Honours will be expected either to prepare a thesis embodying the results of a short original investigation, or to show special attainments in some branch of laboratory work, as the preparation of organic compounds, or the analysis of iron and steel, of ores, or of water. In estimating the results in the final examination of the Honour course, the standard of attainment shown in the following Physics and Chemistry classes will be considered:—Physics 2 and 3 (Distinction courses), Physics 6, and Chemistry 5, 6, 7 and 8.

Candidates shall be examined on the following subjects:

1. GENERAL CHEMISTRY.—The principles of Chemistry as in Ostwald's *Principles of Inorganic Chemistry*, translated by Findlay (Macmillan & Co.)

2. ORGANIC CHEMISTRY.—The occurrence, general modes of formation, physical properties, behavior and constitution of the principal compounds of carbon as in Berthsen's *Organic Chemistry*, translated by McGowan (Blackie & Son, Van Nostrand); and some present day problems of Organic Chemistry as in Lachman's *Spirit of Organic Chemistry* (The Macmillan Co.)

3. HISTORY OF CHEMISTRY.—Outlines of the history of Chemistry. Candidates will be expected to have an acquaintance with the following: Armitage, *History of Chemistry* (Longmans, Green & Co.); Schorlemmer, *Rise and Development of Organic Chemistry* (Macmillan & Co.); Roscoe, *Dalton and the Rise of Modern Chemistry* (Macmillan & Co.); Shenstone, *Justus von Liebig*; Thorpe, *Essays in Historical Chemistry* (Macmillan & Co.). Candidates will also be expected to have read the following memoirs:—Graham, *Researches on the Arseniates, Phosphates, and Modifications of Phosphoric Acid* (Alembic Club Reprints, No. 10); Liebig and Wohler, *Ueber das Radikal der Benzoesaure* (Ostwalds *Klassiker*, No. 22); Liebig, *Ueber die Constitution der organischen Sauren* (Ostwalds *Klassiker*, No. 26).

4. LABORATORY METHODS.—The principles and methods of qualitative and quantitative analysis and the practical details of laboratory operations as in Talbot's *Quantitative Analysis* (The Macmillan Co.), Ostwald's *Foundations of Analytical Chemistry* (Macmillan & Co.), and in typical exercises selected from Cohen's *Practical Organic Chemistry for Advanced Students*, Gatterman's *Practical Methods of Organic Chemistry*, translated by Schober, and Lengfeld's *Inorganic Chemical Preparations* (The Macmillan Co.).

The above requirements in Chemistry are in large part based on the work of the classes known as Chemistry 5, 6, 7, and 8.

5. CHEMICAL PHYSICS.—Those sections of Physics which have an intimate bearing upon chemical research, viz., the properties of gases and liquids, including the kinetic theory of gases and the

theory of solutions, the theory of heat, electrolysis, and the wave theory of light.—Physical experimental methods which are applicable in chemical research, as in Ostwald's *Physico-Chemical Measurements* (Macmillan & Co.)—The discussion of the degree of accuracy of experimental results, as in Holman's *Precision of Measurements* (J. Wiley & Sons).

A large part of the requirements in Chemical Physics is based on the work of the classes known as Physics 2, 3, and 5.

Degrees with Distinction

The degree of Bachelor of Arts or Science with Distinction will be conferred on undergraduates for special excellence shown in the classes in the ordinary course. The award of such degree is based upon the Class Distinctions (page 42) gained by candidates; and not only are the number and grade of such Distinctions considered, but also the extent and character of the work by which they have been gained. Distinctions gained in recognized classes of other Faculties of the University are taken into consideration, but not those gained in other colleges, though such classes may be recognized for the degree.

Candidates for Distinction are advised to consult the Faculty with respect to the selection of classes.

Degrees with Honours

The Bachelor of Arts or Bachelor of Science degree with Honours in any one or more of the departments of study in which Honour courses are provided, will be conferred on undergraduates for special excellence shown in the subjects of such courses.

A candidate for Honours may defer his examination in the subjects of his 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 examination of such Honour course.

Successful candidates will be declared to have obtained their degrees With Honours, With High Honours, or With High Honours and a Medal.

Degree of Master of Arts

The degree of Master of Arts will be conferred on a Bachelor of Arts of this University 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 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 course. In the latter case, no fixed courses of study are laid down, the intention being to encourage graduates to prosecute advanced courses of study either at this or at any other College, or by private reading, and to adapt the courses to their individual tastes and capacities. But no course of study shall be approved unless it is confined either to one department of study or to closely related departments.

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

Degree of Master of Science

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

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

Degree of Bachelor of Music

The course of study for the degree of Bachelor of Music may be completed in three years, and includes, the following subjects:—English, Acoustics, Harmony, Counterpoint, Canon and Imitation, Fugue, History of Music, Orchestration, Analysis of Forms, and Analysis of Scores.

Candidates are required to pass in French and German in the Junior Matriculation examination, and to satisfy the examiners before proceeding to the final examination for the degree that they have a good reading knowledge of these languages.*

Candidates are required to submit evidence of having attended approved courses of instruction in the above subjects. The University provides instruction only in English, French, German and Acoustics. Instruction in the professional subjects of the course may be obtained at the Halifax Conservatory of Music,† or other institution recognized for this purpose by the Senate.

Besides passing the examinations in the subjects of the course, candidates are required to submit at or before the final examinations certain prescribed exercises, and to give evidence of their ability as musical performers by playing before one or more of the examiners on the piano-forte, organ or violin certain prescribed pieces of music. Details of these requirements are given below.

EXAMINATIONS

The examinations are arranged in three groups or years. The examination in any one group may be taken in a single year, and a candidate must have passed in all the subjects of a given group or year before proceeding to the examination of the following one. The papers set shall be in accordance with the following schedule:

First Year

1. Harmony in not more than four parts; Analysis of Harmony.
2. Strict Counterpoint in two parts.
3. History of Music from the beginning of the Christian era down to 1750.
4. Acoustics.
5. English 1.

*To meet this requirement candidates are required to read carefully six hundred pages of French and four hundred pages of German, of a varied character, in addition to the amount of reading required for matriculation.

†For information regarding classes qualifying for a degree offered at the Halifax Conservatory of Music, conditions of admission, etc., application should be made to the Director, Mr. Harry Deane.

Second Year

1. Harmony in not more than five parts.
2. Strict Counterpoint in three and four parts.
3. Double Counterpoint in the octave, Canon and Imitation, in two parts; and Fugure as far as subject and answer.
4. History of Music from 1750 to the present time.
5. English 2.

Third Year

1. Strict and Free Counterpoint, in not more than five parts.
2. Double, Triple and Quadruple Counterpoint; and Canon and Imitation, in two, three, and four parts.
3. Strict and Free Fugue in not more than five parts.
4. Analysis of Forms.
5. Orchestration.
6. Analysis of Full Orchestral Score.

EXERCISES

The following exercises are to be composed by the candidate: (a) A solo song with pianoforte accompaniment; (b) a four part vocal composition; (c) an instrumental composition (other than a dance) for pianoforte, organ, or other stringed or wind instruments, with pianoforte accompaniment.

PRACTICE OF MUSIC

The final examination in the Practice of Music shall include one of the following groups:—

FOR THE PIANOFORTE.

Prelude and Fugue in E minor.....	<i>Mendelssohn.</i>
C. Major Sonata (Waldstein).....	<i>Beethoven.</i>
A $\frac{2}{4}$ major Polonaise.....	<i>Chopin.</i>
D $\frac{2}{4}$ major Nocturne.....	<i>Chopin.</i>
Concert-Etude No. 1 (Waldesrauschen).....	<i>Liszt.</i>
Rhapsodie No. 12.....	<i>Liszt.</i>

FOR THE ORGAN.

Prelude and Fugue in E minor.....	<i>Bach.</i>
Sonata in D minor (solo form).....	<i>Merkel.</i>
Air with Variations and Fugato in A.....	<i>Mozart.</i>
Third Organ Sonata.....	<i>Mendelssohn.</i>

FOR THE VIOLIN.

Sonatas for Piano and Violin... ..	<i>Rhoda.</i>
Caprices.....	<i>Gavonne.</i>
Studies.....	<i>Bach, Spohr, Bruch, Mendelssohn and Beethoven.</i>
Concertos.....	<i>Bach.</i>
Sonatas for Violin alone... ..	<i>Beethoven.</i>

The regular examinations are held annually in April. Supplementary and special examinations only at the times specified in the University Almanac. Applications, accompanied by the proper fees and certificates of attendance on professional courses, should be made to the Secreary of the Faculty of Arts and Science at least one month before the time at which the candidates expect to be examined.

Certificate in Teaching

This Certificate will be granted to candidates on the following conditions:

1. They must have received the degree of Bachelor of Arts or Science from this or some recognized University before the certificate is granted. Candidates, however, may have qualified for the certificate before attaining to the Bachelor's degree.

2. They must have spent, at least, 100 hours in observation and practice under approved supervision, and must have taught two or more lessons in a manner satisfactory to Examiners appointed or approved by this University. Candidates whose work as teachers has been favourably reported upon by a recognized authority, or who have taken a course in a Normal School, may be exempted from this requirement.

3. They are required to attend the course in Education given in this University.

4. They must pass examinations in the following:—

James, *Talks to Teachers*; King, *Development of the Child*; Hall, *Youth*; Fitch, *Lectures on Teaching*; Adams, *Primer on Teaching*; Bagley, *The Educative Process, and Classroom Management*; Laurie, *Language and Linguistic Method*; Adams, *Herbartian Psychology*; Plato, *Republic*, as in Bosanquet's Selections; Burnet, *Aristotle on Education*; Ascham, *Schoolmaster*; Milton, *Tractate on Education*; Locke, *Thoughts on Education*; Spencer, *Education*; Thring, *Theory and Practice of Teaching*; Laurie, *Educational Opinion since the Renaissance*; Russell, *German Secondary Schools*. School Systems in Canada and United States.

Candidates may, however, be exempted from such parts of the above examination as are included in the class examinations passed by them.

Preliminary Courses in Engineering

The following preliminary courses are prescribed for students who look forward to completing courses in Civil, Electrical, Mechanical or Mining Engineering in the Nova Scotia Technical College or other technical institution. These courses correspond to the requirements prescribed for admission to the courses for a degree in Engineering in the Nova Scotia Technical College. They extend over two years and cover the work usually included in the first two years of a four years' course in the above branches of Engineering.

For admission to the first year of these courses a candidate must have passed in at least the Algebra,

Geometry and Trigonometry of the Engineering Matriculation (p. 14). A candidate who has not met these requirements, but who has passed the Junior Matriculation (p. 11), is admitted to the classes in Mathematics, English, and foreign languages of the Arts and Science course, which qualify for entrance to the preliminary courses in Engineering.

In the following schedule the time required for the work of each class in lecture-room and laboratory or drawing-room is expressed in hours per week for the session. Details of the class-work and hours of meeting of classes will be found under Course of Instruction (pp. 51 et seq.)

FIRST YEAR

ALL BRANCHES OF ENGINEERING.

	LECTURE HOURS.	LABORA- TORY HOURS.
Mathematics 3	3	
Mechanics	2	
Chemistry 1A	3	4
Geology 2	3	3
English 2	3	
Drawing 1 (Mechanical Drawing)	0	8
Shop-work.		

SECOND YEAR

CIVIL ENGINEERING.

	LECTURE HOURS.	LABORA- TORY HOURS.
Mathematics 4 (Calculus)	3	
Physics 1 (General Physics)	3	
Physics 6 (Laboratory)	0	5
Chemistry 4 (Qualitative Analysis)	1	5
Drawing 2	1	2
Surveying	2	4
Shop-work.		

ELECTRICAL AND MECHANICAL ENGINEERING.

	LECTURE HOURS.	LABORA- TORY HOURS.
Mathematics 4 (Calculus)	3	
Physics 1 (General Physics)	3	
Physics 6 (Laboratory)	0	5
Chemistry 4 (Qualitative Analysis)	1	5
Drawing 2 (Descriptive Geometry)	1	2
Drawing 3 (Machine Design)	0	3
Surveying	2	4
Shop-work.		

MINING ENGINEERING.

	LECTURE HOURS.	LABORA- TORY HOURS.
Mathematics 4 (Calculus)	3	
Physics 1 (General Physics)	3	
Physics 6 (Laboratory)	0	5
Chemistry 4 (Qualitative Analysis)	1	5
Mineralogy	2	3
Drawing 3	0	3
Surveying	1	2
Shop-work.		

General Regulations

MATRICULATION.

Candidates for a degree must pass the Junior or Senior Matriculation (pp. 10, 13), and they are recommended to do so before entering upon any of the prescribed courses of study. Only those classes which a student attends as an undergraduate or matriculant are recognized as qualifying for a degree.

A matriculant pursuing a course for a degree in Arts, Science or Music must complete his Matriculation before entering the classes proper to the *third year of his course; and no class which he may subsequently attend as a matriculant is recognized as qualifying for a degree.

A matriculant in Engineering must complete his Matriculation before entering the classes proper to the second year of his course.

ATTENDANCE.

Candidates for a degree or certificate are required to attend the classes of their prescribed course regularly and punctually. Attendance is recorded in each class immediately before the work of the class is begun, and the record is not amended in the case of students entering thereafter unless satisfactory reasons are assigned. A student's attendance on a given class is not under ordinary circumstances regarded as regular, unless he has attended at least nine-tenths of the lectures or other meetings of the class.

A student whose attendance on any class is irregular may be excluded from the Christmas and Spring examinations in that class, and in such case his attendance is not recognized as qualifying for a degree.

*For the purpose of this regulation attendance on five single classes or equivalents shall be regarded as constituting a year of attendance.

CLASS-WORK.

Candidates, in order that their class-work may be recognized as qualifying for a degree or certificate, must conform to the following requirements:—

1. They must appear at all examinations, prepare such essays, exercises, reports, etc., as may be prescribed, and in the case of a class involving field or laboratory work, complete such work satisfactorily. Failure to meet these requirements in any class may involve exclusion from the Christmas and Spring examinations in that class.

2. They must secure positions on the Pass list. In determining this list both the standing attained in prescribed class exercises and in field or laboratory work and that in the various examinations are taken into consideration.

3. Candidates taking affiliated courses must, in the case of classes taken in other Faculties, conform to the regulations of such Faculty and must secure a position on the Pass list in accordance with such regulations.

ORDER OF CLASSES.

The order in which the classes of a course may be taken is subject to the following provisions:—

1. In any one subject classes are to be taken in the order of their advancement.

2. The class or classes specified under Courses of Instruction (pp. 51 et seq.) as preliminary to a given class are to be taken before that class.

3. A student who has failed to pass in an elementary or preliminary class in any subject shall not be permitted to enter a more advanced class requiring that subject, unless he has taken the Supplementary or a Special examination in such preliminary class. A student who has appeared at, but has failed to pass this examination, may enter the more advanced class only by permission of the Faculty. Such permission will be granted only to those whose standing seems to justify it; and if granted, may be withdrawn if the instructor of such advanced class report unfavorably upon the work done by the student so admitted.

Examinations**SESSIONAL AND CLASS EXAMINATIONS.**

In all classes other than purely laboratory classes, two examinations, at least, are held,—the Christmas examination immediately before the Christmas vacation, and the

Spring examination, after the close of lectures in the Spring. In some classes other examinations may be held, at dates appointed by the instructor. The papers set at the Spring examination in any subject cover the work of the whole session in that subject, and not merely the work of the Spring term.

DISTINCTION EXAMINATIONS AND CLASS DISTINCTION.

Students who attain a certain standard of excellence in the work of a class are awarded Distinction in that class. In some classes, in addition to the ordinary work required for the attainment of a position on the Pass list, additional work, consisting of private reading, essays, reports, field or laboratory work, may be prescribed for students who aim at Class Distinction. In such classes extra examinations are held in this additional work at the end of the session, and the award of Distinction is based upon the ordinary and the additional work of the class. In all other classes the award is made upon the standard reached in the ordinary class-work.

Class Distinctions are of two grades,—First and Second Class; but candidates who attain a standing considerably above that required for First Class will be indicated as having obtained a High First Class.

Names appearing on the Pass list are arranged in order of merit. In the Distinction lists names are arranged in alphabetical order in each grade.

SUPPLEMENTARY AND SPECIAL EXAMINATIONS.

A student who fails to secure a position on the Pass list in any class, but who has otherwise completed his class-work, shall be allowed the Supplementary examination in such class at the beginning of the next session of his attendance, on the day appointed in the University Almanac. A student who fails to appear at or to pass the Supplementary examination can only get credit for that class by passing a Special examination therein.*

Supplementary or Special examinations in any class shall in all cases cover the whole work of the session in that class and not merely the work of the Autumn or Spring term.

*Students who have failed to pass in any class should carefully note that any examination taken subsequent to the Supplementary examination, held in September of the next session of their attendance is a Special Examination.

The following are the times at which Special examinations may be held:—

- (a) During the Supplementary examinations.
- (b) Within one week following the first day of lectures after the Christmas vacation.

No award of Class Distinction is made on the results of a Supplementary or Special examination.

A student wishing to appear as a candidate at a Supplementary or Special examination, shall be required to give notice of his intention to the Secretary of the Committee on Studies and Attendance on or before the date set for such notice in the University Almanac, the fee to be remitted with the notice. For fees for Supplementary and Special examinations, see p. 49.

Prizes and Scholarships

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

GRADUATION PRIZES.

THE SIR WILLIAM YOUNG GOLD MEDAL, founded by bequest of the late 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 prize, the interest of \$500, bequeathed for this purpose by the late J. F. Avery, M. D., will be awarded on graduation to the student standing highest among those graduating with Distinction.

UNDERGRADUATE PRIZES.

NORTH BRITISH SOCIETY BURSARY.—A Bursary of the annual value of \$60, founded by the North British Society of Halifax, will be awarded biennially. Candidates must be undergraduates who are just completing *two years of residence, and must be eligible at the proper age for membership in the North British Society. The Bursary will be awarded to the candidate standing highest in the examinations in any five classes selected by himself from

*For Students who have passed the Senior Matriculation read "one" for "two."

the following: Latin 2, Greek 2, French 2, German 2, English 2, Philosophy 1, Mechanics, Physics 1, Chemistry 2, Mathematics 3, Mathematics 4. It is tenable for two years, namely, during the third and fourth years of residence. The next award will be made in April, 1912.

THE WAVERLEY PRIZE.—This prize, the interest of an endowment of \$1000, will be awarded annually to the student standing highest in Mathematics 4, his standing in Mathematical classes previously taken in the university being taken into consideration. The winner of the North British Society Bursary is not eligible for this prize.

ENTRANCE SCHOLARSHIPS.

SIR WILLIAM YOUNG AND PROFESSOR'S SCHOLARSHIPS.—These scholarships are each of the value of Fifty Dollars, and awarded to qualified students entering one of the courses in Arts, or Science, leading to a degree. In order to qualify for a scholarship a student must satisfy the requirements for Matriculation, either by passing the Matriculation examination or by presenting a certificate accepted as an equivalent. The award is made on the recommendation of one of the following academies or schools. In making a recommendation the staff is required to have regard to the candidate's standing only in the subjects required for matriculation. Should an academy not be prepared to make a nomination at the time appointed, it may transfer its privilege to the next year in which it has no nomination. Where one scholarship is assigned to two academies and neither nominates, the right to nominate may be transferred to a later date.

The privilege of recommending a scholar in 1910 has been granted to Prince of Wales College, Pictou Academy, Truro Academy, Halifax Academy Sydney Academy, the New Glasgow High School, Annapolis or Digby Academy, Kentville Academy, Lunenburg Academy, Sydney Mines High School, Windsor Academy, Yarmouth Academy. This list will be revised each year. When a nomination is offered to one of two institutions, the candidate standing the highest will be appointed.

THE MACKENZIE BURSARY.—The 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 of Mackenzie, Maclean or Fraser, who obtain Distinction, will be given the preference. Should no candidate of the name of Mackenzie, Maclean or Fraser obtain Distinction, the

Bursary will be awarded to the candidate standing highest among those obtaining Distinction.

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

THE RHODES SCHOLARSHIPS.

The scholarships, established by the late Right Hon. Cecil J. Rhodes for male students, are of the annual value of £300, and are tenable for three consecutive academic years. The holders of these scholarships are required to continue their studies at the University of Oxford.

The election of scholars in Canada takes place each year during the month of January. The scholars begin residence at Oxford in October of the year for which they are elected.

In this Province it has been determined that nominations to the scholarships shall be made by the chartered Universities and Colleges in the following order:—

1904.....Dalhousie.	1909.....Kings.
1905.....Acadia.	1910.....Dalhousie.
1906.....Dalhousie.	1911.....St. Francis Xavier.
1907.....Acadia.	1912.....Acadia.
1908.....Dalhousie.	

Where Universities make appointments the Trustees require the final decision to be made through a Committee of Selection consisting of the President or Principal and four members elected by the Faculty of the University.

The conditions of eligibility for a Canadian Scholarship, according to a memorandum issued by the Trustees, are as follows:—

1. Candidates shall be British subjects, and unmarried. They shall have passed their nineteenth, but not have passed their twenty-fifth birthday, on October 1st of the year for which they are elected.
2. An elected Scholar shall have reached at least the end of his sophomore or second year's work in some recognized degree-granting University or College of Canada.
3. Candidates may elect whether they will apply for the Scholarship of the Province in which they have acquired any considerable part of their educational qualification, or for that of the Province in which they have their ordinary private domicile, home or residence. They shall be prepared to present themselves for examination or election in the Province they select. No candidate may compete in more than one Province, either in the same or in successive years.

4. Only candidates who have passed an equivalent to the Oxford Responsions Examination, or those who are exempted from Responsions by the Colonial Universities' Statute, are eligible for election.

NOTE.—Undergraduates of this University who have taken a full course for two years, including Greek, are admitted to advanced standing at Oxford, and are excused from Responsions.

In any doubtful cases of eligibility the decision of the Committee of Selection shall be final.

The following have been elected by this University:—

- 1904.—GILBERT SUTHERLAND STAIRS, B. A.
 1906.—ARTHUR MOXON, B. A.
 1908.—ERNEST A. MUNRO, B. A.
 1910.—JOHN ERSKINE READ, B. A.

1851 EXHIBITION SCIENCE RESEARCH SCHOLARSHIP.

Her Majesty's Commissioners for the Exhibition of 1851 have, for some years, offered Scholarships in certain Universities of the United Kingdom and the Colonies, with the intention of enabling students of science who have indicated high promise of capacity for original research to continue the prosecution of science with the view of aiding in its advance or in its industrial applications. In 1894 and alternate years since, the nomination to one of these Scholarships has been placed at the disposal of this University. It is expected that a similar nomination will be placed at the disposal of the University in 1912.

The following, nominated by this University, have held scholarships:—

- 1894-6.....F. J. A. MCKITTRICK, B. Sc.
 1896-9.....D. McINTOSH, B. Sc.
 1898-1901.....E. H. ARCHIBALD, M. Sc.
 1900-3.....J. BARNES, B. A.
 1902-4.....T. C. HEBB, M. A., B. Sc.
 1904-7.....W. H. ROSS, M. Sc.
 1906-8.....G. M. J. MACKAY, M. A., M. S.
 1908.....H. J. CREIGHTON, M. A.

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

The following were the conditions of nomination in 1910:—

- (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 his studies 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, although the general proficiency attained in the study of Science, special knowledge of departments of Science closely related to that to which the candidate intends to devote himself, and a 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 nominations 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 any other institution to be approved by the Commissioners, the only restriction being that the institution selected shall be properly equipped for the prosecution of Science. But a scholar will be required, in the absence of special circumstances, to proceed to an institution other than that by which he is nominated.

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

The continuance of the Scholarship for the second year is dependent upon 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.

In cases in which the candidate nominated for a Scholarship appears to H. M. Commissioners to have had insufficient opportunity of showing whether or not he has the power to carry on independent research, and not there-

fore to be immediately qualified for a Scholarship, but to give promise of becoming so after a year's experience of research work, said candidate also not being in a position to continue his studies without assistance, H. M. Commissioners may award him a Probationary Bursary. The regulations under which such Bursaries are tenable may be obtained on application to the Secretary of the Senate.

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. 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) Specific statement of qualifications of candidate, including particulars of his college career, and of original research in which he has been engaged.
- (e) Name of institution to which candidate proposes to attach himself during the tenure of Scholarship.
- (f) Statement of the particular scientific work, specifying the branch of science, to which the candidate proposes more especially to devote himself
- (g) Statement as to whether or not the candidate will be prepared to accept a probationary Bursary in the event of the Commissioners being unable to award a full Scholarship on the evidence submitted, and in the event of his being prepared, a further statement as to his being unable to continue his studies without assistance.

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

Fees

All Fees are payable in advance, and until the Fees are paid the student will neither receive credit for attendance upon any class, nor be admitted to any examination.

The Registration Fee entitles a student to the use of the University Library.

A graduate of this University attending classes is exempted from payment of the Registration Fee.

The following is a detailed statement of the fees:

**FEES FOR REGISTRATION, EXAMINATIONS,
CERTIFICATES AND DIPLOMAS**

FOR REGISTRATION.

Registration, payable by students taking one class only..	\$ 3 00
“ “ “ “ more than one class	5 00
Additional, payable by all students registering after the first Tuesday after the beginning of Lectures.....	1 00

FOR EXAMINATIONS.

*Each Supplementary examination	\$ 2 00
*Each Special examination	4 00
Matriculation examination at outside centre	5 00
Examination for the degree of B. Mus., First Year.....	10 00
“ “ “ “ Second Year.....	15 00
“ “ “ “ Third Year.....	20 00
Examination for the degree of M. A. or M. Sc. taken else- where than at the University	10 00
Each Supplementary examination in Music	5 00

FOR CERTIFICATES AND DIPLOMAS.

Certificate under the University seal	\$ 1 00
B. A. or B. Sc. diploma	5 00
B. Mus. diploma	10 00
M. A. or M. Sc. diploma (whether given on examination or thesis)	20 00
<i>Ad eundem gradum</i> diploma	10 00
Additional fee for any degree conferred <i>in absentia</i>	5 00
Application must be accompanied by fee.	

**TUITION FEES PAYABLE BY STUDENTS WHO
REGISTERED PRIOR TO SEPTEMBER, 1909**

Elementary Greek (when taken with Greek 1).....	3 00
Physics 6, 7 or 8, Geology 2, or Mineralogy.....	8 00
Chemistry 1A, including laboratory work of not more than four hours a week.....	10 00
Chemistry 1A or 2, with laboratory work of five or more hours a week, Chemistry 3 or 4, Biology, Drawing 1 or Surveying 1	12 00
Physics 9, Chemistry, 7, 8, or 9.....	14 00
Any other class.....	6 00
For changing course of study after October 1st, fee for each class added or substituted	1 00

*A matriculation examination taken by a student after his second Autumn term of attendance at the University will be charged for as a Supplementary or Special examination, according to the time when the examination is taken.

†See foot-note, page 50.

**TUITION FEES PAYABLE BY STUDENTS WHO REGISTERED
FOR THE FIRST TIME IN SEPTEMBER, 1909.
OR THEREAFTER**

For each class (excepting purely laboratory or drawing classes, and exclusive of extra fee required for classes involving work in laboratory or draughting-room), payable by students taking less than five classes	\$ 9 00
Ditto, payable by students taking more than four classes..	8 00
*Additional for each class involving work in laboratory or draughting-room	4 00
*For each purely laboratory or draughting-room class....	12 00
For changing course of study after October 1st, charge for each class added or substituted	1 00

(NOTE.—A class taken a second time is charged for as if taken for the first time.)

Caution Money

Each male student on registration is required to deposit \$2.00 as caution money to cover damage done to furniture, apparatus, etc. This amount, less deductions (if any), will be returned at the close of the session. There shall be no deduction from the Caution Fund for damages which have been charged to or assumed by individuals.

*All students taking classes involving laboratory work are required to make a deposit of five dollars on entering the class. This amount, or if charges for breakage or materials used have been incurred, what remains of it after such charges have been deducted, is returned to the student at the end of his laboratory course.

COURSES OF INSTRUCTION

I.—CLASSICS

(McLeod Professorship.)

Professor.....HOWARD MURRAY, B. A., LL. D.

Tutor.....J. MCG. STEWART, B. A.

LATIN.

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

(After Christmas this class will be conducted by the Tutor.)

Cicero, *Orations against Catiline*; Vergil, *Aeneid*, Book VI, *Cicero, *De Imperio Gnaei Pompei (Pro Lege Manilia)*; *Vergil, *Aeneid*, Book IV. Latin Prose Composition. Exercises in Sight Translation.

BOOKS RECOMMENDED: Cicero, *Selected Orations and Letters*. (Kelsey's, Allyn & Bacon, Boston, \$1.25). Vergil, *Aeneid*, Book VI. (Page's Macmillan, Toronto, 35 cents). Vergil, *Aeneid*, Book IV. (Stephenson's Macmillan, Toronto, 35 cents). Bradley's Arnold's *Latin Prose Composition*, (Longmans, London, 5s.) Allen & Greenough's *New Latin Grammar*, (Ginn & Co., Boston, \$1.20), or Bennett's *Latin Grammar*, (Allyn & Bacon, 80 cents).

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

Livy, Book I; Horace, *Odes*, Books I and II; *Livy, *Selections from Books V-VII* (as in Dennison's edition); *Vergil, *Aeneid*, Book V. Latin Prose Composition. Exercises in Sight Translation.

BOOKS RECOMMENDED: *Livy*, Book I and Selections Books II-X, (Dennison's Macmillan, Toronto, 60 cents). Horace, *Odes*, Books I and II, (Page's, Macmillan, Toronto, each 35 cents). Bradley's Arnold's *Latin Prose Composition*.

3. [1910-11.] Mondays and Wednesdays, 12 M.—1 P. M.

Tacitus, *Histories* Book I; Horace, *Selected Satires*; *Tacitus, *Histories*, Book III; *Vergil, *Bucolics*. Latin Prose Composition. Exercises in Sight Translation.

BOOKS RECOMMENDED: Tacitus, *Histories*, Book I, (Davis's Cambridge University Press, 2s. 6d.). Horace, *Satires and Epistles*, (Rolfe's, Allyn & Bacon, Boston, \$1.40). Tacitus, *Histories*, Book III, (Summers's, Camb. Univ. Press, 2s. 6d.). Vergil, *Bucolics*, (Page's, Macmillan & Co., Toronto, 35 cents).

4. [1911-12.] Mondays and Wednesdays, 12 M.—1 P. M.

Plautus, *Trinummus*; Juvenal, *Satires*, III, V. X. XIII; Tacitus, *Germania*. *Tacitus, *Annals*, Book IV. *Lucretius, Book III. Latin Prose Composition. Exercises in Sight Translation.

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

GREEK.

1. *Tuesdays and Thursdays, 10—11 A.M.; Fridays, 12 M.—1 P.M.*
(Conducted by the Tutor.)

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

BOOKS RECOMMENDED: Xenophon, *Hellenica*, Books I and II, (Underhill's, Oxford University Press, 3s.). Xenophon, *Agésilauus*, (Hallstone's, Cambridge University Press, 2s. 6d.). Fletcher & Nicholson's *Greek Prose Composition*, (Copp, Clark Co., Toronto, \$1.25.). Goodwin's *Greek Grammar*, (Ginn & Co., Boston, \$1.50).

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

Lucian, *Selected Dialogues*; Homer, *Odyssey*, Book IX;
*Lucian, *Timon* (as in Inge & Macnaghten's edition). *Homer,
Odyssey, Book XII. Greek Prose Composition. Exercises in
Sight Translation.

BOOKS RECOMMENDED: Lucian, *Selections*, (Inge & Macnaghten's,
Longman's, 3s. 6d.). Homer, *Odyssey*, Book IX, (Edwards', Cambridge
University Press, 2s. 6d.). *Odyssey*, Book XII, (von Minckwitz's, Ginn
& Co., Boston, 40 cents.) Fletcher & Nicholson's *Greek Prose Com-
position*.

3. [1910-11.] *Tuesdays and Thursdays, 12 M.—1 P.M.*

Demosthenes, *Philippics*, I-III; Euripides, *Medea*; *Demos-
thenes, *Olynthiacs*; *Euripides, *Alcestis*. Greek Prose Composi-
tion. Exercises in Sight Translation.

BOOKS RECOMMENDED: Demosthenes, *Philippics*, (Abbott & Mathe-
son's, Oxford University Press, 2s. 6d.). Euripides, *Medea*, Verrall's,
Macmillan & Co., Toronto, 60 cents). Demosthenes, *Olynthiacs*, (Glov-
er's, Camb. Univ. Press, 2s. 6d.). Euripides, *Alcestis*, Bayfield's,
Macmillan & Co., Toronto, 45 cents).

4. [1911-12.] *Tuesdays and Thursdays, 12 M.—1 P.M.*

Plato, *Apology* and *Crito*; Aristophanes, *The Clouds*. *Homer,
Iliad, Books I, II (1-493) and VI. Greek Prose Composition.
Exercises in Sight Translation.

ADVANCED CLASSES.

Professor.....HOWARD MURRAY, B. A., LL. D.

Lecturers.....{ J. W. LOGAN, M. A.
G. K. BUTLER, M. A.

5 and 6. LATIN.—Plautus, *Captivi*, *Miles Gloriosus*. Terence,
Adelphi, *Phormio*. Vergil, *Georgics* I, IV. Horace, *Epistles* I, II,
Ars Poetica. Juvenal, *Satires* I, VII, VIII, XIV. Cicero, *De*
Oratore I, *Philippics* I, II, *Pro Cluentio*. Livy, XXI, XXII. Tacit-
us, *Annals* I, II, *Agricola*. Pliny, *Letters*, Books I-III.

5 and 6. GREEK.—Aeschylus, *Eumenides*, *Prometheus Vinctus*;
Sophocles, *Oedipus Coloneus*, *Philoctetes*; Aristophanes, *Frogs*,
Knights; Homer, *Odyssey*, V-VIII. Thucydides, II, III. Plato,
Republic, I-IV. Demosthenes, *De Corona*. Aristotle, *Poetics*.

BEGINNERS' CLASS IN GREEK.

Three or four times a week.

This class, which is conducted by the Tutor, is intended for
beginners in the language, and also for those who have come to
college without sufficient preparation in the elements of Greek

accidence and syntax to enable them to attend with profit the first undergraduate class. The books used will be White's *First Greek Book*, (Ginn & Co., Boston, \$1.25); and Colson's *First Greek Reader*, (Macmillan Co., Toronto, 75 cents). Occasional examinations will be given, and those who satisfy the instructor in these examinations may have their work in this class counted as exempting them from the Junior Matriculation in Greek.

II. NEW TESTAMENT GREEK

Tuesdays, Wednesdays, Fridays and Saturdays. 12.30 P. M.

The class and examinations in New Testament Greek, conducted by Professor J. W. FALCONER, M. A., B. D., in the Presbyterian Theological College, Halifax, are recognized as qualifying for a degree. Similar classes in other Theological Colleges approved by the Faculty, are also recognized for the same purpose.

The work of the class consists of the interpretation of the Gospels. Lectures are also given on the language of the New Testament, the principles of Textual Criticism, introduction to the Gospels, and problems arising out of the Gospel narratives.

TEXT BOOKS: Westcott and Hort's, or the new Bible Society's edition of the *New Testament in Greek*; Huck, *Synopse der drei ersten Evangelica*; J. H. Moulton, *Introduction to N. T. Greek*; Hammond or Lake, *Textual Criticism of the New Testament*; Mathew, *A History of the New Testament Times in Palestine*.

BOOKS RECOMMENDED: F. Blass, *Grammar of N. T. Greek*; Burton, *New Testament Moods and Tenses*; Nestle's or Kenyon's *Textual Criticism of the Greek N. T.*

III.—HEBREW

Daily 8.45 to 9.30 A. M.

The class and examinations in Hebrew, conducted by Mr. H. F. KENT, M. A., in the Halifax Theological College are recognized as qualifying for a degree. Similar classes in other Theological colleges approved by the faculty are also recognized for the same purpose.

The aim of the course is, by a thorough drill in paradigms, and by 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 Hebrew Scriptures.

TEXT BOOK: Davidson's *Introductory Hebrew Grammar*, with Progressive Exercises in Reading and Writing., (T. & T. Clarke, Edinburgh, 7s. 6d.)

BOOKS RECOMMENDED: Gesenius' *Hebrew Grammar*, revised edition, (Mitchell, Bradley & Woodruff, Boston, \$3). Green's *Hebrew Grammar*, new edition, unabridged (Wiley and Sons, New York, \$3). Harper's *Introductory Hebrew Method and Manual*, latest edition, (American Publication Society of Hebrew, Chicago). Robinson's Gesenius' *Hebrew Lexicon*, (Houghton, Mifflin & Co., Boston, \$6).

IV.—MODERN LANGUAGES

(McLeod Professorship.)

Professor.....HOWARD P. JONES, Ph. D.

FRENCH.

*ELEMENTARY FRENCH. *Tuesdays and Thursdays, 3—4 P. M.*

Kuhn's *French Reading for Beginners* (Holt & Co.); Fraser and Squair's *French Grammar* (Copp, Clark Co.). Composition and Exercises in Sight Translation.

This class will not count towards a degree in any Faculty.

1. Tuesdays and Thursdays, 10—11 A. M., 2—3 P. M.

About, *Le Roi des Montagnes* (Macmillan & Co.); Guerlac, *Standard French Authors* (Ginn & Co.); Bazin, *Contes Choisis* (D. C. Heath & Co.). Exercises in Grammar, Composition and Sight Translation. Additional for Distinction: Mérimée, *Colomba*; Scribe, *Le Verre d'eau*.

2. [1911-12.] Tuesdays and Thursdays, 9—10 A. M.

Molière, *Le Misanthrope* (Heath & Co.); Sandeau, *Sacs et Parchemins* (Macmillan & Co.); Gautier, *Scènes de Voyage*. French Prose Composition, Conversation, Dictation. Weekley's *Primer of French Literature*.

Additional for Distinction: Balzac, *Eugénie Grandet*; Doumic, *Histoire de la Littérature française* (selected chapters).

3. Tuesdays and Thursdays, 9—10 A. M.

Delavigne, *Louis XI*; Warren, *French Prose of the XVIIIth Century*; Boileau, *L'Art poétique*. French Prose Composition, Conversation, Dictation. History of French Literature with special reference to the 19th century. Weekley's *Primer of French Literature*. Additional for distinction: Hugo, *Les Misérables*; Doumic, *Littérature française* (selected chapters).

4. Mondays, 9—10 A. M. Wednesdays, 2—3 P. M.

Delavigne, *Louis XI*; Warren, *French Prose of the XVIIIth Century*; Boileau, *L'Art poétique*; Advanced French Prose Composition (Spiers), Conversation. Duval, *Histoire de la Littérature française*. Additional for Distinction: Hugo, *Les Misérables* (Heath & Co.); Doumic, *Histoire de la Littérature française* (selected chapters); Corneille, *Nicomède* (Macmillan & Co.).

GERMAN.

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

Harris, *German Lessons* (D. C. Heath & Co.); Jones, *A German Reader* (D. Appleton & Co.) Exercises in Grammar and Composition.

This class will not count towards a degree in any Faculty.

1. Mondays and Fridays, 2—3 P. M.

Schiller, *Wilhelm Tell* (Heath & Co.); Baumbach, *Der Schwiegersohn* (Holt & Co.). German Syntax (von Jagemann). Prose Composition (Pope). Exercises in Sight Translation.

Additional for Distinction: Heyse, *Das Mädchen von Treppi* (Heath & Co.). Schiller, *Maria Stuart* (Acts I, II and III).

2. [1912-13] Wednesdays and Fridays, 9—10 A. M.

Lessing, *Minna von Barnhelm* (Holt & Co.); Freytag, *Soll und Haben* (Heath & Co.); Goethe, *Iphigenie*. German Prose Composition, Conversation, Dictation. History of German Literature (selected period).

Additional for Distinction: Elster, *Zwischen den Schlachten*; Schiller, *Die Braut von Messina*.

3. Wednesdays and Fridays, 9—10 A.M.

Freytag, *Die Journalisten*; Heine, *Die Harzreise* (Ginn & Co.); Schiller, *Wallensteins Tod*. German Prose Composition, Conversation, Dictation. History of German Literature (selected period).

Additional for Distinction: Dahn, *Ein Kampf um Rom*; Goethe, *Egmont*.

4. [1911-12] Wednesdays and Fridays, 9—10 A.M.

Paszkowski, *Deutsches Lesebuch*; Lessing, *Nathan der Weise*; Hatfield, *German Lyrics and Ballads*. German Prose Composition. Conversation, Dictation. History of German Literature (selected period.)

Additional for Distinction: Hauff, *Lichtenstein*; Fulda, *Der Talisman*.

V.—BIBLICAL LITERATURE

Lecturers..... {THE REV. H. A. KENT.
THE REV. J. W. FALCONER,

(Subject to modification on further announcement.)

Mondays and Wednesdays.

There are three courses in the Old Testament, and two in the New Testament. The work of any one session will be accepted as an elective in the third or fourth year of the Arts course.

OLD TESTAMENT.

First Course. The Historical Books of the Old Testament as a basis for the history of Israel from its origin till the rise of written Prophecy.

Second Course. Written Prophecy.

Third Course. The Poetry and Wisdom Literature of the Hebrews.

NEW TESTAMENT.

First Course. The four gospels—their origin, literary characteristics and contents.

Second Course. The literature of the apostolic age, exclusive of the gospels.

TEXT BOOKS: *The Message of the Bible*; Otley, *History of the Hebrews*; Kirkpatrick, *The Doctrine of the Prophets*; Weymouth, *The New Testament in Modern Speech*; Burton and Mathews, *Constructive Studies in the Life of Christ*.

FOR DISTINCTION: Books prescribed during the session.

FOR READING: McCurdy, *History, Prophecy and the Monuments*; Robertson Smith, *The Prophets of Israel*; Moulton, *The Literary Study of the Bible*; relevant articles in Hastings' *Dictionary of the Bible*; McFayden, *Introduction to the Old Testament*.

VI.—KELTIC

Lecturer.....REV. A. MACLEAN SINCLAIR.

Junior division meets Mondays, Tuesdays and Thursdays, 3—4 p. m. Senior divisions meets Mondays, Tuesdays and Thursdays, 2—3 p. m. Lecture on History and Literature, Wednesdays, 5—6 p. m.

This course begins after the Christmas holidays and continues throughout the remainder of the session. There are two divisions—a Junior Class in Gaelic and a Senior Class in Gaelic. A lecture on the History and Literature of the Kelts is given once

a week. It is open to members of both divisions of the class and to any one interested in the subject. Any student who has attended for two sessions and passed the examinations may offer Keltic as one of the electives of the third or fourth year.

In the Junior division the books used are *An Treoraiche; Fíledd na Coille*. In the Senior division they are Macintyre's *Gaidheal, Laoidh Oisín air Thír nan Óg*, Stewart's *Gaelic Grammar*, Joyce's *Grammar of the Irish Language*, McLeod's *Gaelic Dictionary*, Dinneen's *Irish-English Dictionary*.

VII.—ENGLISH LANGUAGE AND LITERATURE

(George Munro Professorship.)

Professor.....ARCHIBALD MACMECHAN, PH. D.

The course in English is mainly literary; the method pursued is historical. The different periods are studied in the representative works of the period; and in all cases actual acquaintance with the texts precedes criticism upon them. This part of the course is intended to furnish the student with an outline picture of English literature from Chaucer to 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. Special stress is laid upon composition. Practice is set before theory; the various exercises are corrected and preserved; the writing of "reports" forms part of this work. *The prompt and satisfactory performance of the written work is a condition of examination*. In the Advanced Classes the aim of the instruction is to acquaint the student with the grammar of Old and Middle English, and to broaden his knowledge of Elizabethan literature.

1. (A) Tuesdays and Thursdays, 12—1 P. M.

COMPOSITION.—Christmas Term; imitative exercises in the construction of narrative and descriptive paragraphs. Spring Term; ten narrative and descriptive themes based on personal experience, and work read in class.

LITERATURE.—Eighteenth Century Prose. Addison, *Papers Contributed to "The Spectator."* Swift, *Voyage to Lilliput, Voyage to Brobdingnag*. Johnson, *Life of Pope*. (Macaulay, *Samuel Johnson*). Poetry. Dryden, *MacFlecknoe, St. Cecilia's Day, Alexander's Feast*. Pope, *Rape of the Lock*. Gray, *Elegy in a Country Churchyard*; Goldsmith, *Traveller, Deserted Village*; Burns, *Twa Dogs, Cotter's Saturday Night*.

For reference: Gosse, *History of Eighteenth Century Literature*.

Candidates for Class Distinction will be examined in these additional works which are not read in class. Dryden, *Absalom and Achitophel*, Pt. I; Pope, *Essay on Man*; Johnson, *Lives of Dryden, Addison and Gray*.

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

BOOKS RECOMMENDED: Hale, *Longer English Poems* (containing all the poetry read in class); Addison ed. T. Arnold; Clarendon Press Series; Johnson, *Six Chief Lives*; ed. M. Arnold.

PARALLEL READING.—As a preparation for the course, the student is recommended to read the following works: Thackeray, *English Humorists, Congreve and Addison, The History of Henry Esmond* (bk. ii, cap. xi, at least); Macaulay, *The Comic Dramatists of the Restoration, Addison*.

2. (B) *Mondays, Wednesdays and Fridays, 12—1 P. M.*

COMPOSITION.—Lectures on the Principles of Narration, Description and Exposition. Twenty expository themes, based chiefly upon the work in class.

LITERATURE.—Elizabethan. Shakespere, *Henry IV, Pt. I, Tempest, Romeo and Juliet*. Milton, *L'Allegro, Il Penseroso, Lycidas, Comus, Sonnets, Paradise Lost*, Bks i, ii. Lectures.

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

For reference: Sidney Lee, *A Life of William Shakespere*; Dowden, *Shakespere Primer*; Saintsbury, *History of the 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:—*King John, As You Like It, King Lear*.

PARALLEL READING.—As a preparation for this course, the student is recommended to read the following works: Kingsley, *Westward Ho!* Scott, *Kenilworth*. Hentzner, *Travels in England*, Harrison, *Description of England*. (Scott Library.) Macaulay, *Milton*.

3. (C) *Tuesdays and Thursdays, 10—11 A. M.*

LITERATURE.—Middle English and Pre-Shakesperean. Chaucer, *Prologue, Knight's Tale, Nun's Priest's Tale* (ed. Skeat). Sweet, *Middle English Primer II*. Spenser, *Faerie Queene*, bks. i, ii. Marlowe, *Dr. Faustus*. Lectures.

History of Literature. Pollard, *Chaucer Primer*. For reference: Lounsbury, *Chaucer Studies*. Ten Brink. Morley, *English Writers*, V.

For Distinction: Chaucer, *The Prioress's Tale, Sir Topas, The Monk's Tale*. The whole volume of Skeat, with the exception of "The Squire's Tale."

Composition. Eight expository themes on the work of the class.

4 (D) *Tuesdays and Thursdays, 4—5 P. M.*

LITERATURE.—Nineteenth Century. Lectures; the historical and social background, the influence of the French Revolution, the predecessors of Wordsworth.—Cowper, Crabbe, Blake, Burns, Chatterton. Scott, *Old Mortality, Marmion*. Byron, *Poems*, edited by Matthew Arnold. Wordsworth, *Poems, edited by Dowden*. Coleridge, *The Rime of the Ancient Mariner, Christabel, Xubla Khan*. Shelley, *Alastor, The Sensitive Plant, Adonais, The Cloud, The Skylark, Ode to Liberty*. Keats, *Sleep and Poetry*,

Odes, Sonnets, Hyperion, Eve of St. Agnes, La Belle Dame Sans Merci.

Composition. Eight expository themes on subjects of the course.

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

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

This subject may be assigned at the end of the previous session 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 must 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 "Anatomy of Melancholy;" Tennyson's Treatment of Colour in "The Idylls of the King;" "Alastor," edited with Introduction and Notes*. The thesis must be written on special thesis paper and bound. A copy must be deposited in the College Library.

5. (E) *Tuesdays and Thursdays, 4—5 P. M.*

(Not given in 1910-11.)

LITERATURE.—Nineteenth century. Tennyson, *The Lady of Shalott, Oenone, Lotus-Eaters, Dream of Fair Women, Morte Darthur, Dora, Sir Galahad, Lord of Burleigh, Ulysses, The Revenge, Rizpah*. Poems of Tennyson, ed. MacMechan, (*Belles Lettres* series). Browning, *Selections from Men and Women*, (Dent's one vol. ed.), *Andrea del Sarto, Epistle of Karshish, Memorabilia, Evelyn Hope, A Toccata of Galuppi's, The Statue and the Bust, In a Balcony, The Last Ride Together*. Arnold, *Sohrab and Rustum, The Sick King in Bokhara, The Strayed Reveller, Empedocles on Etna, Stanzas from the Grand Chartreuse*. Dickens, *David Copperfield*, (*Everyman's Library*). Thackeray, *Vanity Fair*, (*Everyman's Library*). Ruskin, *Sesame and Lilies*, (*Everyman's Library*). Carlyle, *Sartor Resartus*, ed. MacMechan, (*Athenaeum Press Series*).

Composition: Eight expository themes on subjects of the course.

History of Literature. Saintsbury, *History of Nineteenth Century Literature*. Walker, *The Age of Tennyson*.

For Distinction, as in English 4 (D).

6. (F) *Mondays and Fridays, 9 A. M.*

(Not given in 1910-11.)

OLD ENGLISH.—Bright, *Anglo-Saxon Reader*. Sievers, O. E. Grammar, trans. Cook. Sight translation from easy texts.

7. (G) *Mondays and Fridays, 11 A.M.*

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

This course is conducted as a Seminary.

VIII.—HISTORY AND POLITICAL ECONOMY

(George Munro Professorship.)

Professor.....PRESIDENT FORREST.

HISTORY.

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

Mediæval History and Modern History to 1555.

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 Hallam's Middle Ages, Bryce's Holy Roman Empire, and introductory sections of Robertson's Charles V.

BOOKS RECOMMENDED: Gibbon, *Decline and Fall of the Roman Empire*; Hallam, *Middle Ages*; Bryce, *Holy Roman Empire*; Irving, *Mahomet and his Successors*; Guizot, *History of Civilization*; Michaud, *History of the Crusades*; Robertson, *Charles V.*; Stubbs, *Constitutional History of England*; Freeman, *Historical Geography*.

2. *Tuesdays and Thursdays, 10—11 A. M.*

Modern History from 1555.

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

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

Candidates for Distinction will be examined in additional work which will be announced at the beginning of the session.

BOOKS RECOMMENDED: Green, *England, Vol. IV.*; Guizot, *France, Mason's Abridgment*; Menzel, *Germany*; Morley, *Dutch Republic*; Bancroft, *United States*; McMaster, *History of the People of the United States*; Parkman, *France and England in North America*; Freeman, *Historical Geography*.

3. *Once a week.*

English History from 1603 to 1688.

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

This class is intended especially for undergraduates taking the Honour course in English and English History.

POLITICAL ECONOMY.

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

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

The lectures will generally follow the order of arrangement of Mill's Principles of Political Economy. 1—THE NATURE OF WEALTH: Analysis of fundamental conceptions of Wealth, &c. 2—PRODUCTION OF WEALTH: Labor, Capital, Population and their relations to each other. 3—DISTRIBUTION OF WEALTH: Wages, Profits, Rent, Socialism, Labor Unions, Land Tenure. 4—EXCHANGE: Value, Money, Banking. 5—RELATIONS OF GOVERNMENT TO TRADE AND INDUSTRY: Tariffs, Taxation.

Particular attention will be given to the problems of the day: Protection and Free Trade, Trade Unions, Combines, Bimetallism. Each student is required to read the whole of Mill's *Principles*, together with prescribed passages from leading economists and current literature on the subjects. Weekly examinations will be held on prescribed reading.

Candidates for Distinction will be examined on additional work, which will be announced at the beginning of the session.

TEXT BOOKS: Mill, *Principles of Political Economy*, (Ashley's edition); Gide, *Political Economy*.

2. *Twice a week.*

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

IX.—CONSTITUTIONAL HISTORY AND LAW

The classes in Constitutional Law and Constitutional History, conducted by Professor Weldon in the Faculty of Law, and the examinations conducted in these subjects by the Faculty of Law, are recognized as qualifying for a degree, provided students taking the Class in Constitutional History as an elective in Arts have also passed an examination in Bagehot's *English Constitution*, or in other prescribed work. Students taking the affiliated course in Arts and Laws are exempted from this provision.

X.—CONTRACTS.

The class in Contracts conducted by Professor Russell in the Faculty of Law, and the examinations conducted in this subject by the Faculty of Law, are recognized as qualifying for a degree.

XI.—PHILOSOPHY

(George Munroe Professorship).

Lecturer. PROFESSOR ROBERT MAGILL, M. A., PH. D.

1. LOGIC AND PSYCHOLOGY. *Mondays, Wednesdays and Fridays, 11—12 A. M.*

TEXT BOOKS: James, *Outlines of Psychology*; Titchener, *Text-book of Psychology*; Creighton, *Introductory Logic*; Keynes, *Formal Logic*.

2. ADVANCED LOGIC. *Tuesdays and Thursdays, 11—12 A. M.*

TEXT BOOKS: J. S. Mill, *System of Logic*; Venn, *Empirical Logic*; Venn, *Logic of Chance*.

3. MODERN PHILOSOPHY FROM DESCARTES TO KANT. *Tuesdays Thursdays, 10—11 A. M.*

Calkins, *The Persistent Problems of Modern Philosophy*; Descartes, *Method and Meditations*; Caird, *Spinoza*; Fraser, *Berkeley*; Paulsen, *Kant*.

4. GREEK PHILOSOPHY. *Tuesdays and Thursdays, 3—4 P. M.*

Rogers, *Student's History on Philosophy*; Caird, *Evolution of Greek Philosophy*; Davis and Vaughan, *Republic of Plato*; Church, *Apology, Crito, and Phaedo*; Wallace, *Outlines of Aristotle's Philosophy*; Wallace, *Epicureanism*.

5. **METAPHYSICS.** *Mondays and Wednesdays, 10—11 A. M.*
Paulsen, *Introduction to Philosophy*; Mackenzie, *Elements of Metaphysics*.
6. **ETHICS.** *Tuesdays and Thursdays, 3—4 P. M.*
Sidgwick, *Methods of Ethics*; Dewey and Tufts, *Ethics*.
7. **KANT TO HEGEL.**
Paulsen, *Kant*; Caird, *Hegel*; Seth, *Kant to Hegel*; Abbott, *Kant's Theory of Ethics*; and the Critiques of Pure and Practical Reason.

XII.—EDUCATION

Lecturers

{ H. D. BRUNT, B. A.
J. H. TREFRY, M. A.

The work of this class will be covered in one year. It will consist of two courses—one in the History of Education, and one in Educational Psychology and Theory.

History of Education, Mondays 4—5 P. M.

This course will be devoted mainly to a consideration of education among the Greeks and Romans in ancient times, and in Italy, Britain and Germany since the Renaissance.

In the ancient period particular attention will be paid to the educational schemes as outlined in Plato's *Republic*, Aristotle's *Politics*, and Quintilian's *Institutes*. The educational work and influence of Ascham, Comenius, Locke, Rousseau, Pestalozzi and Spencer will constitute the main work of the modern period.

TEXT BOOKS: Monroe, *History of Education* (abridged ed.); Laurie, *Educational Opinion since the Renaissance*.

For class distinction candidates will be examined in Tucker's *Life in Ancient Athens*, Milton's *Tractate*, and Locke's *Thoughts*.

FOR REFERENCE: Laurie, *Historical Survey of Pre-Christian Education*; Quick, *Educational Reformers*.

Wednesdays, 4—5 P. M.

The theoretical course will be mainly psychological. The autumn term will be taken up by a short course of lectures on psychology of instinct, play, fatigue, habit, imagination, attention, interest, memory, etc. The work of the spring term will be the psychology of child development.

TEXTS TO BE STUDIED: James, *Talks to Teachers*; Drummond, *The Child* (Temple Primer series); Hall, *Youth* (sel. chapters); King, *Psychology of Child Development*.

FOR REFERENCE: James, *Larger Psychology*; Forbusch, *The Boy Problem*; "Educational Review" of New York; Reports of N. E. A.

FOR DISTINCTION: J. S. Mill, *Inaugural Address at St. Andrew's*; Spencer, *Education*; Hall, *Youth*.

XIII.—MATHEMATICS

Professor.....MURRAY MACNEILL, M. A.

1. Monday, Wednesday and Friday, 10—11 A. M.

A general course in Elementary Mathematics open to those who have passed the Matriculation examination or its equivalent, and prescribed for regular first year students in Arts and Science.

Geometry.—Euclid Book XI; Mensuration of the Sphere, Prism, Pyramid, Cylinder and Cone; Geometrical Conic Sections.

Trigonometry.—Solution of plane triangles; angular analysis.

Algebra.—Indices, Logarithms, Interest and Annuities, Permutations and Combinations, Binomial Theorem, Indeterminate Equations, Graphs of Simple Expressions, Undetermined Coefficients and Partial Fractions, Exponential and Logarithmic series.

TEXTS: Wilson's *Solid Geometry and Conic Sections*; Murray's *Plane and Spherical Trigonometry with Tables*; Ross' *Elementary Algebra, Part II*.

3. *Monday, Wednesday and Friday, 11—12.*

Pre-requisite: Mathematics, 1.
Analytic Geometry.

4. *Tuesday and Thursday, 10—11; Friday, 9—10.*

Infinitesimal Calculus. This course may be taken by those who are taking or have taken Mathematics 3.

ADVANCED CLASSES.

The courses in these classes are intended for those who wish to take mathematical work in the third or the fourth year in the ordinary course in Arts or Science. They are also intended to serve as courses introductory to the study of higher mathematics, for those who may afterwards attend the graduate schools in the larger universities. Candidates for Honours in Pure and Applied Mathematics are required to take four of these courses in class.

Two of these courses will be given during each year. Each class meets two hours weekly throughout the year. The particular classes organized will depend on the students making application for them.

5. **ADVANCED CALCULUS.**—Topics in the treatises of Todhunter, Williamson, Harnack, Lamb, and Gibson.

6. **PLANE AND SOLID ANALYTICAL GEOMETRY.**—Based on the treatises of Salmon and C. Smith.

7. **DIFFERENTIAL EQUATIONS.**—Murray's *Differential Equations*, with supplementary lectures.

8. **ALGEBRA.**—Topics in Determinants, Theory of Equations, Quantics, Invariants, with lectures on Series and Functions of a real variable.

9. **PROJECTIVE GEOMETRY.**

XIV.—ASTRONOMY

Lecturer.....

1. **DESCRIPTIVE ASTRONOMY.**—*Two hours a week through the year.* (The course will be given in 1910-11 if a sufficient number of students apply for it).

This is a general course in which the leading facts and principles of Descriptive Astronomy are presented. It may be taken by students who have the requisite mathematical equipment, namely, an elementary knowledge of algebra, geometry and trigonometry.

BOOK RECOMMENDED: Young, *General Astronomy*.

XV.—PHYSICS

(George Munro Professorship.)

Professor.....A. STANLEY MACKENZIE, PH. D.
 Demonstrator.....T. C. MCKAY, PH. D.

LECTURE COURSES.

MECHANICS.—Given yearly. Tuesdays and Thursdays, 11—12 M.

Pre-requisites: Elementary trigonometry.

This course gives an elementary treatment of kinematics and dynamics, and of the general properties of solids, liquids and gases. It must be taken by all students intending to enter Physics 1. Special attention is paid to the solution of problems, all students being required to hand in papers for correction and criticism.

BOOKS RECOMMENDED: Watson, *Physics*; Duff, *Mechanics*.

FOR DISTINCTION: MacGregor, *Kinematics and Dynamics*.

MEDICAL PHYSICS.—Given yearly. Lectures, Mondays and Wednesdays, 9—10 A. M. Laboratory, Thursdays, 11 A. M.—1 P. M.

This class, designed for those intending to take the examination in Medical Physics, treats in an elementary manner of Dynamics and of the fundamental phenomena of Experimental Physics. Those taking the class must in addition to attending the lectures, spend two hours per week in the laboratory carrying on a series of practical exercises in physical measurement.

BOOKS RECOMMENDED: Duff, *A text-book of Physics*.

1. GENERAL PHYSICS.—Given yearly. Mondays, Wednesdays and Fridays, 11 A. M.—12.

Pre-requisite: Mechanics.

In the work of this course a rapid survey of the whole subject of Experimental Physics is taken, the subjects treated being: Sound, Heat, Electricity, and Magnetism, Light and other forms of Radiation. The course is fully illustrated by experiments, and special attention is paid to the solution of problems, all students being required to hand in papers for correction and criticism.

Members of the class who aim at passing merely will be examined on those parts of the subject only which are discussed in lectures. Those who aim at Distinction will be examined on private reading to be assigned, and will be expected to consult the books on the general subject of Physics recommended by the Lecturer.

BOOKS RECOMMENDED: Watson, *Physics*; Jones, *Heat, Light and Sound*; Cumming, *Electricity treated experimentally*.

FOR DISTINCTION:

2. ELEMENTARY MATHEMATICAL—HEAT AND ELECTRICITY.—Given in alternate years. To be given in 1911-12. Tuesdays and Thursdays, 11—12 M.

Pre-requisites: Mathematics 2, Physics 1, and Physics 6.

The subjects studied will be Heat, and Electricity and Magnetism. Students aiming at Distinction will be examined on private reading to be assigned in the Kinetic Theory of Gases.

BOOKS RECOMMENDED: Maxwell, *Theory of Heat*, Poynting & Thomson, *Heat*; Thomson, *Elements of the Mathematical Theory of Electricity and Magnetism*; S. P. Thompson, *Lessons on Electricity and Magnetism*.

FOR DISTINCTION: Baynes' Mayer, *Kinetic Theory of Gases*.

3. ELEMENTARY MATHEMATICAL—LIGHT AND SOUND—*Given in alternate years. To be given in 1910-11. Tuesdays and Thursdays, 11 A. M.—12 M.*

Pre-requisites: Mathematics 2, Physics 1 and Physics 6.

The subjects studied will be Light and Sound. Students aiming at Distinction will be examined on private reading to be assigned in the Wave Theory of Light.

BOOKS RECOMMENDED: Preston, *The Theory of Light*; Ellis' Helmholtz, *The Sensations of Tone*.

FOR DISTINCTION: Mann & Millikan's Drude, *The Theory of Optics*; Mann, *Manual of Advanced Optics*.

4. ADVANCED MATHEMATICAL.—*Given in alternate years. To be given in 1910-11. Mondays and Wednesdays, 10—11 A. M.*

In this course an introduction to Mathematical Physics and Applied Mathematics will be given. It is intended for candidates for Honours in Pure and Applied Mathematics, and in Mathematics and Physics, but other students with the necessary qualifications may enter the class.

BOOKS RECOMMENDED: Tait & Steele, *Dynamics of a Particle*; Love, *Elasticity*; Williamson & Tarleton, *Dynamics*; Minchin, *Statics*; Routh, *Rigid Dynamics*; Greenhill, *Hydrostatics*; Besant, *Hydromechanics*.

5. EXPERIMENTAL METHODS.—*Given yearly. Fridays, 10—11 A. M.*

This course deals with experimental methods, and the relation of theory to research, as exemplified by papers of classic interest, or by recent developments of Physics. 1905-7 and 1908-10 the subjects studied were taken from the writings of Professor J. J. Thomson and E. Rutherford on Ionization, Radioactivity, and allied topics. In 1907-8 the lectures dealt with alternating currents of electricity. The course may be conducted by lectures, by private reading, or by laboratory work or by a combination of them.

This course is intended primarily for candidates for Honours in Mathematics and Physics, and in Chemistry and Chemical Physics; but it may be elected by any student who shows that he is able to undertake it.

LABORATORY COURSES.

All students in laboratory courses are required to keep a detailed record of the investigations made, describing the methods and apparatus used, giving the results obtained and discussing the degree of accuracy and the causes of error. The excellence of this record will count largely toward the student's final mark in the course. No student is admitted to the final examination in the course whose actual work in the laboratory is unsatisfactory either from the standpoint of quantity or quality.

6. ELEMENTARY PRACTICAL.—*Given yearly. At least five hours per week. Laboratory open on Mondays, Tuesdays, Wednesdays and Thursdays, 2—5 P. M.*

In this course the student makes a series of elementary experimental investigations to aid him in grasping the fundamental quantitative physical laws upon which the science is based, and to familiarize him with the methods and instruments used in physical measurements.

BOOKS OF REFERENCE: Ames & Bliss, *Manual of Experiments in Physics*; Stewart & Gee, *Elementary Practical Physics*.

7. ELECTRICAL MEASUREMENTS.—*Given yearly. At least five hours per week. Laboratory open on Tuesdays and Thursdays, 2—5 P. M.*

Pre-requisite: Physics 1, Physics 2, and Physics 6.

This class is intended for Engineering students, and consists of a series of measurements in Magnetism and Electricity, such as Magnetic Fields, Elements of Earth's Magnetism, Magnetic qualities of Iron, use and calibration of Galvanometers, Voltmeters, Resistance, Electromotive force, Capacity, Self-induction, Power, Management of Storage Batteries, Photometry.

BOOKS OF REFERENCE: Stewart & Gee, *Elementary Practical Physics, Vol. II*; Ayrton, *Practical Electricity*; Nichols, *Laboratory Manual of Physics and Applied Electricity*.

8. ADVANCED PRACTICAL.—*Given yearly. At least five hours per week. Laboratory open Tuesdays and Thursdays, 2—5 P. M.*

Pre-requisites: Physics 1, Physics 2 or Physics 3, and Physics 6.

The work of this class consists of the investigation of physical laws of a more complex kind than in Physics 6, and a greater degree of precision will be expected in the determinations made. Students who show sufficient ability will be allowed to conduct new investigations, provided they do not use for that purpose a large portion of the time prescribed. Members of the class are required to take Physics 5, and to study the methods they may use in the works recommended by the instructor.

BOOKS OF REFERENCE: Those in Physics 7, and also Glazebrook & Shaw, *Practical Physics*; and Ostwald, *Physico-chemical Measurements*.

9. RESEARCH COURSE.—*At least ten hours per week.*

The work will consist of new investigations conducted by students who show sufficient ability, and are otherwise qualified to undertake it.

Members of the class will be required to acquaint themselves with the literature of the subject in which their investigations lie, to prepare critical reports on those portions of it with which their work is more immediately concerned, and to prepare full reports on the methods and results of their own observations.

XVI.—CHEMISTRY

(McLeod Professorship.)

Professor.....E. MACKAY, PH. D.

Demonstrator.....C. B. NICKERSON, A. M.

1. GENERAL CHEMISTRY.—*Mondays, Wednesdays and Fridays, 9—10 A. M.*

Measurement of mass, volume, pressure, temperature, heat; solids and liquids; gases and gas laws; melting-points, boiling-points, solution, crystallization; preparation and properties of common acids and alkalis; combustion, air, water, oxygen, hydrogen; fundamental laws of combination, atomic theory, Avogadro's law, formulæ, equations; chlorine; halogen group; dissociation, mass action; valence; sulphur; nitrogen, argon; carbon, some common organic compounds; periodic law; nitrogen group; isomorphism; potassium, sodium, ammonium; silver, copper, gold;

atomic heat; calcium, barium; magnesium, zinc, cadmium, mercury; thermo-chemistry; boron, aluminium; carbon group; chromium; manganese; iron, nickel, cobalt, platinum.

The lectures are illustrated as fully as possible by experiments. A tutorial class, attendance on which is in general optional, meets on Friday afternoons.

BOOKS RECOMMENDED: Smith, *General Chemistry for Colleges*, (Century Co.). For occasional reading: *Alembic Club Reprints* (W. F. Clay); Lassar-Cohn, *Chemistry in Daily Life*.

1A. The work of this class is that of Chemistry 1, with four to six additional hours a week devoted to laboratory work. The laboratory class is divided into two sections, one of which meets at 3—5 p. m. on Mondays and Wednesdays, the other at 10—12 a. m. on Tuesdays and Thursdays.

The laboratory work is designed to make the student familiar with ordinary laboratory operations and to lead him to solve simple problems in chemistry by experiment. Several common inorganic substances are prepared and studied; simple quantitative experiments, leading to the fundamental laws of chemistry, are performed; and some time is devoted to elementary work in qualitative analysis.

2. ADVANCED INORGANIC AND ELEMENTARY ORGANIC CHEMISTRY.—*Tuesdays and Thursdays, 9—10 A. M. Laboratory: Tuesdays and Thursdays, 2—4.30 P. M.*

For admission to this class Chemistry 1A, or an equivalent class in chemistry, is required.

Autumn term: the metals and their compounds; elements of Physical Chemistry, especially the portions bearing on analysis.

Spring term: compounds of carbon, their purification and analysis; the paraffins and their chief derivatives; ethylene; acetylene; benzene and its chief derivatives.

At least five hours a week must be devoted to laboratory work. This will include qualitative analysis and the preparation of pure laboratory reagents and typical inorganic and organic substances.

BOOKS RECOMMENDED: Smith, *General Chemistry for Colleges*; Talbot and Blanchard, *Electrolytic Dissociation Theory* (The Macmillan Co.); Ramsen, *Compounds of Carbon*, 4th edition, (D. C. Heath & Co.).

3. MEDICAL CHEMISTRY.—*Tuesdays and Thursdays, 9—10 A. M. Laboratory: Tuesdays, Thursdays and Saturdays, 10—11 A. M.*

Students entering this class must have taken Chemistry 1A, or an equivalent class in chemistry.

Class Work.—The subjects of study are those specified under Chemistry 2.

Laboratory Work.—All members of the class are required to devote at least three hours a week to laboratory work. This will embrace qualitative analysis, including the detection of the more commonly occurring poisons, and some exercises in organic chemistry.

BOOKS RECOMMENDED: Ramsen, *Compounds of Carbon*, 4th edition (D. C. Heath & Co.); F. M. Perkin, *Qualitative Chemical Analysis* (Longmans).

4. ENGINEERING CHEMISTRY.—*Autumn Term: Tuesdays and Thursdays, 9—10 A. M. Laboratory: Tuesdays and Thursdays, 2—4.30 P. M.*

For admission to this class Chemistry 1A, or an equivalent class, is required.

The lectures in this class are the same as those of the Autumn term in Chemistry 2.

Five hours a week are devoted to laboratory work, which includes a thorough course in qualitative analysis.

BOOKS RECOMMENDED: A. A. Noyes, *Qualitative Analysis* (The Macmillan Co.) For reference: Talbot and Blanchard, *Electrolytic Dissociation Theory* (The Macmillan Co.).

ADVANCED CLASSES.

The following classes are especially intended for candidates for Honours in Chemistry and Chemical Physics; but any student who has passed in Chemistry 2 with Distinction may be admitted. The classes are given in alternate years.

5. HISTORY OF CHEMISTRY.—(1911-12). *Once a week.*

The development of chemical theory from the time of Boyle.

BOOKS RECOMMENDED: Armitage, *History of Chemistry* (Longmans); Roscoe, *Dalton and the Rise of Modern Chemistry* (Macmillan & Co.); Shenstone, *Justus von Liebig* (Macmillan & Co.); Thorpe, *Essays on Historical Chemistry* (Macmillan & Co.); Schorlemmer, *Rise and Progress of Organic Chemistry* (Macmillan & Co.); and selected memoirs from the Alembic Club Reprints and Ostwald's *Klassiker*.

6. PHYSICAL CHEMISTRY.—(1910-11). *Once a week.*

Solutions; thermo-chemistry; electro-chemistry; and chemical dynamics.

BOOKS RECOMMENDED: Walker, *Introduction to Physical Chemistry* (Macmillan & Co.); selected portions of Ostwald's *Principles of Inorganic Chemistry* (Macmillan & Co.)

LABORATORY CLASSES.

7. PRACTICAL INORGANIC CHEMISTRY.—*At least ten hours a week.*

For admission to this class Chemistry 2, or 4, or equivalent work, is required.

The work of the class consists of quantitative analysis and the preparation of inorganic substances.

One hour a week is taken for the discussion of analytical methods, and at least ten hours a week must be devoted to laboratory work. The preparation and analyses prescribed are designed to illustrate typical methods. The quantitative exercises carried out are the following: preparation of standard solutions of acids and alkalies, estimation of chlorine, sulphur, phosphorus, carbon in carbonates, silicon, silver, copper, iron, manganese, zinc, calcium and magnesium, volumetric as well as gravimetric methods being employed wherever applicable.

Candidates for Distinction are required to undertake additional work selected from the following: estimation of iodine, nitrogen in nitrates, potassium, chromium, aluminium and lead, analysis of iron and steel, analysis of ores, water analysis.

BOOKS RECOMMENDED: Renouf, *Inorganic Preparations* (Johns Hopkins Press); Lengfeld, *Inorganic Chemical Preparations* (The Macmillan Co.); Talbot, *Quantitative Analysis* (The Macmillan Co.); Morse, *Exercises in Quantitative Chemistry* (Ginn & Co.); Blair, *Chemical Analysis of Iron* (J. B. Lippincott & Co.); Mason, *Examination of Water* (Wiley & Sons).

8. PRACTICAL ORGANIC CHEMISTRY.—*At least ten hours a week.*

For admission to this class Chemistry 2, or 3, or equivalent work, is required. The work of the class consists of the preparation and analysis of organic compounds. At least ten hours a week must be devoted to laboratory work. A sufficient number of organic compounds are prepared to illustrate the most important reactions and methods of working. Quantitative determinations are carried out of carbon, hydrogen, oxygen and nitrogen; and some molecular weights are determined.

Students are permitted to substitute for the analytical work an equivalent amount of work in other branches of analysis, or in physiological chemistry.

Candidates for Distinction are required to do additional work of the kind outlined above.

BOOKS RECOMMENDED: Remsen, *Compounds of Carbon*, 4th edition, (D. C. Heath & Co.); Cohen, *Practical Organic Chemistry for Advanced Students* (Macmillan & Co.); Gatterman, *Practical Methods of Organic Chemistry*, translated by Schober (Macmillan & Co.).

9. The work of the class will consist either (a) of original investigation conducted by students who have shown themselves qualified to undertake it, or (b) of work in analytical or synthetic chemistry in continuation of the work of either Chemistry 7 or 8.

CHEMICAL LABORATORY.

The general laboratory is open at the hours specified above under Chemistry 1A, 2, 3 and 4.

The quantitative laboratory is open daily at 9 a. m. It closes on Saturdays at 1 p. m., and on other days at 5 p. m.

XVII.—GEOLOGY AND MINERALOGY

1. GENERAL GEOLOGY.—*Lectures and collateral reading.*—*Mondays, Wednesdays, and Fridays, 10—11 A. M.*

This course is elective for candidates in Arts and Science. It covers the field of general inorganic geology, and methods of fossilization and formation of organic deposits. A laboratory period of an hour or more on Friday afternoons will also be required.

BOOKS RECOMMENDED: See Geology 2.

2. GEOLOGY.—The work of this class includes that of the lectures and collateral reading of Geology 1, together with field and laboratory work. The field and laboratory work occupies Saturday mornings throughout the year, except when there are excursions, beginning at 9. Excursions are held during the autumn except on stormy days, occupying Saturday mornings or all day. Required for candidates in Civil and Mining Engineering, and elective for candidates in Arts and Science.

The course is so arranged as to allow some differentiation between the two engineering groups in the laboratory work. The collection of maps, minerals and rocks for use in Geology 2 is unusually complete, and the work is entirely individual. The vicinity of Halifax offers a varied field for the excursions, which can be completed at small expense. Much of the work in the field is individual, and reports are required upon each excursion.

BOOKS RECOMMENDED: W. B. Scott, *An Introduction to Geology*; Chamberlin and Salisbury, *College Geology*; Dawson, *Handbook of Geology*; Young and Brock, *Geology and Economic Minerals of Canada*.

MINERALOGY.—*Lectures and laboratory work. Lectures, Tuesdays and Thursdays, 11 A. M.—12 M.; laboratory, Tuesdays and Thursdays, 4.30—6 P. M.*

The ground covered includes crystallography and general physical mineralogy, and the determination of about 200 species of minerals, chiefly by gross physical means.

Required for candidates in Mining Engineering, and elective for candidates in Arts and Science.

TEXT BOOK: Dana, *A Text Book of Mineralogy.*

XVIII.—BIOLOGY

Lecturer.....

1. *Tuesdays, 2—4 P. M.; Saturdays, 11 A. M.—1 P. M.*

*ELEMENTARY BOTANY AND ZOOLOGY.

XIX.—ANATOMY

The University provides no instruction in this subject, but the Junior or the Senior Anatomy Class and the Practical Anatomy Class, conducted in the Halifax Medical College by Professor A. W. H. Lindsay, M. D., are recognized as qualifying for a degree. The Junior Anatomy Class meets on Mondays, Wednesdays and Fridays at 12—1 P. M. The Senior Class meets on Tuesdays, Thursdays and Saturdays at 11 A. M.—12 M. The fee for each of these classes is \$15.00. The Practical Anatomy Class meets daily (Saturdays excepted), at 2.30—4.30 P. M.; fee \$15.00.

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

Undergraduates who have taken the above classes as part of their course are required to present certificates of having passed the examinations conducted by the Faculty of Medicine.

XX.—HISTOLOGY

The University provides no instruction in this subject, but the class conducted in the Halifax Medical College is recognized as qualifying for a degree. The class meets on Tuesdays and Thursdays, 9—10 A. M. Undergraduates who have taken this class as part of their course are required to present a certificate of having passed the examination of the Faculty of Medicine. The fee for this course is \$15.00.

XXI.—PHYSIOLOGY

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

Undergraduates who have taken this class as part of their course are required to present a certificate of having passed the examination of the Faculty of Medicine.

*The classes to be offered in Biology are subject to revision at the beginning of the session.

XXII.—THEORY AND HISTORY

The classes in the Theory of Music and History of Music, conducted in the Halifax Conservatory of Music, 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, fees, text-books, etc., may be obtained on application to the Director of the Conservatory.

XXIII.—DRAWING

Professor.....C. D. HOWE, B. S.

MECHANICAL DRAWING.—Lectures one hour and drawing seven hours per week throughout the year.

The work includes the selection, care, and use of drawing instruments, lettering, geometrical exercises, instrumental rendering, object drawing, both freehand and to scale from measurements, isometric and wash drawings, tracing and blue-printing. All engineering students are required to take this course in the first year.

2. DESCRIPTIVE GEOMETRY.—Lectures two hours per week, drawing four hours per week during the second term.

The work includes the projection of lines, plane figures, and solids, problems on the relations of straight lines and planes in space, intersections and developments, surfaces of revolution. The course aims not only to develop the power to visualize magnitudes involving three dimensions, but also to point out practical applications to engineering work. Required of all students in Civil, Mechanical, and Electrical Engineering.

3. MACHINE DESIGN.—Drawing six hours per week, during the first term.

The course includes the drawing of bolts, nuts, and screws, pipe connections, belt, chain, and tooth gearing, and the detail drawings and assembly of some machine, made from freehand sketches and measurements taken by the student. Required of students in Mechanical and Electrical Engineering.

XXIV.—SURVEYING

Professor.....C. D. HOWE, B. S.

Lectures three hours per week, field work four hours per week first term, drawing four hours per week second term.

Instruction is given in the use and adjustment of the various surveying instruments, also in plane land surveying by chain, compass, transit, and level, city surveying, hydrographic surveying, triangulation, topographical, and mine surveying. The work includes theory, practice in field work and plotting, and conventional representation of topographical features.

Required of all students in Engineering.

Faculty of Law.

THE PRESIDENT.

R. C. WELDON, PH. D., K. C. H. MCINNES, K. C., LL. B.
HON. B. RUSSELL, D. C. L., J. S. C. W. B. WALLACE, LL. B., J. C. C.
HON. A. DRYSDALE, J. S. C. W. F. O'CONNOR, B. C. L., LL. B.
G. PATTERSON, A.M., LL.B., J.C.C.

Correspondence should be addressed to
Dean Weldon, Law School, Dalhousie College.

COURSES OF LECTURES

The following Courses of Lectures to be given in the Session of 1910-11, will begin on the 7th Sept., 1910, and end on the 22nd February, 1911.

CONSTITUTIONAL AND INTERNATIONAL LAW

(George Munro Professorship.)
Professor.....R. C. WELDON, K. C.

CONSTITUTIONAL LAW.

Two lectures per week. Subjects of lectures:
Constitutional Conventions. Royal Prerogative.
Lex Parliamenti. Colonial Laws Validity Act.
Select Cases; Cartwright's Cases.

CONSTITUTIONAL HISTORY.

Two lectures per week. Subjects of lectures:
Feudalism in England. Origin and growth of the Two Houses of Parliament. Origin and Development of Trial by Jury. Origin and Development of the Courts of Law. The Royal Prerogative. History of the Law of Treason. The Liberty of the Person. The Liberty of the Press. History of Party Government. Origin and Development of the Cabinet System. History of the Reform Bills. The Written Code of the Constitution. *Magna Charta.* Petition of Right. Bill of Right. *Habeas Corpus.*

TEXT BOOK: Taswell-Langmead's Constitutional History of England.

CONFLICT OF LAW.

One lecture per week. Subjects of lectures:
Leading rules as to (1) personal capacity, (2) rights of property, (3) rights of obligation, (4) rights of succession, (5) family

rights, (6) forms of legal acts. The use of courts by strangers. The effect of foreign judgments. Select cases upon the Conflict of Laws.

TEXT BOOK: Nelson's Private International Law.

INTERNATIONAL LAW.

One lecture per week. Subjects of lectures:

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

TEXT BOOK: Hall's International Law.

CRIMES

Lecturer.....W. B. WALLACE, LL. B., J. C. C.

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.

TEXT BOOKS The Canadian Criminal Code, 1892.

SHIPPING

Lecturer.....PROFESSOR WELDON.

Subjects of lectures:

Registration of Shipping. Transfer. Mortgage. Charter Party. Bill of Lading. Collision. Damage. Salvage. Freight. Towage. General Average.

CONTRACTS

Professor.....B. RUSSELL, M. A., D. C. L., J. S. C.

Two lectures per week. Subjects of lectures:

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

TEXT BOOKS: Finch's Contracts, and Anson on Contracts.

EQUITY JURISPRUDENCE

Lecturer.....PROFESSOR RUSSELL.

One lecture per week, extending over two years. Subjects of lectures:

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

TEXT BOOK: Smith, H. A.

SALES OF PERSONAL PROPERTY

Lecturer.....PROFESSOR RUSSELL.

One lecture per week. Subjects of lectures, [1910-11]:

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

TEXT BOOK: Benjamin on Sales.

NEGOTIABLE INSTRUMENTS

Lecturer.....PROFESSOR RUSSELL.

One lecture per week. Subject of lectures, [1911-12]:

Formal Requisites, Consideration. Indorsement and Transfer Real and Personal Defence. Over-due Paper. Notice of Dishonor Protest.

TEXT BOOK: McLaren on Bills.

EVIDENCE

Lecturer.....GEORGE PATTERSON, A. M., LL. B., J. C. C.

Two lectures per week. Subjects of lectures:

Nature of proof. Production and effect of evidence. Relevancy. Instruments of Evidence.

TEXT BOOKS: Greenleaf on Evidence; Judicature Acts and Rules.

PARTNERSHIP

Lecturer.....W. B. WALLACE, LL. B., J. C. C.

Subjects of lectures:

Constitution. Liability of partners *inter se* and to third persons. Change of firm. Retirement of partners. Dissolution.

TEXT BOOK: Lindley on Partnership.

PRACTICE AND PROCEDURE

Lecturer.....MR. HECTOR MCINNES, LL. B.

Subjects of lectures:

Judicature 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.....PROFESSOR WELDON.

One lecture per week. Subjects of lectures:

Definitions. Torts considered with reference to Crime and Contracts. Deceit. Slander and Libel. Malicious Prosecution Conspiracy. Assault and Battery. Trespass to Property. Conversion. Nuisance. Negligence.

TEXT BOOK: Bigelow, or Pollok.

REAL PROPERTY

Lecturer.....MR. W. F. O'CONNOR, B. C. L., LL. B.

One lecture per week. Subjects of lectures:

Estates in lands. Seisin. Limitation of present and future estates in lands. Joint tenancies and tenancies in common. Equitable estates in lands.

TEXT BOOKS: Williams on Real Property, and Challis on Real Property.

WILLS

Lecturer.....MR. W. F. O'CONNOR, B. C. L., LL. B.

One lecture per week. Subjects of lectures:

Origin of Wills. The Statute of Frauds as affecting Wills. Form and characteristics of instrument. Personal disabilities of testators. What may be devised or bequeathed. Execution, publication, revocation and republication of Wills. The Wills Acts of the various Maritime Provinces. Probate Court practice.

TEXT BOOK: Hays and Jarman on Wills.

COMPANIES

Lecturer.....ARTHUR DRYSDALE, J. S. C.

One lecture a week.

Admission of Students

(1.) Students may enter the University by (a) entering their name in the Register, and (b) paying the prescribed fees.

(2.) Students who wish to obtain University Degrees must become undergraduates. They may become undergraduates by (a) passing the Matriculation Examination of the Arts Faculty or a recognized equivalent, or (b) pro-

ducing certificates of Articled 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 Undergraduates.

(3.) Students, who are not undergraduates, are classed as General Students.

Degree of Bachelor of Laws

(1.) All candidates for the Degree of LL. B., are required to pass the Matriculation Examination of the Arts Faculty, or a recognized equivalent, to attend not less than five-sixths of the lectures given in each subject of the Course of Study, to pass the prescribed Examinations in the subjects of the three years Course of Study, and to argue at least two cases in the Moot Court.

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

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

Courses 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. | 5. Shipping. |
| 2. Partnership. | 6. Wills. |
| 3. Negotiable Instruments. | 7. Evidence. |
| 4. Constitutional Law. | |

Third Year

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

The Faculty urgently recommend that students devote their whole time during Sessions to the work of the School, experience having proved that students who undertake office work in addition to the work of their classes, receive comparatively little advantage from the lectures.

Sessional Examinations

(1.) The Sessional Examinations will begin next Session on February 23rd, 1911.

(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 one or two subjects at the Sessional Examination, 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 Sept. 1st, 1910.

(6.) Hereafter Supplementary Examinations shall be held but twice during the year, at the beginning of the Session and at the end.

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

Moot Courts

Moot Courts are held weekly.

The case to be argued is stated by the Professor or Lecturer who is to preside. Every candidate for a degree shall be required to take part in at least two arguments at the Moot Court. The senior counsel on either side shall file briefs with the Dean one day before the day on which the case is argued. A record is 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.

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, 6th September, 1910. in the office of the Law School.

Registration Fee, payable only by General Students	\$ 2 00
Registration after September 22nd, additional fee.	1 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	8 00
Fee for classes of the First Year, payable by undergraduates	50 00
Fee for the classes of the Second Year, payable by undergraduates	50 00
Fee for the classes of the Third Year, payable by undergraduates	50 00
Fee for LL. B. diploma, which is payable before the final examination, and will be returned in case of failure.	10 00
Fee for the 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 hereafter be admitted to the Lecture Rooms unless they have paid their class fees.

In no case will students be asked to pay higher fees than were published in the latest copy of the Dalhousie Law Calendar which had been issued before the date of registration.

Faculty of Medicine

THE PRESIDENT, (*ex officio.*)

GEORGE L. SINCLAIR, M. D.	MURDOCH CHISHOLM, M. D.
A. W. H. LINDSAY, M. D., C. M.	NORMAN F. CUNNINGHAM, M. D.
ANDREW J. COWIE, M. D.	JOHN W. MACKAY, M. D.
ALEXANDER P. REID, M. D.	E. V. HOGAN, M. D.
MATTHEW A. CURRY, M. D.	J. G. MCDUGALL, M. D., C. M.
LOUIS M. SILVER, M. B., C. M.	DANIEL MCINTOSH, M. D.
F. U. ANDERSON, M. R. C. S., Eng.	W. B. MOORE, M. D., C. M.
EBENEZER MACKAY, Ph. D.	R. A. H. MCKEEN, M. D.
WILLIAM H. HATTIE, M. D.	A. L. MCCALLUM, B. Sc.
GEORGE M. CAMPBELL, M. D.	A. F. BUCKLEY, M. D., C. M.
NORMAN E. MACKAY, M. D.	F. R. HALEY, M. A.
H. H. MACKAY, M. D.	

Dean of the Faculty: DR. SINCLAIR.

Secretary of the Faculty: DR. LINDSAY.

Correspondence should be addressed:

*The Secretary, Faculty of Medicine,
Dalhousie College, Halifax.*

Courses of Instruction*

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

I.—CHEMISTRY.

(*McLeod Professorship.*)

Professor.....	E. MACKAY, PH. D.
Instructor.....	C. B. NICKERSON, A. M.

Medical students are required to attend the courses given in the University known as **1B**, **3** and **3A**.

1B. Lectures: Mondays, Wednesdays and Fridays, 11-12 A. M.
Laboratory: Mondays, Wednesdays and Fridays, 10-11 A. M.

Lectures on General Chemistry covering the same ground as in Chemistry 1 in the Faculty of Arts and Science. At least three hours a week must be devoted to laboratory work.

TEXT BOOK: Smith, *General Chemistry for Colleges* (Century Co.).

*It is to be distinctly understood that the program and regulations regarding courses of study and examinations contained in this Calendar hold good for year ending April 30, 1911 only, and that the Faculty, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely for the entire period of a student's course to the conditions now laid down.

3. *Lectures: Tuesdays and Thursdays, 9—10 A. M. Laboratory: Tuesdays, Thursdays and Saturdays, 10—11 A. M.*

Students entering this class must have taken Chemistry **1B**, or an equivalent class in Chemistry.

Class Work.—Autumn term: Metals and their compounds, with special reference to those having medicinal or dental uses or toxic properties; elements of Physical Chemistry. Spring term: Organic Chemistry.

Laboratory Work.—Qualitative analysis, including the detection of the more commonly occurring poisons; exercises in Organic Chemistry.

TEXT BOOKS: Smith, *General Chemistry for Colleges*; Remsen, *Compounds of Carbon*, 4th edition (D. C. Heath & Co.); F. M. Perkin, *Qualitative Chemical Analysis* (Longmans).

3A. *Lectures and Laboratory: Saturdays, 9—10 A. M.*

Students entering this class must have taken Chemistry **3**, or an equivalent.

Air; water, its sanitary analysis and purification; adulteration of foods; the proximate principles of the body and of food; typical food-stuffs as milk, flour, bread, meat; the blood; the digestive fluids and digestion; urine. The laboratory exercises will include the detection of adulterations in milk, simple quantitative exercises in the analysis of water, and the study of glucose, albumen, digestive fluids and urea with quantitative exercises.

II.—BIOLOGY.

Lecturer.....

Tuesdays, 11 A. M.—1 P. M.; Saturdays, 9—11 A. M.

The course of instruction in this class will cover elementary Botany and Zoology, and will include laboratory work.

III.—MEDICAL PHYSICS.

Professor.....

Demonstrator.....

Lectures, Mondays and Wednesdays, 9—10 A. M. Laboratory, Thursdays, 11 A. M.—1 P. M.

This class, designed for those intending to take the examination in Medical Physics, treats in an elementary manner of Dynamics and of the fundamental phenomena of Experimental Physics. Those taking the class must in addition to attending the lectures, spend two hours per week in the laboratory carrying on a series of practical exercises in physical measurement.

BOOKS RECOMMENDED: Duff, *A text-book of Physics*.

2. In other subjects the necessary classes may be attended at any other University or College recognized by the Senate.

General Regulations for Courses

1. Students wishing to attend the above courses may do so either as Special 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.

2. Except as hereinafter specified,* the attendance of those only who are registered as Undergraduates in Medicine, will qualify for Degree Examinations in this Faculty.

3. Undergraduates in Arts or Science who are also matriculated in the Medical Faculty may offer for their Arts or Science degree certain classes of the Medical curriculum and thereby shorten their subsequent course in Medicine. See "Affiliated Courses," Calendar of Faculty of Arts and Science, pp. 23-27.

4. Certificates indicating less than 90 per cent. of attendance upon any class will not be accepted without valid reason for absence being shown.

The Academic Year

The Academic Year consists of one session of eight months' duration. The session of 1910-1911 will begin on Thursday, August 25th, 1910, and end on Thursday, April 27th, 1911.

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.

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 Preliminary Examination of the Provincial Medical Board of Nova Scotia, the Junior Matriculation Examination of this University with Latin as one of the languages selected, or some other examination recognized by the Board as sufficient,† and of having completed their sixteenth year before the passing of such examination.

See footnote () page 83.

†All information in reference to Requirements for the Preliminary Examination of the Provincial Medical Board, Exemptions, etc., may be obtained on application to the Registrar of the Board, Dr. A. W. H. Lindsay, 241 Pleasant Street, Halifax.

2. The examinations recognized *pro tanto* by the Provincial Medical Board will be similarly recognized by this Faculty.

3. Candidates who may have passed in all but one of the subjects required for the Preliminary Examination of the Provincial Medical Board either before the Board's Examiners or at any of the recognized Examinations indicated above, provided they shall have made at least 25% in such subject, may enter as undergraduates, but will subsequently be required to comply with the Board's regulations as regards the remaining subject of examination before being admitted to the classes of the second year.

Degree Examinations

1. Candidates for the degrees of M. D. and C. M., who began the study of medicine previous to July 1, 1908, will be required to pass two main examinations—the Primary and the Final M. D., C. M. Examinations; candidates who began study subsequent to July 1, 1908, will be required to pass a "Professional Examination" at the end of each year.

2. All candidates for examinations must enter their names in the University Register at the beginning of the session.* They will be required to satisfy before admission to the examinations certain conditions as to fees, attendance on classes, etc. Tickets of admission will be issued to all candidates who have complied with these requirements of the Faculty, which tickets shall be produced at each examination.

3. The Regular Degree Examinations will be held during the second and third weeks in April of each year.

4. At *all* examinations a minimum of 50% in each subject† will be required to obtain a "Pass," except under the conditions specified on p. 92, sec. 4. Candidates making 75% or over in any subject shall be indicated in the published class lists as having "*Passed with distinction.*" The names in the two divisions of the class lists and in the general pass lists shall be placed in alphabetical order.

5. Should a candidate fail to pass or to hand in a paper in any subject or subjects at the Regular Examina-

*Fee for persons registering on or before Sept. 27, two dollars; subsequent to Sept. 27, three dollars.

†In Chemistry and in Physics the same percentage will be required of Medical Students as of other students in these subjects, viz.: 40%.

tions, his fee will not be returned to him, but he will be permitted a Supplementary examination in any subject or subjects on payment of \$5.00 for each subject, with or without evidence of further attendance on said subject or subjects as the Faculty may direct.

6. A candidate who has been prevented by exceptional circumstances from presenting himself at the Regular Examination may by special permission of the Faculty be allowed a Special examination, but such examination shall only be allowed at the dates specified in the University Almanac, and the fee shall be \$5.00 for each subject of examination.

7. Candidates are not permitted to present themselves for examination in selected subjects, but are required to take each section (or each "Professional Examination") as hereafter defined (pp. 82, 83, 85, 88) as a whole, except (a) Candidates obtaining the special permission of the Faculty; (b) Students taking one of the affiliated courses (p. 80, sec. 3)

In either case the fee will be \$5.00 for each subject, and such examination shall only be allowed at the dates specified in the University Almanac for the supplementary or the regular examinations.

8. Candidates who have been granted supplementary examinations, will be required to pay the examination fee whether they take the examination in the Autumn or at the time of the regular April examinations.

The following regulations regarding the Primary and Final Examinations apply to students who began the study of medicine previous to July 1st, 1908. The regulations relating to students who began study subsequent to July 1st, 1908, will be found at pages 93-95.

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

1. This examination shall consist of two parts as follows:—

(A) PRIMARY EXAMINATION, SECT. A.

1. This examination shall include Anatomy, Chemistry, Elementary Biology, and Medical Physics,† to the extent indicated in the following synopsis:—

ANATOMY.—A written examination on Osteology, including general physical characters, chemical composition and coarse

*See foot-note, page 78.

†The First Professional Examination will also include Histology.

structure of bone, ossification. Arthrology; classification of Joints, structure and mechanism of the most important (hip, knee, shoulder, elbow, ankle, etc.)

CHEMISTRY.—A written examination in elementary general chemistry, as in the course outlined on p. 78.

BIOLOGY.—Two papers will be set and 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 p. 79.

MEDICAL PHYSICS.—A written examination on the subject matter included in the course on General Physics as limited for Medical Students, as indicated at p. 79.

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

Of having, after* passing the Preliminary Examination or other equivalent examination attended either at this University, or at some other University or College approved by the Senate, during at least one medical session of eight months' duration, the following courses of lectures and instruction, viz., *Chemistry*, a course of at least 75 lectures with a laboratory course of not less than three hours per week for six months; *Biology*, a course of at least 100 hours of lectures and laboratory work; *Medical Physics*, a course of at least 50 lectures; † *Anatomy (Osteology and Arthrology)* a course of at least 75 lectures and demonstrations with 10 hours laboratory work per week for six months.

(3) Exemption from examination in any or all of these subjects may be allowed on production of satisfactory certificates.

(B) PRIMARY EXAMINATION, SECT. B.

1. This examination shall include Anatomy, Physiology and Histology, and 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 the skeleton, recent dissections, models, preparations, etc.

PHYSIOLOGY AND HISTOLOGY.—A written and oral examination on: (a) The physiology of digestion, absorption, circulation, respiration, secretion, nutrition, animal heat, animal motion; the

*Certificates may be accepted in Physics, Chemistry and Biology if when these classes were attended the candidates were qualified to offer them for an Arts or Science degree.

†In the five year course 50 hours laboratory work are required in Practical Physics.

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.

(c) Histology.

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

CHEMISTRY.—Inorganic and organic chemistry as in the course outlined under Chemistry 3, on p. 79. The examination will include (a) A written paper. (b) A practical examination in the laboratory. (c) An oral examination, in which questions may be put to candidates upon the entire work of the first two years.

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

(a) Of having passed the Preliminary Examination, or other examination recognized as sufficient, at least two academic years previously.*

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

(c) Of having after passing the Preliminary Examination or other equivalent examination, attended either in this University, or in some other University or College approved by the Senate, during at least two medical sessions each of eight months' duration, the following courses of lectures and instruction, in addition to those prescribed for Sect. A. of the Primary Examination, (p. 83), viz.: *Senior Anatomy*, a course of at least 75 lectures and demonstrations with 10 hours laboratory work per week for six months†; *Senior Chemistry*, a course in Organic and Medical Chemistry of 50 lectures with a laboratory course of not less than 3 hours per week for six months; *Physiology*, a course of at least 75 lectures; *Histology*, a course of at least 100 hours of lectures and laboratory work.

(3) (a) Candidates who have not passed Sect. A. of the Primary Examination may, by special permission of the Faculty, be allowed to complete their Primary Examination in both sections at the same time.

*Or, of having satisfied the conditions specified at p. 81 (Matriculation Examination, Sect. 3), one academic year previously.

†On completion of their course in Practical Anatomy candidates will be required to show by certificate that they have satisfactorily dissected each of the "parts" of the body twice.

(b) Exemption from examination in any or all of the subjects* of the Primary Examination, may be allowed on production of satisfactory certificates.

2 The Primary M. D., C. M. Examination will be held in the second and third weeks in April. Candidates are required to hand in their applications and to transmit as far as possible the certificates specified above for Sect. A or Sect. B, as the case may be, to the Secretary of the Faculty on or before the date specified for that purpose in the University Almanac, and the remainder of the required certificates not less than two days before the date of the examination, to enter their names in the Register of Undergraduates of the University before the date of the examination, and to pay before the date of the examination, one-sixth of the amount of the graduation fee in the case of candidates for Section A, and one-third the amount of the graduation fee in the case of candidates for Section B.

Final M. D., C. M. Examination†

This examination shall also consist of two parts as follows:

(A) FINAL EXAMINATION, SECT. A.

(1) This examination will include the following subjects:—Materia Medica, Pharmacy and Therapeutics; Pathology and Bacteriology.

MATERIA MEDICA, PHARMACY AND THERAPEUTICS.—This examination will be partly written and partly oral. 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, therapeutical uses and modes of administration of these drugs and their preparations; writing prescriptions.

At the oral examination, candidates will also be required to recognize the drugs indicated by *italics* in the annexed Schedule. *Calx Chlorinata*: Liquor Sodæ Chlorinatæ.

Ammonii Bromidum; *Potassii Bromidum*; Sodii Bromidum.

Iodum; *Potassii Iodidum*; Sodii Iodidum; Plumbi Iodidum.

Sulphur Sublimatum; *Sulphur Præcipitatum*; *Calx Sulphurata*; Potassa Sulphurata.

Phosphorus; *Calcii Phosphas*; Sodii Phosphas; *Ferri Phosphas*;

Calcii Hypophosphis; Sodii Hypophosphis.

*Candidates exempted from Sect. A of the Primary Examination will be required to pay one-half of the graduation fee before being admitted to Sect. B.

†See foot-note, p. 78.

Acidum Hydrochloricum; Acidum Nitricum; Acidum Sulphuricum.

Acidum Aceticum; Acidum Citricum; Acidum Tartaricum.

Acidum Boricum; Acidum Sulphurosum.

Acidum Hydrocyanicum Dilutum.

Liquor Ammoniae; Liquor Potassae; Potassa Caustica.

Ammonii Carbonas; Ammonii Chloridum; Liquor Ammonii Acetatis.

Potassii Bicarbonas; Potassii Sulphas; Potassii Chloras; Potassii Tartras Acidus; *Potassii Permanganas.*

Sodii Bicarbonas; Sodii Sulphas; Sodii Nitras; Borax.

Calx; Calcii Hydras; Creta Praeparata; Calcii Carbonas Praecipitatus.

Magnesia; Magnesii Carbonas; *Magnesii Sulphas.*

Alumen; Alumen Exsiccatum.

Zinci Oxidum; Zinci Chloridum; *Zinci Sulphas.*

Cupri Sulphas.

Argentii Nitras.

Hydrargyrum; Hydrargyri Oxidum Flavum; Hydrargyri Oxidum Rubrum; Hydrargyri Subchloridum; Hydrargyri Perchloridum; Hydrargyri Iodidum Rubrum; Hydrargyri Ammoniatum.

Hydrargyri Oleas; Liquor Hydrargyri Nitratis Acidus.

Plumbi Oxidum; Plumbi Acetas; Liquor Plumbi Subacetatis *Fortis.*

Antimonium Tartaratum.

Acidum Arseniosum; Ferri Arsenias; Sodii Arsenias; Arsenii Iodidum; Liquor Arsenii et Hydrargyri Iodidi.

Bismuthi Subnitras; Bismuthi Carbonas; Bismuthi Salicylas.

Ferrum; *Ferri Sulphas; Ferri Sulphas Exsiccatus; Ferri Carbonas Saccharatus; Syrupus Ferri Iodidi; Liquor Ferri Acetatis; Liquor Ferri Perchloridi; Liquor Ferri Pernitratis; Liquor Ferri Persulphatis; Ferri et Ammonii Citras; Ferri et Quininae Citras; Ferrum Tartaratum; Ferrum Redactum.*

Alcohol Absolutum; *Spiritus Rectificatus.*

Aether; Chloroformum; Iodoformum.

Chloral Hydras; Butyl Chloral Hydras; Paraldehydum; Sulphonal.

Amyl Nitris; Tabellae Trinitrini; Liquor Trinitrini; *Spiritus Aetheris Nitrosi.*

Acetanilidum; Phenacetin; Phenazonum.

Collodium.

Creosotum; Acidum Carbolicum; Acidum Salicylicum; Sodii Salicylas; Salol.

Aconiti Radix; Aconitina.

Opium; Morphinae Hydrochloridum; Morphinae Acetas; Morphinae Tartras; Apomorphinae Hydrochloridum; Codeina; Codeinae Phosphas.

Cocae Folia; Cocaine; Cocaina Hydrochloras.

Jaborandi Folia; Pilocarpinae Nitras.

Quassiae Lignum; Calumbae Radix; Gentianae Radix.

Physostigmatis Semina; Physostigminæ Sulphas.

Caffeina; Caffeinæ Citras.

Conii Fructus et Folia.

Asafoetida; Ammoniacum; Myrrha; Guaiaci Resina.

Cinchonæ Rubræ Cortex; Quininæ Sulphas; Quininæ Hydrochloridum; Quininæ Hydrochloridum Acidum.

Salicinum.

Ipecacuanhæ Radix; Senegæ Radix.

Glycerinum.

Nux Vomica; Strychnina; Strychninæ Hydrochloridum.

Belladonnæ Radix et Folia; Atropina; Atropinæ Sulphas; Hyoscyami Folia; Stramonii Semina et Folia; Homatropinæ Hydrobromidum.

Cannabis Indica.

Oleum Ricini; Oleum Crotonis; Aloe Barbadosensis; Aloe Socotrina; Aloinum; Cascara Sagrada; Colocynthis Pulpa; Elaterium; Elaterinum; Jalapa; Podophylli Rhizoma; Rhei Radix; Senna Alexandrina et Indica; Camphora; Oleum Terebinthinæ.

Acidum Tannicum; Acidum Gallicum; Kino; Catechu; Hamamelidis Cortex et Folia.

Acidum Benzoicum.

Copaiba; Cubebæ Fructus.

Colchici Cormus et Semina.

Scilla.

Filix Mas, Santoninum.

Ergota.

Oleum Morrhuæ.

Cantharis.

PATHOLOGY AND BACTERIOLOGY.—The examination will be partly written, and partly *viva voce*. Candidates will be expected to possess a knowledge of:—

(a) *General Pathology*, including Degenerative Processes, Inflammation, Morbid Growths, 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 diseases, 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 Isolation and Cultivation, Staining, Separation of Bacterial Products, Inoculation.

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

(a) Of having passed the Preliminary Examination, or other examination recognized as sufficient, at least three academic years previously.*

(b) Of having passed the Primary M. D., C. M. Examination at this University, or of having passed an equivalent examination at some other University or College recognized by the Senate.

(c) Of having, after passing the Preliminary Examination or other equivalent examination, attended at some University or College approved by the Senate, during at least three medical sessions, each of eight months' duration, the following courses of lectures and instruction, in addition to those prescribed for the Primary Examination, pp. (82, 83), viz. :—*Materia Medica*, a course of at least 75 lectures; *Therapeutics*, a course of at least 25 lectures; *Pathology and Bacteriology*, a course of at least 150 hours of lectures, demonstrations and laboratory work.

(d) Of having, after passing the Preliminary Examination, or other equivalent examination, attended at some University or College, approved by the Senate, one course of instruction of at least thirty lessons in Practical Dispensing, or under the same conditions had three months practice in the dispensing of drugs with a registered apothecary or dispensing medical practitioner.

(B) FINAL EXAMINATION. SECT. B.

(1) This examination will include the following subjects:—Medical Jurisprudence and Insanity and Hygiene, Surgery, Clinical Surgery, Medicine, Clinical Medicine, Obstetrics and Diseases of Women and Children.

MEDICAL JURISPRUDENCE AND INSANITY AND HYGIENE.—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.

*Or, of having satisfied the conditions specified at p. 81 (Matriculation Examination, Sect. 3) two academic years previously.

- III. Poisons and Poisoning:—(1) Symptoms and post mortem appearances in cases of poisoning by the following agents: Inorganic—Mineral Acids; Solutions of Alkalis; Copper; Lead; Mercury; Antimony; Arsenic; Phosphorus. Organic—Oxalic Acid; Carbolic Acid; Opium; Strychnine; Belladonna; Aconite; Chloroform; Chloral Hydrate; Cyanides. (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.
- IV. Medico-legal points in connection with:—Pregnancy, Delivery, Rape, Criminal Abortion, Infanticide, Assaults and Homicide, 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 relation to Health and Disease:—(1) The Character and Classification of Drinking Water. (2) The Causes and Sources of the Impurities found in Water and 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 Excreta 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."

SURGERY.—The examination in this subject will be partly written and partly oral. 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, of the Eye, Ear, Throat and Nose.

CLINICAL SURGERY.—This examination will be partly practical and partly oral. Cases will be submitted for diagnosis and treatment. Pathological specimens may be exhibited for identification. Candidates will also be examined on the application of Splints and Bandages, 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 on 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, etc., will be required.

OBSTETRICS 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 the 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 and Childhood.

(f) Special Pathology and Therapeutics of the Female Organs of Reproduction.

At the oral Examination, candidates may also be questioned on Gynæcological Operations and the use of Instruments and Appliances.

(2) Candidates for this examination will 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....., 19..

I, the undersigned, being desirous of obtaining the Degrees 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 next graduation day).

Signed, A. B.

(b) Of having passed the Preliminary Examination, or other equivalent examination, at least four academic years previously.*

*Or, of having satisfied the conditions specified at p. 81 (Matriculation Examination, Sect. 3) three academic years previously.

(c) Of having passed the Primary M. D., C. M. Examination at this University, or having passed an equivalent examination at some other University or College recognized by the Senate;

(d) Of having passed the First part (Sect. A) of the Final Examination at this University;

(e) Of having, after passing the Preliminary Examination or other equivalent examination, fulfilled the following requirements:

a. Attended at some University or College recognized by the Senate, during at least four academic years, each of at least 8 months' duration, two courses of at least 75 lectures each in each of the following, in addition to the subjects prescribed (pp. 83, 84, 88), viz.: *Surgery, Medicine, Obstetrics and Diseases of Women and Children, Clinical Surgery, Clinical Medicine*; one course of at least 50 lectures and demonstrations in *Medical Jurisprudence (including Insanity)*; and one course of at least 25 lectures and demonstrations in *Hygiene*, and the same in "*Ophthalmology, Otology and Laryngology*";

β. Attended at some University or College recognized by the Senate, a course of at least 25 hours in Operative Surgery, and of having performed operations on the dead body to the satisfaction of the Teacher.*

γ. Attended during at least eighteen months the practice of the Victoria General Hospital, or that of some other General Hospital approved by the Senate, or attended such hospital practice for twelve months with at least six months additional attendance on the practice of a recognized Dispensary, or of the out-patient department of an approved Hospital;

δ. Attended at a recognized Hospital or Dispensary courses of practical instruction of at least 25 lessons or demonstrations each, in Medicine and in 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;

ε. Served at least three months as a dresser in the Surgical wards, and three months as a Clinical Clerk in the Medical wards of a recognized Hospital, and reported

*Blank certificates will be issued to candidates which must be filled out and signed by the proper authority.

at least 10 Medical and 10 Surgical cases, or having done other equivalent practical work in Surgery and Medicine*;

ζ. Attended at least four cases of midwifery, under a recognized practitioner*;

η. Attended the Post Mortem Examinations in a recognized Hospital for a period of at least six months, during which they received practical instruction in the methods of making Post Mortem Examinations and in framing Reports; such certificates to be accompanied by reports of at least six autopsies which the candidate has attended.

θ. Received instruction and attained proficiency in the practice of Vaccination, under a recognized medical practitioner.*

(3) Candidates who have not passed Sect. A of the Final Examination, may, by *special* permission of the Faculty, be allowed to complete their Final Examination in both sections at the same time.

2 The Final M. D., C. M. Examination will be held in the second and third weeks in April. Candidates are required to hand in their applications and to transmit as far as possible the certificates specified above for Section A or Section B, as the case may be, to the Secretary of the Faculty, on or before the date specified for that purpose in the University Almanac, and the remainder of the required certificates not less than two days before the date of the examination, and 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 case of candidates for Section A, and one-third of the graduation fee in the case of candidates for Section B.

3. Candidates who may have been exempted from passing the Primary Examination under the provisions on p. 85, sub-section (3) (b) 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 candidate having failed to make 50% in any subject of Section B of the final Examination will also be required to pass again in any other subject in which he may have made less than 60% with or without evidence of further attendance on such subject or subjects as the Faculty, in their discretion may determine. At all such Supplementary Examinations candidates are required to make at least 60% in each subject.

*Blank certificates will be issued to candidates which must be filled out and signed by the proper authority.

THE FIVE YEARS COURSE

In April, 1908, an Act was passed by the local legislature which demands a five years' course from all candidates for the License of the Medical Board of Nova Scotia who began the study of medicine after July 1, 1908. To meet these requirements and in accordance with notice given in the Calendar of 1907-08, students who began their medical course at this University and at the Halifax Medical College subsequent to the above prescribed date, will therefore be required to produce evidence of having completed five *anni medici* before being admitted to the Final Examination for degree.

Order of Classes

The following is recommended as the order of classes for the five year course.

First Year

Junior Anatomy	Practical Anatomy
*Chemistry	Practical Chemistry
Biology	Practical Biology
Physics	Practical Physics
Histology	Practical Histology

Second Year

Senior Anatomy	Practical Anatomy
†Chemistry	Practical Chemistry
Physiology	Practical Physiology
Practical Materia Medica (or its equivalent)	Advanced Histology

Third Year

Materia Medica	Medicine (1)
Therapeutics	Obstetrics
Pathology	Practical Medicine (Diagnosis)
Practical Pathology	Practical Surgery, (Bandaging, etc.)
Bacteriology	Dispensary
‡Medical Chemistry	
Surgery (1)	

Fourth Year

Surgery (2)	Clinical Surgery
Medicine (2)	Clinical Medicine
Gynaecology	Anatomy (applied)
Pædiatrics	Post Mortems
Medical Jurisprudence	Hospital
Hygiene	

*Specially known as Chemistry 1 B.

† " " " " 3.

‡ " " " " 3 A.

Fifth Year

Operative Surgery	Nose and Throat Diseases
Clinical Surgery	Dressing (with Histories
Clinical Medicine	15 Surgical Cases)
Clinical Gynaecology	Clerking (with Histories
Clinical Paediatrics	15 Medical Cases)
Clinical Obstetrics	Practical Obstetrics
Mental Diseases	Vaccination
Skin Diseases	Post Mortems
Eye and Ear Diseases	Hospital

Degree Examinations

The following is a brief synopsis relating to the degree examinations:

FIRST PROFESSIONAL EXAMINATION

This Examination, held at the end of the first year, will include—

Anatomy, one paper

*Inorganic Chemistry, one paper

*Biology, two papers

*Medical Physics, one paper

Histology, one paper

as indicated at pages 82, 83.

The fee for this examination is Ten Dollars.

SECOND PROFESSIONAL EXAMINATION

This Examination, held at the end of the second year, will include—

Anatomy, one paper and an oral examination

Physiology and Histology, one paper and an oral examination

*Chemistry, a written, practical and oral examination as indicated at pages 83, 84.

The fee for this examination is Ten Dollars.

THIRD PROFESSIONAL EXAMINATION

To be held at the end of the third year, and will include—

Materia Medica and Therapeutics, written and oral examination.

Pathology and Bacteriology, written and oral examination.

†Medical Chemistry, written and practical examination.

The fee for this examination is Ten Dollars.

*The character of the work in the University practical classes is valued in determining the standing of the student in the class lists.

†The special course in Medical Chemistry (Chemistry 3 A) is not required of candidates for the Second Professional Examination, but is compulsory for admission to the Third Professional. See page 79.

FOURTH PROFESSIONAL EXAMINATION

To be held at the end of the fourth year, and will include—

Surgery, written examination.

Medicine, written examination.

Obstetrics and Diseases of Women and Children,
written examination.

Medical Jurisprudence and Hygiene, written exam-
ination.

The fee for this examination is Ten Dollars.

FIFTH PROFESSIONAL EXAMINATION

A general oral, clinical and practical examination on the subjects of the 4th and 5th years.

The fee for this examination is Ten Dollars.

Candidates for these examinations will be required to produce the certificates specified and comply with all the other requirements indicated at pp. 83, 84, 88, 90, for persons who began study previous to July, 1908, and Candidates for the Primary and Final M. D., C. M. Examination. All other general and special regulations applying to Sections A and B of both the Primary and the Final Examinations will apply equally to Candidates for these examinations.*

*Candidates for the First Professional Examination will be required to produce evidence of attendance on a course of 50 hours in Practical Physics, and one of at least 75 hours lectures and laboratory work in Histology.

Candidates for the Second Professional Examination must produce evidence of an additional course of 50 hours in Advanced Histology and Practical Physiology.

Medals and Prizes

MEDICAL FACULTY MEDAL.—This medal will be awarded on graduation to the student who stands first at the Final M. D., C. M. Examination (Section B), provided he shall have obtained distinction in at least four of the six subjects of examination.

DR. LINDSAY'S PRIZE.—A prize of Books will be awarded to the student who stands first among those taking Section B of the Primary M. D., C. M. Examination,* provided he shall have obtained distinction in at least two of the three subjects of examination.

DR. BIRT'S PRIZE.—A prize of Books will be awarded to the student who stands first in Medicine and Clinical Medicine at the final Professional Examination.

Sponsio Academica

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

SPONSIO ACADEMICA.

In facultate Medicinæ Universitatis Dalhousianæ.

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

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, if paid on or before Sept. 27*	\$ 2.00
Chemistry, 1B (including Laboratory Fee)†	10.00
“ “ 3 “ “ “	12.00
“ “ 3A “ “ “	3.00
Biology (including use of microscopes and reagents)	12.00
Physics (including Laboratory Fee)†	10.00
Graduation‡	30.00

*After September 27, \$3.00.

†All students taking classes involving laboratory work are required to make a deposit of Five Dollars on entering the class. This amount, or if charges for breakage have been incurred, what remains of it after such charges have been deducted, is returned to the student at the end of the laboratory course.

‡Students who have paid \$30.00 or upwards as Examination Fees are not required to pay an additional Graduation Fee.

*Second Professional Examination of the five year course.

Recognition of Dalhousie Degrees

BY THE

GENERAL MEDICAL COUNCIL OF THE
UNITED KINGDOM

The following announcement is made which will prove of great importance to all Medical Students and Graduates of this University :

That any person who holds the degrees of Doctor of Medicine and Master of Surgery of the DALHOUSIE UNIVERSITY, and is at the same time duly registered in the Medical Register of Nova Scotia, shall be entitled to be registered in the Colonial List of the British Medical Register, and shall thereby become equally entitled to the same privileges as persons registered in the regular Home Register.

In 1886 an Imperial Act was passed providing for reciprocity with regard to Medical Education and Registration between the various British Possessions (and foreign countries) and Great Britain. Owing to a defining clause in the Act being at variance with the B. N. A. Act, Canada was unable to secure the benefits of the Imperial Act for graduates from any of her medical institutions. In 1905 a Bill was passed through the British House of Commons known as the "Laurie Act" amending the Act of 1886, and pursuant to this Act an Order was obtained from the Privy Council U. K., May 11, 1906, declaring Nova Scotia a British possession to which the Act of 1886 applies. Application was then made to the General Medical Council U. K. for the recognition of the Medical degrees of this University and the above announcement embodies the decisions adopted by the Council May 28, 1907.

Nova Scotia is thus the first Canadian Province to secure these important concessions including the right to practise in Britain, and in certain other Colonies and Countries; also admission to the army and other medical services.

Faculty of Dentistry

THE PRESIDENT (*ex officio*).

HIBBERT WOODBURY, D. D. S.	H. G. DUNBAR, D. D. S.
A. C. HARDING, D. D. S.	H. W. BLACK, D. D. S.
FRANK WOODBURY, D. D. S.	W. W. WOODBURY, D. D. S.
J. M. MAGEE, D. D. S.	A. W. H. LINDSAY, M. D., C. M.
E. A. RANDALL, D. D. S.	L. M. SILVER, M. D., C. M.
M. P. HARRINGTON, D. D. S.	F. U. ANDERSON, M. R. C. S.
M. K. LANGILLE, D. D. S.	F. V. WOODBURY, M. D., C. M.
F. W. RYAN, D. D. S.	A. R. CUNNINGHAM, M. D., C. M.
A. W. COGSWELL, D. D. S.	K. A. MCKENZIE, M. D., C. M.
G. K. THOMSON, D. D. S.	E. MACKAY, Ph. D.
S. G. RITCHE, D. M. D.	H. H. MACKAY, M. D., C. M.

Dean of the Faculty: DR. FRANK WOODBURY.

Secretary of the Faculty: DR. F. W. RYAN.

Correspondence should be addressed to DR. FRANK WOODBURY.

Courses of Instruction

1. Instruction is provided by the University in the following subjects of the Dental Curriculum:—

I.—CHEMISTRY

(*McLeod Professorship.*)

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

Instructor.....C. B. NICKERSON, A. M.

Dental students are required to attend the courses given in the University, known as **1B** and **3**.

1B. *Lectures: Mondays, Wednesdays and Fridays, 11—12 A. M. Laboratory: Mondays, Wednesdays and Fridays, 10—11 A. M.*

Lectures in General Chemistry covering the same ground as in Chemistry 1 in the Faculty of Arts and Science. At least three hours a week must be devoted to laboratory work.

TEXT-BOOK.—Smith, *General Chemistry for Colleges* (Century Co.)

3. *Lectures: Tuesdays and Thursdays, 9—10 A. M. Laboratory: Tuesdays, Thursdays and Saturdays, 10—11 A. M.*

Students entering this class must have taken Chemistry 1B, or an equivalent class in Chemistry.

Class Work.—Autumn term: metals and their compounds, with special reference to those having medicinal or dental uses or toxic properties; elements of Physical Chemistry.

Spring term: Organic Chemistry.

Laboratory Work.—Qualitative analysis, including the detection of the more commonly occurring poisons; exercises in Organic Chemistry.

TEXT-BOOKS.—Smith, *General Chemistry for Colleges*; Remsen, *Compounds of Carbon*, 4th Edition (D. C. Heath & Co.); F. M. Perkin, *Qualitative Analysis* (Longmans).

CHEMICAL LABORATORY.

The general laboratory is open to students in Medicine and Dentistry from 10 to 11 a. m. daily.

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 the apparatus they have broken or injured.

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

II.—BIOLOGY

Professor.....

Tuesdays, 11 A. M.—1 P. M.; Saturdays, 9—11 A. M.

Elementary Botany and Zoology—The classes to be offered in Biology are subject to revision at the beginning of the session.

III.—MEDICAL PHYSICS

Professor.....

Instructor..... T. C. MCKAY, PH. D.

Lectures, Mondays and Wednesdays, 9—10 A. M. Laboratory, Thursdays, 11 A. M.—1 P. M.

This class, designed for those intending to take the examination in Medical Physics, treats in an elementary manner of Dynamics and of the fundamental phenomena of Experimental Physics. Those taking the class must in addition to attending the lectures, spend two hours per week in the laboratory carrying on a series of practical exercises in physical measurement.

BOOKS RECOMMENDED: Duff, *A text-book of Physics*.

Degree of Doctor of Dental Surgery

The course for the degree of Doctor of Dental Surgery extends over four years. The Academic Year consists of a session of eight months for each of the first and second years, and of seven months for the third and fourth years. The University provides the instruction required in Chemistry, Physics and Biology, and recognizes the instruction in other required subjects given in the Halifax Medical College and the Maritime Dental College, or other approved colleges. The course prescribed is in harmony with the standards of the Dominion Dental Council of Canada. A certificate of qualification, issued by the Council, entitles the holder to practice in nearly every province in Canada.

Matriculation

Candidates seeking admission to the course in Dental Surgery should first register at the Maritime Dental College. In order to register as an undergraduate in Dentistry a candidate must satisfy the requirements for Matriculation either by passing the Matriculation examination in Arts of this University, or the examination of the Provincial Dental or Provincial Medical Board of N. S., or by presenting certificates accepted as equivalent, or such certificates as are accepted by the Dominion Dental Council of Canada, or by the province in Canada in which the candidate is regularly registered as a student of Dentistry.

Candidates who are looking forward to the Medical degree should register with the Provincial Medical Board at the beginning of their course. This will enable them to take the medical and dental courses concurrently and so reduce by two years the time required for the degrees of M. D., C. M., and D. D. S. combined.

Examinations

Four professional examinations are required for the degree of D. D. S. An examination is held at the close of each year during the month of April.

Before being admitted to a Professional examination a candidate must produce satisfactory certificates:

(a) Of having passed the examination for Matriculation and of having passed the said examination after the completion of his sixteenth year.

(b) Of having passed the earlier Professional examinations; but by special permission of the Faculty a candidate who has failed in the previous examination may take the two together.

(c) Of having attended in an approved College 90 per cent. of the lectures in the subjects prescribed for the examination.

(d) Of having registered in the University and having paid the fee required for the examination.

The tickets granted for admission to examination must be shown at the examination in each subject.

Candidates who have taken the degree of B. A. or B. Sc., and in their course have taken classes in Chemistry or Physics or Biology, equivalent to those required, and have passed in the examinations, may

be granted exemption from the corresponding portions of the Professional Examinations, provided their certificates are satisfactory. Candidates from approved Dental Colleges may, on the production of satisfactory certificates, be exempted from any of the subjects of the first three Professional Examinations.

Application for examination should be sent to the Dean of the Faculty at least two weeks before the date of the first examination.

At all examinations a minimum of 50 per cent.* in each subject will be required to obtain a "pass," except in the Final Professional, where a candidate who has failed in any subject will be required to pass a Supplementary not only in that subject but also in every other subject in which he has made less than 60 per cent., and in the Supplementary he must make not less than 60 per cent. Candidates making 75 per cent. or more in any subject in the regular examination shall be declared to have "Passed with distinction." The names in the two divisions of the lists shall be placed in alphabetical order.

A candidate who has failed to pass in a subject or in more than one subject may be permitted to appear at a Supplementary examination in those subjects at the dates appointed for such examinations, provided he has paid a fee of \$5.00 for each subject in which he wishes an examination.

Candidates are not permitted to present themselves for examination in selected subjects, but are required to take each Professional examination as a whole, except (a) candidates who are exempted from part of the examination by certificates or otherwise, (b) students taking one of the Medical or Scientific subjects as an elective in their course in Arts or Science.

First Professional Examination

This examination, held at the close of the first session, shall include Anatomy, Chemistry, Biology, Physics, Histology, Operative Dentistry and Prosthetic Dentistry.

The following is a synopsis of the subjects required:—

ANATOMY

A written examination in Osteology, including general physical characters, chemical composition and structure of bone;

*In Chemistry and Physics the same percentage will be required of Dental students as of students in other Faculties, viz., 40%.

ossification, Arthology; classification of joints, structure and mechanism of the most important (temporo-maxillary, hip, knee, shoulder, elbow, ankle, etc.)

CHEMISTRY*

Elementary General Chemistry and laboratory work as given in the class known as Chemistry 1 B.

BIOLOGY*

Candidates will be expected to show a practical acquaintance with the topics in Botany and Zoology named in the University class in Biology.

PHYSICS*

The course in General Physics as outlined in the University class in Physics for medical students.

HISTOLOGY

General Histology and demonstrations in Minute Anatomy.

OPERATIVE DENTISTRY

General Anatomy of the teeth, carving and dissection of teeth, study of pulp chambers and root canals, development and eruption of the teeth; the relation of the different dental tissues as taught in the Operative Technic Laboratory.

PROSTHETIC DEETISTRY

Fundamental principles of denture construction; forms and occlusion of the teeth; materials used in Dental Prosthetics and their manipulation.

Candidates for this examination shall be required to present certificates of having attended, after having passed the Matriculation examination or its equivalent, either in this University or in some other College or University approved by the Senate, such as the Halifax Medical College or the Maritime Dental College, the following courses of lectures and instruction:—*Chemistry*, 75 lectures, with a laboratory course of not less than three hours per week for six months; *Biology*, a course of at least 100 hours of lectures and laboratory work; *Physics*, a course of 50 lectures and 50 hours of laboratory work; *Histology*, 75 lectures and demonstrations; *Anatomy*, a course of at least 75 lectures, and a course in *Practical Anatomy* in which the head and neck and one other part shall have been dissected and demonstrations held and examinations passed; a course of lectures throughout the year in *Operative Dentistry*; and in *Prosthetic Dentistry*, a course of lectures including laboratory work throughout the year.

*The certificates of a candidate in Chemistry, Biology and Physics may be accepted if when he attended these classes he was qualified to offer them for a degree in the institution in which he studied.

Second Professional Examination

This examination shall include Anatomy, Chemistry, Physiology, and Histology (Dental), Operative and Prosthetic Dentistry, and Comparative Dental Anatomy, as follows:—

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 the skeleton, 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.

CHEMISTRY

Inorganic, Organic and Physical Chemistry as in the University class, known as Chemistry 3. The examination will include:

(a) A written paper on 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 candidate upon the work prescribed in Chemistry 1 B.

PROSTHETIC DENTISTRY

Detail of Technic principles; metals and materials used in Dental Prosthesis; arrangement and occlusion of artificial teeth; relation of the muscles of mastication and of other tissues to artificial dentures; other subjects as announced later.

OPERATIVE DENTISTRY

Operative Technic; demonstrations on extracted teeth; classification and preparation of cavities; treatment of pulps and root canals; properties of filling materials; instruments and their management; development and eruption of the teeth.

COMPARATIVE ANATOMY AND HISTOLOGY

Comparative Dental Anatomy and Dental Histology.

Candidates for this examination shall be required to present certificates of having attended either in this University or some other approved college or university, such as the Halifax Medical College or the Maritime Dental College, the following courses of lectures and instruction: *Senior Anatomy*, at least 75 lectures and demonstrations with 10 hours laboratory work per week, until

the head, neck and one other part are completed; *Chemistry*, 50 lectures in Inorganic, Organic and Physical Chemistry with a laboratory course of not less than 3 hours per week; *Physiology*, 75 lectures; *Histology*, 60 lectures and laboratory work; a course of lectures and demonstrations, also practical work throughout the year in *Prosthetic Dentistry*; a course of lectures and technic in *Operative Dentistry*; a course of lectures in *Comparative Dental Anatomy*, and a course of lectures in *Dental Histology*.

Third Professional Examination

The subjects of this examination include Prosthetic Dentistry, Crown and Bridge Work, Ceramics and Operative Dentistry, Orthodontia, Pathology and Bacteriology, Materia Medica, and Oral Therapeutics to the extent indicated below:—

PROSTHETIC DENTISTRY

Construction of full and partial dentures in metal, vulcanite, porcelain, etc.; study of human face; laws governing retention of artificial dentures; metallurgy; other subjects to be announced later.

CROWN AND BRIDGE WORK

Preparation, properties, and manipulation of materials; various methods; porcelain technic and practice.

OPERATIVE DENTISTRY

Principles of practice; cavity formation; selection and introduction of filling materials; crowning, porcelain inlays and other operations in conservative dentistry; diagnosis and treatment of pathological conditions in the teeth and surrounding tissues.

ORTHODONTIA

Normal occlusion; derangement of alignment and malformation of the maxillae; methods and appliances for restoration of normal conditions in the mouth.

PATHOLOGY AND BACTERIOLOGY

General and Dental Pathology; Etiology and Pathology of the diseases peculiar to the teeth and mouth; a practical course in Bacteriology, the morphology and life history of bacteria peculiar to the oral cavity.

MATERIA MEDICA AND ORAL THERAPEUTICS

A course in General and Dental Materia Medica; Oral Therapeutics; general pathological conditions and the agents indicated in their treatment; choice and application of remedies for diseased conditions of the teeth and surrounding tissues; prescription and administration of drugs; toxic action of poisons and antidotes.

Candidates for this Examination shall be required to present certificates of having attended either in the

Halifax Medical College or the Maritime Dental College, or in some other college approved by the Senate, the following courses of lectures, demonstrations and laboratory work:—*Prosthetic Dentistry*, a course of lectures extending over the third session with infirmary and laboratory practice; *Crown and Bridge Work, Ceramics*, a course of lectures extending over the third year with infirmary and laboratory practice and the presentation of a set of models; *Operative Dentistry*, a course of lectures extending over the session with infirmary practice and the presentation of practical cases; *Orthodontia*, a course of one session's lectures with laboratory and infirmary work; *General and Oral Pathology and Bacteriology*, a course of lectures on these subjects with additional lectures of special interest to dentists; *Materia Medica and Therapeutics*, a selected course of lectures on general Materia Medica will be given in the Halifax Medical College, and a course on Special Materia Medica and Oral Therapeutics extending throughout the third session.

Final Professional Examination

This examination includes General and Oral Surgery, Operative Dentistry, Orthodontia, Prosthetic Dentistry, Crown and Bridge Work, Ceramics, Oral Hygiene, History of Dentistry, Professional Ethics and Jurisprudence and Economics, to the extent indicated below:—

SURGERY

General and Oral Surgery; Surgical Anatomy and Pathology, infection, inflammation, suppuration, necrosis, ankylosis, dislocation, fractures, tumours; surgical affection of lip, tongue, and mouth; cleft palate, hare lip.

OPERATIVE DENTISTRY

The principles and methods of all operations included in Conservative Dentistry.

PROSTHETIC DENTISTRY

The principles and methods of all operations included in Dental Prothesis.

HISTORY OF DENTISTRY, JURISPRUDENCE, ETC

History and Development of Dentistry; Professional Ethics, obligations of professional men to their patients, fellow practitioners and the public; Jurisprudence, qualifications and duties of expert witnesses; dental records; responsibilities of practitioners.

Candidates for this examination will 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....., 19..

I, the undersigned, being desirous of obtaining the Degrees of Doctor of Dental Surgery, do hereby declare that I have attained the age of twenty-one years (or if the case be otherwise, that I shall have attained the age of twenty-one years before the next graduation day).

Signed, A. B.

(b) Of having passed the Preliminary Examination, or other equivalent examination, at least four academic years previously.

(c) Of having attended the Dental Department of some university or college recognized by the Senate during four academic years, aggregating at least 30 months and covering the curriculum established by this University.

(d) Of having attended in some approved college the following courses of lectures, laboratory and infirmary work: *General and Oral Surgery, and Anaesthetics*, a course of lectures and clinical demonstrations in the third and fourth sessions; *Operative Dentistry*, a course of lectures, demonstrations and practice extending over the fourth session, including certified cases of successful operations performed during the year; *Orthodontia*, a course of demonstrations, infirmary practice extending throughout the fourth session, including certification of specified cases, also models; *Prosthetic Dentistry*, a course of lectures, demonstrations, laboratory work and infirmary practice, including certification of specified cases; *Crown and Bridge Work, Ceramics, and Oral Hygiene*, a course of special lectures, including presentation of practical cases; *History, Ethics, Jurisprudence and Economics*, a course of lectures extending throughout the year.

The final D. D. S. examination will be held in the second and third weeks in April. Candidates are required to hand in their applications to the Dean of the Dental Faculty at least fourteen days before the date of the Examination, and the required certificates not less than two days before the examination, to enter their names in the register of the University, and to pay the required fees.

Prize

THE MARITIME DENTAL SUPPLY COMPANY, LTD., of Halifax, offers a prize of Twenty-five Dollars to the student in the first year who makes the best general average in all subjects in the Spring Examinations, 1911.

Academic Costume

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

The distinctive part of the costume is the hood.

The D. D. S. hood shall be of black stuff lined with scarlet silk and bordered with gold colored silk.

University Fees

ALL FEES* ARE PAYABLE IN ADVANCE.

Registration	\$ 2.00
Registration after Sept. 27th.....	3.00
Each Annual Professional Examination	**10.00
Each Supplementary Examination	5.00
Caution Money†	2.00

*The University collects the Registration and Examination fees and Laboratory deposits. The Class Fees are paid by the Maritime Dental College. All students taking classes involving laboratory work are required to make a deposit of Five Dollars on entering the class. This amount, or if charges for breakage have been incurred, what remains of it after such charges have been deducted, is returned to the student at the end of the laboratory course.

**This includes the diploma fee. Where a candidate for the D. D. S. degree has not taken all his professional examinations at this University the total fee payable to the University shall be \$40.00.

†See University Calendar, page 50.

Societies

THE ALUMNI ASSOCIATION

(Organized 1871, incorporated 1876)

The Fortieth Annual Meeting of the Alumni Association was held at the Queen Hotel on April 27th, at 6 p. m. The president, A. S. Barnstead, B. A., LL. B., occupied the chair.

The treasurer's report showed that the receipts for the year were \$951.28 and the expenditure \$142.42, leaving a balance of \$808.86.

A resolution that the Association should contribute \$1500 for the coming session to the support of the new Chair of Biology was unanimously adopted.

Mr. Charles H. Mitchell, Halifax, was nominated to represent the Alumni on the Board of Governors.

The following officers were elected:

<i>President</i>	MELVILLE CUMMING, B. A., B. S. A.
<i>1st Vice-President</i>	A. S. BARNSTEAD, B. A., LL. B.
<i>2nd Vice-President</i>	G. W. STAIRS, B. A.
<i>Secretary-Treasurer</i>	MURRAY MACNEILL, M. A.
	R. M. MACGREGOR, B. A., M. I. A., Alumni Governor (<i>ex-officio</i>).
	H. MACKENZE, B. A., K. C., Alumni Governor (<i>ex-officio</i>).
	W. E. THOMPSON, LL. B.
<i>Executive Committee</i>	J. H. TREFRY, M. A.
	W. W. WOODBURY, B. Sc., D. D. S.
	R. M. HATTIE, B. A.
	W. C. ROSS, B. A., Alumni editor of <i>Gazette</i> .
	J. M. GELDEBT, LL. B.
<i>Auditors</i>	J. F. PUTNAM, B. A.

The officers of the Cape Breton Branch are as follows:

<i>Honorary President</i>	C. S. CAMERON, M. A.
<i>President</i>	D. MGD. CAMPBELL, M. A., B. Sc.
	C. E. McMILLAN, B. A., M. D., C. M.
<i>Vice-Presidents</i>	REV. C. C. McINTOSH, B. A.
	S. J. McLENNAN, B. A., M. D.
	A. J. CAMERON.
<i>Secretary-Treasurer</i>	F. I. STEWART, B. A.
	REV. N. McQUEEN, B. A.
	REV. F. McINTOSH, M. A.
<i>Other Members of the Executive Committee</i>	REV. J. McINTOSH, M. A., B. D.
	COLIN MCKENZIE, B. A., LL. B.
	J. J. MARTIN, B. A., LL. B.

The officers of the New England Branch are:

- President*.....K. G. T. WEBSTER, PH. D., Cambridge, Mass.
Secretary-Treasurer...ROY DAVIS, M. A., 123 Olney Street, Dorchester.

The officers of the British Columbia Branch are:

- President*.... HON. MR. JUSTICE MORRISON, LL.B., Vancouver,, B. C.
Vice-Presidents { H. W. C. BOAK, LL. B., Vancouver, B. C.
 { H. M. STRAMBERG, B. A., New Westminster, B. C.
 { ALEX. ROBINSON, B. A., LL. D., Victoria, B. C.
Treasurer..... GEO. E. ROBINSON, B. A., Vancouver, B. C.
Secretary..... G. G. SEDGEWICK, B. A., Vancouver, B. C.
Executive Com. { JUDGE HOWAY, LL. B., New Westminster, B. C.
 { H. C. SHAW, B. A., Vancouver, B. C.
 { MISS JEANETTE CANN, B. L., Victoria, B. C.

A Branch Association for the Province of Saskatchewan was organized in April, 1910, with the following officers:

- Honorary President*..J. F. FRAME, LL. B., Regina.
President..... A. MCG. YOUNG, B. A., M. D., Saskatoon.
Vice-Presidents..... { J. W. PENNINGTON, M. D., C. M., Moose Jaw
 { H. Y. MACDONALD, B. A., Regina.
 { W. R. PARSONS, B. A., LL. B., Yorkton.
Secretary-Treasurer.. D. McLEAN, B. A., Saskatoon.
Executive Committee { E. J. JORDAN, B. A., Regina.
 { REV. B. GLOVER, B. A., Estevan.
 { R. S. CAMPBELL, B. A., Indian Head.
 { A. W. ROUTLEDGE, B. A., LL. B., Davidson.

THE ALUMNÆ ASSOCIATION

(Organized March, 1909)

OFFICERS:

- Honorary President*... MRS. TRUEMAN, M. A.
President MISS ELIZA RITCHIE, B. L., PH. D.
1st Vice-President ... MISS JEAN FORREST, M. A.
2nd Vice-President... MRS. HOWARD MURRAY.
Recording Secretary .. MISS NORA POWER, B. A.
*Corresponding Secretari*MISS DORA G. FAULKNER, M. A.
Treasurer MISS GRACE SAUNDERS, 28 Carleton St., Halifax.
Other Members of the Executive Commit { MRS. ROBERT MAGILL.
 { MISS HARRIET BAYER, M. A.
 { MISS LOIS MACKAY, M. A.
 { MISS DOROTHY GORHAM, B. A.
 { MISS ISABEL GRANT.

Societies

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(Organized 1871, incorporated 1876)

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<i>1st Vice-President</i>	A. S. BARNSTEAD, B. A., LL. B.
<i>2nd Vice-President</i>	G. W. STAIRS, B. A.
<i>Secretary-Treasurer</i>	MURRAY MACNEILL, M. A.
	R. M. MACGREGOR, B. A., M. J. A., Alumni Governor (<i>ex-officio</i>).
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<i>Executive Committee</i>	J. H. TREFRY, M. A.
	W. W. WOODBURY, B. SC., D. D. S.
	R. M. HATTIE, B. A.
	W. C. ROSS, B. A., Alumni editor of <i>Gazette</i> .
	J. M. GELDERT, LL. B.
<i>Auditors</i>	J. F. PUTNAM, B. A.

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<i>Honorary President</i>	C. S. CAMERON, M. A.
<i>President</i>	D. MCD. CAMPBELL, M. A., B. SC.
	C. E. McMILLAN, B. A., M. D., C. M.
<i>Vice-Presidents</i>	REV. C. C. McINTOSH, B. A.
	S. J. McLENNAN, B. A., M. D.
	A. J. CAMERON.
<i>Secretary-Treasurer</i>	F. I. STEWART, B. A.
	REV. N. McQUEEN, B. A.
	REV. F. McINTOSH, M. A.
<i>Other Members of the Executive Committee</i>	REV. J. McINTOSH, M. A., B. D.
	COLIN McKENZIE, B. A., LL. B.
	J. J. MARTIN, B. A., LL. B.

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Mass.
Secretary-Treasurer ROY DAVIS, M. A., 123 Olney Street,
Dorchester.

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Vice-Presidents { H. W. C. BOAK, LL. B., Vancouver, B. C.
H. M. STRAMBERG, B. A., New Westminster, B. C.
ALEX. ROBINSON, B. A., LL. D., Victoria, B. C.
Treasurer GEO. E. ROBINSON, B. A., Vancouver, B. C.
Secretary G. G. SEDGEWICK, B. A., Vancouver, B. C.
Executive Com. { JUDGE HOWAY, LL. B., New Westminster, B. C.
H. C. SHAW, B. A., Vancouver, B. C.
MISS JEANETTE CANN, B. L., Victoria, B. C.

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President A. MCG. YOUNG, B. A., M. D., Saskatoon.
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H. Y. MACDONALD, B. A., Regina.
W. R. PARSONS, B. A., LL. B., Yorkton.
Secretary-Treasurer D. McLEAN, B. A., Saskatoon.
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REV. B. GLOVER, B. A., Estevan.
R. S. CAMPBELL, B. A., Indian Head.
A. W. ROUTLEDGE, B. A., LL. B., Davidson.

THE ALUMNÆ ASSOCIATION

(Organized March, 1909)

OFFICERS:

- Honorary President* MRS. TRUEMAN, M. A.
President MISS ELIZA RITCHIE, B. L., PH. D.
1st Vice-President MISS JEAN FORREEST, M. A.
2nd Vice-President MRS. HOWARD MURRAY.
Recording Secretary MISS NORA POWER, B. A.
Corresponding Secretary MISS DORA G. FAULKNER, M. A.
Treasurer MISS GRACE SAUNDERS, 28 Carleton St.,
Halifax.
Other Members of the Executive Committee { MRS. ROBERT MAGILL.
MISS HARRIET BAYER, M. A.
MISS LOIS MACKAY, M. A.
MISS DOROTHY GORHAM, B. A.
MISS ISABEL GRANT.

The Alumnae Association offers a Bursary of sixty dollars to be awarded to the woman undergraduate in the Arts and Science Faculty, standing highest in the examinations of the third year. This Bursary is payable at the opening of the following session.

STUDENT SOCIETIES

University Students' Council

Meetings are 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.

<i>President</i>	C. L. GASS.
<i>Vice-Presidents</i>	{ H. P. BELL. J. J. MCRITCHIE. J. S. MAVOR.
<i>Secretary-Treasurer</i>	A. M. JOHNSON.
<i>Executive Committee</i>	{ J. C. CROWE. R. S. DEANE. J. D. VAIR. J. S. MAVOR.
<i>Auditors</i>	{ D. C. SINCLAIR, B. A. W. S. LINDSAY, B. A.

The DALHOUSIE GAZETTE is published by the students of the University under the authority of the Council.

The following have been appointed by the students of the University as Editors for 1910-11:—

C. L. GASS (Arts, '11).	J. S. MAVOR (Law, '11).
A. D. MACDONALD (Arts, '11).	F. P. LAYTON (Law, '12).
J. P. MCQUEEN (Arts, '12).	D. A. MCLEOD (Med. '11).
J. K. SWANSON (Arts, '13).	T. A. LEBBETTER (Med. '13).
<i>Lady Editors</i>	{ MISS F. MCG. STEWART (Arts, '11) MISS NORAH G. LANTZ (Arts, '12).
<i>Alumni Editor</i>	W. C. ROSS, B. A.
<i>Alumnae Editor</i>	MISS DORA G. FAULKNER, M. A.

E. J. O. FRASER, *Business Manager*.

Arts and Science Students' Society

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

OFFICERS.

<i>President</i>	A. D. MACDONALD, '11.
<i>Vice-President</i>	A. H. MACKINNON, '13.
<i>Secretary-Treasurer</i>	J. P. MCQUEEN, '12.
<i>Executive Committee</i>	J. D. VAIR, '11.
	D. J. NICHOLSON, '12.
	J. K. MURCHISON, '12.

Law Students' Society

This Society meets at the opening of the Session for general business, and thereafter at such times as the President may deem necessary.

OFFICERS.

<i>President</i>	R. C. BURNS, B. A.
<i>Vice-President</i>	R. S. McLELLAN, B. A.
<i>Secretary-Treasurer</i>	R. S. DEANE.

The Mock Parliament

The Mock Parliament meets every Saturday night until the Christmas vacation. All students of the University are welcome, but only students taking Law classes are allowed to take part in the debates which are wholly of a political character on current questions. Parliamentary procedure is strictly observed.

OFFICERS.

Speaker

The Moot Court

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

The Medical Debating Club

The meetings of this Society are held weekly throughout the session. Topics of general interest are discussed, and papers on medical subjects are read.

OFFICERS.

<i>President</i>	W. V. COFFIN, M. D.
<i>Vice-President</i>	H. W. SCHWARTZ.
<i>Secretary</i>	J. J. McRITCHIE.
<i>Treasurer</i>	A. MCKINNON.
<i>Executive Committee</i>	JOHN STEWART.
	J. J. McRITCHIE.
	J. J. MACDONALD, B. A.

The Sodales Debating Club

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

OFFICERS.

<i>Honorary President</i>	MR. JUSTICE RUSSELL.
<i>President</i>	J. S. MAVOR (Law, '11).
<i>Vice-President</i>	A. M. JOHNSON (Med., '12).
<i>Secretary-Treasurer</i>	J. D. VAIR (Arts, '11).
<i>Executive Committee</i>	R. C. BURNS (Law, '11).
	D. A. MACLEOD (Med., '12).
	E. T. PARKER (Arts, '11).
	J. H. L. JOHNSTONE (Science, '11).
<i>Representative on Committee for Intercollegiate Debate</i>	J. P. MACINTOSH, B. A.
<i>Auditors</i>	E. J. O. FRASER (Arts, '11).
	J. K. MURCHISON (Arts, '12).

Young Men's Christian Association

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

OFFICERS.

<i>Honorary President</i>	DR. ROBERT MAGILL.
<i>President</i>	J. C. McDONALD.
<i>Vice-President</i>	A. M. JOHNSON.
<i>Secretary</i>	W. M. NELSON.
<i>Treasurer</i>	E. T. PARKER.

Young Women's Christian Association

Meetings of the Association are held every Monday afternoon at 5 o'clock.

OFFICERS.

<i>President</i>	MARION C. OUTHIT.
<i>Vice-President</i>	MARY I. DAVIDSON.
<i>Treasurer</i>	HARRIET ALICE BLIGH.
<i>Secretary</i>	MABEL MCINTOSH.

Dalhousie Dramatic Club

OFFICERS.

<i>Honorary President</i>	PROF. HOWARD MURRAY.
<i>President</i>	W. C. ROSS, B. A.
<i>Vice-President</i>	MISS MARGARET ROSS.
<i>Secretary-Treasurer</i>	J. S. MAVOR, B. A.
<i>Director</i>	MISS J. CRICHTON.
<i>Costumer</i>	O. B. JONES.
	C. L. GASS.
	O. B. JONES.
	H. B. ATLEE.
	MISS B. SILVER.
<i>Executive Committee</i>	MISS J. MACGREGOR.
	D. C. SINCLAIR, B. A.
<i>Auditors</i>	J. P. MACINTOSH.

The Dalhousie Amateur Athletic Club

<i>Honorary President</i>	PRESIDENT FORREST.
<i>President</i>	E. M. FORBES.
<i>Vice-President</i>	J. M. STEWART.
<i>Secretary</i>	J. MCG. STEWART, B. A.
<i>Treasurer</i>	PROF. MACNEILL.
<i>Executive Committee</i>	{ J. COLLIE. J. RANKINE, M. D. S. MCKENZIE. R. S. McLELLAN. P. R. FLEMMING.
<i>Captain</i>	N. C. RALSTON.
<i>Trophy Committee</i>	{ E. M. FORBES. N. C. RALSTON.
<i>Field Committee</i>	{ J. A. JOHNSON. J. RANKINE, M. D. PROF. A. S. MACKENZIE.
<i>Auditors</i>	{ R. O. BETHUNE. F. DAVIS.

The Delta-Gamma Society

The Delta-Gamma Society meets bi-monthly during the session. All lady students are eligible for membership. Debates are held, and literary programmes are prepared.

<i>President</i>	HELEN ARMITAGE.
<i>Vice-President</i>	MARGARET McLELLAN.
<i>Secretary</i>	EDITH CHISHOLM.
<i>Treasurer</i>	GLADYS SIBLEY.

AFFILIATED COLLEGE

The Prince of Wales College

(Founded in 1860.)

- S. N. ROBERTSON, M. A. (Dal.), LL. D., Principal, *Latin, Greek and School Management.*
H. H. SHAW, B. Sc. (McGill), Vice-Principal, *Chemistry, Physics.*
E. E. JORDAN, M. A. (Dal.), *Mathematics and Book-keeping.*
J. D. COLLIER, *Drawing and Manual Training.*
J. A. MACDONALD, B. A. (Laval), A. M. (Harv.), *French and Latin.*
THEO. ROSS, B. A. (Dal.), *Botany and Physical Geography.*
A. W. SEAMAN, M. A. (Dal.), *English and History.*
A. F. MATTHEWS, M. A. (Dal.), *English and History.*
B. MARTIN, *French.*

Prince of Wales College, Charlottetown, amalgamated with the Provincial Normal School of Prince Edward Island in 1879, is intended to provide for young people of both sexes a liberal education in Literature and Science, and also to educate and train the teachers for the Public Schools of the Province. Its curriculum is conformed to the common needs of the teacher and of the student seeking a general education.

The College course is planned for a term of three years. Admission to the College is to the First Year, or lowest class. Students who attain a high mark at the matriculation examination will be permitted, if on further examination found worthy, to enter the Second Year.

To the Second Year are admitted all students who have made 60 per cent. in the examinations of the First Year, and also those persons who hold a Provincial license of the Second Class.

To the Third Year are admitted those who have made 60 per cent. in the Second Year work, and also those persons who hold a license of the First Class.

At the close of the session Honour Diplomas are granted to Third Year students who make over 65 per cent. in the examinations of the year; to those students

who have shown throughout their course exceptional merit, High Honour Diplomas are issued.

Certificates are granted to Second Year students who make an average of 65 per cent. in the examinations of their year. These Certificates entitle their holders to First Class license without further examination, providing that Normal training has also been taken.

Students holding High Honour Diplomas are admitted to the Third Year of the B. A. Course in Dalhousie, those holding Honour Diplomas to the Second, those holding Certificates or First Class licenses to the First Year.

University Lists.

DEGREES

CONFERRED APRIL 28TH, 1910.

MASTER OF ARTS

- GEORGE FARQUHAR, B. A.—*By Examination in Philosophy.*
WILLIAM POLLOK FRASER, B. A.—*By Thesis in Biology.*
EDWARD WILBER NICHOLS, B. A.—*By Examination in Latin.*
ANDERSON ROGERS, B. A.—*By Examination in History.*
ROBERT ANDERSON WATSON, B. A.—*By Examination and Thesis in
Philosophy.*

BACHELOR OF ARTS

- ALFRED ARNOLD ARCHIBALD New Westminster, B. C.
✓ GRACE JOSEPHINE BAKER ✓ Dartmouth.
GEORGE KELLEY BUTLER Liverpool.
ALEXANDER RAE CAMPBELL Merigomish.
NORAH FITZROY CUTLER ✓ Dartmouth.
HAROLD SIMMONDS DAVIS Truro.
MARTHA ELLEN DEWIS ✓ Shubenacadie.
LEON LEVETT DUFFY Hillsboro, N. B.
CLARENCE SYDNEY FERGUSON Halifax.
✓ DOROTHY CONSTANCE GORHAM Halifax.
FRANCES HAVERGAL GRANT ✓ Halifax.
THOMAS ROY HALL Sheet Harbour.
DANIEL COBB HARVEY Cape Traverse, P. E. I.
MARGARET JEAN IRWIN ✓ Wine Harbour.
HECTOR FRANCIS KEMP L'Archeveque, C. B.
GROVER CLEVELAND LIVINGSTONE Harcourt, N. B.
✓ KATHLEEN ISABELLE MACALONEY ✓ Rockingham.
DONALD WILLIAM McDONALD Earltown.
✓ JOHN PHILIP MCINTOSH Pleasant Bay, C. B.
GEORGINA MARION MACKAY ✓ Reserve Mines, C. B.
JOHN GRANT McLEAN Thorburn.
JOHN C. McLENNAN Big Bras d'Or, C. B.
JAMES DUNCAN MACLEOD Scotsburn.
FRANK GORDON MACK Halifax.
GLADYS MAY MARSTERS ✓ Halifax.
✓ JOHN STEWART MAJOR Fredericton, N. B.

FRANCIS MILLIDGE MILLIGAN	Bear River.
MOSSIE MILDRED MUNRO	River John.
CHARLES DEMPSTER RUTHERFORD MURRAY	Hopewell.
LAURA MAY RAYNOR	Enmore, P. E. I.
JOHN SHENSTONE ROPER	Halifax.
ALBERT ROSS	New Glasgow.
WILLIAM CHARLES ROSS	Halifax.
HENRY ALBERT RUDIN	Port-o'-Splain, W. I.
MARGUERITE HATTNAL LOUISE SILVER	Halifax.
MARY EMILY STANFIELD SMITH	Truro.
MINNIE LENORE SMITH	Sydney, C. B.
LILLIE ALBERTA BOAK UMLAH	Halifax.
WILLIAM ARTHUR WHIDDEN	Brookfield.
KATHERINE McNEIL WHITMAN	Halifax.
GORDON BLANCHARD WISWELL	Halifax.

BACHELOR OF SCIENCE

HOWARD WATSON MATHESON	Lime Rock.
ROBIE LESLIE TITUS	Digby Co.

DOCTOR OF MEDICINE AND MASTER OF SURGERY

BESSIE ANGELA BOBER, B. A.	Windsor.
MATTHEW GEORGE BURRIS, B. A.	Upper Musquodoboit.
WILLIAM VERNON COFFIN	Bristol, P. E. I.
DANIEL ANGUS MACAULAY	Englishtown, C. B.
JOHN JAMES McDONALD, B. A.	New Glasgow.
PETER WINFRED SMYTHE MACDONNELL	Port Hood.
ALEXANDER KERR ROY, B. A.	Maitland, Hants.
MINNIE GRACE SPENCER, B. A.	Halifax.
CHARLES WILLIAM STRAMBERG	River John.

DEGREES PREVIOUSLY CONFERRED DURING THE SESSION

BACHELOR OF LAWS

JOHN JOSEPH CAMERON	Heatherton.
FREDERICK ROUE CONROY	Charlottetown, P. E. I.
KENNETH GORDON CRAIG	Amherst.
JOHN DOULL	New Glasgow.
ERNEST FREDERICK DOYLE	Halifax.
VARLEY BENT FULLERTON	Parrsboro.
RENE WILFRED LANDRY	Eel Brook, Yar. Co.
FRANCIS PAUL HAMILTON LAYTON, B. A.	Truro.
NEIL R. McARTHUR, B. A.	North Sydney.
WILLIAM ALEXANDER MACDONALD, B. A.	Port Hood.
ERNEST RENE RICHARD, B. A.	Dorchester, N. B.

HONOURS, PRIZES, Etc., 1909-10

DIPLOMAS OF HONOUR

CHEMISTRY AND CHEMICAL PHYSICS.—*High Honours*.—Harold Simmonds Davis, Howard Watson Matheson.

DIPLOMAS OF GENERAL DISTINCTION

Great Distinction.—Daniel Cobb Harvey, James Duncan MacLeod, Minnie Lenore Smith.

Distinction.—Grace Josephine Baker, Marguerite Hattnal Louise Silver.

GRADUATE PRIZES AND MEDALS

UNIVERSITY MEDAL.—*Chemistry and Chemical Physics*.—Harold Simmonds Davis, Howard Watson Matheson.

UNDERGRADUATE PRIZES AND SCHOLARSHIPS

Junior Entrance Scholarships:

MACKENZIE BURSARY.—Walter M. Billman.

SIR WM. YOUNG SCHOLARSHIPS.—Mary I. Davidson (Amherst), Marion B. Henderson (Prince of Wales College), Mabel E. Magee (Annapolis), J. P. MacQueen (New Glasgow), W. H. Noonan (Pictou), George H. Thompson (Oxford), Helena H. Withrow (Truro).

Special Prizes:

WAVERLEY PRIZE (Mathematics).—Maude A. Stevens.

DR. LINDSAY PRIZE (Primary M. D., C. M.).—John Murdoch Stewart, B. A.

NORTH BRITISH SOCIETY BURSARY.—John Park MacQueen.

DALHOUSIE ALUMNAE PRIZE.—Isabel McGillivray Grant.

MARITIME DENTAL SUPPLY CO. PRIZE.—Paul E. Margeson.

GEORGE S. CAMPBELL PRIZE.—Alden West Faulkner.

EXAMINATIONS 1909-1910

FACULTY OF ARTS, SCIENCE AND ENGINEERING

MATRICULATION

BY EXAMINATION.

SENIOR.

Latin—Mary Davidson, Edna Forsyth.*French*—Mary Davidson.*German*—Gerald Grant.*English*—Mary Davidson.*History*—Mary Davidson.*Geometry*—Florence Collier, Mary Davidson, Alberta Umlah.*Algebra*—L. E. Brownell, Mary Davidson, Sarah Dennis, W. Mitchell, Dorothy Munnis, Alberta Umlah.*Trigonometry*—Florence Collier, E. R. Clayton, Mary Davidson, Sarah Dennis, W. Mitchell, H. M. Reynolds.

JUNIOR.

First Class Distinction—Walter M. Billman.*Second Class Distinction*—Mabel E. Magee.*Mackenzie Bursary*—Walter M. Billman.*Latin*—W. M. Billman, G. W. Grant, Mabel Magee, Annie Umlah.*Greek*—W. M. Billman.*French*—W. R. MacGregor, Mabel Magee, H. W. Matheson, J. Messervey, F. H. Palmer, Gladys Sibley, Annie Umlah.*German*—R. McKinnon.*English*—W. M. Billman, J. B. Carson, R. A. Conrad, Gordon Crawford, R. P. Donkin, C. B. Henry, G. L. Keeler, H. D. Kemp, George King, J. E. Knowlton, O. O. Lyons, J. A. Macdonald, R. McKinnon, Mabel Magee, J. Messervey, F. H. Palmer, W. W. Read, L. M. Robinson, Herbert M. Stairs, Hugh M. Stairs, Annie Umlah, A. R. Yeoman.*History*—W. M. Billman, R. B. Carson, G. W. Grant, H. D. Kemp, J. E. Knowlton, Lillian Macdonald, Mabel Magee, A. B. Smith, Annie Umlah, H. H. Withrow.*Geometry*—W. M. Billman, J. B. Carson, J. B. Dickie, G. W. Grant, D. A. Guildford, H. D. Kemp, Mabel Magee, R. A. Major, W. W. Read.*Algebra*—W. M. Billman, E. V. Ackhurst, L. B. Campbell, J. B. Dickie, G. W. Grant, D. A. Guildford, J. M. Lent, O. O. Lyons, R. A. Major, Mabel Magee, W. W. Read, Hugh M. Stairs, Annie Umlah, H. H. Withrow.

BY CERTIFICATE.

SENIOR.

- Latin*—Cox, O. S.; Dickie, J. B.; Freeman, I. C.; Henderson, M. B.; McQueen, J. P.; Magee, M. E.; Smeltzer, H. R.; Sutherland, C. G.; Withrow, H. H.
- Greek*—Withrow, H. H.
- French*—Cooke, N. L.; Dickie, J. B.; Freeman, I. C.; Henderson, M. B.; Henry, J.; Henry, J. E.; Irving, J. D.; McQueen, J. P.; Magee, M. E.; Murray, A. D.; Noonan, W. H.; Smeltzer, H. R.; Surette, G. A.; Withrow, H. H.
- German*—Ashkins, N. T.; Cooke, N. E.; Henry, J.; Henry, J. E.; Murray, A. L.; Noonan, W. H.; Withrow, H. H.
- English*—Ashkins, N. T.; Cooke, N. L.; Cox, O. S.; Freeman, I. C.; Henderson, M. B.; Henry, J.; Henry, J. E.; McCabe, J. M.; McInnes, H. L.; McQueen, J. P.; Magee, M. E.; Murray, A. L.; Noonan, W. H.; Smeltzer, H. R.; Withrow, H. H.
- History*—Ashkins, N. T.; Cox, O. S.; Dickie, J. B.; Henderson, M. B.; Henry, J.; Henry, J. E.; Irving, J. D.; McCabe, J. M.; McQueen, J. P.; Magee, M. E.; Murray, A. L.; Noonan, W. H.; Smeltzer, H. R.; Surette, G. A.; Withrow, H. H.
- Geometry*—Ashkins, N. T.; Carson, R. B.; Cooke, H. L.; Cox, O. S.; Freeman, I. C.; Henderson, M. G.; Henry, J.; Henry, J. E.; Irving, J. D.; McCabe, J. M.; McQueen, J. P.; Murray, A. L.; Noonan, W. H.; Smeltzer, H. R.; Surette, G. A.
- Algebra*—Carson, R. B.; Freeman, I. C.; Henderson, M. B.; Irving, J. D.; McQueen, J. P.; Magee, M. E.; Murray, A. L.; Noonan, W. H.; Smeltzer, H. R.; Surette, G. A.; Withrow, H. H.
- Trigonometry*—Ashkins, N. T.; Carson, R. B.; Cooke, N. L.; Cox, O. S.; Dickie, J. B.; Freeman, I. C.; Henry, J. E.; Irving, J. D.; McInnes, H. L.; McQueen, J. P.; Murray, A. L.; Noonan, W. H.; Smeltzer, H. R.; Surette, G. A.; Sutherland, C. G.; Withrow, H. H.
- Botany*—Cox, O. S.; Henry, J.; Henry, J. E.; McCabe, J. M.; Murray, A. L.; Smeltzer, H. R.; Withrow, H. H.
- Chemistry*—Cooke, N. L.; Henderson, M. B.; Smeltzer, H. R.

JUNIOR.

- Latin*—Allen, K.; Chisholm, G.; Clayton, Louise; Clemen, R. A.; Freeman, I. C.; Guildford, D. A.; Irvine, W. S.; Logan, H. M.; McInnes, H. L.; MacKay, N. E.; Nelson, W. M.; Sibley, G. M.; Smith, H. A.; Stairs, H. M.; Umlah, A. L. B.
- Greek*—Guildford, D. A.; MacKay, N. E.; Nelson, W. M.
- French*—Allen, K.; Campbell, L. D.; Carson, J. B.; Carson, R. B.; Clemen, R. A.; Freeman, I. C.; Irvine, W. S.; McArthur, J. W.; MacIntosh, M. E.; MacRae, V.; Meech, L. R.; O'Brien, G. E.; Read, W. W.; Stairs, H. M.; Sutherland, C. G.; Swanson, J. K.; Umlah, A. L. B.; Yeoman, A. R.
- German*—McIntosh, M. E.

English—Allen, K.; Amos, R. M.; Blackett, A. E.; Campbell, A. G.; Campbell, L. B.; Carson, R. B.; Clayton, M. L.; Clemen, R. A.; Crowe, C. A.; Cunningham, G. A.; Curry, M. M.; Davidson, V. D.; Dickie, J. B.; Freeman, I. C.; Grant, W. A.; Guildford, D. A.; Hawkins, C. R.; Irvine, W. S.; Lent, J. M.; Logan, H. M.; McArthur, J. W.; McAulay, E. K.; Macdonald, P.; McInnes, H. L.; McIntosh, M. E.; MacKay, J. F.; MacKay, N. E.; McKillop, A. G.; MacMahon, H. K.; MacRae, V.; Meech, L. R.; Milne, E. H.; Nelson, W. M.; Nicoll, M. W.; O'Brien, G. E.; Owen, D. O.; Salter, V. C.; Sibley, G. M.; Smith, C. G.; Smith, H. A.; Stairs, H. M.; Surette, G. A.; Sutherland, C. G.; Swanson, J. K.; Thompson, G. H.; Umlah, A. L. B.

History—Allen, K.; Amos, R. M.; Blackett, A. E.; Campbell, A. B.; Campbell, L. B.; Carson, J. B.; Clemen, R. A.; Conrad, R. A.; Cooke, N. L.; Crowe, C. A.; Cunningham, G. W.; Curry, M. M.; Davidson, V. D.; Freeman, I. C.; Gillis, J. D.; Grant, W. A.; Gray, S. V.; Guildford, D. A.; Hawkins, C. R.; Heffler, J. A.; Irvine, W. S.; Lent, J. M.; Logan, H. M.; McArthur, J. W.; McAulay, E. K.; Macdonald, P.; McInnes, H. L.; McIntosh, M. E.; MacKay, J. F.; MacKay, N. E.; McKillop, A. B.; MacMahon, H. K.; MacRae, V.; Meech, L. R.; Milne, E. H.; Nelson, W. N.; Nicoll, M. W.; O'Brien, G. E.; Owen, D. O.; Read, W. W.; Salter, B. C.; Sibley, G. M.; Smith, C. G.; Smith, H. A.; Smith, L. K.; Stairs, H. M.; Sutherland, C. G.; Swanson, J. K.; Thompson, G. H.; Yeoman, A. R.

Geometry—Allen, K.; Amos, R. M.; Blackett, A. E.; Campbell, A. B.; Campbell, L. B.; Chisholm, G.; Clayton, M. L.; Clemen, R. A.; Conrad, R. A.; Crowe, C. A.; Cunningham, G. A.; Currie, M. M.; Davidson, V. D.; Dickie, J. B.; Freeman, I. C.; Gillis, J. D.; Grant, W. A.; Gray, S. W.; Guildford, D. A.; Hawkins, C. K.; Heffler, F. A.; Henry, J.; Lent, J. M.; Logan, H. M.; McArthur, J. W.; McAulay, E. K.; Macdonald, P.; McInnes, H. L.; McIntosh, W. E.; MacKay, J. F.; MacKay, N. E.; McKillop, A. B.; MacMahon, H. K.; Meech, L. R.; Milne, E. H.; Nelson, W. M.; Nicoll, M. W.; O'Brien, G. E.; Owen, D. A.; Read, W. W.; Salter, B. C.; Sibley, G. M.; Smith, C. G.; Smith, H. A.; Smith, L. K.; Stairs, H. M.; Sutherland, C. G.; Swanson, J. K.; Thompson, G. H.; Yeoman, A. R.

Algebra—Allen, K.; Amos, R. M.; Ashkins, N. T.; Blackett, A. E.; Carson, J. B.; Chisholm, G.; Clayton, M. L.; Clemen, R. A.; Conrad, R. A.; Cooke, N. L.; Cox, O. S.; Crowe, C. A.; Cunningham, G. A.; Currie, M. M.; Davidson, V. D.; Freeman, I. C.; Gillis, J. D.; Grant, W. A.; Hawkins, C. R.; Henry, J. E.; Logan, H. M.; McArthur, J. W.; Macdonald, P.; McIntosh, M. E.; MacKay, J. F.; MacKay, N. E.; McKillop, A. B.; MacMahon, H. K.; Meech, L. R.; Nelson, W. N.; Nicoll, M. W.; O'Brien, G. E.; Owen, D. O.; Salter, B. C.; Sibley, G. M.; Smith, C. G.; Smith, H. A.; Smith, L. K.; Swanson, J. K.; Thompson, G. H.

Practical Mathematics or Trigonometry—Carson, J. B.; Conrad, R. A.; Cunningham, G. A.; Gray, S. W.; Lent, J. M.; McArthur, J. W.; Owen, D. O.

Mechanical Drawing—Carson, R. B.; Cunningham, G. A.

SUPPLEMENTARY EXAMINATIONS

LATIN 1.—Josephine MacDonald (April Exam.), Annie Rettie, Lillias Colquhoun.

LATIN 2.—A. R. Campbell, W. R. Dickie (Dec. Exam.), Martha E. Dewis, Gladys M. Marsters.

LATIN 3.—Kathleen MacAloney, Katie M. Whitman.

GREEK 1.—Kenneth Leslie.

GREEK 2.—D. W. McDonald (Dec. Exam.), A. T. MacKay.

FRENCH 1.—H. W. L. Doane, C. L. Gass, Kathleen MacAloney, R. A. Major.

FRENCH 5.—A. R. Campbell, A. T. MacKay.

GERMAN ELEMENTARY—H. M. Reynolds.

GERMAN 1.—D. J. Matheson.

ENGLISH 1.—A. K. Herman, R. MacKinnon, D. A. MacMillan, D. J. Nicholson, G. F. Simpson.

ENGLISH 2.—H. P. Bell, Helen R. Crichton, C. L. Gass, A. M. James, A. T. MacKay, John C. McLennan, W. J. Perry, A. A. Weatherbee.

ENGLISH 4.—G. K. Butler, J. R. Cornelius, C. S. Ferguson, M. Nicholson, A. Sutherland.

HISTORY 1.—W. R. Dickie, Dorothy Gorham, A. Herman, G. E. Herman, F. R. Little, Mary E. Smith, A. Sutherland, G. B. Wiswell.

ECONOMY 1.—P. R. Flemming, Dorothy Gorham, F. R. Little, G. B. Wiswell.

PHILOSOPHY 1.—A. T. MacKay, Margaret Ross (Psych.), G. B. Wiswell.

MATHEMATICS 1 A.—Edith Blackie, H. W. Doane, A. MacLeod, N. C. MacRae.

MATHEMATICS 1 B.—Annie Dickie, D. R. Fraser, Lillian McKittrick, A. MacLeod, N. C. MacRae, Fanny Toomey.

ALGEBRA.—Marguerite Silver, G. F. Simson, L. M. Thompson.

MATHEMATICS 3.—J. L. Cavanagh, R. McColough, D. J. Matheson, L. A. Mylius, H. M. Reynolds.

PHYSICS 1.—T. M. DeBlois.

PHYSICS 2 B.—C. L. Dimock, N. W. MacKay.

PHYSICS 6.—N. W. MacKay, A. McLeod.

CHEMISTRY 1.—A. K. Herman, K. Leslie.

CHEMISTRY 1 A.—J. G. Cutler, F. R. Little, A. G. McAulay, J. W. Morrison.

CHEMISTRY 4.—J. F. Cahan, E. L. Thorne.

GEOLOGY 1.—J. F. Cahan.

GEOLOGY 2.—Kathleen MacAloney, A. T. MacDonald.

DRAWING 2.—W. Mitchell, W. Putnam.

SURVEYING 1.—C. S. Creighton.

MECHANICS.—J. F. Cahan, E. L. Thorne.

HYDRAULICS 1.—J. F. Cahan, C. L. Dimock.

HYDRAULICS 2.—J. F. Cahan.

DEGREE EXAMINATIONS

CLASS LISTS

Names in "Class I" and "Class II" are in Alphabetical Order. Names under Heading "Passed" are in Order of Merit. The Asterisk indicates a High First Class.

ELEMENTARY LATIN.—*Class II.*—Grant, W. A. *Passed*—Blackett, A. E.; Salter, B. C.; Campbell, A. B.; Irving, W. S.; Smith, C. G.; Amos, Rena Maud; (Meech, L. R.; Milne, E. H.); Henry, C. B.; (Davidson, V. D.; Yeoman, A. R.); (Campbell, L. B.; Hawkins, C. R.); Ferguson, M.; Kemp, H. D.; Read, W. W.; McLennan, K. J.; (Currie, M. Maude; Heffler, F. A.); (McAulay, E. K.; MacKay, J. F.)

LATIN 1.—*Class I.*—*Billman, W. M.; Clayton, M. L.; Nelson, W. M.; *Yeoman, R. F. *Class II.*—MacKay, N. E. *Passed*—Murray, Annie L.; Smith, E. S.; Stevens, Maude A.; Smith, H. A.; Holder, Ella G.; (Blackie, Edith; Sutherland, C. G.; Toomey, Fanny H.); Grant, G. W.; Clemen, R. A.; McDonald, J. A.; Allen, Kathleen; (McIntosh, Mabel; Nicoll, Margaret; Umlah, Annie L. B.); (Lawrence, Lily; Sibley, Gladys M.); Guildford, D.; Dickie, J. B.; Swanson, J. K.; Parker, E. T.; (Chisholm, Edith A.; Henry, Jessie E.); Lantz, Norah G.

LATIN 2.—*Class I.*—Davidson, Mary I.; MacQueen, J. P. *Class II.*—Day, R. E.; Faulkner, Georgene L.; Fulton, L. McL.; Magee, Mabel. *Passed*—(Collier, Florence; Jones, H. W.); Dennis, Sara M.; Henderson, Marion B.; Fraser, D. R.; Doull, J. A.; McKittrick, M. Lillian; Mumford, Beatrice E.; (Ackhurst, E. V.; Smeltzer, H. R.); (Leslie, K.; Smith, Gladys U.); Boak, C. Fillis; (Munnis, Dorothy K.; Stairs, J. C.).

LATIN 4.—*Class I.*—*Fraser, A. D.; Grant, Isabel M.; Livingstone, G. C.; Silver, Marguerite H. L.; *Smith, M. Lenore. *Class II.*—MacLellan, Margaret E.; Neish, R. A.; Outhit, Marion C. *Passed*—Marsters, Gladys M.; Fraser, E. J. O.; Wier, Elsie M.; (Cutler, Nora F.; Dewis, Martha E.); Hall, T. R.; Hibbert, T. M.; (Vair, J. D.; Rudin, H. A.); McDonald, A. D.; McDonald, J. C.; Armitage, Helen D. A.; Murray, C. D. R.; Baker, Grace J.; Raynor, Laura M.; MacKay, A. T.; Gunn, Helen C.; Munro, Mossie M.; (Jones, O. B.; Wiswell, G. B.); Gorham, Dorothy C.; Smith, Mary E.; Sylvester, G. M.; Roper, J. S.; Stewart, Florence M.; Mack, F. G.; Ross, Margaret I.; Blcis, H. M.; Mavor, J. S.

GREEK (ELEMENTARY)—*Class II.*—Smith, H. A. *Passed*—Milne, E. H.; Salter, B. C.; King, G. K.; Irvine, W. S.; Davidson, V. D.; MacDonald, P.; Yeoman, A. R.; Smith, C. G.; (Ferguson, M.; Irving, W. S.).

GREEK I.—*Class I.*—Billman, W. M.; MacKay, N. E. *Passed*—Smith, E. S.; Nelson, W. M.; Archibald, L. P.; Guildford, D.; MacLeod, W. J.; (McLean, W. B.; Mackay, W. K.).

GREEK 2.—*Class II.*—Jones, H. W. *Passed*—Fulton, L. M.; Mumford, Beatrice; Fraser, D. R.; Earle, C. A. M.; Milligan, F. M.; Leslie, K.

GREEK 4.—*Class I.*—*Fraser, A. D. *Class II.*—Harvey, D. C. *Passed*—Neish, R. A.; Wier, Elsie M.; Vair, J. D.; Fraser, E. J. O.; Armitage, Helen D.

ELEMENTARY FRENCH.—*Class II.*—Clayton, M. Louise. *Passed*—Grant, William A.; Smeltzer, Harold R.; Henry, Charles B.; Macdonald, M. Lillian; Nicoll, Margaret W.; MacMahon, H. Keith,

FRENCH 1.—*Class I.*—Allen, Kathleen E.; Blackie, Edith M. *Class II.*—Dickie, J. Barrie; Stevens, Maude A.; Umlah, Annie L. B. *Passed*—McIntosh, Mabel I.; Ackhurst, Ernest V.; Irving, Margaret; Rettie, Annie I.; (Lawrence, Lily F.; Lewis, George M.); (Campbell, Laurence B.; Carson, Ralph B.; Macdonald, John A.); O'Brien, George E.; MacIntosh, Donald S.; (Chisholm, Edith A.; Sutherland, Colin G.); (Amos, Rena Maud; Little, Ferguson R.); (Bligh, Harriet A.; Swanson, John K.; Yeoman, Robert F.).

FRENCH 2.—*Class I.*—Collier, Florence; Henderson, Marion; *Hibbert, Thomas M.; Lantz, Norah; Stairs, John C. *Class II.*—Baker, Grace; Davidson, Mary I.; Day, Earle; Faulkner, Georgene; Jones, Hervey W.; MacQueen, John P. *Passed*—Grant, Isabel M.; Toomey, Fanny; McKittrick, Lillian; Umlah, L. Alberta; Murray, Annie S.; Grant, Gerald W.; (Dennis, Sara; Withrow, Helen H.); (Magee, Mabel A.; Marsters, Gladys M.); McGregor, Murdoch R.; (Boak, Charlotte F.; Dickie, Annie K.); (Blois, Harry M.; Freeman, I. Clare; Marsters, Charles G.; Munnis, Dorothy).

SCIENTIFIC FRENCH—*Passed*—Carson, Ralph B.; Gray, Samuel W.; MacArthur, James.

FRENCH 6.—*Class I.*—Outhit, Marion C. *Class II.*—Munro, Mossie M.; Smith, Lenore. *Passed*—Gorham, Dorothy G.; Wiswell, Gordon B.; Holder, Ella; Ross, Margaret; (MacKay, Georgine; Smith, Gladys U.); Raynor, Laura.

ELEMENTARY GERMAN—*Passed*—Collier, Florence; Clemen, Rudolf; Trefry, Edith C.; Blackett, Arthur E.

GERMAN 1.—*Class I.*—Grant, Francis H.; *Class II.*—Holder, Ella. *Passed*—Townsend, William T.; Toomey, Fanny; (Faulkner, Georgene; Ross, William C.); (Hiseler, Frank E.; Paterson, Malcolm A.).

GERMAN 2.—*Class I.*—Cutler, Norah F.; Grant, Gerald W. *Class II.*—Blackie, Edith M.; Gunn, Helen C.; McKenzie, Annie. *Passed*—Munro, Mossie M.; Smith, Mary E.; Bell, Hugh P.; (MacGregor, Jean; O'Brien, Nora E.).

ENGLISH 1.—*Class I.*—*Billman, W. M.; Clemen, R. A.; Smith, H. A.; Yeoman, A. R. *Class II.*—Allen, Kathleen E.; Currie, Mary M.; McIntosh, Mabel I.; Salter, B. C.; Sibley, Gladys M.; Swanson, J. K.; Umlah, Annie L. B. *Passed*—Nelson, W. M.; (Grant, W. A.; Yeoman, R. F.) Mackay, N. E.; (Amos, Rena M.; Campbell, A. B.); Lent, J. M.; Blackett, A. E.; Cockburn, Kathleen; Irvine, W. S.; (Ackhurst, E. V.; Crowe, Clara A.); Whitman, Inez L.; (Hawkins, C. B.; Logan, H. M.); (Lewis, C. M.; Smith, C. G.; Sutherland, C. G.); (Campbell, L. B.;

Clayton, Mary;) MacMahon, H. K.; (Gray, S. W.; Thompson, G. H.; O'Brien, G. E.); Guildford, D. A.; Milne, E. H.; (Ferguson, M.; Heffler, T. A.; Mitchell, E. F.; Crawford, H. G.); (Kemp, H. D.; McKinnon, A. H.; Stairs, H. M.).

ENGLISH 2.—*Class I.*—Henderson, M.; MacQueen, J. P.; Murray, Annie; Stevens, Maude. *Class II.*—Archibald, L. P.; Bligh, Harriet A.; Chisholm, Edith; Collier, Florence; Day, R. E.; Davidson, Mary I.; Faulkner, Georgene; Forsyth, Edna; Lantz, Nora G.; MacIntosh, D. S.; McKittrick, Mary L.; Magee, Mabel E.; Smith, E. S. *Passed*—Matheson, H. W.; (Jones, H. W.; Smeltzer, H. R.); Macdonald, J. A.; (Dennis, Sara M.; Fulton, L. M.; Mumford, Beatrice; Stairs, J. C.); (Irving, Margaret; Munnis, Dorothy); Cooke, N. L.; Holder, Ella G.; (Blackie, Edith May; Doane, H. W. L.); (Lawrence, Lily F.; Withrow, Helena H.); (Boak, Charlotte F.; Fraser, D. R.; Leslie, K.); (Freeman, Ida Clare; Murchison, J. K.); Henry, Jessie E.; (Hiseler, Frank E.; Mackay, W. K.); (Colquhoun, Lillias; Henry, Jean; McCurdy, L. B.; Rettie, Annie I.); (MacGregor, M. R.; Mitchell, W.); (Garrett, H. L.; Nicoll, Margaret; Toomey, Fanny H.); (Dickie, Annie; Grant, G. W.; MacKean, D. R.; MacLeod, W. F.); (Creighton, C. S.; Macdonald, M. L.; Major, R.; Morrison, J. W.; Nicholson, D. J.)

ENGLISH 5.—*Class I.*—Smith, M. Lenore. *Class II.* (without thesis)—Harvey, D. C.; Hibbert, T. M.; Umlah, L. A. B.

Passed.—Mackenzie, A. A.; MacDonald, J. C.; MacIntosh, J. P.; Sylvester, G. M.; Hall, T. R.; Milligan, F. M.; Smith, Olive W.; (Crowe, J. C.; Marsters, G. M.; Murray, C. D. R.; Roper, J. S.; Whitman, K. M.); (Mackay, G.; Townsend, W. T.); (Mackenzie, Annie S.; Ross, Margaret I.; Smith, Mary E.; Vair, J. D.); (Dewis, Martha E.; Irwin, Margaret J.; Livingstone, G. C.); (Creighton, T. M.; McLellan, Margaret; Neish, R. A.; Outhit, Marion C.); MacGregor, J. E.; (Jones, O. B.; Raynor, Laura M.); (Grant, Frances H.; Smith, G. U.); (Chisholm, Edith; Gunn, Helen C.; Ross, A.); (Earle, C. A. M.; Gorham, Dorothy; Mack, F. C.); (Doull, J. A.; Duffy, L. L.); (Armitage, H. D. A.; Brownell, Pearle; Gass, C. L.; Wier, Elsie M.); MacAloney, Kathleen; (MacDonald, A. D.; Ross, W. A.); (Archibald, A. A.; Ross, W. C.); Fraser, E. J. O.; Parker, E. J.; (Bell, H. P.; Herman, A. K.)

ENGLISH 6.—*Passed*—Hibbert, T. M.; Crowe, J. C.; Stewart, Florence M.

HISTORY 1.—*Class I.*—*Grant, I. M.; Baker, G. J.; Bligh, H. A. *Class II.*—Fraser, E. J.; MacIntosh, D. S.; Outhit, M. C.; Silver, M.; Smith, E. S. *Passed*—Armitage, H. D.; Gunn, H. C.; Neish, R. A.; Raynor, L.; Matheson, D. J.; Jones, O. B.; Cutler, N. F.; Umlah, Alberta; Wier, E. M.; Earle, C. A. M.; McKay, W. K.; McKinnon, J.; Roper, J. S.; Chisholm, E. A.; McDonald, J. C.; Gass, C. L.; Holder, E. G.; McDonald, J. A.; McDonald, A. D.; Murchison, J. K.; Lawrence, L. F.; Umlah, A. L.; McCabe, J. M. S.; Sylvester, G. M.; Campbell, A. B.; Murray, C. D. R.; Henry, J. E.; Nicholson, D. J.; Irvine, W. S.; King, G. K.; McKinnon, A. H.; Stairs, H. M.; Leslie, E.; Blackie, E. M.; Henry, J.; Milne, E. H.; McMillan, D. A.; Thompson, L. M.; MacAloney, K. J.; O'Brien, N.; Flemming, P.; Irving, W. S.; McDonald, M. L.; Murray, A. L.

HISTORY 2.—*Class I.*—MacKay, G. M.; McKenzie, A. S. *Class II.*—Dennis, S. M.; Hall, T. R.; Henderson, M. B.; McLellan, M. E.; Salter, B. C. *Passed*—MacMahon, H. K.; McQueen, J. P.; Mavor, J. S.; Sylvester, G. M.; Roper, J. S.; MacKay, A. T.; MacKenzie, A. A.; Milligan, F. M.; Brownell, Pearle; Earle, C. A. M.; Vair, J. D.; Creighton, T. M.; Smith, Gladys; Whitman, K. M.; Rudin, H. A.; Parker, E. T.; Lantz, N.; Smith, O. W.; Ross, W. A.; Forbes, E. M.; Jones, O. B.; King, G. K.; Ross, M. I.; Crowe, C. A.; Herman, G. K.; Gorham, D.; Irwin, M. J.; Herman, A. K.; Wiswell, G. B.

ADVANCED POLITICAL ECONOMY.—*Class I.*—Munro, M. M. *Class II.*—Cutler, Nora F.; MacKay, G. M.; Rudin, H. A. *Passed*—Whitman, K. M.; Raynor, L. M.; Wiswell, G. B.; Roper, J. S.; Thompson, L. M.; Umah, Alberta; MacAloney, K. J.; Herman, A. K.; Forbes, E. M.; Jones, O. B.

POLITICAL ECONOMY.—*Class I.*—*MacLeod, J. D.; Dewis, M. E.; McKenzie, A. S. *Class II.*—Baker, G. J. *Passed*—Titus, R. L.; MacKay, A. T.; McLellan, M. E.; Archibald, A. A.; McCabe, J. M. S.; Smith, G. U.; Blois, H. M.; Parker, E. T.; Grant, F. H.; Smith, E. S.; Chisholm, E. A.; McLean, W. B.; Ross, W. C.; Leslie, E.; McLeod, W. J.; Irvin, M. J.; Smith, M. E.; Ross, W. A.; Dickie, W. R.; McKenzie, C. E.; McLennan, K. J.; Clayton, E. R.; McGregor, J. E.

PHILOSOPHY 1.—*Class I.*—Jones, H. W.; Stairs, J. C. *Class II.*—Day, R. E.; MacIntosh, D. S.; MacQueen, J. P. *Passed*—Vair, J. D.; Sylvester, H. R.; Macleod, W. J.; (Archibald, L. P.; Smeltzer, H. R.); Aekhurst, E. V.; Collier, Florence; Fulton, L. M.; Currie, M.; Doull, J. F.; McKittrick, Lillian; (Forsyth, E. I.; Fraser, D. R.); Henderson, Marion B.; (Dickie, Annie K.; Irving, Margaret); Dennis, Sara; McCable, J. M. S.; MacLean, A. B.; (Blois, A. B.; Freeman, I. C.; Mackay, W. K.; Rettie, Annie.)

PHILOSOPHY 5.—*Class I.*—Harvey, D. C.; Stewart, J. M. *Pass*—Dickie, W. R.; (Hall, T. R.; Mack, F. S.); Smith, M. Lenore; Ross, A.; Archibald, A.; Smith, Olive; Irwin, Margaret; Gorham, Dorothy.

PHILOSOPHY 6.—*Class I.*—Baker, Grace J.; Harvey, D. C.; Smith, M. Lenore; Stewart, J. M. *Class II.*—MacIntosh, J. P.; Townsend, W. T. *Passed*—Duffy, L.; Hall, T. R.; (Gunn, Helen; Mackay, Georgina); MacKenzie, A.; (Fraser, A. D.; Hibbert, T. M.); (Jones, O. B.; Mack, F. G.); (Grant, F.; MacDonald, A. D.); Thompson, L.; (MacDonald, J. C.; Milligan, F.); Smith, M.; (Archibald, A.; Dewis, M. E.); (Earle, C.; Whidden, W. A.); (MacDonald, A. I.; MacAloney, Kathleen; Wier, E. M.); Smith, Olive; Marsters, G. M.; Umlah, L. A. B.

NEW TESTAMENT GREEK.—*Passed*—Kemp, H. F.; Earle, C. A. M.; MacIntosh, J. P.; (Whidden, W. A.; McLennan, J. C.); Fraser, James.

HEBREW.—*Passed*—Kemp, H. F.; MacIntosh, J. P.; Whidden, W. A.; Fraser, James; McLennan, J. C.; MacKay, J. F.

DEPARTMENT OF EDUCATION.—*Class I.*—Marsters, Gladys May. *Class II.*—Bligh, Harriet A.; Forsyth, Edna I.; Livingstone,

Grover; MacKay, Georgina; MacKenzie, Annie; MacIntosh, John P.; MacLeod, James D.; Silver, Marguerite, H. L. *Passed*—Hall, Thomas Roy; McLellan, Margaret E.; (Wier, Elsie M.; MacGregor, Jean E.; Gunn, Helen C.); Dewis, Martha E.; (Gass, Charles L.; Munroe, Mossie M.); (Armitage, Helen D.; Fraser, A. D.; Macdonald, Alexander; Rudin, Henry A.); (Crowe, J. C.; Lawrence, Lily Frances; Raynor, Laura M.); (Doull, James A.; MacDonald, Mary Lillian); (Dickie, Walter R.; MacLean, Margaret); Sylvester, George M.; (MacDonald, Angus D.; Macdonald, James C.); Smith, Mary E.; Herman, George E.; Forbes, Evan M.

MATHEMATICS 1.—*Class I.*—Billman, W. M.; Clayton, M. Louise, *Class II.*—Thompson, G. H. *Passed*—Mackay, N. E.; Amos, Rena; Salter, B. C.; Nelson, W.; Smith, C. G.; MacMahon, H. K.; Sutherland, C. G.; Smith, L. K.; Carson, J. B.; Grant, W. A.; Hiseler, F. E.; MacIntosh, Mabel; Hawkins, C. R.; O'Brien, G. E.; Smith, H. A.; Swanson, J.; Vair, J. D.; Brown, G. M.; Clemen, R. A.; Dickie, B.; Lewis, G. M.; McArthur, J. W.; Yeoman, A. R.

MATHEMATICS 3.—*Class I.*—*Grant, Isabel; Johnston, J. H. L.; Stairs, J. C.; Stevens, Maude. *Class II.*—Day, R. E.; MacIntosh, D. S.; MacLeod, J. D. *Passed*—Noonan, W. H.; Davidson, Mary; Magee, Mabel; Simson, G. F.; Garrett, H. L.; Keeler, G. L.; Surette, G. A.; McKean, D. R.; Murchison, J. K.; Fulton, L. M.; McCurdy, L. B.; Palmer, F. H.; McLeod, A.; Cox, O. S.; Nicholson, D. J.; Chapman, E. W. G.

MATHEMATICS 4.—*Class I.*—*Grant, Isabel; Stevens, Maude. *Class II.*—Johnstone, J. H. L.; Smeltzer, H. R.; Stairs, J. C. *Passed*—Murchison, J. K.; Chapman, E. W. G.; Nicholson, D. J.; McKean, D. R.; Simson, G. F.

MATHEMATICS 7 AND 8.—*Class I.*—Weatherbee, J. A.

MECHANICS.—*Class II.*—MacQueen, J. P.; Smeltzer, H. R.; Stevens, Maude A. *Passed*—Murray, Annie L.; Irving, J. D.; Carson, R. B.; (Doane, H. W. L.; MacIntosh, D. S.); Thompson, G. H.; Noonan, W. H.; (Macdonald, J. A.; Surette, G. A.); Cox, O. S.; Carson, J. B.; Nicholson, D. J.; Hiseler, F. E.; (Brown, G. M.; Hawkins, C. R.; MacAloney, Kathleen I.; Smith, A. B.).

PHYSICS 1.—*Class I.*—Fraser, E. J. O. *Passed*—Harvey, D. C.; Keeler, G. L.; McCurdy, L. B.; Mitchell, W., jr.; (Cooke, N. L.; Doane, H. W. L.; Messervey, J.); Smith, A. B.; (James, A. M.; McKean, D. R.; Simson, G. F.); (Dickie, W. R.; McKinnon, R.; MacRae, N. C.; Palmer, F. H.); Garrett, H. L.; (Creighton, C. S.; Major, R. A.; Morrison, J. W.).

PHYSICS 2.—*Class I.*—*Davis, H. S.; *Johnstone, J. H. L.; Matheson, H. W. *Passed*—Campbell, A. R.; Weatherbee, J. A. T.; Reynolds, H. M.

PHYSICS 3.—*Passed*—Campbell, A. R.

PHYSICS 5 (of 1908-9)—*Class I.*—Davis, H. S.; Matheson, H. W. *Class II.*—Campbell, A. R.

PHYSICS 5 (of 1909-10)—*Class I.*—Matheson, H. W.; *Class II.*—Stapleton, W. C. *Passed*—Campbell, A. R.

PHYSICS 6.—*Class I.*—Doane, H. W. L.; McKenzie, Annie S.
Class II.—Bell, H. P.; Messervey, J.; O'Brien, Nora E.; Thompson, G. H. *Passed*—Palmer, F. H.; (Mitchell, W. jr.; Smith, A. B.); (Garrett, H. L.; MacKean, D. R.; Weatherbee, J. A. T.); McCurdy, L. B.; McKinnon, R.; James, A. M.

PHYSICS 8.—*Class I.*—Johnstone, J. H. L.; Reynolds, H. M.
Class II.—Davis, H. S.; Stapleton, W. C.

CHEMISTRY 1.—*Class II.*—Hibbert, T. M. *Passed*—Clayton, Mary Louise; (Billman, W. M.; Macdonald, J. A.); McCabe, J. M. S.; (Amos, Rena Maud; MacLellan, Margaret); Fraser, E. J. O.; (MacQueen, J. P.; Murray, Annie L.; Parker, E. T.); (Mackay, A. T.; Smith, Olive); (Clayton, E. R.; Salter, B. C.); (Forsyth, Edna; Lantz, Nora; McIntosh, Mabel S.; Sutherland, C. G.); MacKenzie, A. A.; (Archibald, L. P.; King, G. K.; Toomey, Fanny); Dickie, J. B.; (Guildford, D.; Lawrence, Lily); O'Brien, G. E.; (Ackhurst, E. V.; Campbell, L. B.; Crowe, Clara; McInnes, H. L.; Smith, C. G.)

CHEMISTRY 1 A.—*Class I.*—Davidson, Mary I.; Grant, W. A.; Irving, J. D.; Mackay, N. E. *Class II.*—Blackett, A. E.; Carson, R. B.; Cox, O. S.; Magee, Mabel; Nelson, W. M.; Noonan, W. H.; Smith, H. A. *Passed*—MacGregor, M. R.; (Brown, G. M.; Hawkins, C. R.); (Campbell, A. B.; Chambers, S. W.); Gray, S. W.; Ashkins, N. T. *Passed (Special Paper)*—Thompson, G. H.; MacIntosh, D. S.

CHEMISTRY 2.—*Class I.*—Johnstone, J. H. L.; Macleod, J. D.
Class II.—Keeler, G. L. *Passed*—Bell, H. P.

CHEMISTRY 4.—*Class II.*—Messervey, J. *Passed*—Morrison, J. W.; MacKinnon, R.; MacKean, D. R.; Simson, G. F.

CHEMISTRY 5.—*Class II.*—Davis, H. S.; Matheson, H. W. *Passed*—Campbell, A. R.

CHEMISTRY 6.—(*Physical Chemistry*)—*Class I.*—Davis, H. S.; *Matheson, H. W. *Passed*—Campbell, A. R.

CHEMISTRY 8 (*Organic Laboratory*)—*Class I.*—Davis, H. S.; Matheson, H. W. *Passed*—Campbell, A. R.

GEOLOGY 1.—*Class I.*—Baker, Grace J.; Irving, Margaret P.; *Class II.*—Forsyth, Edna J. *Passed*—McKittrick, M. Lillian; Smith, E. S.; MacKay, A. T.; McCabe, John M. S.; Leslie, Eric; Murray, C. D. R.; Ross, William C.; Smith, Olive W.; Bligh, H. Alice; MacGregor, M. R.; McMillan, D. A.; Munnis, Dorothy; Jones, H. W.; Mackay, W. K.; Macdonald, M. Lillian; McLean, W. B.; Blois, Harry M.; Ross, W. A.; Dickie, Annie K.; Dennis, Sara; Fraser, David R.; Fulton, L. M.; Roper, John S.; Leslie, Kenneth; Thompson, L. M.; Smith, Gladys U.; Mumford, Beatrice; O'Brien, Nora; McLean, Margaret; Rettie, Annie J.

GEOLOGY 2.—*Class I.*—Johnstone, J. H. L. *Class II.*—Cooke, N. L.; Cox, O. S.; Morrison, J. W.; Noonan, W. H.; Palmer, Fred. *Passed*—McCurdy, L. B.; Messervey, John; Chapman, E. W. G.; McLeod, Angus; Major, R. A.; Bell, Hugh P.; MacRae, N. C.; Mitchell, W.; MacKenzie, C. E.; McKinnon, Ranald; Creighton, C. S.; MacKean, D. R.

MINERALOGY—*Class II.*—Messervey, John; Morrison, J. W. *Passed*—O'Brien, Nora.

BIOLOGY.—*Class I.*—*Silver, M. H. L. *Passed*—Sylvester, G. M.; Gass, C. L.; Grant, G. W.; (Herman, A. K.; Marsters, C. G.); Doull, James; McAulay, Eben; Wiswell, Gordon; McKillop, A. B.; Ross, Albert; Herman, George; Meech, Lloyd; Knowlton, James; Flemming, P. R.; McRae, David V.

CONSTITUTIONAL LAW.—*Class II.*—Blois, H. M.; Duffy, L. L.; Gass, C. L.; Ross, A.; Thompson, L. M.

CONSTITUTIONAL HISTORY.—*Class I.*—Cutler, Nora; Silver, M. H. L. *Class II.*—McKay, A. T.; McKenzie, A. A.; Nelson, W. A.; Smith, Olive W.; Whitman, Katherine. *Passed*—Jones, Owen B.; Wiswell, G. B.; Ross, William A.; Gorham, Dorothy; King, Geo. K.; Murray, C. D. R.; Irwin, Margaret J.

CONTRACTS.—*Class I.*—McKenzie, A. A. *Passed*—Forbes, Evan M.; Duffy, L. L.

MATHEMATICS 2.—*Class II.*—Carson, J. P.; Smith, L. K.; Thompson, G. H. *Passed*—Gray, S. W.; Hiseler, F. E.; Doane, H. W. L.; McArthur, J. W.; Brown, G. M.

DRAWING 1.—*Class I.*—Thompson, G. H. *Class II.*—Carson, J. B.; Cox, O. S.; McArthur, J. W.; Smith, L. K. *Passed*—Irving, J. D.; Tozer, F. J.; Forbes, J. E.; Noonan, W. H.; Lent, J. M.; Ashkins, N. T.; Cunningham, G. A.; Gray, S. W.; Owen, D. O'B.; Carson, R. B.; Cooke, N. L.

DRAWING 2.—*Class I.*—*Carson, R. B.; Irving, J. D.; Thompson, G. H. *Class II.*—Carson, J. B.; McArthur, J. W. *Passed*—McCurdy, L. B.; Cox, O. S.; Noonan, W. H.; Garrett, H. L.; McKinnon, R.; Doane, H. W. L.; Surette, G. A.; Smith, L. K.; Tozer, F. J.; McLeod, A.; Palmer, F. H.

DRAWING 3.—*Class II.*—Garrett, H. L.; Reynolds, H. M. *Passed*—Messervey, J.; Hiseler, F. E.; Smith, A. B.; Morrison, J. W.; Simson, G. F.

SURVEYING.—*Class I.*—Irving, J. D. *Class II.*—Carson, R. B.; Cox, O. S.; Doane, H. W. L.; Johnstone, J. H. L.; Messervey, J.; Morrison, J. W. *Passed*—Noonan, W. H.; McKinnon, R.; Reynolds, H. M.; Cooke, N. L.; McKean, D. R.; Smith, A. B.; Garrett, H. L.; Surette, G. A.; Cavanagh, J. L.; Mylius, L. A.

KELTIC HISTORY.—*Passed*—Macdonald, A. D.; MacLenman, J. C.; MacMillan, D. A.; Ferguson, Malcolm; MacKay, William K.; Murchison, J. K.; MacLeod, M. D.; MacKenzie, D. C.

GALIC.—*Passed*—Macdonald, A. D.; Murchison, J. K.; MacLenman, J. C.; MacKay, William K.; Ferguson, Malcolm; MacLeod, M. D.; MacKenzie, D. C.; MacMillan, D. A.

HISTOLOGY.—*Passed*—Mack, F. G.

PHYSIOLOGY.—*Passed*—Mack, F. G.

FACULTY OF LAW

DEGREE EXAMINATIONS

CLASS LISTS

Names in *Classes I* and *II* in order of merit.

Names in *Pass List* in alphabetical order.

INTERNATIONAL LAW.

Class I.—Macdonald, W. A.; Layton, F. P. H.; Doull, J.

Class II.—Landry, R. W.; Craig, K. G.; Maclean, M.; Richard, E. R.

Passed.—Blanchard, C. P.; Cameron, J. J.; Conroy, F. R.; McKay, C. C.; McNeil, A.

CONSTITUTIONAL LAW.

Class I.—Newcombe, H. P.; Layton, F. P. H.; Fenwick, G. P.; MacLennan, D. A.; Ralston, I. S.; Fullerton, V. B.; McLellan, R. S.

Class II.—Duffy, L. L.; McGrath, J. W.; Blois, H. M.; Ross, A.; Russell, B. W.; Robinson, L. M.; Chipman, C. R.; Milner, R.; Gass, C. L.; Thompson, L. M.

Passed.—Geller, S. J.; Keefe, I. M.; McIsaac, J. P.; McKay, C. C.; Macneil, A.; Owen, D.; Smith, R. K.

CONFLICTS.

Class I.—Doull, J.; Macdonald, W. A.; Fullerton, V. B.

Class II.—Richard, E. R.; McArthur, N. R.; Macneil, J.; Cameron, J. J.; McIsaac, J. P.

Passed.—Blanchard, C. P.; Chapman, C. G.; Conroy, F. R.; Doyle, E.; Landry, R. W.; McKay, C. C.; Maclean, M.; Owen, D.

SHIPPING.

Class I.—Macneil, J.; MacLennan, D. A.; McArthur, N. R.; Mavor, J. S.; Thomas, A. O.; Russell, B. W.; MacLennan, R. S.; Newcombe, H. P.

Class II.—Layton, F. P. H.; Layton, Francis; Fenwick, G. P. O.; Fullerton, V. B.; McGrath, J. W.

Passed.—Blois, H. M.; Burns, R. C.; Chipman, C. R.; Keefe, J. M.; Lawrence, A. J.; McKay, C. C.; Macneil, A.; Milner, R.; Owen, D.; Robinson, L. M.

COMPANIES.

Class I.—McLellan, R. S.; Macneil, A.

Class II.—Fullerton, V. B.; Keefe, I. M.

Passed.—Blanchard; McKay, C. C.; McIsaac; Mavor; O'Neil, F. M.; Owen, D.; Rice; Smith, R. K.; Thomas, A. D.

CONSTITUTIONAL HISTORY.

Class I.—Layton, Francis; Cutler, N. F.; Silver, M.

Class II.—Mackenzie, A. A.; Dysart; Whitman, K.; Nelson, W. N.; McKay, A. T.; Deane, R. S.; Smith, O.

Passed.—Christie; Gorham, D.; Graham; Irwin, M. J.; Jones, O. B.; King, G. K.; Murray, C. D. R.; Ross, W. A.; Stack, L. H.; Wiswell, G. B.

WILLS.

Class I.—Layton, F. P. H.; Macneil, John; Burns, R. C.; Mavor, J. S.

Class II.—Fenwick, G. P. O.; Newcombe, H. P.; Sinclair, D. C.; Milner, R.; Maclean, M.; McGrath, J. W.

Passed.—Blois; Chipman; Doyle; Graham; Keefe; Ralston; Rice; Robinson; Russell; Smith; Thomas.

TORTS.

Class II.—O'Neil, F. M.; Mavor, J. S.; Layton, F. P. H.; Macneil, John; Layton, Francis; Thomas, A. O.; Duffy, L. L.

Class II.—Deane, R. S.; Blois, H. M.

Passed.—Christie, F. L.; Dysart, A. A.; Graham, R. D.; Lawrence, A. J.; Milner, R.; Rice, G. E. A.; Sinclair, D. C.; Stack, L. H.

EQUITY.

Class I.—Doull, J.; MacDonald, W. A.; McGrath, J.; Richard, R.; Newcombe, H. P.; Fenwick, G. P. O.; Burns, R. C.; Robinson, L. M.; Cameron, J. J.; Sinclair, D. C.

Class II.—MacArthur, W.; MacIsaac, J. P.; Mavor, J. S.; Thomas, A. O.; Layton, F. P. H.; MacLean, M.; Russell, B.; Landry, R. W.; Conroy, F.; MacNeil, J.

Passed.—Doyle, E. F.; Keefe, J.; Chipman, C. R.; MacKinnon, A. E.; Lawrence, A. J.; Craig, K. G.; MacLellan, R. S.; MacNeil, Alex; MacKay, C. C.; Blanchard, C. P.; McLennan, D. A.; Geller, S. J.

CONTRACTS.

Class I.—Ralston, I.; Deane, R. S.; McKenzie, A. A.

Class II.—O'Neill, F.; Dysart, A.; MacKinnon, A. E.; Mavor, J. S.

Passed.—Christie, F.; Rice, G.; Layton, Francis; Woodin, L. A.; Forbes, E. McK.; Duffy, L. L.

BILLS AND NOTES.

Class I.—Doull, J.; Sinclair, D. C.; Fenwick, G. P. O.; MacArthur, N. R.; Newcombe, H. P.; Landry, R. W.; Ralston, I.; Cameron, J. J.; Layton, F. P. H.

Class II.—Keefe, J.; Robinson, L. M.; MacNeil, Alex; Richard, R.; MacIsaac, J. P.; Blanchard, C. P.

Passed.—MacLellan, R. S.; Chapman, C. G. M.; Doyle, E. F.; MacGrath, J. W.; MacNeil, J.; Mavor, J. S.; Conroy, F.; MacDonald, W. A.; Russell, B.; Thomas, A. O.; MacLean, M.; Chipman, C. R.; Craig, K. G.; Lawrence, A. J.; MacKinnon, A. E.; McLennan, D. A.; Burns, R. C.

PARTNERSHIP.

Class I.—Newcombe, H. P.; Layton, F. P. H.; Mavor, J. S.; Fenwick, G. P. O.; Robinson, L. M.; Owen, D.; Keefe, J.; McKay, C. C.; Russell, B. W.; McGrath, J. W.; McNeil, John.

Class II.—McLellan, R. S.; McLennan, D. A.; McIsaac, J. P.; Sinclair, D. C.; Burns, R. C.; Milner, R.; Chipman, C. R.; Doyle, E. F.

Passed.—Smith, R. K.; Thomas, A. O.; Geller, S. J.; Layton, Francis.

EVIDENCE.

Class I.—Fenwick, G. P.; Burns, R. C.; Newcombe, H. P.; Ralston, I.; Russell, B. W.; MacLennan, D. A.; McLellan, R. S.; Smith, R. K.

Class II.—Macneil, John; Mavor, J. S.; McIsaac, J. P.; McGrath, J. W.

Passed.—Robinson, L. M.; Maclean, M.; Owen, D.; Thomas, A. O.; Macneil, A.; Sinclair, D. C.; Chipman, C. R.; Keefe, J. M.; Milner, R.

CRIMES.

Class I.—Ralston, I.; Layton, Francis; Stack, L. H.

Class II.—Dysart, A.; Rice, G. E.; O'Neil, F.; Deane, R. S.

Passed.—Graham, R. D.; Dares, R. S.; Christie, F.; McKinnon, A. E.

REAL PROPERTY.

Class I.—Duffy, L. L.; Ralston, I.

Class II.—Layton, Francis; Sinclair, D. C.; Deane, R. S.

Passed.—Dysart, A.; Graham, R. D.; Lawrence, A. J.; McKinnon, A. E.; Rice, George, E.; Stack, L. H.

PROCEDURE.

Class I.—Cameron; McLellan; Fullerton; Chase; McArthur; Layton, F. P.; Craig, K. S.; McKinnon, A. E.

Class II.—Chipman; McNeil, A. A.; Fraser.

FACULTY OF MEDICINE

GENERAL PASS LIST

(Alphabetical Order.)

FIRST PROFESSIONAL.

Campbell, A. R.; *MacAskill, F. G.; McKenzie, S. G.; McKeough, W. T.; MacKinnon, A. H.; Mackasey, W. P.; Morton, L. M.; Reid, J. B.; *Rogers, K. F.; †Wilson, A. A. C.

SECOND PROFESSIONAL—(Partial.)

*Barnes, W. F.; †Barnhill, H. B.; Barss, G. A.; Bethune, R. O.; †Cameron, C. B.; Johnson, J. M.; *MacAskill, F. G.; MacKinnon, A. H.; Stewart, J. M.; Wilson, A. A. C.

THIRD PROFESSIONAL.

Atlee, H. B.; Barnes, W. F.; Collie, J. R. M.; Davis, F. R.; Hartigan, D. J.; Herdman, W. W.; Johnson, A. M.; †MacAskill, F. G.; *Macdonnell, P. W. S.; Macleod, D. A.; MacLeod, J. R. B.; Murdoch, J. A. M.; Schwartz, H. W.; Titus, R. L.

FOURTH PROFESSIONAL.

Bober, Bessie A.; Burris, M. G.; Coffin, W. V.; MacAulay, D. A.; MacDonald, J. J.; Macdonnell, P. W. S.; Roy, A. K.; Spencer, Minnie G.; Stramberg, C. W.

DEGREE EXAMINATIONS

CLASS LISTS.

(Alphabetical Order.)

MEDICAL PHYSICS.

Distinction—None.

Passed—McKenzie, S. G.; McLean, Jean A.; Mackasey, W. P.; Reid, J. B.; Tompkins, M. G.; Withrow, R. R.

Supplementary Examination, Sept., 1909—MacAskill, F. G.; MacKinnon, A. H.

Supplementary Examination, April, 1910—Finlay, F. S.

Special Examination, April, 1910—Meech, L. R.

JUNIOR CHEMISTRY.

Distinction—McKeough, W. T.

Passed—Deveau, A. J.; McLean, Jean A.; Mackasey, W. P.; Tompkins, M. G.; Withrow, R. R.

Supplementary Examination, Sept., 1909—Rogers, K. F.; Wilson, A. A. C.

*Supplementary, Sept., 1909.

†Supplementary, April, 1910.

BIOLOGY.

Distinction—None.

Passed—Keith, C. H.; McKeough, W. T.; McLean, Jean A.; Mackasey, W. P.; Morton, L. M.; Reid, J. B.; Withrow, R. R.

Supplementary Examination, Sept., 1909—Beaton, John.

JUNIOR ANATOMY.

Distinction—None.

Passed—McKenzie, S. G.; McKeough, W. T.; Mackasey, W. P.; Morton, L. M.; Reid, J. B.; Tompkins, M. G.

Supplementary Examination, Sept., 1909—Beaton John; Deveau, A. J.

Supplementary Examination, April, 1910—Wilson, A. A. C.

Special Examination, April, 1910—Campbell, A. R.; Dickie, W. R.; Doull, J. A.; Gass, C. L.; Little, F. R.; Ross, Albert.

PHYSIOLOGY AND HISTOLOGY.

Distinction—Barss, G. A.; Johnson, J. M.; Stewart, J. M.

Passed—Bethune, R. O.; Finlay, F. S.; Lebbetter, T. A.; MacKinnon, A. H.; McNeil, Daniel; Tait, H. S.; Wilson, A. A. C.

Supplementary Examination, Sept., 1909—Barnhill, H. B.; Beaton, John.

Special Examination, April, 1910—Mack, F. G.

SENIOR CHEMISTRY.

Distinction—None.

Passed—Barss, G. A.; Bethune, R. O.; Finlay, F. S.; Johnson, J. M.; Mackinnon, A. H.; Stewart, J. M.; Wilson, A. A. C.

Supplementary Examination, Sept., 1909—Barnes, W. F.; Beaton, John.

Supplementary Examination, April, 1910—Barnhill, H. B.

Special Examination, Sept., 1909—Gass, C. L.

Special Examination, April, 1910—Mack, F. G.

SENIOR ANATOMY.

Distinction—Stewart, J. M.; Wilson, A. A. C.

Passed—Barss, G. A.; Bethune, R. O.; Finlay, F. S.; Johnson, J. M.; Keith, C. H.; Lebbetter, T. A.; MacKinnon, A. H.; McNeil, Daniel; Tait, H. S.

Supplementary Examination, April, 1910—Cameron, C. B.

MATERIA MEDICA AND THERAPEUTICS.

Distinction—Atlee, H. B.

Passed—Barnes, W. F.; Cameron, C. B.; Collie, J. R. M.; Davis, F. R.; Hartigan, D. J.; Herdman, W. W.; Johnson, A. M.; MacLeod, D. A.; MacLeod, J. R. B.; MacRitchie, J. J.; Murdoch, J. A. M.; Schwartz, H. W.; Titus, R. L.

Special Examination, Sept., 1909—MacAskill, F. G.; Macdonnell, P. W. S.

PATHOLOGY AND BACTERIOLOGY.

Distinction—Atlee, H. B.; MacLeod, D. A.; MacLeod, J. R. B.; Titus, R. L.

Passed—Barnes, W. F.; Collie, J. R. M.; Davis, F. R.; Hartigan, D. J.; Herdman, W. W.; Johnson, A. M.; Murdoch, J. A. M.; Schwartz, H. W.

Supplementary Examination, April, 1910—MacAskill, F. G.

Special Examination, Sept., 1909—Macdonnell, P. W. S.

MEDICAL JURISPRUDENCE AND HYGIENE.

Distinction—Bober, Bessie A.; Coffin, W. V.; MacDonald, J. J.; Stramberg, C. W.

Passed—Burriss, M. G.; MacAskill, F. G.; MacAulay, D. A.; Macdonnell, P. W. S.; Roy, A. K.; Spencer, Minnie G.

SURGERY.

Distinction—None.

Passed—Bober, Bessie A.; Burriss, M. G.; Coffin, W. V.; MacAulay, D. A.; MacDonald, J. J.; Macdonnell, P. W. S.; Roy, A. K.; Spencer, Minnie G.; Stramberg, C. W.

MEDICINE.

Distinction—Burriss, M. G.

Passed—Bober, Bessie A.; Coffin, W. V.; MacAulay, D. A.; MacDonald, J. J.; Macdonnell, P. W. S.; Roy, A. K.; Spencer, Minnie G.; Stramberg, C. W.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.

Distinction—None.

Passed—Bober, Bessie A.; Murriss, M. G.; Coffin, W. V.; MacAskill, F. G.; MacAulay, D. A.; MacDonald, J. J.; Macdonnell, P. W. S.; Roy, A. K.; Spencer, Minnie G.; Stramberg, C. W.

Supplementary Examination, April, 1910—Thibault, S. H.

CLINICAL SURGERY.

Distinction—Bober, Bessie A.; Coffin, W. V.; MacAulay, D. A.; MacDonald, J. J.; Roy, A. K.

Passed—Burriss, M. G.; MacAskill, F. G.; Macdonnell, P. W. S.; Saunders, R. M.; Spencer, Minnie G.; Stramberg, C. W.

Supplementary Examination, April, 1910—Thibault, S. H.

CLINICAL MEDICINE.

Distinction—Bober, Bessie A.; Burriss, M. G.; Coffin, W. V.; Macdonnell, P. W. S.; Spencer, Minnie G.; Stramberg, C. W.

Passed—MacAskill, F. S.; MacAulay, D. A.; MacDonald, J. J.; Roy, A. K.; Saunders, R. M.

FACULTY OF DENTISTRY

DEGREE EXAMINATIONS

(Alphabetical order.)

SECOND YEAR.

PHYSICS.

Passed—Burke, John A.; Crowe, A. Boyd; Faulkner, Alden W.; Tolson, Harry S.

CHEMISTRY.

Passed—Crowe, A. Boyd; Faulkner, Alden W.; Tolson Harry S.

ANATOMY.

Passed—Burke, John A.; Crowe, A. Boyd; Faulkner Alden W.; Tolson, Harry S.

PHYSIOLOGY.

Passed—Burke, John A.; Crowe, A. Boyd; Faulkner, Alden W.; Tolson, Harry S.

DENTAL HISTOLOGY AND COMPARATIVE ANATOMY.

Class I—Faulkner, Alden W.; Tolson, Harry S.

Passed—Burke, John A.; Crowe, A. Boyd.

OPERATIVE DENTISTRY.

Class I—Faulkner, Alden W.

Passed—Burke, John A.; Crowe A. Boyd; Tolson, Harry S.

PROSTHETIC DENTISTRY.

Class I—Burke, John A.; Crowe, A. Boyd; Faulkner, Alden W.; Tolson, Harry S.

FIRST YEAR.

BIOLOGY.

Passed—Hopper, Anson D.; Margeson, Paul E.

PHYSICS.

Passed—Hopper, Anson D.; Margeson, Paul E.

ANATOMY.

Passed—Hopper, Anson D.; Margeson, Paul E.

CHEMISTRY.

Passed—Hopper, Anson D.; Margeson, Paul E.

OPERATIVE DENTISTRY.

Passed—Hopper, Anson D.; Margeson Paul E.

PROSTHETIC DENTISTRY.

Class I—Margeson, Paul E.

Passed—Hopper, Anson D.

STUDENTS, 1909-10

FACULTY OF ARTS AND SCIENCE

(The number following the name indicates the year of the course of the student)

Ackhurst, Ernest Victor, 2	Halifax.
Allen, Kathleen Emma, 1	Halifax.
Allison, Jean E.	Halifax.
Amos, Rena Maud, 1	Oxford.
Archibald, Alfred Arnold, 4	New Westminster, B. C.
Archibald, Leith Prescott, 2	Upper Stewiacke.
Armitage, Helen Dorothy, 3	Halifax.
Ashkins, Nathan Thomas, 2	Weymouth.
Baker, Grace Josephine, 4	Dartmouth.
Bancroft, George R.	Halifax.
Bell, Hugh Philip, 3	Halifax.
Billman, Walter Melville, 1	Halifax.
Blackett, Arthur Edwin, 1	Glace Bay.
Blackie, Edith May, 2	Halifax.
Bligh, Harriet Alice, 2	Lakeville, Kings Co.
Blois, Harry Morris, 3	Halifax.
Boak, Charlotte Fillis, 2	Halifax.
Brown, Geoffrey Morrow, 3	Halifax.
Brownell, Laurence Edward, 3	Truro.
Brownell, Pearl, 2	Truro.
Brunt, Blanche Gertrude, 2	Halifax.
Butler, George Kelley, 4	Liverpool.
Campbell, Alexander Brown, 1	Port Hood.
Campbell, Alexander Rae, 4	Merigomish.
Campbell, Laurence Blair, 1	Halifax.
Carson, James B., 1	Dartmouth.
Carson, Ralph Burgess, 1	Dartmouth.
Cavanagh, John Lorraine, 3	New Glasgow.
Chambers, Stanley Wilfred, 2	Halifax.
Chapman, Edward Willard Gordon, 3	Halifax.
Chateauvert, John Henry, 2	Stellarton.
Chisholm, Edith A., 2	Halifax.
Chisholm, George Philip, 1	Halifax.
Chisholm, Stanley James, 4	Halifax.
Clay, Vera Blanche, 4	New Glasgow.
Clayton, Edward Reginald, 2	Halifax.
Clayton, Mary Louise, 1	Halifax.
Clemen, Rudolf Alexander, 1	Halifax.
Cockburn, Kathleen, 1	St. Andrew's, N. B.
Collier, Florence, 2	Sydney.
Collingwood, Douglas Moore, 3	Boscombe, Eng.
Colquhoun, Lillias Williamina, 2	Halifax.
Conrad, Roland Augustus, 1	Halifax.
Cooke, Norman Logan, 1	Gray's River, Col. Co.
Cornelius, Julius Robert, 4	Halifax.
Cox, Otis Stanleigh, 1	Upper Stewiacke.
Crawford, Henry Gordon, 1	Windsor.
Creighton, Charles Sydney, 3	Dartmouth.
Creighton, Thomas McCully, 4	Dartmouth.
Crichton, Helen Ramsay, 3	Halifax.

✓ Crowe, Clara Alice, 1	Truro.
✓ Crowe, John Congdon, 4	Truro.
✓ Cunningham, Alan, 1	Bedford.
✓ Currie, Lulu Marion, 1	Campbellton, N. B.
✓ Currie, Mary Maud, 1	Tatamagouche.
✓ Cutler, John Geoffrey, 3	Dartmouth.
✓ Cutler, Norah Fitzroy, 4	Dartmouth.
✓ Davidson, Mary Isabella, 2	Amherst.
✓ Davidson, Victor David, 1	Halifax.
✓ Davis, Harold Simmonds, 4	Truro.
✓ Day, Robert Earle, 2	Halifax.
✓ Dennis, Sarah Miller, 2	Halifax.
✓ Dewis, Martha Ellen, 4	Shubenacadie.
✓ Dickie, Annie Katherine, 2	Gen. Onslow, Col. Co.
✓ Dickie, John Barrie, 1	Truro.
✓ Dickie, Walter Reginald, 4	Stewiacke.
✓ Doane, Harvey William Lawrence, 2	Halifax.
✓ Donkin, Robert Percy, 1	Rockingham.
✓ Doull, James Angus, 3	New Glasgow.
✓ Duffy, Leon Levett, 4	Hillsboro, N. B.
✓ Earle, Chester Allan Moore, 3	St. John, N. B.
✓ Farquhar, George, B. A.,	Halifax.
✓ Faulkner, Georgene Lillian, 2	Halifax.
✓ Ferguson, Clarence Sydney, 4	Tangier.
✓ Ferguson, Malcolm, 1	Caledonia Mine, C. B.
✓ Flemming, Paul Rogers, 3	Halifax.
✓ Forbes, Evan McKenzie, 4	North Sydney, C. B.
✓ Forbes, John Eric, 1	Dartmouth.
✓ Forsyth, Edna Irene, 2	Dartmouth.
✓ Fraser, Alexander David, 4	Halifax.
✓ Fraser, David, 2	Whind R. Cross, P.E.I.
✓ Fraser, Dorothy May, 1	Moncton, N. B.
✓ Fraser, Edith Lillian M., 2	Halifax.
✓ Fraser, Edward James Oxley, 3	Shelburne.
✓ Fraser, William Pollok, B. A.	Pictou.
✓ Freeman, Ida Clare, 2	Halifax.
✓ Fulton, Lewis McLeod, 2	Sydney.
✓ Garrett, Harry Leigh, 2	Sheffield Mills, K. Co.
✓ Gass, Charles Leon, 3	Londonderry.
✓ Gillis, James Donald, 1	Scottsville, Inv. Co.
✓ Gorham, Dorothy Constance, 4	Halifax.
✓ Graham, Roderick Douglas, 1	New Glasgow.
✓ Grant, Frances Havergal, 4	Halifax.
✓ Grant, Gerald Wallace, 1	Halifax.
✓ Grant, Isabel McGillivray, 3	Springville, Pictou Co.
✓ Grant, William Alexander, 1	West River, Pictou Co.
✓ Gray, Samuel Wilson, 1	Westville.
✓ Greig, Gladys Stephen	Halifax.
✓ Guildford, David Adams, 1	Halifax.
✓ Gunn, Helen Catherine, 2	East River, St. Mary's.
✓ Hall, Thomas Roy, 4	Sheet Harbor.
✓ Harris, Blanche R.	Aylesford.
✓ Harvey, Daniel C, 4	Cape Traverse, P. E. I.
✓ Hawkins, Charles Robert, 1	Lunenburg.
✓ Heffler, Foster Almon, 1	Halifax.
✓ Henderson, Marion B., 2	Union Road, P. E. I.
✓ Henry, Charles Blanchard, 1	Halifax.
✓ Henry, Jean, 2	River John, Pictou Co.
✓ Henry, Jessie Ellen, 2	River John, Pictou Co.

Herman, Arthur Kenneth, 4	Dartmouth.
Herman, George Evans, 4	Dartmouth.
Hibbert, Thomas Maxwell, 3	Berwick.
Hiseler, Frank Ernest, 2	Halifax.
Holder, Ella Geraldine, 3	Halifax.
Hussey, Samuel Robert, 2	Halifax.
Ingraham, Vera, 1	Glace Bay.
Irvine, William Stephenson, 1	St. John, N. B.
Irving, John Duncan, 1	New Glasgow.
Irving, Margaret, 2	New Glasgow.
Irving, William Sowerby, 1	Beersville, Kent, N. B.
Irwin, Margaret Jean, 4	Wine Harbor.
James, Alan McKenzie, 3	Halifax.
Johnstone, John Hamilton Lane, 3	Dartmouth.
Jones, Hervey West, 2	Halifax.
Jones, Owen Bell, 3	Halifax.
Keeler, George Lorimer, 2	Dartmouth.
Keith, Kathleen Isabelle, 1	Halifax.
Kemp, Hector Downie, 1	St. Peter's, C. B.
Kemp, Hector Francis, 4	L'Archeveque, C. B.
Kent, Edward Sherburne, 4	Truro.
King, George Kinnear, 2	Buctouche, N. B.
Knowlton, James Edward, 3	Parrsboro.
Lantz, Gwendolen, 1	Halifax.
Lantz, Norah Gladys, 2	Halifax.
Lawrence, Lily Frances, 2	Lakeville, Kings Co.
Lent, James Murrie, 1	Tusket, Yar. Co.
Leslie, Eric, 4	Halifax.
Leslie, Kenneth, 3	Halifax.
Lewis, George Murray, 2	Yarmouth.
Little, Ferguson Robert, 3	Halifax.
Livingstone, Grover Cleveland, 4	Harcourt, N. B.
Logan, George Albert, 1	Brookfield, N. S.
Logan, Heber Meredith, 1	Bedford.
Mack, Frank Gordon, 4	Halifax.
MacAloney, Kathleen Isabelle, 4	Rockingham.
McArthur, James William, 1	New Glasgow.
MacAskill, William Ross, 2	Baddeck.
MacAulay, Eben Kenneth, 1	Grand River, C. B.
McCabe, John Maxwell, 2	Durham, Pictou Co.
McColough, Reginald Walker, 4	Waverley, N. S.
McCurdy, Leslie Briggs, 2	Truro.
Macdonald, Alexander Thomas, 4	Reserve Mines, C. B.
Macdonald, Angus Dan, 3	Skir Dhu, C. B.
Macdonald, Annie Josephine, 4	West Bay, C. B.
McDonald, Donald William, 4	Earltown.
Macdonald, Eva G., 1	Halifax.
Macdonald, James Clarke, 3	Sydney, C. B.
Macdonald, John Aneus, 2	Sherbrooke, Guys. Co.
Macdonald, Mary Lillian, 2	Sherbrooke, Guys. Co.
MacDonald, Peter, 1	Marion Bridge, C. B.
MacGregor, Jean Emmeline, 3	Amherst.
MacGregor, Murdoch Robb, 2	Amherst.
McInnes, Harold Lauchlin, 1	Lyons Brook, Pictou.
MacIntosh, Donald Smith, 2	West River, Pictou Co.
McIntosh, John Philip, 4	Pleasant Bay, C. B.
McIntosh, Mabel Irene, 1	King's Head, Pictou.
MacKay, Alexander Thomas, 3	Pictou.
Mackay, Georgina Marion, 4	Reserve Mines, C. B.

- ✓ Mackay, Helen Stuart, 4 Bridgewater.
 ✓ Mackay, Jean, 1 Amherst.
 Mackay, John Finlay, 1 Grand River, C. B.
 Mackay, Norman Erickson, 1 Halifax.
 Mackay, William Kempt, 2 Kempt Head, C. B.
 McKean, Douglas Russell, 2 West LaHave.
 Mackenzie, Archibald Alexander, 3 River John, Pictou Co.
 ✓ McKenzie, Annie Sadie, 3 Lr. Mid. River, C. B.
 McKenzie, Charles Edward, 4 Springhill.
 McKenzie, Daniel Christie, 2 North Sydney.
 MacKenzie, Seymour Gourley, 3 Truro.
 McKillop, Anderson Billing Boak, 1 Ferguson Lake, C. B.
 McKinnon, Angus Harold, 1 Ingonish, C. B.
 MacKinnon, James, 4 Whycomomagh, C. B.
 McKinnon, Ranald, 2 New Aberdeen, C. B.
 ✓ McKittrick, Lillian Mary, 2 Kentville.
 McLean, John Grant, 4 Thorburn.
 ✓ McLean, Margaret McNaghten, 4 Mahone Bay.
 ✓ McLean, Maude, 1 Charlottetown, P. E. I.
 McLean, William Buchanan, 3 Sydney, C. B.
 ✓ McLellan, Margaret Electa, 3 Noel Shore, Hants.
 McLennan, John C., 4 Big Bras d'Or, C. B.
 McLennan, Kenneth John, 4 Grand River, C. B.
 McLeod, Angus, 3 Victoria Cove, C. B.
 Macleod, James Duncan, 4 Scotsburn.
 Macleod, Macintosh, 1 Baddeck, C. B.
 McLeod, Murdoch Dan, 3 Wreck Cove, C. B.
 MacLeod, Wilfred John, 2 New Glasgow.
 MacMahon, Harry Keith, 1 Waterville, Kings Co.
 MacMillan, Duncan Alexander, 2 E. Lake Ainslie, C. B.
 MacQueen, John Park, 2 King's Head, Pictou.
 MacRae, Neil Charles, 3 Canoe Cove, P. E. I.
 MacRae, Vincent, 1 Dyer P. O., Ont.
 ✓ Magee, Mabel Evelyn, 2 Annapolis.
 Major, Reginald Artz, 3 Halifax.
 Marsters, Charles Galitzin, 2 Halifax.
 ✓ Marsters, Gladys May, 4 Halifax.
 Matheson, Donald John, 4 Marble Mtn., Inv. Co.
 Matheson, Howard Watson, 4 Lime Rock.
 Mavor, John Stewart, 4 Fredericton, N. B.
 Messervey, John, 2 Halifax.
 Milligan, Francis Millidge, 4 Bear River.
 Milne, Everind Hall, 1 Cook's Brook, Hfx Co.
 Mitchell, Edward Frederick, 3 Halifax.
 ✓ Mitchell, Madelene McColl, 1 Halifax.
 Mitchell, Walter, jr, 3 Halifax.
 Morrison, Daniel J., 1 Framboise, C. B.
 Morrison, John William, 3 Oldham, N. S.
 ✓ Mumford, Beatrice Eugenie, 2 Dartmouth.
 Munnis, Dorothy Knaut, 2 Halifax.
 Munro, Mossie Mildred, 4 River John.
 Murchison, John Kenneth, 2 Grand River, C. B.
 ✓ Murray, Annie Letitia, 2 Pictou.
 ✓ Murray, Bertha, 1 Amherst.
 Murray, Charles Dempster Rutherford, 4 Hopewell.
 Mylius, Lewis Aubrey, 3 Halifax.
 Neish, Robert Arthur, 3 Halifax.
 Nelson, William McCully, 1 Tatamagouche.
 Nichols, Edward Wilber, B. A. Acaciaville, Digby.

Nicholson, Daniel John, 2	Up. Mid. River, C. B.
Nicoll, Margaret Woollard, 2	Halifax.
Noonan, William Hysanth, 2	Pictou.
O'Brien, George Erle, 1	Hebron.
O'Brien, Nora Ephrem, 4	Halifax.
Outhit, Marion Currie, 3	Halifax.
Owen, Daniel O'Brien, 1	Granville, North Wales.
Palmer, Frederick Herbert, 2	Halifax.
Parker, Eugene Troop, 3	Belleville, Yar. Co.
Patterson, Malcolm Alexander, 1	Sydney.
Prisk, Iva Grace, 4	Halifax.
Raynor, Laura May, 4	Enmore, P. E. I.
Read, Walter Welton, 1	Halifax.
Rettie, Annie Isabel, 2	Stillman, Pictou Co.
Reynolds, Horton Munro, 3	Halifax.
Rogers, Anderson, B. A.	Amherst.
Roper, John Shenstone, 4	Halifax.
Ross, Agnes, Stewart, 1	St. John, N. B.
Ross, Albert, 4	New Glasgow.
Ross, Margaret Irving, 3	St. John, N. B.
Ross, William Alexander, 3	St. John, N. B.
Ross, William Charles, 4	Halifax.
Rudin, Henry Albert, 4	Port-o'-Spain, W. I.
Salter, Benjamin Chalmers, 1	Chatham, N. B.
Shannon, Mary Josephine, 1	Halifax.
Sibley, Gladys Marguerite, 1	Halifax.
Silver, Beryl St. Clair, 2	Halifax.
Silver, Marguerita Hattnal Louise, 4	Halifax.
Simson, George Francis, 3	Halifax.
Smeltzer, Harold Roland, 2	Mahone.
Smith, Arthur Balcom, 2	Halifax.
Smith, Charles Gordon, 1	North Sydney.
Smith, Ernest Spurgeon, 2	North Sydney.
Smith, Gladys Una, 3	Halifax.
Smith, Harold Archibald, 1	Sydney, C. B.
Smith, Lloyd Keating, 1	Londonderry.
Smith, Mary Emily Stanfield, 4	Truro.
Smith, Minnie Lenore, 4	Sydney, C. B.
Smith, Myrtle Blanche, 1	Port Hood.
Smith, Olive Winifred, 4	Halifax.
Stairs, Hugh Morrow, 1	Halifax.
Stairs, John Cuthbert, 2	Halifax.
Stapleton, William Clarke, B. Sc.	Dartmouth.
Stewart, Alison Douglas, 1	Halifax.
Stewart, Florence MacGregor, 3	Dartmouth.
Stevens, Maude Aehsa, 2	Freeport, Digby Co.
Strachan, Annie McNab, 2	Rockingham.
Surette, Germain Augustin, 2	Clare, Digby Co.
Sutherland, Archibald, 4	Trenton.
Sutherland, Colin George, 1	New Glasgow.
Swanson, John King, 1	Kentville.
Sylvester, George McDonald, 3	New Glasgow.
Thompson, George Harry, 1	Oxford.
Thompson, Lewis Murdoch, 4	New Glasgow.
Thorne, Emilie Jesse, 3	Dartmouth.
Titus, Robie Leslie, 4	Digby Co.
Toomey, Fanny Hazel, 2	Halifax.
Townsend, William Thomas, 4	Tangier.
Tozer, Frank James, 1	Halifax.

✓ Trefry, Edith, 1	Halifax.
Trites, Stanley Bliss, 2	Salisbury.
✓ Umlah, Annie Lecina Boak, 1	Halifax.
✓ Umlah, Lillie Alberta Boak, 4	Halifax.
✓ Vair, James Douglas, 3	Charlottetown, P. E. I.
Watson, Robert Anderson, B. A.	Halifax.
✓ Weldon, Helen Hart, 2	Halifax.
Wallace, Curtis Clayton, B. Sc.	Halifax.
Weatherbee, John Alexander Thos., 3	New Glasgow.
Whidden, William Arthur, 4	Brookfield.
✓ Whitman, Inez Leona, 1	Aylesford.
✓ Whitman, Katherine McNeil, 4	Halifax.
✓ Wier, Elspeth May, 3	Halifax.
✓ Wiswell, Gordon Blanchard, 4	Halifax.
✓ Withrow, Helena Howe, 2	Elmsdale.
Yeoman, Alan Ritchie, 1	Halifax.
Yeoman, Robert Forsyth, 1	Halifax.

FACULTY OF LAW.

THIRD YEAR.

Cameron, John Joseph	Heatherton.
Cameron, Donald Alexander	Pictou.
Conroy, Frederick Roue	Charlottetown, P. E. I.
Craig, Kenneth Gordon	Amherst.
Doull, John	New Glasgow.
Fullerton, Varley Bent, B.A. (Mt. A.)	Parrsboro.
Landry, René Wilfred	Eel Brook, Yarmouth.
Layton, Francis Paul Hamilton, B.A. (Dal.)	Truro.
McArthur, Neil R., B.A. (St. F. X.)	North Sydney.
Macdonald, Wm. Alexander, B.A. (St.F.X.)	Port Hood.
Richard, Ernest René, B.A. (St. Jos.)	Dorchester, N. B.

SECOND YEAR.

Blanchard, Charles Prescott, B.A. (Dal.)	Truro.
Burns, Ralph Chester, B.A. (Dal.)	Milltown, N. B.
Chapman, Cyril Gilbert Moran	Dorchester, N. B.
Fenwick, George Paget Owen, B.A. (U.N.B.)	Apohaqui, N. B.
Keefe, John Murray	Lakeville, N. B.
Lawrence, Amos Jesse, B.A. (Dal.)	Southampton.
McIsaac, Joseph Patrick, B.A. (St. F. X.)	Antigonish.
McKay, Charles Curtis	Yarmouth.
MacKinnon, Alexander Edward, B.A. (Dal.)	Strathlorne, C. B.
McLellan, Robert Simpson, B.A. (St.F.X.)	Waterford, C. B.
MacLennan, Daniel Alexander	Nyanza, C. B.
Maeneil, Alexander, B.A. (St. F. X.)	Giant Lake, Guysboro.
MacNeil, John, B.A. (Dal.)	Glace Bay, C. B.
Mavor, John Stewart	Fredericton, N. B.
Milner, Ray, B.A. (Kings)	Halifax.
Newcombe, Harry Philip	Canning.
Owen, Daniel	Annapolis Royal.
Robinson, Louis McKenna	Berwick.
Russell, Bernard Wallace, B.A. (Mt. A.)	Halifax.
Sinclair, Donald Carmichael, B.A. (Dal.)	New Glasgow.
Smith, Robert Knowlton	Amherst.
Thomas, Arthur Ogden, B.A. (Dal.)	Truro.

FIRST YEAR.

Christie, Frank Lionel	Barrington Passage.
Churchill, Burpee Clair	Amherst.
Deane, Robert Sedgewick	Upper Musquodoboit.
Dysart, Albert Allison	Cocagne, C. B.
Layton Francis	Truro.
O'Neill, Francis M.	Fredericton, N. B.
Rice, George Edward	Bear River.
Stack, Luke Hannon	Melrose, N. B.

GENERAL STUDENTS.

Blois, Harry Morris	Halifax.
Chipman, Charles Rupert	Tupperville.
Cutler, Nora Fitzroy	Dartmouth.
Dares, Robie St. Clair	Dartmouth.
Doyle, Ernest Frederick	Halifax.
Duffy, Leon Levett	Hillsboro., N. B.
Flemming, Paul Rogers	Halifax.
Forbes, Ewan McKenzie	North Sydney, C. B.
Gass, Charles Leon	Londonderry.
Geller, Samuel Joseph	Halifax.
Gorham, Dorothy Constance	Halifax.
Graham, Roderick Douglass	New Glasgow.
Hugill, John William	Calgary.
Irwin, Margaret Jean	Wine Harbor.
Jones, Owen Bell	Halifax.
King George Kinnear	Buctouche, N. B.
MacGrath, John William	St. John's Nfld.
MacKay, Alexander Thomas	Pictou.
MacKenzie, Archibald Alexander	River John.
MacKenzie, Daniel Christie	North Sydney.
MacLean, Matthew	Sydney Mines.
Murray, Charles Dempster Rutherford...	Hopewell.
Nelson, William McCully	Tatamagouche.
Ralston, Ivan Steele	Amherst.
Ross, Albert	New Glasgow.
Ross, William Alexander	St. John, N. B.
Silver, Marquerita Louise	Halifax.
Smith, Olive Winnifred	Halifax.
Thompson, Lewis Murdoch	New Glasgow.
Whitman, Katherine McNeil	Halifax.
Wiswell, Gordon Blanchard	Halifax.
Woodin, Lester Ancil	Sydney, C. B.

FACULTY OF MEDICINE.

UNDERGRADUATES

FOURTH YEAR.

Bober, Bessie Angela, <i>B. A.</i> (King's)	Windsor.
Burris, Matthew George, <i>B. A.</i> (Dal.)	Upp. Musquodoboit.
Coffin, William Vernon	Bristol, P. E. I.
MacAskill, Frederic Graham	St. Peter's, C. B.
MacAulay, Daniel Angus	Englishtown, C. B.
MacDonald, John James, <i>B. A.</i> (St. F. X.)	New Glasgow.
Macdonnell, Peter Winfred Smythe	Port Hood, Inv.
Roy, Alexander Kerr, <i>B. A.</i> (Dal.)	Maitland, Hants.
Saunders, Reginald McKean	Clarence West, Annap.
Spencer, Minnie Grace, <i>B. A.</i> (Dal.)	Halifax.
Stramberg, Charles William	River John, Pictou.
Thibault, Siffroi Henry	Salmon River, Digby.

THIRD YEAR.

Atlee, Harold Bengé	Annapolis Royal.
Barnes, William Fielding	Halifax.
Cameron, Clarence Bain	New Glasgow.
Collie, John Robert Mitchell	River John, Pictou.
Davis, Frank Roy	Petite Riviere.
Hartigan, David James	Sydney Mines.
Herdman, William Walker	Pictou.
Johnson, Arthur Morrell	Tatamagouche.
MacLeod, Donald Angus	Point Tupper, C. B.
MacLeod, John Roderick Bethune	Grand River, Richm.
MacRitchie, John James	Englishtown, C. B.
Murdoch, John Allan McIntosh	Sherbrooke.
Schwartz, Hugh William	Halifax.
Titus, Robie Leslie	Westport, Digby.

SECOND YEAR.

Balcom, Bessie Euphemia	Aylesford.
Barnhill, Harold Bruce	Two Rivers, Cumb.
Barss, Geoffrey Alden	Dartmouth.
Beaton, John	Moose Creek, Ont.
Bethune, Roderick Owen	Baddeck.
Creighton, Thomas McCully	Dartmouth.
Deveau, Alfred Joseph	Meteghan, Digby.
Johnson, James MacGregor	Halifax.
Finlay, Francis Stanislaus	Tatamagouche.
Keith, Claude Hill	New Glasgow.
Lebbeeter, Thomas Alphonsus	North Sydney.
MacDaniel, Bernard J.	Margaree.
Mack, Frank Gordon	Halifax.
MacKinnon, Albert Hugh	Pictou Landing.
McNeil, Daniel	Mabou.
Rawley, William Patrick	Halifax.
Stewart, John Murdoch, <i>B. A.</i> (Dal.)	Pictou.
Tait, Harold Sinclair	St. John's, Nfld.
Wilson, Arthur Augustus Cuthbert	Springhill.

FIRST YEAR.

Campbell, Alexander Rae	Halifax.
Dickie, Walter Reginald	Stewiacke.
Doull, James Angus	New Glasgow.
Gass, Charles Leonard	Londonderry.
Little, Ferguson Robert	Halifax.
McKenzie, Seymour Gourley	Truro.
McKeough, William Thomas	Afton, Antig.
McLean, Jean Augusta	North Sydney.
Mackasey, William Patrick	Moncton, N. B.
Morton, Lewis Mark	Springfield, Annap.
Reid, John Burriss	Midd. Musquodoboit.
Rogers, Keith Forrester	Yarmouth.
Ross, Albert	Blue Mtn, Pictou.
Tompkins, Miles Gregory	East Margaree, C. B.
Withrow, Ralph Roscoe	Elmsdale.

SPECIAL.

Meech, Lloyd Roy	Tatamagouche.
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FACULTY OF DENTISTRY.

Session 1909-1910

SECOND YEAR.

Burke, John Anthony	St. John's, Nfld.
Crowe, Allen Boyd	Annapolis, N. S.
Faulkner, Alden West	Selma, N. S.
Tolson, Henry Stanislaus, B. A. (Dal.)	Bedford, N. S.

FIRST YEAR.

Hopper, Anson D.	Truro, N. S.
Margeson, Paul E.	Vancouver, B. C.

THE YEAR

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FACTORY OF ...

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THE YEAR

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