

CALENDAR

OF

DALHOUSIE UNIVERSITY

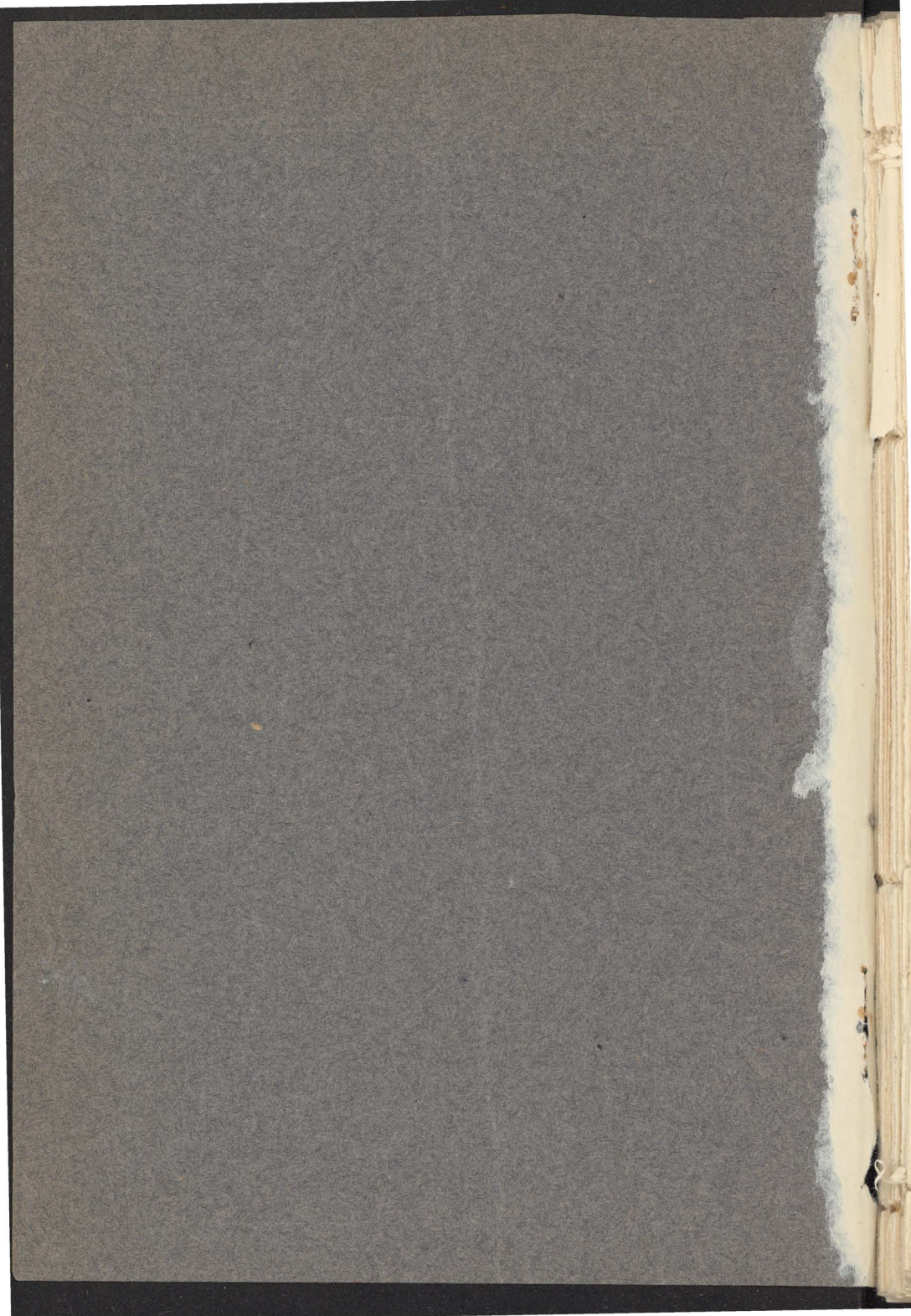
HALIFAX - NOVA SCOTIA

1911-12



HALIFAX:

PRINTED FOR THE UNIVERSITY BY McALPINE PUBLISHING Co., LTD.
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LECTURE TIME TABLE

Hours.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday	Saturday.
9	Chem. 1, 1 A.. Kinematics.. Physics 1, 1B. French 5	Chem. 2, 3, 4 Phil. 2	Chem. 1, 1 A.. Kinematics.. Physics 1, 1 B. German 4	Chem. 2, 3, 4.. Phil. 2	Chem. 1, 1A.. Kinematics.. Physics 1, 1 B German 4	Geol. 2
10	Elem. Latin.. Latin 2	Greek 1	Elem. Latin.. Latin 2	Greek 1	Elem. Latin.. Latin 2	Elem. Latin.. Surveying
	History 1	French 1	History 1	History 2	History 1	Biology 1
	Geol. 1, 2	Drawing 1	Geology 1, 2	Drawing 1	Geology 1, 2	Geology 2
	Surveying	Phil. 1	Surveying	Phil. 1	Surveying	Phil 1
11	Latin 1	Greek 2	Latin 1	Greek 2	Latin 1	Geology 2
	Math. 4	Economics 1	Math. 4	Economics 1	Math. 4	Surveying
	Drawing 2 (W) Chem. 1 B	Math. 1	Drawing 2 (W) Chem. 1 B	Math. 1	Drawing 2 (W) Chem. 1 B	Math. 1
		Mechanics	Mechanics	Mechanics	Mechanics	Biology 1
		Biology 1				
12	Latin 4	Greek 4	Latin 4	Greek 4		Surveying
	Elem. Greek English 2	Math. 3	Elem. Greek.. English 2	Math. 3	Elem. Greek.. English 2	Elem. Greek.. Geol. 2
	Physics 1 A	English 1	Physics 1 A	English 1	Physics 1 A	
		Biology 1				
2	Phil. 3	Drawing 1	Phil. 3	Drawing 1	Greek 1	
	Physics 6	Chem. 2, 4, lab	Physics 6	Chem. 2, 4, lab	Surveying (F)	
	German 1	French 1	French 5	French 1	Drawing 2 (W)	
					German 1	
					Geology 1	
3	Chem. 1 A, lab. Physics 6	Chem. 2, 4, lab. Drawing 1	Chem. 1 A, lab. Physics 6	Chem. 2, 4, lab. Drawing 1	Surveying (F) Drawing 2 (W)	
	Elem. German Phil. 4	Elem. French. Phil. 4	Elem. German Phil. 4	Elem. French. Phil. 4	Elem. German Geol. 1	
4	Chem. 1 A, lab. Bib. Lit	Chem. 2 4, lab English 5	Chem. 1A, lab. Bib. Lit	Chem. 2, 4, lab. English 5	Surveying (F) Drawing 2 (W)	
	Physics 6	Drawing 1	Physics 6	Drawing 1		

The hours for classes not mentioned in this schedule will be arranged to suit those taking them. (W) Winter term only. (F) Fall term only.

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UNIVERSITY ALMANAC, 1911-12

1911

- Aug. 17. Th.—Last day for receiving applications for Autumn Preliminary Examination (Provincial Medical and Dental Boards).
 Last day for receiving notices of Supplementary Examinations (Medical Faculty).
23. W.—Last day for receiving applications for Autumn Professional Examinations (Provincial Medical and Dental Boards).
31. Th.—Session begins. Preliminary Examination (Provincial Medical and Dental Boards) begins at 9 a. m., at Dalhousie College.
 Last day for receiving notices of Supplementary and Special Examinations (Arts and Science Faculty).
- Sep. 4. M.—Supplementary Examinations begin (Medical and Dental Faculties).
 Results Preliminary Examination (Provincial Medical and Dental Boards) declared, and certificates issued, 10 a. m.
 Registration and Payment of Class Fees (Medical and Dental Faculties) 11 a. m.
5. Tu.—Registration of Candidates for Matriculation and Scholarship Examinations (Arts Faculty), 3 p. m.
 Lectures begin (Medical Faculty and Maritime Dental College).
6. W.—Autumn Professional Examinations (Provincial Medical and Dental Boards) begin.
 Matriculation Examinations begin.
 9 a. m., Latin.
 3 p. m., Greek.
7. Th.—9 a. m., History and Geography.
 3 p. m., English.
8. F.—9 a. m., Geometry.
 11 a. m., Trigonometry.
 3 p. m., Algebra.
9. S.—9 a. m., French.
 3 p. m., German.
11. M.—9 a. m., Supplementary Examinations begin (Arts and Science Faculty).
13. W.—9 a. m., Meeting of Faculty of Arts and Science.
 3 p. m., Registration and Payment of Fees begin (Arts Faculty).
15. F.—Lectures begin (Arts and Science Faculty).
19. Tu.—**Last regular day for Registration (Arts and Science).**
25. M.—Intimation as to elective subjects to be made by undergraduates on or before this day.
- Oct. 10. Tu.—Last day for receiving notices of Supplementary Examinations (Law Faculty).
16. M.—Returns as to residence and church attendance to be made on or before this day.
17. Tu.—Session begins (Law Faculty).
 10 a. m., Registration and Payment of Class Fees.
 3 p. m., Supplementary Examinations.

- Oct. 18. W.—Lectures begin (Law Faculty).
M.—Thanksgiving. No lectures.
Tu.—Munro Day. No lectures.
- Dec. 15. F.—Last day of Lectures (Arts, Science, Medical and Dental Faculties).
Last day for receiving notices of Special Examinations.
16. S.—Christmas Examinations begin (Arts and Science Faculty).
(For Program see Notice Boards).
22. F.—Christmas vacation begins.

1912

- Jan. 9. Tu.—Lectures resumed (all Faculties).
- Feb. 21. W.—Ash Wednesday. No lectures.
- Mar. 27. W.—Last day for receiving applications for all Professional Examinations (Medical and Dental Faculties), and for Spring Professional Examinations (P. M., and P. D. Boards).
- Apr. 4. Th.—Last day of lectures (Faculties of Arts, Science, Medicine and Dentistry).
5. F.—Good Friday.
6. S.—Spring Examinations begin. (See Notice Board).
19. F.—Results of P. M. B. Professional Examinations declared.
22. M.—Meeting of Faculty of Arts and Science, 9 a. m.
Meeting of Faculty of Dentistry, 8 p. m.
23. Tu.—Meeting of Senate, 9 a. m.
Meeting of Faculty of Medicine, 4 p. m.
24. W.—11 a. m., Results of Examinations declared.
25. Th.—3 p. m., Convocation.
- May 2. Th.—Spring Preliminary Examinations (Provincial Medical and Dental Boards) begin.
7. Tu.—4 p. m., Annual Meeting of the Medical Faculty.

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Dalhousie University

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Faint, illegible text, likely bleed-through from the reverse side of the page. The text appears to be organized into sections or paragraphs, but the specific content is unreadable due to the low contrast and ghosting.

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 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 endow 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 or 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, or 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.

DALHOUSIE UNIVERSITY.

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 work. It is well provided with apparatus for undergraduate work in Biology.

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, known respectively as the Junior and the Engineering 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. Students looking forward to Engineering courses should note that the standard of Engineering Matriculation in English and Mathematics is one year in advance of the standard of Junior Matriculation; but candidates who pass the Junior Matriculation in English and Mathematics may enter classes of the Arts Faculty that qualify them for the Engineering Matriculation in these subjects.

I. JUNIOR MATRICULATION

The Junior Matriculation Examination will be held at the College, and at such other places as the Senate may appoint, on September 6th to 9th, 1911.

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.

*N. B.—On and after September, 1912, subject 6 will include Elementary Trigonometry up to the end of the solution of right-angled triangles. The work in Euclid Books V and VI will not be required. In Nova Scotian schools the prescribed Trigonometry is covered by the work given under the head of "Practical Mathematics" in Grade XI.

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 and 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 books prescribed are: Caesar, *Gallic 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 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.

[1912-13:—Enault, *Le Chien du Capitaine*; Perret, *The Matriculation French Reader* (W. B. Clive), prose selections only; questions on grammar as in Fraser and Squair's French Grammar to the end of section 344, with exercises; 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.—*Language*: Grammar, analysis, parsing. *Composition*: An essay on one of several set subjects to be drawn from:—Macaulay, *Warren Hastings*; Shakspeare, *Merchant of Venice*; Longfellow, *Evangeline*; Scott, *The Lady of the Lake*.

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.—For 1911: Euclid, Books I, II, III, IV. Definitions of Book V, Book VI, first 19 propositions, or their equivalents. For the work prescribed for 1912 see footnote, p. —.

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 Matriculation examination, a certificate stating that the candidate has passed the Preliminary Law examination in

*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.

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. 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) *Additional work in the language selected as subject 1*

REQUIREMENTS IN EACH SUBJECT.

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

ADDITIONAL FRENCH.—Mérimeé, *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.).

ADDITIONAL GERMAN.—Schiller, *Wilhelm Tell*; Baumbach, *Der Schwiegersohn* (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: *Evangeline*; 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,

* 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.

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 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.

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, or their equivalent.)

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

CERTIFICATES EXEMPTING FROM EXAMINATION.

The certificates enumerated above (p. 12) that entitle a candidate to exemption from the Junior Matriculation examination also entitle to exemption from this examination in the following subjects: The language chosen as subject 1, History and Geography, Latin, and Greek.

Candidates who hold the following licenses, diplomas or certificates, are exempted from the above examination in such of the remaining subjects of the examination, namely, English, Algebra, Geometry, Trigonometry, and the language chosen as subject 7 (c), as 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 (in English and French or German.)

*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.)

Admission to Advanced Standing

Students looking forward to a course for a degree in Arts or Science who present any of the certificates specified below 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 student 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. Students 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 certificates to which these provisions apply are the following:

- * (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 subject.)

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.

* The standard required in the certificate 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.)

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 31st, 1911; in the Faculty of Law, on Tuesday, October 17th, and in the Faculty of Arts and Science, on Tuesday, September 5th. It will end in all Faculties on Thursday, April 25th, 1912.

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 Friday of the week preceding Christmas day, and the Spring term, from the second 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 worship during the session. Intimation will be made to the various clergymen of the city of the names and addresses of the students who have chosen their respective places of worship.

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

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.

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) Physics 1, Biology 1, *or* Geology 1.
- (v) One class in each of the following: History, Philosophy, Mathematics, Chemistry.
- (vi) Eight other classes, selected from the following list:

Latin,	Keltic,	Astronomy,
Greek,	History,	Physics,
Biblical Literature,	Political Economy,	Chemistry,
French,	Philosophy,	Mineralogy,
German,	Education,	Geology,
English,	Mathematics,	Biology,

CHOICE OF ELECTIVE CLASSES.

Latin 1, Greek 1, French 1, or German 1, is not recognized as part of a course for a degree unless the corresponding second class is subsequently taken.

Chemistry 4 is only recognized as a class for a degree in Arts provided the classes of Group D (see "Affiliated Courses" below) are also 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 Monday, September 25th, 1911.

AFFILIATED COURSES.

An undergraduate looking forward to the study of Divinity, Law, Medicine, or Engineering, may offer one of the following groups in place of three of the eight electives required above:

For Divinity: A.—Hebrew, New Testament Greek, Biblical Literature.

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

For Medicine: C.—Anatomy, Practical Anatomy, Histology.

For Engineering: D.—Drawing 1, Drawing 2, Surveying, Kinematics.

Undergraduates who have passed in the classes of group B. 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 1 and Physics 1B in addition to group C, may afterwards take a degree in Medicine at this University in four years; and if their Arts course has also included Chemistry 3, and they have taken Senior Anatomy and Physiology 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 the subjects of group D in addition to the following: Mathematics 3 and 4, Mechanics, Physics 1A and 6, Chemistry 4, Geology 2, French 1 or German 1.

ORDER OF CLASSES.

The classes of a course may be taken in any order subject to the regulations regarding Order of Classes (page 37). The following schedule in which the classes are arranged in years shows the order recommended for undergraduates not taking the affiliated courses:

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.)
3. English 1.
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

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

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

2. History 1.
3. Physics 1, or 1A, or 1B, or Geology 1, or Biology 1.
- 4—10. Eight other classes selected from the subjects specified on page 21.

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, Physics, Chemistry, Drawing.
- (iv) Ten 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, Physiology.

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 21).

Lists of the elective classes chosen must be submitted for approval no later than Monday, September 25th 1911.

AFFILIATED COURSES.

An undergraduate looking forward to the study of Engineering or Medicine may offer one of the following groups instead of three of the electives required from group A. above:

For Engineering: D.—Drawing 2, Surveying and Kinematics.

For Medicine: E.—Anatomy, Practical Anatomy, Histology.

An undergraduate who elects group D. and also includes in his Science course the other classes common to it and the Preliminary course in Engineering, may complete a subsequent course in Engineering in two years, provided he takes Shop-work as an additional class.

Students registered as undergraduates in Medicine whose course in Science has included Biology 1 and Physics 1B may complete a subsequent course in Medicine in four years; and if their Science course has also included Chemistry 3 and Physiology, and they have taken Senior Anatomy as an additional class, they may complete a subsequent course in Medicine in three years.

ORDER OF CLASSES.

The classes of the above course may be taken in any order subject to the regulations regarding Order of Classes (page 37). The following schedule in which the classes are arranged in years shows the order in which it is recommended that they be taken.

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 or Physics 1, or 1B.
5. One class in any of the following subjects:—Mathematics, Chemistry, Geology or Biology.

Third and Fourth Years

1. French or German.

2—10. Nine classes, selected from the subjects in the following groups, so that at least one class shall be chosen

†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.

from each group, and not more than four from groups B. and C. taken together.

	A.	B.	C.
Mathematics,	Mineralogy,	Political Economy,	English,
Physics,	Astronomy,	Philosophy,	French,
Chemistry,	Biology,	Education.	German.
Geology,	Physiology.	History,	

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

D.—Drawing 2, Surveying, Kinematics.

E.—Anatomy, Practical Anatomy, Histology.

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. (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 of the ordinary course in Arts, and if an undergraduate in Science, from any of the subjects 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*. Jonson: *The Alchemist, Every Man in His Humor*. Beaumont and Fletcher: *Philaster, The Knight of the Burning Pestle*. Massinger: *A New Way to Pay Old Debts*. 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) or English 5 (E) 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 1A.

Undergraduates taking the Honour course in Pure and Applied Mathematics are recommended to take German and Mechanics in their first and second years, and Physics 1A, 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. 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.

Problems in Mathematical Physics given in Physics 4 or appointed for private reading. The solution of these problems involves the use of Analytical Geometry, Calculus, Differential Equations and Vector Analysis.

VII. MATHEMATICS AND PHYSICS

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

Undergraduates taking the Honour course in Mathematics and Physics are recommended to take German and Mechanics in their first year, and Physics 1A and 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, and Chemistry 2; and in their fourth year one Advanced class in Mathematics, Physics 3 or 2, and Physics 4, 5 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) A general acquaintance with the methods applicable in different classes of investigation as in Glazebrook and Shaw's *Practical Physics*, or Stewart and Gee's *Elementary Practical Physics*; (b) The treatment of observations and the discussion of the accuracy of experimental results, as in Holman's *Precision of Measurements*; (c) The relation of theory to research, as exemplified by papers of classic interest, or by recent development in Physics.

VIII. CHEMISTRY AND CHEMICAL PHYSICS

PRELIMINARY CLASSES.—Chemistry 1A and 2, Physics 1B, 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, Physics 1B, Chemistry 1A and Chemistry 2 in the first and second years; and Physics 2, 3, 5 and 8, 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 8, 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.) and Walker's *Introduction to Physical Chemistry*.

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 Chem-*

istry, translated by McGowan (Blackie & Son, Van Nostrand); and some present day problems of Organic Chemistry as in Lachmann'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 Woehler, *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, the conduction of electricity through gases, and the theory of solutions, radio-activity, the theory of heat, electrolysis, and the wave theory of light.—The discussion of the degree of accuracy of experimental results.

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 38) 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

*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 Dean.

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.

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 Fugue 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:—

Prelude and Fugue in E minor	<i>Mendelssohn.</i>
C. Major Sonata (Waldstein)	<i>Beethoven.</i>
A $\frac{3}{4}$ major Polonaise	<i>Chopin.</i>
D $\frac{3}{4}$ 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 Secretary of the Faculty of Arts and Science at least one month before the time at which the candidates expect to be examined.

Preliminary Courses in Engineering

The following preliminary course is 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. This course corresponds to the requirements prescribed for admission to the courses for a degree in Engineering in the Nova Scotia Technical College. It extends over two years and covers 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 this course 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 (p. 47, et seq.)

UNIFORM COURSE FOR ALL BRANCHES OF ENGINEERING

FIRST YEAR

	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	10
Drawing 2 (Descriptive Geometry)	1	2
Shop-work.		

SECOND YEAR

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

General Regulations

MATRICULATION.

Candidates for a degree must pass the Matriculation examination (pp. 10-14), 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 immedi-

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

ately 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.

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 (p. 47, 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; during the second term students shall not be allowed to continue in more than two of the classes in which they have failed at the Christmas examinations.

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 examina-

tion 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.

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. 45.

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.

*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 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 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, or by a combination of these (certificate supplemented by examination). 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 1911, and probably in 1912, has been granted to the Prince of Wales College, Pictou Academy, Truro Academy, Halifax Academy, Sydney Academy, the New Glasgow High School. To the following the privilege is also given, viz. :— in 1911, Amherst Academy, Guysboro Academy, North Sydney High School, Shelburne or Liverpool Academy, Stellarton or Oxford High School, Bridgewater or Parrsboro High School; in 1912, 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.	1913.....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.
1908-10.....	H. J. CREIGHTON, M. A.
1910.....	C. C. WALLACE, B. Sc.

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 therefore 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.

*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.

**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 September 25th, fee for each class added or substituted	1 00

**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 September 25th, 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. If a student is compelled to withdraw from college before December 1st through illness or for some other approved reason, one-half of his fees will be refunded.)

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. [1912-13.] *Mondays and Wednesdays, 12 M.—1 P. M.*Tacitus, *Histories*, Book I; Horace, *Selected Satires*; *Tacitus, *Histories*, Book II; *Vergil, *Bucolics*. Latin Prose Composition. Exercises in Sight Translation.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, *De Rerum Natura*, Book III. Latin Prose Composition. Exercises in Sight Translation.BOOKS RECOMMENDED: Plautus, *Trinummus*, (Fairclough's, Macmillan, Toronto, 60 cents). Juvenal, (Hardy's, Macmillan, \$1.25). Tacitus, *Germania*, (Church and Brodribb's, Macmillan, 50 cents). Tacitus, *Annals*, Books I-IV, (Furneaux's, Oxford University Press, 5s.). Lucretius, Book III, (Duff's, Cambridge University Press, 2s.).

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

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). Those who reach a sufficiently high standard in the class examinations may be exempted from a part or even from the whole of the Matriculation examination in this subject.

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*. J. H. Moulton, *Introduction to N. T. Greek*; Hammond or Lake, *Textual Criticism of the New Testament*; Matthew, *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.

Tuesdays, Thursdays, Fridays and Saturdays. 8.45 A. M.

The class and examinations in Hebrew, conducted by Professor H. A. Kent, M. A., 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 aim of this class is to enable students to read any of the narrative parts of the Hebrew Scriptures. The first part of the session is devoted entirely to thorough study and practice of the language. After the Christmas vacation two days a week are devoted to grammar and composition and two days to reading of Genesis, Samuel, Kings and other books.

TEXT BOOKS: Kittel's, *Biblia Hebraica*, or *Hebrew Bible*, issued by B. and F. B. Society. Davidson's, *Hebrew Grammar*.

BOOKS RECOMMENDED: Fagnani, *Primer of Hebrew*. Gesenius-Kautzsch, *Hebrew Grammar*, (trans. by Collins & Cowley). Brown-Briggs-Driver, *Hebrew Lexicon*.

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.

*Candidates for matriculation in French who pass in this class will receive credit for part of the matriculation requirement.

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

Sandeau, *Sacs et Parchemins* (Macmillan & Co.); Corneille, *Le Cid* (Holt & Co.); Bazin, *Contes Chosis* (D. C. Heath & Co.). Weekley and Wyatt, *Tutorial French Syntax*. Exercises in Composition and Sight Translation. Additional for Distinction: Gréville, *Dosia* (Heath & Co.); Augier et Sandeau, *Le gendre de M. Poirier* (American Book Co.).

2. *Tuesdays and Thursdays, 9—10 A. M.*

Corneille, *Polyeucte* (Pitt Press); Bazin, *Les Oberlé* (Holt & Co.); Taine, *Slections* (Blackie & Son). French Prose Composition, Conversation, Dictation. Weekley's *Primer of French Literature*.

Additional for Distinction: Hugo, *Selections in Prose and Verse*, *Heranani* (Holt & Co.).

3. [1913-14.] *Tuesdays and Thursdays, 9—10 A. M.*

Delavigne, *Louis XI*; Warren, *French Prose of the XVIIth 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).

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

Bazin, *Les Oberlé*; Corneille, *Polyeucte*; Taine, *Selections*; Advanced French Prose Composition (Spiers), Conversation. Duval, *Histoire de la Littérature française*. Additional for Distinction: Hugo, *Selections*, *Hernani*; Moliere, *Tartuffe*.

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 Schwiegersonn* (Holt & Co.). German Syntax (von Jagemann). Prose Composition (Pope). Exercises in Sight Translation.

Additional for Distinction: Storm, *Auf der Universität*. 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*.

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; Filedd na Coille*. In the Senior division they are Macintyre's *Gaidheal, Laoidh Oisín air Thír nan Og*, 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, *Two Dogs*, *Cotter's Saturday Night*.

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

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

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 V.*, *Twelfth Night*, *Macbeth*. 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*.

Candidates for Class Distinction will be examined in the following plays which are not read in class: *Henry IV. Part 1*, *Tempest*, *Romeo and Juliet*.

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.

(Not given in 1911-12.)

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."

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

(Not given in 1911-12.)

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*, *Kubla 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*.

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.*

LITERATURE.—Nineteenth Century. Tennyson, *The Lady of Shalott*, *Cenone*, *Lotos-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*).

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.*

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.*

(Not given in 1911-12.)

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.....

HISTORY.

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

Mediaeval 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.

Tuesday, Thursday and Saturday, 10—11 P. M.

Text Books: James, *Outlines of Psychology*.
Titchener, *Textbook of Psychology*.
Creighton, *Introductory Logic*.
Keynes, *Formal Logic*.
Fowler, *Inductive Logic*.
Jones, *Logic*.

2.—HISTORY OF GREEK PHILOSOPHY.

[1911-12]. *Tuesday and Thursday, 9—10 A. M.*

Text Books: Rogers, *Students' History of Philosophy*.
Davis and Vaughan, *Republic of Plato*.
Church, *Apology, Crito and Phaedo*.
Wallace, *Outlines of Aristotle's Philosophy*.
Caird, *Evolution of Greek Philosophy*.

3.—ETHICS.

[1911-12]. *Monday and Wednesday, 2—3 P.M.*

Text Books: Dewey and Tufts, Ethics.
Sedgwick, History of Ethics.
Sedgwick, Method of Ethics.

4.—SOME RECENT TENDENCIES IN PHILOSOPHY.

[1911-12]. *Monday and Wednesday, 3—4 P.M.*

5.—ADVANCED LOGIC.

[1912-13]. *Two hours weekly.*

Text Books: Mill, System of Logic.
Venn, Empirical Logic.
Venn, Logic of Chance.

6.—METAPHYSICS.

[1912-13.] *Two hours weekly.*

Text Books: Calkins, Persistent Problems of Philosophy.
Paulsen, Introduction to Philosophy.
Jerusalem, Introduction to Philosophy.

7.—HISTORY OF PHILOSOPHY FROM DESCARTES.

[1912-13.] *Two hours a week.*

Text Books: Descartes, Method and Meditation.
Caird, Spinoza (Blackwood Series).
Fraser, Berkeley (Blackwood Series).
Paulsen, Kant.
Caird, Hegel (Blackwood Series).
Seth, Kant to Hegel.
Abbott, Kant's Ethics.

XII.—MATHEMATICS

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

1. Tuesday, Thursday and Saturday, 11 A.M.—12 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. Tuesday and Thursday, 12—1.

Pre-requisite: Mathematics, 1.
Analytic Geometry.

4. *Monday, Wednesday and Friday, 11-12.*

The hour of meeting will be arranged, if possible, to suit all those wishing to take the course.

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.

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.**

XIII.—ASTRONOMY

Lecturer.....PROFESSOR C. D. HOWE

1. **DESCRIPTIVE ASTRONOMY.**—*Two hours a week through the year.* (The course will be given in 1911-12 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*.

XIV.—PHYSICS

(George Munro Professorship.Q)

Professor.....HOWARD L. BRONSON, Ph. D.

Demonstrator.....H. S. DAVIS, B. A.

LECTURE COURSES.

MECHANICS :—*Even Yearly—Tuesday and Thursday, 11—12.*

Pre-requisites :—Junior Matriculation Mathematics.

This course gives an elementary treatment of kinematics and dynamics and of the general properties of solids, liquids and

gases. Special attention is paid to the solution of problems, all students being required to hand in papers for correction and criticism.

The course is primarily intended for Engineering students and for those students in Arts and Science who desire more Physics than is given in Physics 1 or 1B. It *must* be taken by all students intending to take honors in Mathematics or Physics.

1. GENERAL PHYSICS.—*Given Yearly. Mondays, Wednesdays and Fridays, 9—10 A.M.*

Pre-requisites: Junior Matriculation Mathematics.

The object of this course is to give the minimum acquaintance with Physical Science requisite for a liberal education to those whose studies will be mainly literary. The lectures are 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. The whole subject of Experimental Physics is taken up, the subjects treating being: Kinematics, Dynamics, Properties of Matter, Sound, Heat, Electricity and Magnetism, Light and other forms of Radiation.

Those who aim at Distinction or intend to take Physics 2 or 3 must take Course 1 A or 1 B.

BOOKS RECOMMENDED: Cahart, *College Physics*.

1B. The work of this class is that of Physics 1, with two additional hours a week devoted to laboratory work. The laboratory class is divided into two sections, one of which meets on Thursdays from 11-1 and the other on Fridays from 2-4.

The experiments selected for this course are designed to acquaint the student with the methods and instruments used in physical measurement. They will also assist him in grasping that part of the subject which is taught in the lectures.

This course should be taken by those intending to enter medicine.

1A. GENERAL PHYSICS.—*Given Yearly. Mondays, Wednesdays and Fridays, 12—1.*

Pre-requisites: Mechanics and Mathematics 1.

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.

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: Wright's, *Heat*; S. P. Thompson, *Electricity and Magnetism*; Nichols & Francklin, *Light and Sound*.

2. ELEMENTARY MATHEMATICAL—HEAT AND ELECTRICITY. *Given in Alternate Years. To be given in 1912-13. Tuesdays and Thursdays, 9—10 A.M.*

Pre-requisites: Mathematics 4, Physics 1A or 1B.

BOOKS RECOMMENDED: Thompson, *Elements of the Mathematical Theory of Electricity and Magnetism*; S. P. Thompson, *Lessons on Electricity and Magnetism*; Preston, *The Theory of Heat*.

3. ELEMENTARY MATHEMATICAL—LIGHT AND SOUND—*Given in alternate years. To be given in 1911-12. Tuesdays and Thursdays, 9—10 A.M.*

Pre-requisites: Mathematics 4, Physics 1A or 1B.

Students aiming at Distinction will be examined on Private reading to be assigned to 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*; Woods, *Physical Optics*.

4. ADVANCED MATHEMATICAL.—*Given in alternate years. To be given in 1912-13.*

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.

5. EXPERIMENTAL METHODS.—*Given yearly.*

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. 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 and Wednesdays, 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*.

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

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 may be allowed to conduct

new investigations, provided they do not use for that purpose a large portion of the time prescribed.

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.

XV.—CHEMISTRY

(*McLeod Professorship.*)

Professor.....	E. MACKAY, PH. D.
Instructor.....	C. B. NICKERSON, A. M.
Assistant.....	G. L. KEELER.

The syllabus of the classes prescribed for candidates for a degree in Medicine or Dentistry, namely, CHEMISTRY 1B, 3, and 3B, will be found under "Courses of Instruction" in the Faculties of Medicine and Dentistry. Of these classes Chemistry 3 may also be offered for a degree in Arts or Science.

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 alkalies; 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*, For occasional reading: *Alcemic Club Reprints*; 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, 2.30—5 P. M.*

For admission to this class Chemistry 1 A, 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*; A. A. Noyes, *Qualitative Analysis*; Remsen, *Compounds of Carbon*, 4th edition.

4. ENGINEERING CHEMISTRY.—*Autumn Term: Tuesdays and Thursdays, 9—10 A. M. Laboratory: Tuesdays and Thursdays, throughout the Session, 2.30—5 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*. For reference: Talbot and Blanchard, *Electrolytic Dissociation Theory*.

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 Disinction 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*; Shenstone, *Justus von Liebig*; Thorpe, *Essays on Historical Chemistry*; Schorlemmer, *Rise and Progress of Organic Chemistry*; and selected memoirs from the *Alembic Club Reprints and Oswald's Klassiker*. For reference: Ernst von Meyer, *History of Chemistry*.

6. PHYSICAL CHEMISTRY.—(1912-13). *Once a week.*

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

BOOKS RECOMMENDED: Walker, *Introduction to Physical Chemistry*; LeBlanc, *Electro-Chemistry*; selected portions of Ostwald's *Principles of Inorganic Chemistry*. For reference: *Text Books of Physical Chemistry*, edited by Ramsay.

LABORATORY CLASSES.

7. QUANTITATIVE ANALYSIS AND INORGANIC PREPARATIONS.—*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 alkalis, 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 Preparations*; Talbot, *Quantitative Analysis*; Morse, *Exercises in Quantitative Chemistry*; Blair, *Chemical Analysis of Iron*; Mason, *Examination of Water*.

8. ORGANIC PREPARATIONS AND ANALYSIS.—*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: Reimsen, *Compounds of Carbon*, 4th edition, Cohen, *Practical Organic Chemistry for Advanced Students*; Gatterman, *Practical Methods of Organic Chemistry*, translated by Schober.

9. The work of this 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.

XVI.—GEOLOGY AND MINERALOGY

Lecturer.....D. S. MCINTOSH, M. Sc.

1. GENERAL GEOLOGY.—*Lectures Mondays, Wednesdays and Fridays, 10—11 A. M. Excursions and Laboratory Friday afternoons.*

The lectures will consist of a general survey of the whole field of Geology. The chief rock-forming minerals, and the common igneous rocks will be discussed early in the course. A large part

of the course will be devoted to Dynamical and Structural Geology. Historical Geology will deal mainly with the North American Continent, tracing its development, and that of life upon it, from early times to the present day.

During the early part of the Autumn term excursions will be made to points of interest around Halifax on Friday afternoons. This will be succeeded later in the term by laboratory work of an hour or more on these afternoons during the rest of the session.

This course is elective for candidates in Arts and Science.

TEXT BOOK: Scott, *An Introduction to Geology*.

REFERENCE BOOKS: Chamberlin and Salisbury, *College Geology*; Dawson, *Handbook of Canadian Geology*; LeConte, *Elements of Geology*.

2. The work of this class embraces the lectures of Geology 1, with additional field and laboratory work. The field and laboratory work occupies Saturday afternoons throughout the Session, beginning at nine o'clock. Excursions are held during the Autumn except on stormy days, and may occupy the whole day.

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

The collection of maps, minerals and rocks for use in Geology 2 is unusually complete, and the work is chiefly 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.

TEXT AND REFERENCE BOOKS: See Geology 1.

3. *Lectures two hours a week.* This course embraces A, B and C and requires as pre-requisite Geology 1 or Geology 2.

A. Petrography.—The classification and description of rocks will be introduced by a discussion of the methods employed in the study of them.

An afternoon a week during the session will be devoted to the microscopical study of rock sections.

B. Canadian Geology.—The Geology and economic resources of the Dominion.

C. Economic Geology.—The nature, mode of occurrence and distribution of economic minerals.

REFERENCE BOOKS: Ries, *Economic Minerals of the United States*; Kemp, *Ore Deposits of the United States and Canada*.

MINERALOGY.—*Two lectures and three hours' laboratory work throughout the Session.* The ground covered includes crystallography and general physical mineralogy and the determination of about 200 species of minerals.

Elective for candidates in Arts and Science.

Where time of lectures and laboratory periods is not specified, an effort will be made to make the time suit the convenience of those wishing to take the class.

XVII.—BIOLOGY

Professor CLARENCE L. MOORE, M. A.

BIOLOGY 1.—General Biology.—*Lectures one hour per week; laboratory four hours per week.*

The aim of this course is to acquaint the student with some of the more important biological facts and theories and results of biological work; also to serve as an introduction to biological

methods. It includes a general survey of the plant and animal kingdoms and the discussion of topics of fundamental biological importance, eg. protoplasm, cell and cell structure, reproduction, inheritance, variation, adaptations, evolution, etc.

BIOLOGY 2.—General Zoology.—*Lectures two hours per week; laboratory four hours per week.*

Pre-requisite: Biology 1.

TEXT: Hertwig's *Manual of Zoology.*

BIOLOGY 3.—General Botany.—*Lectures two hours per week; laboratory four hours per week.*

Pre-requisite—Biology 1.

BIOLOGY 4.—Comparative Anatomy of the Vertebrates. *Lectures one hour per week; laboratory four hours per week.*

Pre-requisite: Biology 2.

TEXT: Wiedersheim's *Comparative Anatomy of Vertebrates.*

XVIII.—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.

XIX.—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.

XX.—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.

XXI.—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.

XXII.—DRAWING

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

MECHANICAL, FREEHAND AND MACHINE DRAWING.—*Lectures one hour and drawing nine 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.

TEXT: Adams' *Mechanical Drawing*.

2. DESCRIPTIVE GEOMETRY.—*Lectures. two. hours. per week, drawing five 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 Engineering students

TEXT: Adams' *Descriptive Geometry*.

XXIII.—SURVEYING

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

Lectures three hours per week, field work six hours per week first term, drawing six 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, and stadia surveying. The work includes theory, practice in field work and plotting, and conventional representation of topographical features.

Required of all students in Engineering.

TEXT: Breed & Hosmer's *Principles and Practice of Surveying*.

XXIV.—KINEMATICS OF MACHINES

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

Lectures two hours per week throughout the year.

The work includes constrained motion, kinematic pairing, velocity and acceleration in mechanisms, analysis of simple mechanisms, including the quadric crank chain, slider crank chain, and various wheel trains, and the design of involute and epicycloidal wheel-teeth.

Required of all students in Engineering.

TEXT: Schwamb & Merrill's *Mechanism*.

Faculty of Law.

THE PRESIDENT.

R. C. WELDON, PH. D., K. C. H MCINNES, LL. B., K. C.
HON. B. RUSSELL, D. C. L., J. S. C. W. B. WALLACE, LL. B., J. C. G.
HON. A. DRYSDALE, J. S. C. W. F. O'CONNOR, B. C. L., LL. B.
G. PATTERSON, A.M., LL.B., J.C.C. THOS. R. ROBERTSON, B.A., LL.B., K.C.
STUART JENKS, K. 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 1911-12, will begin on the 18th Oct., 1911, and end on the 10th April, 1912.

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: Foote'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, [1912-13]:

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., K. C.

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.

One lecture a week.

CROWN RULES

LecturerMR. T. R. ROBERTSON, B. A., LL. B., K. C.

TRUSTS

Lecturer.....MR. STUART JENKS, K. C.

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. | 6. Crown Rules. |

Second Year

- | | |
|----------------------------|--------------|
| 1. Equity. | 5. Shipping. |
| 2. Partnership. | 6. Wills. |
| 3. Negotiable Instruments. | 7. Evidence. |
| 4. Constitutional Law. | |

Third Year

- | | |
|-----------------------|--------------------------------|
| 1. International Law. | 5. Sales of Personal Property. |
| 2. Conflict of Laws. | 6. Companies. |
| 3. Evidence. | 7. Trusts |
| 4. Equity. | |

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 April 11th, 1912.

(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 or end 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 October 10th, 1911.

(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 October 17th, 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 in the Law School.

Faculty of Medicine

Preliminary Statement

In accordance with an agreement between the Governors of Dalhousie University and the Corporation of the Halifax Medical College, the work of the latter institution has been discontinued and instruction in all subjects of the medical curriculum will henceforth be given by the University.

By an arrangement between Dalhousie University and the Provincial Medical Board of Nova Scotia, the Professional examinations are conducted conjointly by the University and the Board, and hence candidates may qualify at the same time for their academic degrees and the license of the Board. Students who look forward to practising in some other province are reminded that they must conform to the regulations prescribed by the Medical Board or Council of that province. Official information relative to the regulations for license to practise in the various provinces may be obtained from the Registrars of the Provincial Medical Boards or Councils. The names and addresses of the Registrars of the Medical Boards for the Maritime Provinces and Newfoundland are as follows:

Nova Scotia—DR. A. W. H. LINDSAY, Halifax.

New Brunswick—DR. STEWART SKINNER, St. John.

Prince Edward Island—DR. S. R. JENKINS, Charlottetown.

Newfoundland—DR. H. RENDALL, St. John's.

The General Medical Council of the United Kingdom admits graduates in Medicine of Dalhousie University who are at the same time duly registered in the Medical Register of Nova Scotia to the privilege of registration in the Colonial List of the British Medical Register. Such graduates thereby become entitled to the same privileges as persons registered in the regular Home Register. These privileges include the right to practise in Britain and in certain British colonies and other countries; also

admission to the army and other medical services. Graduates of Dalhousie University are accordingly eligible for nomination under the following Militia Order:

"The Imperial Army Council has intimated that two commissions in the Royal Army Medical Corps will be granted annually to candidates who have qualified in the Medical Schools of Canada."

For information relative to registration in the Colonial List of the British Register application should be made to the Medical Registrar of Nova Scotia. Information with regard to the Army Commissions will be furnished on application to the Militia Headquarters of the nearest Command or District.

Equipment

In addition to the University laboratories of Biology, Physics and Chemistry, the equipment of the first of which has recently been largely increased through the generosity of James H. Dunn, Esq., of London, the University now controls the laboratories of Anatomy and Histology of the Medical School; suitable equipment is being provided for laboratory work in Physiology; and the new laboratory of Pathology and Bacteriology, about to be established by the Hospital Commission in connection with the Victoria General Hospital, will, when completed, be available for the use of medical students and will afford superior facilities for both elementary and advanced study of these subjects.

As a result of a very satisfactory Anatomy Act, there is an ample supply of material for dissection and for Operative Surgery. In addition to mounted skeletons, there is a large supply of disarticulate bones, which are loaned to students free of charge for study at home.

The clinical advantages enjoyed by students in Halifax are exceptionally good owing to arrangements by which students are freely admitted for purposes of clinical instruction to the wards of the Victoria General Hospital, the Children's Hospital, the Lying-in and Hospital wards of the City Home, and the Nova Scotia Hospital for mental diseases. The three first-named institutions adjoin the University grounds.

The Victoria General Hospital, which accommodates 170 patients, affords admirable opportunities for the observation and study of the more acute and serious forms of disease. In its special wards, diseases of women and children, skin diseases and diseases of the eye, ear, throat

and nose are clinically studied. In the Hospital wards of the City Home, near by, are found the more chronic and incurable forms of disease; while in the Lying-in wards of the same institution, students are afforded facilities for acquiring experience in Practical Obstetrics.

In the Nova Scotia Hospital, accommodating 430 patients, students are able to study clinically the various forms of mental and nervous diseases.

Besides the above institutions, the Visiting Dispensary, which is open daily, provides the opportunities for observation and study commonly afforded by the out-patient department of hospitals. Clinical instruction is also given here in the diseases of the eye and ear.

It is expected that as the erection of the new University buildings at Studley progresses, additional accommodation will be provided for medical teaching in the present University building.

General University Regulations

University regulations applicable to the students of all Faculties and relating to registration, residence, church attendance, discipline, conduct of examinations, etc., will be found in the University Calendar, pp. 16-19.

Degrees

Two medical degrees are conferred 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.

Academic Year

The Academic Year consists of one session of eight months' duration. The session of 1911-12 will begin on Thursday, August 31st, 1911, and end on Thursday, April 25th, 1912.

Admission

Students are admitted to classes either as Special students without formal examination, or as Matriculants, or Undergraduates.*

* An Undergraduate is defined as a candidate for a degree who has passed in all, a Matriculant one who has passed in at least three subjects of the Preliminary or Matriculation examination. All other students are classed as Special students. (See University Calendar, page 9.)

Subject to the University regulations for the admission of students (see University Calendar, page 9), a Special student or a Matriculant may be admitted to classes in this Faculty, but his attendance is not recognized as qualifying for a degree.

Matriculants, however, who have passed in all but one subject of the Matriculation or Preliminary examination and have obtained in this subject a mark of at least 25 per cent., are admitted to the course for medical degrees as if they had undergraduate standing; but they are required to complete their Matriculation before being admitted to the second year of the course.

All undergraduates are admitted to the full work of the first year of the course for medical degrees. For admission to the classes of the second or any higher year an undergraduate must have passed in all the subjects of the preceding year. Undergraduates, however, taking affiliated courses in Medicine (see University Calendar, pp. 21-24) are admitted to those classes of the second year that form part of their course, without having completed the first year, provided they have passed in those subjects of the first year included in the affiliated course.

All students are required to enter their names in the University Register before entering any class (See "Registration" University Calendar, p. 16).

Students registering after Tuesday, September 19th, are required to pay an additional fee of One Dollar.

Matriculation

Candidates for medical degrees must present certificates

- (a) Of having passed either the Junior Matriculation examination with Latin as one of the languages selected (University Calendar, pp. 10-12), or the Preliminary examination of the Provincial Medical Board of Nova Scotia, or some other examination recognized by the Board as equivalent*;
- (b) Of having completed their sixteenth year before the passing of such examination.

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

* 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, 319 Pleasant Street, Halifax.

Except as indicated under "Admission" above, only candidates who have completed their Matriculation can enter upon the course of study for a medical degree.

Curriculum*

The course for the degrees of Doctor of Medicine and Master of Surgery extends over five years. Detailed information regarding the classes included in it will be found under Courses of Instruction (pp. 84-92). The course is as follows:

First Year

Anatomy 1.	Chemistry 1B
Practical Anatomy.	Physics 1B
Biology 1.	Histology.

Second Year.

Anatomy 2.	Physiology 1.
Practical Anatomy.	Physiology 3.
Chemistry 3.	Practical Materia Medica.

Third Year.

Chemistry 3B.	Practical Surgery.
Materia Medica.	Medicine 1.
Pathology 1.	Practical Medicine.
Pathology 2.	Obstetrics 1.
Surgery 1.	Dispensary.

Fourth Year.

Surgery 2.	Medical Jurisprudence.
Clinical Surgery.	Therapeutics.
Medicine 2.	Hygiene.
Clinical Medicine.	Post Mortems.
Obstetrics 2.	Hospital.
Practical Obstetrics.	

Fifth Year.

Anatomy 3.	Skin Diseases.
Operative Surgery.	Eye, Ear, Nose and Throat
Clinical Surgery.	Diseases.
Clinical Medicine.	Dressing.
Clinical Obstetrics.	Clerking.
Practical Obstetrics.	Vaccination.
Clinical Gynæcology.	Post Mortems.
Clinical Pædiatrics.	Hospital.
Mental Diseases.	

*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, 1912 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.

Regulations for Degrees

In addition to the Matriculation or Preliminary examination, candidates for degrees are required to pass five Professional examinations, one at the end of each year of the course, on the dates set in the University Almanac. The requirements in each subject are covered by the work of the class or classes in that subject specified under Courses of Instruction, pp. 84-92. The examinations are arranged as follows:

FIRST PROFESSIONAL EXAMINATION.

One paper in each of the following subjects: Anatomy, Biology, Chemistry, Physics, Histology.

SECOND PROFESSIONAL EXAMINATION.

One paper and an oral examination in each of the following: Anatomy, Physiology including Histology; and one paper and a laboratory examination in Chemistry.

THIRD PROFESSIONAL EXAMINATION.

One paper and an oral examination in (*a*) *Materia Medica*, and (*b*) Pathology and Bacteriology; and one paper and a laboratory examination in Physiological Chemistry.

FOURTH PROFESSIONAL EXAMINATION.

One paper in each of the following subjects: (*a*) Surgery, (*b*) Medicine, (*c*) Obstetrics and Gynæcology, (*d*) Medical Jurisprudence, and (*e*) Therapeutics and Hygiene.

FIFTH PROFESSIONAL EXAMINATION.

A general oral, clinical and practical examination on all the subjects of the fourth and fifth years except Medical Jurisprudence.

PASS AND DISTINCTION LISTS.

The names of candidates successful in the examinations are arranged in the published lists in two divisions, the Pass and the Distinction division. To pass, a candidate must obtain a minimum mark of 40 per cent. in the pure sciences Biology, Chemistry and Physics, and a minimum mark of 50 per cent. in all other subjects. To win Distinction in any subject he must obtain a mark of 75 per cent. or over in that subject. The names in each division of the list are arranged in alphabetical order.

ADMISSION TO EXAMINATIONS.

Candidates for a degree must conform to the following requirements in order to qualify for admission to the Professional examinations:

1. They must have passed the Matriculation or Preliminary examination (except as stated under "Admission," p. 76); and for admission to the Second or any higher Professional examination, they must have passed in all the subjects of the preceding year. Candidates in affiliated courses, however, may be admitted to examination in the subjects of those classes which the regulations for admission permit them to attend as part of their course.

2. They must attend the prescribed classes regularly and punctually. Certificates indicating less than 90 per cent. of attendance upon any class will not be accepted without valid reason for absence being shown.

3. They must prepare such exercises, reports, etc., as may be prescribed, and in the case of classes involving laboratory or practical work, they must complete such work satisfactorily.

4. Candidates for the Final Professional examination will be required to subscribe to the following declaration with regard to their age:

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.

SUPPLEMENTARY EXAMINATIONS.

A candidate who has failed to pass in not more than two subjects of the Professional examination of any year shall be entitled to a Supplementary examination in such subjects, provided he is qualified in attendance and class-work for admission to examination.

A candidate who has failed to pass in more than two subjects of any Professional examination shall be required to repeat his attendance and class work in the subjects in which he has failed, before being again admitted to examination in them.

Supplementary examinations are held on the dates specified in the University Almanac in September, and during the regular Professional examinations in April, but at no other times.

Application for admission to a Supplementary examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the Secretary of the Faculty of Medicine, and must be accompanied by the proper fee. (See p. 83).

EXEMPTIONS.

Candidates may be exempted from *attendance* on one or more subjects of the medical curriculum on presenting certificates

- (a) Of having passed the Matriculation, or an equivalent examination after the completion of their sixteenth year, and before entering upon their medical course;
- (b) Of having attended and performed the required class-work at any medical school or college recognized by the Senate.

Candidates may be exempted from *examination* in one or more subjects of the first three Professional examinations on presenting, in addition to the certificates specified under (a) and (b) above, certificates of having passed equivalent examinations at any medical school or college recognized by the Senate.

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

Candidates for a degree must spend at least one year of study in attendance at Dalhousie University.

SPONSIO ACADEMICA.

Before admission to his degree, a candidate shall be required to sign the following oath or affirmation:—

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.

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 the Second Professional 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.

DR. MACAULAY'S PRIZE.—A prize of Books will be awarded to the student of the First Year, whose work during the session in the Practical Anatomy class shall be accounted most satisfactory.

Fees

Fees are in all cases payable in advance.

The fees payable by students attending all the prescribed classes of the curriculum for any given year, are shown in the following schedule. These amounts include the fees for registration and class tuition and also the requisite fees for admission to the Victoria General Hospital, City Home and Dispensary, but do not include the fees payable for examinations, the fees for which will be found under "Examinations" below:

First Year	\$ 75 00
Second Year	75 00
Third Year	100 00
Fourth Year	100 00
Fifth Year	90 00
<i>Additional Registration Fee, payable by students registering after Tuesday, September 19</i>	<i>1 00</i>

The fees payable by students attending in any given year less than the full number of classes prescribed for that year are as follows:

REGISTRATION.

Registration fee, payable by students taking three or more classes	\$ 5 00
Registration fee, payable by students taking fewer than three classes	3 00
<i>Additional fee, payable by students registering after Tuesday, September 19</i>	<i>1 00</i>

*Four year course.

TUITION.

Anatomy 3, Chemistry 3B, Practical Materia Medica, Practical Surgery, Practical Medicine, Practical Obstetrics, Clinical Obstetrics, Clinical Gynæcology, Hygiene, Mental Diseases, Skin Diseases, Eye Ear, Nose and Throat Diseases, Clinical Pædiatrics, each..	\$ 5 00
Anatomy 2, Chemistry 1B, Physiology 3, Operative Surgery, Obstetrics 2, Medical Jurisprudence, Therapeutics, each	10 00
Anatomy 1, Physiology 1, Histology, Materia Medica, Pathology 1, Practical Pathology, Surgery 1, Surgery 2, Clinical Surgery, Medicine 1, Medicine 2, Clinical Medicine, Obstetrics 1, each	15 00
Practical Anatomy	20 00

EXAMINATIONS.

First Professional or any subsequent Professional examination	\$10 00
Individual subjects, each subject	5 00
Supplementary examinations, each subject	5 00

The fees payable for attendance upon classes a second time shall be in accordance with the above schedule, but the total tuition fee for such classes shall in no case exceed forty dollars.

The amount payable by a candidate for degree who may be completing his course by attendance of only one year at Dalhousie University, shall be in accordance with the above schedule, provided that the amount so payable be in no case less than seventy-five dollars.

COURSES OF INSTRUCTION

I.—ANATOMY

<i>Professor</i>	A. W. H. LINDSAY, B. A., M. D.
<i>Demonstrators</i>	M. A. MACAULAY, M. D., C. M.
	K. A. MACKENZIE, M. D., C. M.

Anatomy will be divided into a Junior and a Senior, or advanced course.

1. The Junior Course is intended for students of the first year. The class will meet three times a week, on Monday, Wednesday and Friday, 12—1 P. M. The main subjects of this course will be Osteology and Arthrology. The general characters, structure, growth and development of bone will be first taken up. The entire skeleton will then be carefully studied, and each bone examined in detail, points of practical interest being especially referred to. In Arthrology the most important joints will be studied. A large supply of bones is kept on hand, and these are freely supplied to students, both in the Practical Anatomy Room and for study at home. In order to secure reasonable care of these preparations, all students are required to deposit \$2.00 on entering college, but this fee will be refunded at the end of the session, on the return in good order, of all specimens which may have been taken out.

2. The Senior Course will include Regional Anatomy, the cavities of the body and contents, the eye, ear, larynx, etc., the brain, spinal cord, etc. Lectures will be illustrated by fresh dissections, plates, diagrams and models. This class will meet twice a week, on Tuesday and Thursday, 12—1 P. M.

TEXT BOOKS: Cunningham, Gray, Gerrish, Quain.

3. APPLIED ANATOMY.—This additional course will consist of lectures and demonstrations of those portions of anatomy which are essential for the understanding of practical medicine and surgery, and is therefore intended for students who are engaged in clinical work. The class will meet twice a week after the Christmas holidays.

PRACTICAL ANATOMY.

Special attention will be given to this branch. The Dissecting Room will be open daily, except Saturday, and will be under the direct supervision of the Professor of Anatomy, assisted by the Demonstrators, one or other of whom, in addition to the Professor, will be present during the two hours while the class is in session every day, so that each student will be frequently examined and assisted during the progress of his dissections.

The course extends over two years, during which the student is required to have dissected each "part" twice.

TEXT BOOKS: Cunningham, Heath, Holden, Ellis.

II.—BIOLOGY

Professor CLARENCE L. MOORE, M. A.

1. GENERAL BIOLOGY.—*Lectures one hour per week; laboratory four hours per week.*

The aim of this course is to acquaint the student with some of the more important biological facts and theories and results of biological work; also to serve as an introduction to biological methods. It includes a general survey of the plant and animal kingdoms and the discussion of topics of fundamental biological importance, e. g. protoplasm, cell and cell structure, reproduction, inheritance, variation, adaptations, evolution, etc.

III.—CHEMISTRY

(McLeod Professorship.)

Professor E. MACKAY, PH. D.

Instructor C. B. NICKERSON, A. M.

Assistant G. L. KEELER.

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 (Calendar Faculty of Arts and Science, p. 61). At least three hours a week must be devoted to laboratory work. This 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; and simple quantitative experiments leading to the fundamental laws of Chemistry are performed.

TEXT BOOK: Smith, *General Chemistry for Colleges*.

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

Students entering this class must have passed in 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; F. M. Perkin, *Qualitative Chemical Analysis*.

3B. Lectures and Laboratory: *Saturdays, 11—12 A. M.*

Students entering this class must have passed in 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.

IV.—PHYSICS

(George Munro Professorship.)

Professor HOWARD L. BRONSON, PH. D.

Demonstrator H. S. DAVIS, B. A.

1B. GENERAL PHYSICS.—Mondays, Wednesdays and Fridays, 9—10 A. M.*Pre-requisite:* Junior Matriculation Mathematics.

The whole subject of Experimental Physics is taken up, the subjects treated being: Kinematics, Dynamics, Properties of Matter, Sound, Heat, Electricity and Magnetism, Light and other forms of Radiation. The lectures are 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.

Two hours a week are devoted to laboratory work. The laboratory class is divided into two sections, one of which meets on Thursdays from 11—1 and the other on Fridays from 2—4. The experiments selected for the course are designed to acquaint the student with the methods and instruments used in physical measurement. They will also assist him in grasping that part of the subject which is taught in the lectures.

BOOK RECOMMENDED: Cahart, *College Physics*.

V.—PHYSIOLOGY

Professor _____

Demonstrators _____

The courses in Physiology and Practical Physiology embrace the study of the minute structure, composition and functions of the tissues and organs of the body.

1. GENERAL PHYSIOLOGY.—The course will consist of seventy-five lectures, and will aim to give students a thorough grounding in Human Physiology, particularly in its relation to practical medicine. A general account will be given of the chemistry and constitution of the Organism. The function of each tissue and organ will be systematically discussed. An account will be given of the minute structure and special physiology of the sense organs and nervous systems. Reproduction and the development of the human embryo will also be considered.

TEXT BOOKS: Halliburton, Stewart, Howell, Starling.

PRACTICAL PHYSIOLOGY.

2. HISTOLOGY.—This course consists of seventy-five lectures and demonstrations in the first year, and includes instruction in the use of the microscope, in the microscopical examination of the various tissues and organs, and in the methods of hardening, staining, cutting and mounting preparations. Every student makes and preserves for himself preparations of most of the tissues and organs of the body. Each student is provided with a microscope and all reagents, but all are required to provide themselves with drawing books, slides, etc.

TEXT BOOK: Schäfer, *Course of Practical Histology*.

3. PRACTICAL GENERAL PHYSIOLOGY.—The ordinary experimental methods of Physiology are studied practically. This course is intended for second year students and will also include advanced Histology not disposed of in the first year. The class will meet twice a week in two hour sessions after Christmas, for fifty hours.

VI.—MATERIA MEDICA

Professor A. F. BUCKLEY, Pharm. L., M. D., C. M.
Demonstrator CHARLES E. PUTTNER, Pharm. D.

MATERIA MEDICA.

This course consists of seventy-five lectures and demonstrations, given in the third year. The official drugs of the British Pharmacopœia will be considered, also such non-official remedies as are considered advisable. As the principal drugs are discussed attention will be drawn to such points relating to their source, appearance, preparation, action, dosage, etc., as are important for students to know in view of their being prescribed. The drugs and their preparations are illustrated as far as is necessary. Great attention will be given to prescription writing and the student will be carefully exercised in this important feature of the work, so as to enable him to produce intelligent and elegant prescriptions.

TEXT BOOKS: Bruce, Wood, Hare, Shoemaker, Potter, Sollman, Dixon.

PRACTICAL MATERIA MEDICA.

This course consists of twenty-five meetings for practical work. Students will be instructed in the process of Pharmacy, and in the Dispensing and Incompatibility of drugs.

This class should be taken in the second year before entering the Materia Medica class.

VII.—PATHOLOGY AND BACTERIOLOGY

Professor M. A. LINDSAY, B. Sc., M. B., CH. B
Demonstrators

This course will consist of:—

1. LECTURES.—A series of lectures three days each week throughout the session on—

General Pathology, and General Pathological Anatomy, under which will be included, (a) The Derangements of Nutrition, Inflammation, Repair, Morbid Growths, etc.; (b) The Bacteriology and Morbid Anatomy of the more important Infective Diseases, and the subject of Immunity; (c) The Life History, Characters, and Pathogenic Effects of the Principal Animal Parasites.

In the latter part of the course the Morbid Anatomy and Histology of the various systems and organs will be studied.

2. LABORATORY WORK.—Classes for practical instruction in Morbid Anatomy, Pathological Histology and Bacteriology, will be carried on throughout the session, meeting on two days each week for two hours. The first part of the session will be occupied in the Histological investigation and preparation of Morbid Structures and Organs, while the latter part will be devoted to Bacteriological Methods.

In addition, demonstrations upon autopsy methods and upon Morbid Anatomy will be given from time to time, and regular instruction will be afforded in the methods of preparing tissues for examination. Students will be expected to assist at autopsies, and to make a complete and methodical examination of tissues removed, and to report upon the same. In this way practical experience will be gained in the technique of laboratory methods, and a series of microscopic preparations acquired.

TEXT BOOKS: Beattie and Dixon, *General and Special Pathology*; Woodhead, *Practical Pathology*; Muir and Ritchie, *Pathological Bacteriology*.

VIII.—SURGERY

Professor	N. E. MACKAY, M. D., M. R. C. S.
Lecturer	PHILIP WEATHERBE, M. B., CH. B.
Demonstrator	L. THOMAS, M. D., M. R. C. S.

1 and 2. The main course will include principles and practice, and will extend over two years. Seventy-five lectures will be given during the third year, and the same number in the fourth year.

3. OPERATIVE SURGERY.—A special course of Operative Surgery will be provided in the final year, in which, while descriptive instruction will be given by the teacher, students themselves, under supervision, will be required to perform operations on the cadaver.

4. PRACTICAL SURGERY.—The application of bandages, splints, and other surgical appliances, the use of instruments and the treatment of emergencies and cases of minor surgery will be taught by Dr. Thomas in the third year.

TEXT BOOKS: *American System of Surgery*, Rose and Carliss. Wharton and Curtiss. *Operative Surgery*: Treves, Waring, MacGrath.

IX.—CLINICAL SURGERY

Professors	{ N. E. MACKAY, M. D., M. R. C. S.
	{ M. CHISHOLM, M. D., L. R. C. P.

In addition to lectures on cases at the hospital, students will be individually trained at the bed-side in diagnosis and treatment by the lecturers.

All students before graduation will be required to produce evidence of having served for at least six months as dresser in the Surgical Wards and to submit complete histories of at least fifteen surgical cases.

X.—MEDICINE

Professor	N. F. CUNNINGHAM, M. D.
Associate Professors.	{ L. M. MURRAY, M. D.
	{ L. M. SILVER, M. B., C. M.

The course extends over two years, and embraces lectures and recitations on the principles and practice of medicine. Each class will meet three times a week.

1. A course of seventy-five lectures in which diseases of the digestive, circulatory, respiratory and genito-urinary systems, blood and ductless glands, will be discussed in the third year.

2. A course of seventy-five lectures in which infectious and constitutional diseases and those affecting the nervous system, will be taken up in the fourth year.

TEXT BOOKS: For class work, Osler, Anders. For reference, Roberts, Gibson, Osler, *Modern Medicine*; Church and Peterson, *Nervous and Mental Diseases*.

XI.—CLINICAL MEDICINE

Lecturer..... L. M. SILVER, M. B., C. M.
 Demonstrator.....

CLINICAL MEDICINE.

Clinical lectures and instruction will be given at the Victoria General Hospital daily, except on Fridays, throughout the session. Students will be called upon in rotation to examine cases.

All students before graduation will be required to produce evidence of having served for at least six months as clinical clerk in the Medical Wards and to submit complete histories of at least fifteen medical cases.

PRACTICAL MEDICINE.

Practical instruction in Physical Diagnosis, Urinalysis and in the use of the various instruments required for clinical examinations will be given.

TEXT BOOKS: Butler, *Diagnostics of Internal Medicine*; Page, *Physical Diagnosis*; Purdy, *Urinalysis*; Jacob, *Atlas Clinical Medicine*; Musser, *Medical Diagnosis*; Hutchinson & Rainey, *Clinical Methods*; Cabot, *Medical Diagnosis*; Da Costa, *Physical Diagnosis*.

XII.—OBSTETRICS AND GYNÆCOLOGY

Professor M. A. CURRY, B. A., M. D.
 Associate Professor .. W. B. ALMON, M. D. (Obstetrics).

This course will extend over two years of the curriculum.

1. In the third year seventy-five lectures will be given on the Principles and Practice of Midwifery, illustrated by diagrams, preserved specimens and the manikin.
2. Twenty-five lectures on Practical and Operative Midwifery, and twenty-five lectures on Diseases of Women will be given in the fourth year.

CLINICAL

Clinics on Diseases of Women will be given at the Victoria General Hospital every week at which students of the fourth and fifth years will be called on in rotation to make gynæcological examinations. Clinics in Obstetrics will be given in the Lying in Wards of Maternity institutions.

PRACTICAL OBSTETRICS.

Students of the fourth and fifth years will attend cases of labour in Maternity institutions, where they will receive practical instruction in the management and after treatment of labour. Each student before graduation must have attended at least six maternity cases.

TEXT BOOKS: Obstetrics—Hirst, Edgar, Williams. Gynæcology—Hirst, Ashton, Penrose.

XIII.—MEDICAL JURISPRUDENCE

Lecturers { EDWARD BLACKADDER, M. D., C. M.
 W. F. O'CONNOR, LL. B., B. C. L.

This course will embrace as far as possible the following subjects:—

- 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.
- 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, Malpractice, and Neglect of Duty.
- V. Mental capacity in relation to criminal Responsibility, Contracts and Wills. The Lunacy Laws in so far as they affect the Medical Practitioner when signing Certificates of Lunacy.

Of the fifty lectures and demonstrations which make up the course, at least five lectures will be given relating to insanity, and five will be given by Mr. O'Connor on the more important legal points.

TEXT BOOKS: Taylor. Reese, Draper.

XIV.—THERAPEUTICS AND HYGIENE

Professor D. A. CAMPBELL, M. D., C. M.
 Lecturer J. J. DOYLE, M. D., C. M.

THERAPEUTICS.—In this course which will consist of fifty lectures to be given in the fourth year by Professor Campbell and Dr. Doyle, the subject of General Therapeutics including the Therapeutic action of drugs, and other remedial measures will be dealt with.

TEXT BOOKS: Hare, *Practical Therapeutics*.

HYGIENE.—This course will consist of at least twenty-five lectures and demonstrations in which the following matters will be dealt with as far as possible by the lecturer, Dr. Doyle:

- I. Water in its relation to Health and Disease:—(1) The character and Classification of Drinking Water. (2) 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 the 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 of 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."

TEXT BOOK: *Am. Text Book*, Harrington.

XV.—SKIN DISEASES

Lecturer JAMES ROSS, M. D., C. M.

This course will consist of not less than twenty-five lectures, chiefly clinical, to be given in the wards of the Victoria General Hospital.

Patients will be brought before the class and their condition examined into and demonstrated, and the appropriate treatment prescribed and illustrated.

TEXT BOOKS: Stelwagon. Morris. Hardwary, Walker.

XVI.—EYE, EAR, NOSE AND THROAT DISEASES

Lecturer R. EVATT MATHERS, M. D.

Didactic and Clinical instruction will be given in these subjects each week during the session, on Wednesdays, at 2 p. m., at the Victoria General Hospital.

TEXT BOOKS: Jackson, May, Berry, Fuchs, *Diseases of the Eye*; Buck, Gruber, Dench, *Diseases of the Ear*; Kyle, *Nose and Throat*; Bishop, Gradle, *Ear, Nose and Throat*.

XVII.—MENTAL DISEASES*

Lecturer _____
Clinical Lecturer _____

This course will comprise a short series of lectures on the various forms of Insanity from a medical as well as from a forensic standpoint. The various types of mental disease will be illustrated by cases and clinical instruction will be given to final students at intervals throughout the session.

* During session 1911-12 these lectures will be given in connection with the courses in Medicine and Medical Jurisprudence.

XVIII.—CLINICAL PÆDIATRICS

A short course of clinical lectures illustrative of Disease in Children will be given from time to time by members of the staffs of the Victoria General Hospital, of the Children's Hospital, and of the Infants' Home.

XIX.—VACCINATION

Students will receive instruction in this subject at the Dispensary, Infants' Home, and other institutions. They will be required to perform the operation and note results so as to obtain a certificate of proficiency.

Faculty of Dentistry

A curriculum is presented, extending over four years, and leading to the degree of Doctor of Dental Surgery.

Instruction is provided by the University in the following subjects of the curriculum: Anatomy, Chemistry, Physics, Physiology, Histology, Materia Medica, Therapeutics, Pathology and Bacteriology. The Maritime Dental College, which is located in the south wing of the University Building, provides instruction in Operative Dentistry, Orthodontia, Prosthetic Dentistry, Crown and Bridge Work and Ceramics, Oral Pathology and Therapeutics, Dental Histology and Comparative Anatomy, General and Oral Surgery and Anaesthetics, and History, Dental Ethics and Jurisprudence. A special class in Metallurgy is provided in the Nova Scotia Technical College. Detailed information respecting the classes in these subjects will be found in the Calendar of the Maritime Dental College.

By a resolution of the Provincial Dental Board of Nova Scotia, the Faculty of Dentistry of Dalhousie University constitute the Provincial Professional Examiners in Dentistry for admission to registration as dental practitioners in Nova Scotia. Hence a successful candidate for the degree of Doctor of Dental Surgery who conforms to the regulation of the Dental Board is qualified without further examination to practise in this Province. Students are reminded, however, that the dental degree does not necessarily qualify for admission to practise in other provinces, each province having its own regulations for admission, to which a candidate must conform. Particulars regarding the qualification for registration in the Maritime Provinces may be obtained from the respective Registrars, who are as follows:

For Nova Scotia: Dr. G. K. Thomson, Halifax, N. S.

For New Brunswick: Dr. F. A. Godsoe, St. John, N. B.

For Prince Edward Island: Dr. J. S. Bagnall, Charlottetown, P. E. I.

For Newfoundland: Dr. T. P. Smith, St. John's, Nfld.

Candidates for the dental degree in this Faculty who conform to the regulations of the Dominion Dental Council of Canada, are admitted to the examinations of the Council, and if successful are entitled to registration without further examination in all Provinces of Canada, except Quebec and British Columbia.

General University Regulations

University regulations applicable to the students of all Faculties and relating to residence, church attendance and the conduct of examination will be found in the University Calendar, pp. 16-19.

Academic Year

The Academic Year consists of eight months for each of the first and second years, and of seven months for the third and fourth years. The session of 1911-12 for the first, second and third years will begin on August 31st, 1911, and for the fourth year on September 26th, 1911.

Matriculation

Candidates for admission to the classes of the dental curriculum must present certificates:

(a) Of having passed either the Junior Matriculation Examination with Latin as one of the languages selected (University Calendar, pp. 10-12), or the Preliminary Examination of the Provincial Dental Board of Nova Scotia, or any of the Preliminary Examinations recognized by the Dominion Dental Council of Canada;

(b) Of having completed their sixteenth year before the passing of such examination.

Registration

All students are required to register in the Maritime Dental College and in the University before being admitted to any class.

Regulations for Degrees

In addition to the matriculation or preliminary examination, candidates for degrees are required to pass four professional examinations, one at the end of each year of the course. The examinations are arranged as follows:

FIRST PROFESSIONAL EXAMINATION.

One paper in each of the following subjects: Anatomy, Chemistry, Physics, Histology, Operative Dentistry, Prosthetic Dentistry.

SECOND PROFESSIONAL EXAMINATION.

One paper in each of the following: Chemistry, Physiology, Dental Histology and Comparative Anatomy, Operative Dentistry, Prosthetic Dentistry, and one paper and an oral examination in Anatomy.

THIRD PROFESSIONAL EXAMINATION.

One paper in each of the following: Prosthetic Dentistry, Crown and Bridge Work and Ceramics, Operative Dentistry, Orthodontia, Materia Medica, General Pathology and Bacteriology, Oral Pathology and Therapeutics, Surgery and Anaesthetics, Metallurgy.

FOURTH PROFESSIONAL EXAMINATION.

One paper in History, Ethics and Jurisprudence; one paper and an oral examination in each of the following: (a) Surgery and Anaesthetics, (b) Operative Dentistry, (c) Prosthetic Dentistry, (d) Crown and Bridge Work, Ceramics and Hygiene; and an oral examination in Orthodontia.

Pass and Distinction Lists

The names of successful candidates are arranged in the published lists in two divisions, the Pass and the Distinction division. To pass, a candidate must obtain a minimum mark of 40 per cent. in the pure sciences, Chemistry and Physics, and a minimum mark of 50 per cent. in all other subjects. For Distinction in any given subject he must obtain a mark of 75 per cent. or over. The names in each division of the list are arranged in alphabetical order.

Admission to Examinations

Candidates must conform to the following requirements in order to qualify for admission to the Professional examinations:

1. They must attend the prescribed classes of the Dental Curriculum regularly and punctually. Certificates indicating less than 90 per cent. of attendance upon any class will not be accepted unless valid reason for absence be shown.

2. They must prepare such exercises, reports, etc., as may be prescribed, and in the case of classes involving laboratory or practical work they must complete such work satisfactorily.

3. Candidates for the Final Professional Examination will be required to subscribe to the following declaration with regard to their age:

HALIFAX, N. S., 19..

I, the undersigned, being desirous of obtaining the Degree 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.

Supplementary Examinations

A candidate who fails to pass in any subjects, theoretical or practical, in any year, must, unless specially excused, pass supplemental examinations and remove all conditions before entering the next succeeding year.

Dates upon which supplementary examinations will be held are specified in the University Almanac.

Exemptions

Candidates may be exempted from examination in one or more subjects of the first two professional examinations on presenting certificates satisfactory to the senate.

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.

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, 1912.

University Fees

ALL FEES* ARE PAYABLE IN ADVANCE.

Registration, Faculty of Medicine	\$ 2.00
Registration after Sept. 19th, 1911	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.

NOTE—Fee for Registration, Tuition and Annual Examination in both Dalhousie University and the Maritime Dental College, \$114.00.

‡ See University Calendar page 46.

Societies

THE ALUMNI ASSOCIATION

(Organized 1871, incorporated 1876)

The forty-first Annual Meeting of the Alumni Association was held at the Queen Hotel on April 25th, at 6.30 p. m. The president, Principal M. Cumming, occupied the chair.

The treasurer's report showed that the receipts for the year were \$2,751.06 and the expenditure \$1,655.30, leaving a balance of \$1,095.76.

Mr. R. M. MacGregor 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>	W. E. THOMPSON, LL. B.
<i>2nd Vice-President</i>	W. W. WOODBURY, D. D. S.
<i>Secretary-Treasurer</i>	MURRAY MACNEILL, M. A.
	R. M. MACGREGOR, B. A., M. L. A., Alumni Governor (<i>ex-officio</i>).
	H. MACKENZIE, B. A., K. C., Alumni Governor (<i>ex-officio</i>).
	C. H. MITCHELL, . Alumni Governor (<i>ex-officio</i>).
<i>Executive Committee</i>	J. H. TREFRY, M. A. S. A. MORTON, M. A. E. P. ALLISON, LL. B. J. D. VAIR, B. A. H. S. DAVIS, B. A. Alumni editor of <i>Gazette</i> .
<i>Auditors</i>	J. M. GELDERT, LL. B. J. F. PUTNAM, B. A.

The officers of local branches are as follows:

Cape Breton—

President D. M. CAMPBELL.
Secretary F. I. STEWART, Sydney.

New England—

President K. G. T. WEBSTER.
Secretary R. DAVIS, 22 Gray St., Cambridge, Mass.

Saskatchewan—

President A. M. YOUNG.
Secretary D. MACLEAN, Saskatoon.

British Columbia—

President A. MORRISON.
Secretary H. W. C. BOAK, Vancouver.

THE ALUMNÆ ASSOCIATION

(Organized March, 1909)

OFFICERS:

<i>Honorary President</i>	MRS. TRUEMAN, M. A.	
<i>President</i>	MISS ELIZA RITCHIE, B. L., PH. D.	
<i>1st Vice-President</i>	MRS. ROBERT MAGILL	
<i>2nd Vice-President</i>	MISS HARRIET BAYER, M. A.	
<i>Recording Secretary</i>	MISS FLORENCE BLACKWOOD, B. A.	
<i>Corresponding Secretary</i>	MISS JEAN FORREST, M. A.	
<i>Treasurer</i>	MISS GRACE SAUNDERS, 28 Carleton St., Halifax.	
	MRS. HOWARD MURRAY.	
<i>Other Members of the Executive Committee</i>	{	MRS. ARCHIBALD MACMECHAN.
		MRS. HOWARD JONES.
		MISS ELIZABETH STEWART, B. SC.

THE ALUMNÆ BURSARY.

The Alumnae Association offer a bursary of Sixty Dollars to be awarded to the lady undergraduate standing highest in the examinations of the Third Year. This Bursary will be paid at the beginning 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.

OFFICERS.

<i>President</i>	E. MCK. FORBES.	
<i>Vice-President</i>	{	G. K. KING.
		G. L. KEELER.
		H. G. GRANT.
<i>Secretary-Treasurer</i>	W. M. BILLMAN.	
<i>Executive Committee</i>	{	F. LAYTON.
		A. M. JAMES.
		J. K. MURCHISON.
		A. H. MACKINNON.
<i>Auditors</i>	{	J. D. VAIR.
		R. O. BETHUNE.

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 1911-12:—

J. P. McQUEEN (Arts '12).	F. P. LAYTON, B. A. (Law).
D. S. MACINTOSH (Arts '12).	J. S. ROPER, M. A. (Law).
J. K. SWANSON (Arts '13).	J. M. LENT (Eng.).
F. A. HARDY (Arts '14).	————— (Med.).
	————— (Med.).

Lady Editors { MISS NORAH G. LANTZ (Arts '12).
MISS K. MORRISON (Arts '13).

Alumni Editor H. S. DAVIS, B. A.

Alumnæ Editor MISS FRANCES GRANT, B. A.

W. M. NELSON, *Business Manager*.

M. A. MACPHERSON, *Assistant 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.

President J. K. MURCHISON, '12.

Vice-President J. A. MACMILLAN, '14.

Secretary-Treasurer C. R. HAWKINS, '13.

Executive Committee..... { G. K. KING, '12.
J. K. SWANSON, '13.
C. T. MACLEOD, '14.

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.

President R. S. DEANE.

Vice-President R. S. MCLELLAN, B. A.

Secretary-Treasurer G. H. F. LONG.

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 A. DYSART

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>	H. W. SCHWARTZ.
<i>Vice-President</i>	H. G. GRANT.
<i>Secretary</i>	J. S. BREAN.
<i>Treasurer</i>	W. T. McKEOUGH.
<i>Executive Committee</i>	{ F. R. DAVIS.
	{ G. S. GOODWIN.
	{ R. O. BETHUNE.
	{ J. REID.
	{ MISS KILPATRICK.

The Sodales Debating Club

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

OFFICERS.

<i>Honorary President</i>	DEAN MURRAY.
<i>President</i>	E. T. PARKER.
<i>Vice-President</i>	C. L. GASS, B. A.
<i>Secretary-Treasurer</i>	M. A. McPHERSON.
<i>Executive Committee</i>	{ J. D. VAIR, B. A.
	{ J. A. DOULL, B. A.
	{ W. M. NELSON.
	{ J. P. McQUEEN.
<i>Representative on Committee for Intercollegiate Debate</i>	J. D. VAIR, B. A.
<i>Auditors</i>	{ J. C. MACDONALD, B. A.
	{ H. M. BLOIS, B. A.

Young Mens' Christian Association

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

OFFICERS.

<i>Honorary President</i>	PROF. BRONSON.
<i>President</i>	W. J. McLEOD.
<i>Vice-President</i>	J. S. SMILEY, M. A.
<i>Permanent Secretary</i>	A. D. McDONALD, B. A.
<i>Recording Secretary</i>	R. J. ZWICKER.
<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>	MARY I. DAVIDSON.
<i>Vice-President</i>	LOIS MACKINLAY.
<i>Treasurer</i>	MARGARET NICOLL.
<i>Secretary</i>	JEAN M. MACGREGOR.

Dalhousie Dramatic Club

OFFICERS.

<i>Honorary President</i>	PROF. MACMECHAN.
<i>President</i>	A. B. CROWE.
<i>Vice-President</i>	MISS FILLIS BOAK.
<i>Secretary-Treasurer</i>	J. N. LYONS.
<i>Musical Director</i>	MISS AGNES CRAWFORD.
<i>Property Man</i>	DOUGLAS GRAHAM.
<i>Executive Committee</i>	L. B. MCCURDY.
	A. D. McDONALD.
	E. MCK. FORBES.
	MISS N. LANTZ.
<i>Auditors</i>	MISS G. U. SMITH.
	D. C. SINCLAIR, B. A.
	J. P. MACINTOSH.

The Dalhousie Amateur Athletic Club

<i>Honorary President</i>	PRESIDENT FORREST.
<i>President</i>	J. MCG. STEWART, B. A.
<i>Vice-President</i>	D. J. NICHOLSON.
<i>Secretary</i>	N. E. MACKAY.
<i>Treasurer</i>	PROF. HOWE.
<i>Executive Committee</i>	D. J. NICHOLSON.
	J. RANKINE, M. D.
	S. MACKENZIE.
	R. O. BETHUNE.
<i>Captain</i>	J. K. SWANSON.
	E. MCK. FORBES.
<i>Trophy Committee</i>	E. M. FORBES.
	J. MCG. STEWART, B. A.
<i>Field Committee</i>	PROF. BRONSON.
	J. RANKINE, M. D.
	DR. CORSTON.
<i>Auditors</i>	J. A. DOULL.
	F. GRAHAM.

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>	EDITH CHISHOLM.
<i>Vice-President</i>	C. FILLIS BOAK.
<i>Secretary</i>	KATHLEEN E. ALLEN.
<i>Treasurer</i>	MARION SMITH.

The Dalhousie Skating Club

<i>Honorary President</i>	PROF. C. D. HOWE, B. S.
<i>President</i>	H. S. DAVIS, B. A.
<i>Vice-President</i>	MISS ANNIE DICKIE.
<i>Secretary</i>	J. K. MURCHISON.
<i>Treasurer</i>	H. P. BELL.
<i>Executive Committee</i>	F. GRAHAM (Arts).
	J. A. DOULL (Med.).
	E. T. PARKER (Law).
	E. J. O. FRASER (Pine Hill).
<i>Auditors</i>	R. B. CARSON (Tech.).
	C. G. SUTHERLAND.
	D. S. McCURDY.

AFFILIATED COLLEGES**The Prince of Wales College**

(Founded in 1860.)

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.

Halifax Conservatory of Music

PresidentREV. R. LAING.

The University recognizes the teaching of the Conservatory as part of the qualifications required for the degree of Bachelor of Music.

Halifax Ladies' College

PrincipalMISS L. M. HENDRIE.

Students who have completed the Collegiate course, taking Latin, and received the Diploma are admitted to the Arts course without further examination.

Convent of the Sacred Heart

Mother SuperiorMADAME CONWELL.

Students who have completed the regular course and received Diplomas are admitted to the Arts course without further examination.

University Lists

DEGREES

(CONFERRED APRIL 27TH, 1911)

DOCTOR OF LAWS (*Honoris Causa*)

- HON. WILLIAM STEVENS FIELDING,
Minister of Finance, Ottawa.
- HON. LESLIE NEWCOMBE, M. A., LL. B., K. C., C. M. G.,
Deputy Minister of Justice, Ottawa.

MASTER OF ARTS

- MARGUERITE HATTNAL LOUISE SILVER, B. A.—*By Examination in Latin.*
- CHARLES GUY BLACK, B. A.—*By Examination in History and Economics.*
- JOHN SHENSTONE ROPER, B. A.—*By Examination in Shakespeare.*

BACHELOR OF ARTS

- HELEN DOROTHY ARMITAGE Halifax.
- ISABEL MACGILLIVRAY GRANT Springville, Pictou Co.
- HELEN CATHERINE GUNN East River, St. Mary's.
- JEAN EMELINE MACGREGOR Amherst.
- ANNIE SADIE MCKENZIE Lr. Middle River, C. B.
- MARGARET ELECTA MACLELLAN Noel Shore, Hants Co.
- MARION CURRIE OUTHIT Halifax.
- MARGARET IRVING ROSS St. John, N. B.
- GLADYS UNA SMITH Halifax.
- OLIVE WINIFRED SMITH. Halifax.
- ELSIE MAY WIER Halifax.
- HARRY MORRIS BLOIS Halifax.
- WALTER REGINALD DICKIE Stewiacke.
- JAMES ANGUS DOULL New Glasgow.
- CHESTER ALLAN MOORE EARLE St. John, N. B.
- EDWARD JAMES OXLEY FRASER Shelburne.
- CHARLES LEON GASS Tatamagouche.
- ARTHUR KENNETH HERMAN Dartmouth.
- GEORGE EVANS HERMAN Dartmouth.
- THOMAS MAXWELL HIBBERT Berwick.
- OWEN BELL JONES Halifax.
- ANGUS DAN McDONALD Skir Dhu, C. B.
- JAMES CLARK MACDONALD Sydney, C. B.
- ALEXANDER THOMAS MACKAY Pictou.
- ARCHIBALD ALEXANDER MACKENZIE River John.
- ROBERT ARTHUR NEISH Halifax.
- GEORGE MACDONALD SYLVESTER New Glasgow.
- WILLIAM THOMAS TOWNSEND Tangier.
- JAMES DOUGLAS VAIR Pictou.
- JOHN ALEXANDER THOMAS WEATHERBEE.. New Glasgow.

BACHELOR OF SCIENCE

NORAH EPHREM O'BRIENHalifax.
 DONALD JOHN MATHESONMarble Mountain, Inv.

BACHELOR OF MUSIC

HELEN RAMSAY CRICHTONHalifax.

DOCTOR OF MEDICINE AND MASTER OF SURGERY

ELIZABETH EUPHEMIA BALCOLMAylesford.
 ELIZABETH PERLEY BRISONWest Gore, Hants.
 HAROLD BENGE ATLEEAnnapolis Royal.
 WILLIAM FIELDING BARNESHalifax.
 CLARENCE BAIN CAMERONNew Glasgow.
 JOHN ROBERT MITCHELL COLLIERiver John.
 FRANK ROY DAVISPetite Riviere.
 WILLIAM WALKER HERDMANPictou.
 ARTHUR MORRELL JOHNSONTatamagouche.
 DONALD ANGUS MACLEODPoint Tupper, C. B.
 JOHN RODERICK BETHUNE MACLEODGrand River, Rich. Co.
 JOHN JAMES MACRITCHIEEnglishtown, C. B.
 JOHN ALLAN MCINTOSH MURDOCHSherbrooke.
 HUGH WILLIAM SCHWARTZHalifax.
 ROBIE LESLIE TITUSWestport, Digby Co.

DEGREES PREVIOUSLY CONFERRED DURING THE SESSION**BACHELOR OF ARTS**

THOMAS MCCULLY CREIGHTONDartmouth.
 JOHN CONGDON CROWETruro.
 ALEXANDER DAVID FRASERScotsburn.
 LEWIS MURDOCH THOMPSONNew Glasgow.

BACHELOR OF LAWS

CHARLES PRESCOTT BLANCHARD, B. A.
 (Dal.)Truro.
 RALPH CHESTER BURNS, B. A. (Dal.)Milltown, N. B.
 ERNEST FREDERICK DOYLEHalifax.
 GEORGE PAGET OWEN FENWICK, B. A.
 (U. N. B.)Apohaqui, N. B.
 JOHN MURRAY KEEFELakeville, N. B.
 AMOS JESSE LAURENCE, B. A. (Dal.)Southampton.
 JOSEPH PATRICK McISAAC, B.A. (St.F.X.)Antigonish.
 CHARLES CURTIS MCKAYYarmouth.
 ALEXANDER EDWARD MCKINNON, B. A.
 (Dal.)Strathlorne, C. B.
 ROBERT SIMPSON McLELLAN, B. A. (St.
 F. X.)Waterford, C. B.

DOCTOR OF MEDICINE AND MASTER OF SURGERY

FREDERICK GRAHAM MACASKILLSt. Peter's, C. B.

HONOURS, PRIZES, Etc., 1910-11**DIPLOMAS OF HONOUR**

CLASSICS.—*High Honours*.—Alexander David Fraser, awarded October, 1910.

PURE AND APPLIED MATHEMATICS.—*Honours*.—John Alexander Thomas Weatherbee.

DIPLOMAS OF GENERAL DISTINCTION

Great Distinction.—Isabel Macgillivray Grant.

Distinction.—Thomas Maxwell Hibbert, Annie Sadie McKenzie.

GRADUATE PRIZE AND MEDALS

MEDICAL FACULTY MEDAL.—Not awarded.

EVERY PRIZE.—Thomas Maxwell Hibbert, Annie Sadie McKenzie (equal).

DR. BIRT PRIZE.—John Robert Mitchell Collie.

UNDERGRADUATE PRIZES AND MEDALS*Junior Entrance Scholarships:*

MACKENZIE BURSARY.—Lillian Bayer.

SIR WM. YOUNG SCHOLARSHIPS.—Waldron McQuarrie (Prince of Wales College); George H. Henderson (Pictou Academy); Charles A. Mackay (Truro Academy); Jean P. Campbell (Halifax Academy).

Special Prizes:

WAVERLEY PRIZE (Mathematics).—George H. Henderson.

ALUMNAE BURSARY.—Florence Collier, Mary I. Davidson (equal).

DR. LINDSAY PRIZE (Primary M. D., C. M.)—Not awarded.

FIRST YEAR DENTAL PRIZE.—Charles W. Parker.

EXAMINATIONS, 1910-II

FACULTY OF ARTS AND SCIENCE

MATRICULATION CREDITS

The list below contains the credits for matriculation placed on the records of undergraduates and matriculants entering the University in 1910.

NOTE.—No degree is conferred until two years have elapsed from the completion of matriculation.

Undergraduates:

Auld, W. R.; Bayer, Lillian B.; Campbell, Jean P.; Crowell, Deborah; Cunningham, Velma; Evans, C. A.; Floyd, G. D.; Hayes, J. B.; Henderson, G. H.; Kirk, O. H.; Mackay, C. A.; MacKinlay, Lois C.; McLean, T. M.; McLellan, F. F.; Macleod, C.; McQuarrie, W.; Morrison, Katie; Nelson, Eda M.; Seaman, R. F.; Smith, Marion.

Matriculants:

Archibald, A. D.—English, History, Geometry, Algebra.
 Bethune, Gordon—French, History, Geometry.
 Blackadar, K. K.—French, History, Geometry.
 Bliss Norah M.—Latin, French, English, History.
 Britton, Harry E.—English, History, Geometry.
 Carson, F. S.—English, History, Geometry.
 Craigie, G. M.—German, History, Geometry.
 Crowe, W. P.—Latin, French, History, Geometry.
 Dickson, W. P.—English, History, Geometry.
 Drysdale, Carrie—English, History, Geometry, Algebra.
 Drysdale, Janet R.—English, History, Geometry, Algebra.
 Fraser, Catherine—French, English, History, Algebra.
 Fraser, I. M.—French, English, History, Geometry.
 Hanna, W. F.—English, History, Geometry, Algebra.
 Hardy, F. A.—Latin, English, History, Geometry, Algebra.
 Henderson, Edith—Latin, English, History, Geometry.
 MacAulay, P.—English, History, Geometry.
 McCharles, M. D.—English, History, Geometry, Algebra.
 McCurdy, D. S.—German, English, History, Geometry, Algebra.
 Macdonald, S. W.—German, English, History, Geometry, Algebra.
 McGrath, J. P.—French, English, History, Geometry, Algebra.
 McGrath, W. N.—Latin, German, English, History, Geometry.
 MacGregor, Jean M.—French, History, Geometry, Algebra.
 MacInnis, D. F.—English, History, Geometry, Algebra.
 McKay, J. W.—Latin, French, English, History.
 MacLeod, D. C.—English, History, Geometry, Algebra.
 McLeod, J. C.—History, Geometry, Algebra.
 MacMillan, J. A.—English, History, Geometry, Algebra.
 Patrick, I.—English, History, Geometry, French.
 Reid, N. G.—French, English, History, Geometry, Algebra.
 Ross, Agnes S.—Latin, French, English, History, Geometry.
 Stuart, J. M.—English, History, Geometry, Algebra.

Special Students entering in 1910:

Allison, L. M.; Archibald, H. B.; Arthur, Edna; Buckley, Eileen; Bayne, T.; Cameron, W. M.; Creighton, J. J.; Godfrey, A. T.; Gothorpe, Sarah G.; Hamilton, P. D.; Hayden, F. G.; Johnstone, Frances; McGregor, A. F.; Maclean, N. A.; McLeod, D. A.; MacNair, Ada; Margeson, R.; Murchison, J. M.; Murray, H. A.; Rafuse, Rhea; Smith, Helena; Stoddard, R. H.; Whitman, Inez L.; Zwicker, R. J.

CREDITS FOR UNDERGRADUATE WORK ALLOWED TO STUDENTS
ENTERING IN 1910.

Auld, W. R.—Latin 1, Greek 1, English 1, Mathematics 1, Chemistry 1.
 Crowe, W. P.—Latin 1, Greek 1.
 Crowell, Deborah—Latin 1, French 1, English 1, Mathematics 1.
 Cunningham, Velma—Latin 1, French 1, English 1.
 Floyd, G. D.—French 1, English 1, Mathematics 1.
 Fraser, Catherine—German 1, French 1, English 1.
 Fraser, I. M.—French 1, English 1.
 Hayes, J. B.—Latin 1, French, 1, 2, English 1, 2, Mathematics 1, Chemistry 1, Mechanics, Physics 1.
 Henderson, G. H.—Latin 1, French 1, German 1, English 1, Mathematics 1.
 McCurdy, D. S.—German 1, English 1.
 Mackay, C. A.—Latin 1, Greek 1, English 1, Mathematics 1.
 MacKinlay, Lois—Latin 1, French 1, English 1, Mathematics 1, Chemistry 1.
 McLellan, F. F.—Latin 1, German 1, English 1.
 McQuarrie, W.—Latin 1, Greek 1, English 1, Mathematics 1, Chemistry 1.
 Morrison, Katie—Latin 1, English 1.
 Seaman, R. F.—Latin 1, Greek 1, English 1, Mathematics 1, Chemistry 1.
 Smith, Marion—Latin 1, English 1.

MATRICULATION BY EXAMINATION

JUNIOR.

First Class Distinction—Bayer, Lillian B.

Second Class Distinction—Campbell, Jean P.

Mackenzie Bursary—Bayer, Lillian B.

Latin—Bayer, Lillian; Campbell, Jean; Swanson, J. K.; McIntosh, Mabel; McLean, T. M.; Henderson, Edith.

Greek—Bayer, Lillian; Campbell, Jean.

French—Ackhurst, E. V.; Macdonald, Janet; Patrick, I.; Evans, C. A.; McLean, T. M.; McGrath, J. P.

German—None.

English—Bayer, Lillian; Campbell, Jean; Evans, C. A.; Allison, L. M.; Brown, G. M.; McLean, T. M.; Patrick, I.; Dickson, W. P.; Gray, S. W.; Stewart, J. McK.; Britton, H.; McGrath, J. P.; MacLeod, D. C.; McLeod, M.; Kerr, E.

History—Bayer, Lillian; Campbell, Jean; Henderson, Edith; Patrick, I.; McLean, T. M.; McGrath, J. P.

Geometry—Bayer, Lillian; Campbell, Jean; Dickson, W. P.; McGrath, J. P.; Patrick, I.; Creighton, J. J.; McLean, T. M.; Dickie, E.

Algebra—Bayer, Lillian; Lantz, Norah; McLean, T. M.; Campbell, Jean; Sutherland, C. G.; Kemp, H. D.; Densmore, F. T.; Gray, S. W.; Yeoman, A. R.; Smith, E. S.

SENIOR.

Latin—Clayton, E. R.; Smith, Olive; Yeoman, R. F.; Morrison, Katie.

French—Carson, J. B.; Clayton, M. Louise; Reynolds, H. M.; Stairs, H. M.; Smith, Olive W.; Grant, G. W.; Yeoman, R. F.; Cox, O. S.; Hawkins, C. R.

German—None.

English—Smith, Olive W.; Yeoman, R. F.; Morrison, Katie; Dickie, J. B.; Henry, C. B.; Irving, J.

History—Yeoman, R. F.

Geometry—Dennis, Clara; Grant, G. W.; Ross, W. A.

Algebra—Floyd, G. D.; Henderson, G. H.; Cox, O. S.; Glendenning, G. D.

Trigonometry—Bayne, F.; DeBlois, T. M.; Boak, Fillis; Grant, G. W.; Morrison, Katie; McLellan, F. F.

Chemistry—Sibley, Gladys; Swanson, J. K.; MacMahon, H. K.; Yeoman, R. F.; Currie, Maud.

SUPPLEMENTARY AND SPECIAL EXAMINATIONS

LATIN, JUNIOR MATRICULATION.—Henry, Jean; Henry Jessie E.; McCabe, J. M. S.; MacGregor, Jean M.; Murray, H. A.; Nicholson, D. J.

LATIN 1.—Bligh, H. Alice; Henry, Jean.

LATIN 2.—Dickie, Annie K.; Forsyth, Edna; Irving, Margaret; MacGregor, Jean E.; MacGregor, M.; Mackenzie, A. A.; MacLeod, W. J.; Rettie, Annie I.

LATIN 3.—Dickie, W. R.; Herman, A. K.; Herman, G. E.; Smith, Olive (Spring term).

LATIN 4.—Crowe, J. C.; MacKenzie, C. E.; Thompson, L. M.

GREEK 2.—Withrow, Helena H.

FRENCH, JUNIOR MATRICULATION.—Dwyer, G.; Hardy, F. A.; Murray, H. A.

FRENCH, SENIOR MATRICULATION.—Nicholson, D. J.

FRENCH 1.—Clemen, R.; Sibley, Gladys.

FRENCH 2.—Henry, Jean; Henry, Jessie E.; James, A. M.

GERMAN, JUNIOR MATRICULATION.—Brown, G. M.

GERMAN, SENIOR MATRICULATION.—Bell, H. P.; Weatherbee, J. A.

GERMAN 1.—Forsyth, Edna; Irving, Margaret.

GERMAN 2.—Brownell, L. E.; Weatherbee, J. A.

SCIENTIFIC GERMAN.—Hiseler, F.

ENGLISH, JUNIOR MATRICULATION.—Archibald, H. B.; Creighton, John; Dwyer, Gerald; MacGregor, Jean M.; MacKinnon, A. H.; Murray, H. A.; Stoddard, R. H.; Zwicker, R. J.

ENGLISH, SENIOR MATRICULATION.—Clayton, E. R.

ENGLISH 1.—Carson, R. B.; Creighton, C. S.; Knowlton, J. E.; MacLeod, M. D.

ENGLISH 2.—King, G. K.; McCabe, J. M. S.; McKinnon, R.; McLean, Margaret; MacMillan, D. A.; Marsters, C. G.; Palmer, F. H.; Reynolds, H. M.

ENGLISH 5.—Herman, G. E.; McLeod, B. F.; Matheson, D. J.; Sutherland, A.; Thompson, L. M.

HISTORY AND GEOGRAPHY, JUNIOR MATRICULATION.—Allison, L. M.; Murray, H. A.

HISTORY 1.—Kemp, H. D.; Toomey, Fanny; Weatherbee, John.

HISTORY 2.—Reynolds, H. M.

POLITICAL ECONOMY 1.—Ross, Margaret I.

POLITICAL ECONOMY 2.—Herman, G. E.; Matheson, D. J.

PSYCHOLOGY.—Gass, C. L.

PHILOSOPHY 1.—Boak, Fillis; Munnis, Dorothy; Perry, W. J.

PHILOSOPHY 6.—MacGregor, Jean E.; Neish, R. A.; O'Brien, Nora; Outhit, Marion; Parker, E. G.

EDUCATION.—Herman, A. K. (Educ. 2); McLeod, B. F.

ALGEBRA, JUNIOR MATRICULATION.—Patrick, I.; Stoddard, R. H.

ALGEBRA, SENIOR MATRICULATION.—Ashkins, N. T.; Fraser, I. M.

GEOMETRY, JUNIOR MATRICULATION.—Cameron, D. A.; McGregor, A. F.; Murray, H. A.

GEOMETRY, SENIOR MATRICULATION.—Mackenzie, A. A.; Smith, Olive.

TRIGONOMETRY, SENIOR MATRICULATION.—McCurdy, D. S.; Rettie, Annie I.; Smith, Olive.

MATHEMATICS 1.—Chisholm, Edith; Grant, G. W.; Gray, S. W.; Guildford, D. A.; Mumford, B. atrice; Ross, Margaret.

MATHEMATICS 1B.—McCurdy, L. B.

MATHEMATICS 3.—James, A. M.; McKinnon, R.

MATHEMATICS 4.—McKinnon, R.; McLeod, A.

PHYSICS 6.—Hiseler, F. E.

CHEMISTRY 1.—Dennis, Sara; Munnis, Dorothy; Rettie, Annie I.

CHEMISTRY 1A.—Carson, J. B.; Meech, L. R.; MacKenzie, C. E.

CHEMISTRY 4.—McColough, R. W.; Palmer, F. H.

CHEMISTRY 5.—Baucroft, G. R.; Stapleton, W. C.

GEOLOGY 1.—Colquhoun, Lillias; Little, F. R.; MacLeod, W. J.; Matheson, D. J.

GEOLOGY 2.—James, A. M.

PHYSIOGRAPHY.—McLeod, B. F.

MINERALOGY.—Matheson, D. J.

SURVEYING.—Collingwood, D. M.; McCurdy, L. B.

DRAWING 1.—Chisholm, Kenneth.

DRAWING 2.—Gray, S. W.; McKean, D. R.; Williston, C. H. P.

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.—*Passed*.—Reid, N. G.; Stoddard, R. H.; Creighton, J. J.; Archibald, A. D.; (Britton, H. E.; Godfrey, A. T.); Bethune, G.; Lyons, J. N.; Dickson, W. P.; MacKinnon, A. H.; MacMahon, H. K.; Hanna, W. F.; Drysdale, Carrie; McGregor, A. F.; McLeod, J. C.; Archibald, H. B.; Zwicker, R. J.; McLeod, Macintosh.

LATIN I.—*Class I*.—*Bayer, Lillian B.; Campbell, Jean P. *Class II*.—Ross, Agnes S. *Passed*.—Fraser, Catherine J.; MacGregor, Jean M.; Smith, Marion; Melver, A. P.; Evans, C. A.; (MacIntosh, D. S.; Nelson, Eda M.); Salter, B. C.; Grant, W. A.; McLean, T. M.; Amos, Rena M.; (Hardy, F. A.; Hawkins, C. R.); McGrath, W. N.; McCabe, J. M. S.; Yeoman, A. R.; (Henderson, Edith M.; McLeod, C. T.); Macdonald, Mary L.; (Ferguson, M.; Stairs, H. M.).

LATIN 2.—*Class I*.—*Billman, W. M.; Clayton, M. Louise; Graham, F. D.; MacKay, N. E.; *Yeoman, R. F. *Class II*.—Clayton, E. R.; Cunningham, Velma; Macdonald, Janet S.; Mackay, C. A.; MacKenzie, Annie S.; MacKinlay, Lois; MacQuarrie, W.; Nelson, W. M. *Passed*.—Auld, W. R.; Henderson, G. H.; Blackie, Edith M.; Macdonald, J. A.; (Holder, Ella G.; Smith, E. S.); (MacLean, A. L.; Murray, Annie L.); Smith, H. A.; Toomey, Fanny H.; (Bligh, Alice H.; Clemen, R. A.); Earle, C. A.; (Sutherland, C. G.; Weatherbee, J. A.); (Earle, B. D.; Nicoll, Margaret); (Chisholm, Edith A.; Dickie, J. B.); (Allen, Kathleen E.; Grant, G. W.); Seaman, R. F.; Swanson, J. K.; McIntosh, Mabel I.

LATIN 3.—*Class I*.—Grant, Isabel M.; McQueen, J. P. *Class II*.—Brownell, L. E.; Collier, Florence; Davidson, Mary I.; Henderson, Marion B.; Mackenzie, Annie S.; MacLellan, Margaret E.; Magee, Mabel E.; Neish, R. A.; Outhit, Marion C. *Passed*.—Faulkner, Georgene L.; Wier, Elsie M.; Jones, H. W.; Fraser, D. R.; (Armitage, Helen D. A.; Townsend, W. T.); (Dennis, Sara M.; Doull, J. A.); Mumford, Beatrice E.; Smith, Gladys U.; Aekhurst, E. V.; (Boak, C. Fillis; Gass, C. L.); McKittrick, Lillian M.; (MacKenzie, A. A.; Smeltzer, H. R.); Irving, Margaret P.; (Forsyth, Edna I.; MacGregor, M. R.); (MacGregor, Jean E.; McLean, Margaret M.; McLeod, B. F.).

ELEMENTARY GREEK.—*Passed*.—Kirk, O. H.; Stoddard, R. H.; Archibald, A. D.; Heffler, F. A.; Evans, C. A.; MacKinnon, A. H.; Swanson, J. K.

GREEK I.—*Class I*.—*Bayer, Lillian B.; Campbell, Jean P. *Class II*.—Smith, H. A. *Passed*.—Yeoman, A. R.; Murchison, J. K.; Salter, B. C.; Ferguson, M.

GREEK 2.—*Class I.*—Billman, W. M.; MacKay, N. E. *Class II.*—Graham, F. D.; Mackay, C. A.; MacQuarrie, W. *Passed.*—Smith, E. S.; McLean, A. L.; (Auld, W. R.; Nelson, W. M.); Archibald, L. R.; McIver, A. P.

GREEK 3.—*Class II.*—Neish, R. A. *Passed.*—(Armitage, Helen; Fraser, D. R.); Wier, Elsie M.; Mumford, Beatrice E.

ELEMENTARY FRENCH.—*Passed.*—Hall, R. S.; (Lent, J. M.; Macdonald, S. W.); Crowe, Clara; Smith, L. K.; Creighton, J.; (Godfrey, A.; Lyons, J. N.).

FRENCH 1.—*Class II.*—Nelson, Eda. *Passed.*—Macdonald, Janet; Reid, N. G.; Smith, Marion; MacGregor, Jean; Henderson, Edith; McLean, T.; Carson, F. S.; (Britton, H. E.; Nicoll, Margaret; Patrick, I.); (Henry, C. B.; Macleod, C. T.); (Bethune, G.; Evans, C. A.); (Craigie, G. M.; Gray, S. W.; Macdonald, M. L.).

FRENCH 3.—*Class I.*—Allen, Kathleen; Blackie, Edith M.; Cunningham, Velma; Yeoman, R. F. *Class II.*—Umlah, Annie L. B. *Passed.*—Dickie, J. B.; Clayton, M. Louise; MacKinlay, Lois C.; Macdonald, J. A.; (Ackhurst, E. V.; Crowell, Deborah; Fraser, Catherine J.; McIntosh, Mabel I.); Clemen, R.; MacLellan, Margaret; Carson, J. B.; (Lewis, G. M.; Swanson, J. K.); Rettie, Annie; Bligh, Harriet A.; (Smeltzer, H. R.; Sutherland, C. G.); Gass, C. L.

FRENCH 4.—*Class I.*—Collier, Florence; Davidson, Mary I.; Henderson, Marion; *Hibbert, T. M.; *Jones, H. W.; Lantz, Norah; Outhit, Marion; Stairs, J. C. *Passed.*—Holder, Ella; Toomey, Fanny; Faulkner, Georgene; Smith, Gladys; McKay, A. T.; McKittrick, Lillian; (McGregor, M.; Marsters, C.); McLean, Margaret; Ross, Margaret.

ELEMENTARY GERMAN.—*Passed.*—Seaman, R. F.; Nelson, Eda; Carson, F. S.

GERMAN 1.—*Class I.*—Clemen, R.; Collier, Florence. *Passed.*—Magee, Mabel.

German 3.—*Class II.*—Gunn, Helen. *Passed.*—Faulkner, Georgene; Toomey, Fanny; Irving, Margaret; Forsyth, Edna.

ENGLISH 1.—*Class I.*—Bayer, Lillian; McLeod, C. J.; Nelson, Eda. *Class II.*—Henderson, Edith. *Passed.*—Carson, F. S.; Evans, C. A.; (Hardy, F. A.; McGrath, W. N.); Macdonald, S. W. M.; Ross, Agnes S.; (Campbell, Jean; Hanna, W. F.; MacGregor, Jean M.); McLean, T. M.; (Kirk, O. H.; Macmillan, J. A.); (Archibald, A. D.; Reid, N. G.); Murchison, J. M.; (Creighton, J.; Smith, Marion); Dickson, W. P.; (Britton, H. E.; Drysdale, Carrie; Hayden, F. G.); (Bethune, G.; Crowe, W. P.; Smith, L. K.)

ENGLISH 2.—*Class I.*—Billman, W. M.; Fraser, C. Jean; Graham, F. D.; Smith, H. A.; Yeoman, R. F. *Class II.*—Amos, R. M.; Auld, W. R.; Clemen, R.; MacIntosh, M. I.; MacKay, N. E.; MacKinlay, Lois; Nelson, W. N.; Seaman, R. F.; Swanson, J. K.; Williston, C. H. P.; Henderson, G. H. *Passed.*—Mackay, C. A.;

Floyd, G. D.; Noonan, W. H.; Grant, W. A.; Yeoman, A. R.; MacQuarrie, W.; (Ferguson, M.; Hawkins, C. R.; Irvine, W. S.); (Crowe, Clara A.; Cunningham, Velma; Currie, M. M.; Lent, J. M.; Umlah, Annie L. B.); Lewis, G. M.; (Allen, Kathleen; Irving, J. D.; MacLellan, F. F.); (Cockburn, Kate; Cox, O. S.; McCurdy, A. S.); Milne, E. H.; (Fraser, Dorothy; Macdonald, Janet); (Guildford, D. A.; McLean, A. L.; Salter, B. C.); Sibley, Gladys M.); (Ashkins, N. T.; Clayton, M. Louise; Dickie, J. B.); (Logan, H.; MacIver, A. P.; Whitman, Inez); (Yeoman, R. P.; Heffler, F. A.; Sutherland, C. G.); (Clayton, E. R.; MacMahon, H. K.; Stairs, H. M.); (Fraser, T. M.; Gray, S. W.; Keeler, G. L.; Morrison, Kate).

ENGLISH 3.—*Class I.*—*Hibbert, T. M.; Murray, Annie L. *Class II.*—Brownell, L. E.; Gunn, Helen C.; Henderson, Marion; Lantz, Norah; MacLellan, Margaret; MacQueen, J. P. *Passed.*—Ross, Margaret I.; Jones, O. B.; Henry, Jessie E.; Blois, H. M.; Henry, Jean.

ENGLISH 4.—*Class II.*—Henderson, Marion B. *Passed.*—Jones, O. B.; Hibbert, T. M.; Bligh, H. Alice; (Macdonald, J. C.; Murray, Annie L.); Lantz, Norah; (Archibald, L. P.; McKittrick, M. Lillian; Smith, Gladys U.; Smith, H. A.; Smith, E. S.); Magee, Mabel; (Dennis, Sara; Neish, R. A.); Ross, Margaret I.; Mackenzie, A. A.; Fraser, D. R.; (Chisholm, Edith A.; Davidson, Mary I.); (Forsyth, Edna I.; Holder Ella G.; Macdonald, A. D.); Brownell, L. E.; (Blackie, Edith M.; McQueen, J. P.); (MacKenzie, Annie S.; Outhit, Marion C.); Faulkner, Georgene; McLean, W. B.; Irving, Margaret P.; (Boak, C. Fillis; Grant, G. W.; Vair, J. D.; Withrow, Helena H.; Wier, Elsie); (Dickie, W. R.; MacGregor, Jean E.; Thompson, S. S.); (Leslie, K.; MacDonald, M. Lillian); (MacGregor, M. R.; Nicoll, Margaret); (Blois, H. M.; MacMillan, D. A.).

ENGLISH 7.—*Class II.*—Hibbert, T. M. *Passed.*—MacKenzie, A. A.; Macdonald, J. C.; Fraser, E. J. O.

BIBLICAL LITERATURE.—*Class I.*—Fraser, E. J. O.; Gunn, Helen; Macdonald, Janet; MacLellan, Margaret; Neish, R. A. *Class II.*—Archibald, L. P.; Chisholm, Edith; Macdonald, A. D.; Nicoll, Margaret; Outhit, Marion. *Passed.*—Earle, C. A.; Smith, Gladys; Smith, H. A.; Robertson, A. W.; Bligh, A. Harriet; McDonald, J. C.; Forsyth, Edna; MacGregor, Jean E.; Toomey, Fanny; Armitage, Helen; Swanson, J. K.; Crowe, Clara; Irving, Margaret; Murray, Annie; McLean, W. B.; Boak, Fillis; MacKittrick, Lillian; McLean, Margaret; Dennis, Sara; Henry, Jean; Yeoman, A. R.; Munnis Dorothy; McDonald, Lillian; Ackhurst, E. V.; McLeod, W. J.; Murchison, J. K.; Thompson, S. S.; Lantz, Nora; McLeod, Macintosh; O'Brien, Nora; Earle, B. D.; Milne, E. H.; Rettie, Annie; Henry, Jessie; Collier, Florence; King, G.; McLeod, M. D.; Ross, W. A.

HISTORY 1.—*Class I.*—*Hibbert, T. M.; Davidson, Mary; Fraser, Jean; Magee, Mabel. *Class II.*—McQueen, J. P.; McKittrick, M. Lillian; MacLellan, Margaret. *Passed.*—Irving, Margaret; Vair, J. D.; Forsyth, Edna I.; Smeltzer, H. R.; Ackhurst, E. V.; Fraser, D. R.; Ross, Margaret; MacGregor, Jean E.; Ross, W. A.; Grant, W. A.; McLeod, M.; Carson, F. S.; Logan, H. M.; Colquhoun, Lillias; Blois, H. M.; Yeoman, A. R.; Hender-

son, E. M.; McGregor, M. R.; Smith, C. J.; McDonald, P.; Britton, H. E.; McIver, A. P.; McLean, W. B.

HISTORY 2.—*Class I.*—Black, C. J.; Swanson, J. K.; Clemen, R. *Class II.*—Graham, F. D.; Collier, Florence; Smith, E. S.; McLean, A. L.; Outhit, Marion; Allen, Kathleen. *Passed.*—Dennis, S. M.; Grant, Isabel; Arthur, Edna; Mackay, C. A.; Grant, G. W.; Auld, W. R.; Ackhurst, E. V.; Jones, H. W.; Townsend, W. T.; Nelson, W. M.; Toomey, Fannie H.; Yeoman, R.; Archibald, L. P.; Doull, J. A.; Archibald, A. A.; McKinlay, Lois; Armitage, Helen; McDonald, J. A.; McLellan, F. F.; Boak, C. Fillis; McLeod, B. F.; Sibley, Gladys; McIntosh Mabel; Munnis, Dorothy; Umlah, Annie; Blackie, E. M.; Withrow, Helena H.; Stairs, J. C.; Sutherland, C. M.; Holder, Ella; McCurdy, D. S.; McLean, W. B.; Hawkins, C. K.; Kemp, H. D.; Rettie, Annie; Dickie, J. B.; Guildford, D. A.; Hayes, J. B.; Carson, J.; Earle, B. D.; Mumford, Beatrice; McDonald, M. Lillian; McGregor, Jean E.; McKinnon, A. H.; Stairs, H. M.; Kerr, S.; McLeod M.; McLeod, W. J.

POLITICAL ECONOMY 1.—*Class I.*—Neish, R. A.; McKittrick, M. Lillian; Murray, Annie; Fraser, C. Jean. *Passed.*—Gunn, Helen; Henry, Jean; Henry, Jessie; Dennis, Sara; McIntosh, D. S.; Vair, J. D.; Bell, Hugh; McDonald, A. D.; Wier, Elsie; Withrow, Helena H.; Doull, J. A.; Irving, Margaret P.; Armitage, Helen; McDonald, J. A.; McQueen, M. P.; Reynolds, H. M.; Yeoman, A. R.; Ackhurst, E. V.; Jones, H. W.; McGregor, M. R.; McDonald, J. C.; Day, R. E.; Crowe, Clara; Lantz, Nora; Mumford, Beatrice; Salter, B. C.; Sylvester, G. M.; Faulkner, Georgene; Hawkins, C. R.; Craigie, G. M.; Earle, C. A. M.; Munnis, Dorothy; Stairs, H. M.; Knowlton, J. E.; McDonald, M. Lillian; Milne, E. H.; Smith, C. G.; Dickie, Annie; Boak, C. Fillis; Colquhoun, Lillias; Hayes, J. B.; Ferguson, M.; Irving, W. S.; Logan, H. M.; Irvine, W. S.; King, G. K.; Kemp, H. D.

POLITICAL ECONOMY 2.—*Class I.*—McKenzie, Annie; Black, C. G.; McCabe, J. M. S. *Passed.*—McKay, A. T.; Blois, H. M.; Smith, Gladys; Ross, Margaret; McLean, Margaret; Ross, W. A.

PHILOSOPHY 1.—*Class I.*—Macdonald, Janet; Smith, E. S. *Class II.*—Townsend, W. T.; MacKinlay, Lois; MacQuarrie, W.; Nelson, W. M.; Graham, F. D.; Magee, Mabel; Clayton, E. R. *Passed.*—Macdonald, J. A.; Billman, W. M.; Blackie, Edith M.; Lantz, Norah; Nicholl, Margaret; Auld, W. R.; Chisholm, Edith S.; Keeler, G. L.; Toomey, Fanny; Bligh, Harriet A.; Clayton, Louise; Davidson, Mary I.; Grant, G. W.; Murray, Annie L.; Maclean, A. L.; Murchison, J. K.; Smith, H. A.; Swanson, J. K.; Yeoman, R. F.; Lewis, M.; Chisholm, J. S.; Guildford, D. A.; Hayes, J. B.; Holder, Ella; King, G. K.; Logan, H.; MacIntosh, Mabel; Withrow, Helena.

PHILOSOPHY 3.—*Class II.*—Day, R. E.; McIntosh, D. S. *Passed.*—Jones, H. W.; Stairs, J. C.; Stewart, Florence; Fraser, E. J.; Amos Rena; Macdonald, J. C.; Macdonald, A. D.; Currie, M.; MacLeod, B. F.

PHILOSOPHY 4.—*Class I.*—Hibbert, T. M.; McIntosh, D. S. *Class II.*—Day, R. E.; MacKenzie, A. A.; MacKenzie, Annie;

MacDonald, J. C. *Passed*.—Archibald, L.; Curry, Mary M.; Earle, C. A.; Fraser, D. R.; Dennis, Sara; Fraser, E. J.; Henderson, Marion; MacDonald, Angus; Macleod, W. J.; Stewart, Florence.

MATHEMATICS 1.—*Class I.*—*Bayer, Lillian; Evans, C. A.; *MacGregor, Jean. *Class II.*—McCabe, J. M. S.; McGrath, W. N. *Passed*.—McKay, A. T.; Drysdale, Carrie; McGrath, J. P.; Reid, N. G.; Crowe, W. P.; Kirk, O. H.; Campbell, Jean; MacGregor, A. F.; Archibald, A. D.; Macdonald, S. W. M.; MacLean, T. M.; Faulkner, Georgene; McLeod, C. T.; Nelson, Eda; Smith, Marion.

MATHEMATICS 3.—*Class I.*—Henderson, G. H.; Irving, J. D.; MacKay, N. E. *Class II.*—Floyd, G. D.; Freeman, R. P.; MacQuarrie, W. *Passed*.—Carson, R. B.; Carson, J. B.; Fraser, I. M.; Williston, C. H. P.; Hiseler, F. E.; Brown, G. M.; Smith, L. K.; Ashkins, N. T.; MacLellan, Margaret.

MATHEMATICS 4.—*Class I.*—Henderson, G. H. *Class II.*—Carson, R. B.; Irving, J. D.; Noonan, W. H. *Passed*.—Keeler, G. L.; McCurdy, L. B.; Reynolds, H. M.; Freeman, R. B.

MATHEMATICS 5.—*Class I.*—*Johnstone, J. H. L.; Smeltzer, H. R.; Weatherbee, J. A.

MATHEMATICS 6.—*Class II.*—Weatherbee, J. A.

MATHEMATICS 9.—*Class I.*—*Grant, Isabel.

MATHEMATICS 10.—*Class I.*—*Grant, Isabel.

MECHANICS.—*Class I.*—Davidson, Mary I.; *Henderson, G. H. *Class II.*—Clayton, Mary L.; Stairs, J. C. *Passed*.—Fraser, I. M.; Floyd, C. D.; Grant, W. A.; McCabe, J. M. S.; Crowe, W. P.; McLellan, F. F.; Lent, J. M.; Macdonald, S. W. M.; Freeman, R. P.; Smith, L. K.; Gray, S. W.

PHYSICS 1.—*Class I.*—*Henderson, G. H.; Smeltzer, H. R. *Passed*.—Noonan, W. H.; Carson, R. B.; McQueen, J. P.; Irving, J. D.; Carson, J. B.; Cox, O. S.

PHYSICS 3.—*Class I.*—*Johnstone, J. H. L. *Class II.*—Weatherbee, J. A.

PHYSICS 4.—*Class I.*—*Johnstone, J. H. L. *Passed*.—Weatherbee, J. A.

PHYSICS 6.—*Class II.*—Henderson, G. H. *Passed*.—Carson, R. B.; Irving, J. D.; Noonan, W. H.; Carson, J. B.; Cox, O. S.; Ashkins, N. T.; Keeler, G. L.; Brown, G. M.

CHEMISTRY 1.—*Class II.*—MacGregor, Jean M.; Smeltzer, H. R. *Passed*.—(Clemen, R.; Heffler, F. A.); Bayer, Lillian; (Blackie, Edith M.; Fraser, C. Jean); Nicoll, Margaret; Macdonald, Janet S.; Reid, N. G.; McCurdy, D. S.; (Archibald, A. D.; Withrow, Helena H.); Earle, B. D.; (Craigie, G. M.; Drysdale, Carrie M.; MacInnes, D. F.; Nelson, Eda); (Boak, C. Fillis; McGrath, W. N.); Hannia, W. F.; McLean, T.; (Colquhoun, Lillias; Ross, Agnes S.).

CHEMISTRY 1A.—*Class I.*—Crowe, W. P.; Floyd, G. D.; *Mackay, C. A. *Class II.*—Evans, C. A.; Fraser, I. M.; Macdonald, S. W.; Stoddard, R.; Sutherland, Colin. *Passed.*—Dickson, W. P.; Grant, G. W.; Macleod, C. T.; Godfrey, A. T.; McGregor, A. F.

CHEMISTRY 2.—*Class II.*—MacKay, N. E.

CHEMISTRY 4.—*Class I.*—Irving, J. D.; Noonan, W. H. *Class II.*—Ashkins, N. T.; Carson, R. B.; Cox, O. S.; Gray, S. W.; MacKenzie, C. E. *Passed.*—Garrett, H. L.; Doane, H. W.; Freeman, R. P.; McCurdy, L. B.; Hiseler, F. E.

CHEMISTRY 6.—*Class II.*—Keeler, G. L.

CHEMISTRY 7.—*Class II.*—Keeler, G. L.

GEOLOGY 1.—*Class II.*—Floyd, George D.; Hawkins, Charles R.; Keeler, George L. *Passed.*—Townsend, William T.; MacKenzie, Archibald A.; MacMahon, Henry K.; Collier, Florence; Irvine, William S.; King, George K.; Withrow, Helena H.; Ferguson, Malcolm; Stairs, Hugh M.; Milne, Everind H.; McKinnon, Angus H.; Creighton, John; Kerr, Ephraim.

GEOLOGY 2.—*Class II.*—Doane, Harvey W. L.; Williston, Charles H. P. *Passed.*—Ashkins, Nathan; Freeman, Robert P.

MINERALOGY.—*Class II.*—Bell, Hugh; James, Alan McK.

SURVEYING.—*Class II.*—Brown, G. M.; Carson, J. B.; Fraser, I. M. *Passed.*—Gray, S. W.; Hiseler, F. E.; Lent, J. M.; Bell, H. P.; Smith, L. K.; James, A. M.

KINEMATICS.—*Class I.*—Carson, J. B. *Class II.*—Carson, R. B.; Garrett, H. L.; Irving, J. W.; Noonan, W. H. *Passed.*—Gray, S. W.; Smith, L. K.; Reynolds, H. M.; James, A. M.

GRAPHIC STATICS.—*Passed.*—Garrett, H. L.

DRAWING 1.—*Class I.*—Fraser, I. M. *Class II.*—Floyd, G. D. *Passed.*—Hayden, F. G.

DRAWING 2.—*Class II.*—Carson, F. S.; Fraser, I. M. *Passed.*—Brown, G. M.; Ashkins, N. T.

MATERIALS OF CONSTRUCTION.—*Passed.*—Garrett, H. L.

BIOLOGY 1.—*Passed.*—Chisholm, Edith; Salter, B. C.; Seaman, R. F.; Amos, R. Maud; Hayes, J. B.; Sutherland, C. G.; Grant, W. A.; Bell, H. P.; McIntosh, Mabel; Hall, R. S.; McGregor, M. R.; McIver, A. P.; McCabe, J.

BIOLOGY 2.—*Passed.*—Currie, Mary M.; Bell, H. P.

FACULTY OF LAW.

DEGREE EXAMINATIONS

CLASS LISTS

Names in Pass Lists are in alphabetical order.

INTERNATIONAL LAW.

Class I.—Newcombe, H. P.; Fenwick, G. P. O.; Robertson, R. B. H.; McGrath, J. W.; (Lawrence, A. J.; McLennan, D. A. ;) (Sinclair, D. C.; Thomas, A. O. ;) McLellan, R. S.

Class II.—Robinson, L. M.; McIsaac, J. P.; Burns, R. C.; (Mavor, J. S.; Owen, D. ;) (Keefe, J. M.; McNeil, J. ;) (McKinnon, A. E.; Milner, R.)

Passed.—Martell, L. H.; Ralston, I. S.; Rice, G. E.; Smith, R. K.

CONFLICT OF LAWS.

Class I.—Newcombe, H. P.; (Layton, F.; Robertson, R. B. H.; Robinson, L. M. ;) Fenwick, G. P. O.; McLennan, D. A.; (Burns, R. C.; Fairweather, E. E. ;) Milner, R.

Class II.—(Keefe, J. M.; Thomas, A. O. ;) (McGrath, J. W.; Sinclair, D. C. ;) Boyd, D. D.; Russell, B. W.

Passed.—Chipman, C. R.; Lawrence, A. J.; McKinnon, A. E.; McLellan, R. S.; Mavor, J. S.; Ralston, I. S.; Rice, G. E.; Smith, R. K.

CONSTITUTIONAL LAW.

Class I.—Fairweather, E. E.; Layton, F.; Nelson, W. M.

Class II.—Roper, J. S.; Smiley, J. S.; McKay, A. T.; Martell, L. H.; McPherson, M. A.; Vair, J. D.; Deane, R. S.

Passed.—Black, C. G.; Boyd, D. D.; Christie, F. L.; Dysart, A. A.; McKenzie, A. A.; Maloney, C. M.; Parker, E. T.; Stack, L. H.

SHIPPING.

Class I.—Fairweather, E. E.; Ralston, I. S.; Duffy, L. L.

Class II.—(Martell, L. H.; Stack, L. H. ;) Blanchard, C. P.; (Forbes, E. M.; Graham, R. D. ;) Roper, J. S.

Passed.—Boyd, D. D.; Christie, F. L.; Deane, R. S.; Dysart, A. A.; Long, G. F. H.; McKinnon, A. E.; Michaud, J. E. O'Neill, F. M.; Smiley, J. S.; Smith, R. K.

CONSTITUTIONAL HISTORY.

Class I.—McPherson, M. A.; Skinner, W. H.

Class II.—Ralston, I. S.; Dares, R. S.; Maloney, C. M.; Billman, W. W.; Vair, J. D.; Arenburg, H. R.

Passed.—Dickson, J. B.; Long, G. F. H.; McLeod, B. F.; Michaud, J. E.; Morse, H. C.; Parker, E. T.; Ryan, J. L.; Stairs, J.

TORTS.

Class I.—Stewart, J. McG.; Fairweather, E. E.; Roper, J. S.

Class II.—Blanchard, C. P.; Martell, L. H.; (Dixon, J. B.; Forbes, E. M. ;) (Dares, R. S.; Ryan, J. L.; Skinner, W. H.)

Passed.—Arenburg, H. R.; Boyd, D. D.; Long, G. F. H.; Maloney, C. M.; Michaud, J. E.; Morse, H. C.; Ralston, I. S.; Smiley, J. S.

EQUITY.

Class I.—(Fenwick, G. P. O.; Russell, B. W. ;) McLennan, D. A.; Newcombe, H. P.; McIsaac, J. P.; Layton, F.; Robertson, R. B. H.; Ralston, I. S.; McGrath, J. W.; Sinclair, D. C.; MacNeil, J.

Class II.—Duffy, L. L.; Robinson, L. M.; Thomas, A. O.; Fairweather, E. E.; Keefe, J. M.; McKinnon, A. E.; O'Neill, F. M.; Chipman, C. R.; Martell, L. H.; Boyd, D. D.

Passed.—Blois, H. M.; Burns, R. C.; Christie, F. L.; Deane, R. S.; Dysart, A. A.; Forbes, E. M.; Laurence, A. J.; Mavor, J. S.; Milner, R.; McKay, C. C.; McLellan, R. S.; Owen, D.; Rice, G. E.; Smiley, J. S.; Smith, R. K.; Stack, L. A.

CONTRACTS.

Class I.—Stewart, J. McG.; Dickson, J. B.; Roper, J. S.; Michaud, J. E.; Ryan, J. L.; Blois, H. M.

Class II.—Morse, H. E.; McPherson, M. A.; McKay, A. T.; Graham, R. D.; Arenburg, H. R.; Maloney, C. M.

Passed.—Black, C. G.; Long, G. F. H.; Nicholson, D. J.; Parker, E. T.; Skinner, W. H.; Vair, J. D.

PARTNERSHIP.

Class I.—(Duffy, L. L.; Forbes, E. M.; O'Neil, F. M. ;) Blanchard, C. P.; Lawrence, A. J.; McKinnon, A. E.; Rice, G. E.; Smiley, J. S.; Martell, L. H.

Class II.—Deane, R. S.; Fairweather, E. E.; Boyd, D. D.; Ralston, I. S.

Passed.—Dares, R. S.; Dysart, A. A.; Stack, L. H.; Christie, F. L.

SALES.

Class I.—(Fenwick, G. P. O.; McLennan, D. A. ;) Russell, B. W.; Fairweather, E. E.; MacNeil, J.; McGrath, J. W.; Newcombe, H. P.

Class II.—Sinclair, D. C.; Layton, F.; Robertson, R. B. H.; Ralston, I. S.; Keefe, J. M.; O'Neil, F. M.; Smiley, J. S.; Robinson, L. M.; Mavor, J. S.; Thomas, A. O.

Passed.—Blois, H. M.; Burns, R. C.; Boyd, D. D.; Chipman, C. R.; Deane, R. S.; Duffy, L. L.; Dysart, A. A.; Forbes, E. M.; Lawrence, A. J.; Martell, L. H.; Miller, R.; McIsaac, J. P.; McKay, C. C.; McKinnon, A. E.; McLellan, R. S.; Owen, D.; Rice, G. E.; Smith, R. K.; Stack, L. H.

COMPANIES.

Class I.—McGrath, J. W.; Chipman, C. R.; Robinson, L. M.; (Newcombe, H. P.; Sinclair, D. C.)

Class II.—McLennan, D. A.; Milner, R.; Layton, F.; McNeil, J.; Martell, L. H.; Ralston, I. S.; Russell, B. W.; Fenwick, G. P. O.

Passed.—Boyd, D. D.; Burns, R. C.; Fairweather, E. E.; Lawrence, A. J.; Roper, J. S.

CRIMES.

Class I.—Milner, R.; Maloney, C. M.; Boyd, D. D.; Martell, L. H.; Duffy, L. L.

Class II.—Ryan, J. L.; Forbes, E. M.; Morse, H. C.

Passed.—Arenburg, H. R.; Dickson, J. B.; Fairweather, E. E.; Long, G. F. H.; McKay, A. T.; Skinner, W. H.; Smiley, J. S.; Smith, R. H.

WILLS.

Class I.—Fairweather, E. E.; McKinnon, A. E.; Layton, F.

Class II.—O'Neill, F. M.; Martell, L. H. Lawrence, A. J.

Passed.—Boyd, D. D.; Christie, F. L.; Deane, R. S.; Duffy, L. L.; Dysart, A. A.; Morse, H. C.; Smiley, J. S.; Stack, L. H.

REAL PROPERTY.

Class I.—Fairweather, E. E.; Black, C. G.; Roper, J. S.; Nelson, W. M.; Skinner, W. H.

Class II.—Arenburg, H. R.; Smiley, J. S.; McPherson, M. A.; Dickson, J. B.; Maloney, C. McD.; Vair, J. D.

Passed.—Boyd, D. D.; Dares, R. S.; Forbes, E. M.; Long, G. F. H.; Michaud, J. E.; Morse, H. C.; O'Neill, F. M.; Parker, E. T.; Ryan, J. L.

EVIDENCE.

Class I.—Layton, F.; Fairweather, E. E.; Smiley, J. S.; Duffy, L. L.

Class II.—Martell, L. H.; Boyd, D. D.

Passed.—Blois, H. M.; Deane, R. S.; Dysart, A. A.; Forbes, E. M.; Graham, R. D.; O'Neill, F. M.; Rice, G. E.; Stack, L. H.

PROCEDURE.

Class I.—Ralston, I. S.; Robertson, R. B. H.; Thomas, A. O.; Layton, F.

Class II.—Newcombe, H. P.; McNeil, J.; Rice, G. E.; Cameron, D. A.; Lawrence, A. J.; McLellan, R. S.; Blois, H. M.

Passed.—McIsaac, J. P.; Landry, R. W.; Smith, R. K.

FACULTY OF MEDICINE.

GENERAL PASS LIST

(Alphabetical Order.)

FIRST PROFESSIONAL.

Blacket, A. E.; Brean, J. S.; Davidson, V. D.; Densmore, F. T.; ‡Dickie, W. R.; ‡Doull, J. A.; *Finlay, F. S.; ‡Gass, C. L.; Godfrey, H. M.; Graham, J. V.; Heal, J. G. F.; LeBlanc, J. E.; Meech, L. R.; Sylvester, G. M.; *Tompkins, M. G.; Wiswell, G. B.

SECOND PROFESSIONAL.

†Barss, G. A.; †Bethune, R. O.; *Brison, Eliza P.; Campbell, A. R.; †Creighton, T. M.; Doull, J. A.; †Finlay, F. S.; Gass, C. L.; †Johnson, J. M.; *Kenney, W. F.; McKenzie, S. G.; McKeough, W. T.; †MacKinnon, A. H.; Mackasey, W. P.; Morton, L. M.; Reid, J. B.; Tompkins, M. G.; †Wilson, A. A. C.

**Balcom, Bessie E.; Barss, G. A.; Beaton, John; Bethune, R. O.; Brison, Eliza P.; *Cameron, C. B.; Creighton, T. M.; Finlay, F. S.; Goodwin, G. S.; Grant, H. G.; Johnson, J. M.; MacAulay, J. P.; MacKinnon, A. H.; *MacRitchie, J. J.; Wilson, A. A. C.

FINAL PROFESSIONAL.

Atlee, H. B.; Balcom, Bessie E.; Barnes, W. F.; Brison, Eliza P.; Cameron, C. B.; Collie, J. R. M.; Davis, F. R.; Herdman, W. W.; Johnson, A. N.; *MacAskill, F. G.; McLeod, D. A.; MacLeod, J. R. B.; MacRitchie, J. J.; Murdoch, J. A. M.; Schwartz, H. W.; Titus, R. L.

DEGREE EXAMINATIONS

CLASS LISTS

(Alphabetical Order.)

MEDICAL PHYSICS.

Distinction—Godfrey, H. M.

Passed—Blackett, A. E.; Davidson, V. D.; Densmore, F. T.; Gittleson, P. M.; Graham, J. V.; Kilpatrick, Eliza; LeBlanc, J. E.; Read, W. W.

Special Examination (Lab. only) April, 1910—Dickie, H. R.; Doull, J. A.; Gass, C. L.; Sylvester, G. M.

HISTOLOGY.

Distinction—Blackett, A. E.; Davidson, V. D.; Graham, J. V.

Passed—Brean, J. S.; Densmore, F. T.; Gittleson, P. M.; Godfrey, H. M.; Heal, J. G. F.; LeBlanc, J. E.; Meech, L. R.; Moore, H. S.; Read, W. W.; Sylvester, G. M.; Wiswell, G. B.

Special Examination, April, 1910—Chisholm, S. J.; Marsters, C. G.; Seaman, R. F.

* Supplementary Exam., Sept., 1910.

† Supplementary Exam., April, 1911.

‡ Special Exam., April, 1911.

** Special Exam., Sept., 1910.

BIOLOGY.

Distinction—None.

Passed—Blackett, A. E.; Brean, J. S.; Davidson, V. D.; Densmore, F. T.; Godfrey, H. M.; Graham, J. V.; Heal, J. G. F.; Kilpatrick, Eliza; LeBlanc, J. E.; Moore, H. S.; Read, W. W.

Supplementary Examination, September, 1910—Tompkins, M. G.

JUNIOR ANATOMY.

Distinction—Blackett, A. E.; Brean, J. S.; Densmore, F. T.; Godfrey, H. M.; Graham, J. V.; Heal, J. G. F.; Meech, L. R.

Passed—Davidson, V. D.; Gittleson, P. M.; Kilpatrick, Eliza; LeBlanc, J. E.; Sylvester, G. M.; Wiswell, G. B.

Special Examination, April, 1911—Chisholm, S. J.

CHEMISTRY (First Year).

Distinction—None.

Passed—Brean, J. S.; Davidson, V. D.; Densmore, F. T.; Gittleson, P. M.; Godfrey, H. M.; Graham, J. V.; Heal, J. G. F.; Kilpatrick, Eliza; LeBlanc, J. E.; Moore, H. S.; Read, W. W.

Supplementary Examination, September, 1910—Beaton, John; Finlay, F. S.

PHYSIOLOGY.

Distinction—Gass, C. L.

Passed—Campbell, A. R.; Dickie, W. R.; Doull, J. A.; McKenzie, S. G.; McKeough, W. T.; Mackasey, W. P.; Morton, L. M.; Reid, J. B.; Tompkins, M. G.

Special Examination, April, 1911—Meech, L. R.; Sylvester, G. M.

Supplementary Examination, April, 1911—Barss, G. A.; Bethune, R. O.; Creighton, T. M.; Finlay, F. S.; Johnson, J. M.; Lebbetter, T. A.; MacKinnon, A. H.; McNeil, Daniel; Wilson, A. A. C.

SENIOR ANATOMY.

Distinction—Campbell, A. R.; Doull, J. A.; McKeough, W. T.; Mackasey, W. P.; Morton, L. M.

Passed—Dickie, W. R.; Gass, C. L.; Little, F. R.; McKenzie, S. G.; McLean, Jean A.; Reid, J. B.; Tompkins, M. G.; Withrow, R. R.

Supplementary Examination, April, 1911—Creighton, T. M.

CHEMISTRY (Second Year).

Distinction—None.

Passed—Little, F. R.; McKenzie, S. G.; McKeough, W. T.; McLean, Jean A.; Mackasey, W. P.; Morton, L. M.; Reid, J. B.; Tompkins, M. G.

Supplementary Examination, September, 1910—Brison, Eliza P.; Deveau, A. J.; Kenney, W. F.

Special Examination, April, 1911—Grant, W. A.

Supplementary Examination, April, 1911—Lebbetter, T. A.; McNeil, Daniel.

PHYSIOLOGICAL CHEMISTRY (Third Year).

Distinction—MacKinnon, A. H.; Wilson, A. A. C.

Passed—Barss, G. A.; Bethune, R. O.; Finlay, F. S.; Johnson, J. M.

MATERIA MEDICA AND THERAPEUTICS.

Distinction—None.

Passed—Barss, G. A.; Beaton, John; Bethune, R. O.; Creighton, T. M.; Finlay, F. S.; Goodwin, G. S.; Grant, H. G.; Johnson, J. M.; MacAulay, J. P.; MacKinnon, A. H.; Wilson, A. A. C.

Special Examination, September, 1910—Balcom, Bessie E.; Brison, Eliza P.; Kenney, W. F.

PATHOLOGY AND BACTERIOLOGY.

Distinction—Barss, G. A.; Finlay, F. S.; Goodwin, G. S.; Grant, H. G.; MacKinnon, A. H.; Wilson, A. A. C.

Passed—Beaton, John; Bethune, R. O.; Creighton, T. M.; Johnson, J. M.; MacAulay, J. P.

Special Examination, September, 1910—Balcom, Bessie E.

Supplementary Examination, September, 1910—Cameron, C. B.; MacRitchie, J. J.

Supplementary Examination, April 1911—Brison, Eliza P.

MEDICAL JURISPRUDENCE AND HYGIENE.

Distinction—None.

Passed—Atlee, H. B.; Balcom, Bessie E.; Barnes, W. F.; Brison, Eliza P.; Cameron, C. B.; Collie, J. R. M.; Davis, F. R.; Hartigan, D. J.; Herdman, W. W.; Johnson, A. M.; Kenney, W. F.; MacLeod, J. R. B.; McLeod, D. A.; MacRitchie, J. J.; Murdoch, J. A. M.; Schwartz, H. W.; Titus, R. L.

Supplementary Examination, September, 1910—Saunders, R. M.

SURGERY AND SURGICAL ANATOMY.

Distinction—McLeod, D. A.

Passed—Atlee, H. B.; Balcom, Bessie E.; Barnes, W. F.; Brison, Eliza P.; Cameron, C. B.; Collie, J. R. M.; Davis, F. R.; Herdman, W. W.; Johnson, A. M.; MacLeod, J. R. B.; MacRitchie, J. J.; Murdoch, J. A. M.; Schwartz, H. W., Titus, R. L.

Supplementary Examination, September, 1910—MacAskill, F. G.

MEDICINE.

Distinction—None.

Passed—Atlee, H. B.; Balcom, Bessie E.; Barnes, W. F.; Brison, Eliza P.; Cameron, C. B.; Collie, J. R. M.; Davis, F. R.; Hartigan, D. J.; Herdman, W. W.; Johnson, A. M.; McLeod, D. A.; MacLeod, J. R. B.; MacRitchie, J. J.; Murdoch, J. A. M.; Schwartz, H. W.; Titus, R. L.

Supplementary Examination, September, 1910—MacAskill, F. G.

Supplementary Examination, April, 1911—Saunders, R. M.; Thibault, S. H.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.

Distinction—None.

Passed—Atlee, H. B.; Balcom, Bessie E.; Barnes, W. F.; Brison, Eliza P.; Cameron, C. B.; Collie, J. R. M.; Davis, F. R.; Herdman, W. W.; Johnson, A. M.; Kenney, W. F.; McLeod, D. A.; MacLeod, J. R. B.; MacRitchie, J. J.; Murdoch, J. A. M.; Schwartz, H. W.; Titus, R. L.

Supplementary Examination, September, 1910—Saunders, R. M.

CLINICAL SURGERY.

Distinction—Atlee, H. B.; McLeod, D. A.; MacLeod, J. R. B.

Passed—Balcom, Bessie E.; Barnes, W. F.; Brison, Eliza P.; Cameron, C. B.; Collie, J. R. M.; Davis, F. R.; Herdman, W. W.; Johnson, A. M.; MacRitchie, J. J.; Murdoch, J. A. M.; Schwartz, H. W.; Titus, R. L.

CLINICAL MEDICINE.

Distinction—Collie, J. R. M.; Davis, F. R.

Passed—Atlee, H. B.; Balcom, Bessie E.; Barnes, W. F.; Brison, Eliza P.; Cameron, C. B.; Hartigan, D. J.; Herdman, W. W.; Johnson, A. M.; Kenney, W. F.; MacAulay, J. P.; McLeod, D. A.; MacLeod, J. R. B.; MacRitchie, J. J.; Murdoch, J. A. M.; Schwartz, H. W.; Titus, R. L.

FACULTY OF DENTISTRY.

DEGREE EXAMINATIONS

(Alphabetical order.)

THIRD YEAR.

PROSTHETIC DENTISTRY.

Class I—Faulkner, Alden W.; Tolson, Harry S.*Passed*—Burke, John A.; Crowe, A. Boyd.

CROWN AND BRIDGE WORK AND CERAMICS.

Class I—Crowe, A. Boyd; Faulkner, Alden W.; Tolson, Harry S.*Passed*—Burke, John A.

OPERATIVE DENTISTRY.

Class I—Tolson, Harry S.*Passed*—Burke, John A.; Crowe, A. Boyd; Faulkner, Alden W.

ORTHODONTIA.

Class I—Faulkner, Alden W.; Tolson, Harry S.*Passed*—Burke, John A.; Crowe, A. Boyd.

MATERIA MEDICA, ORAL AND GENERAL THERAPEUTICS.

Passed—Burke, John A.; Crowe, A. Boyd; Faulkner, Alden W.; Tolson, Harry S.

GENERAL AND ORAL PATHOLOGY AND BACTERIOLOGY.

Class I—Crowe, A. Boyd; Faulkner, Alden W.; Tolson, Harry S.*Passed*—Burke, John A.

METALLURGY.

Class I—Crowe, A. Boyd; Faulkner, Alden W.; Tolson, Harry S.*Passed*—Burke, John A.

SUPPLEMENTARY EXAMINATION.

JUNIOR CHEMISTRY.

Passed—Burke, John A.

SECOND YEAR.

ANATOMY.

CHEMISTRY.

PHYSIOLOGY.

Passed—Hopper, Anson D.

DENTAL HISTOLOGY AND COMPARATIVE ANATOMY.

Passed—Hopper, Anson D.

OPERATIVE DENTISTRY.

Passed—Hopper, Anson D.

PROSTHETIC DENTISTRY.

Passed—Hopper, Anson D.

FIRST YEAR.

ANATOMY.

Passed—Cowan, C. Harold; Daniel, H. LeMert; Parker, Charles W.

BIOLOGY.

Passed—Chisholm, G. P.; Cowan, C. Harold; Daniel, H. LeMert; Nicholson, Malcolm; Parker, Charles W.

PHYSICS.

Passed—Chisholm, George P.; Daniel, H. LeMert (exempt); Parker, Charles W.

HISTOLOGY.

Class I—Parker, Charles W.

Passed—Chisholm, G. P.; Cowan, C. Harold; Daniel, H. LeMert.

CHEMISTRY.

Passed—Chisholm, George P.; Parker, Charles W.

OPERATIVE DENTISTRY.

Passed—Chisholm, George P.; Cowan, C. Harold; Daniel, H. LeMert; Nicholson, Malcolm; Parker, Charles W.

PROSTHETIC DENTISTRY.

Class I—Chisholm, George P.; Cowan, C. Harold; Daniel, H. LeMert; Parker, Charles W.

Passed—Nicholson, Malcolm.

STUDENTS, 1910-11

FACULTY OF ARTS AND SCIENCE

(The number following the name indicates the year of a student's course. "Sp." indicates a Special student.)

Ackhurst, Ernest Victor	Halifax.
Allen, Kathleen Emma	Halifax.
Allison, Laurie McCallum	Halifax.
Amos, Rena Maud	Oxford.
Archibald, Alfred Arnold	New Westminster, B. C.
Archibald, Alexander Daniel, 1	New Town, Guys. Co.
Archibald, Harry Bambrick, Sp.	Truro.
Archibald, Leith Prescott	Upper Stewiacke.
Armitage, Helen Dorothy, 4	Halifax.
Arthur Edna Maude	Halifax.
Ashkins, Nathan Thomas, 2	Weymouth.
Auld, Walter Richard, 2	Freetown, P. E. I.
Bancroft, George Russell	Halifax.
Bayer, Lillian Beatrice, 1	Rockingham.
Bayne, Thomas Arthur, 1	Hillsboro, C. B.
Beaton, John	Caledonia, P. E. I.
Bell, Hugh, Philip	Halifax.
Bethune, Gordon, 1	Baddeck.
Billman, Walter Melville, 2	Halifax.
Black, Charles Guy	Oxford.
Blackadar, Karl Kenneth, 1	Hebron.
Blackie, Edith May	Halifax.
Bligh, Harriet Alice, 3	Lakeville, Kings Co.
Bliss, Nora Muir, 1	Halifax.
Blois, Harry Morris	Dartmouth.
Boak, Charlotte Fillis, 3	Halifax.
Britton, Harold Earle, 1	Oxford.
Brown, Geoffrey Morrow	Halifax.
Brownell, Laurence Edward, 3	Truro.
Buckley, Eileen Avery, 1	Halifax.
Cameron, Donald Alexander, 4	Sutherland's River.
Cameron, William M.	Halifax.
Campbell, Jean Pauline, 1	Windsor.
Campbell, Laurence Blair, 2	Halifax.
Carson, Frank S., 1	Dartmouth.
Carson, James Brittain, 2	Dartmouth.
Carson, Ralph Burgess, 2	Dartmouth.
Chisholm, Edith Annie, 3	Halifax.
Chisholm, James Stanley	Halifax.
Clayton, Edward Reginald, 3	Halifax.
Clayton, Mary Louise, 2	Halifax.
Clemen, Rudolf Alexander, 2	Halifax.
Cockburn, Kathleen, 2	St. Andrew's, N. B.
Collier, Florence, 3	Sydney, C. B.
Colquhoun, Lillias Williamina, 3	Halifax.
Cox, Otis Stanleigh, 2	Upper Stewiacke.
Craigie, Thomas Maitland	French River.
Crandall, Grace Chipman, 2	Halifax.
Crawford, Agnes	Halifax.
Creighton, John James	Scotsburn, Pictou Co.

Crichton, Helen Ramsay	Halifax.
Crowe, Clara Alice, 2	Truro.
Crowe, Waldo Perley, 1	Truro.
Crowell, Deborah Constance Hopkins	Halifax.
Cunningham, Velma Purvis	Antigonish.
Currie, Mary Maud, 2	Tatamagouche.
Davidson, Mary Isabella, 3	Amherst.
Day, Robert Earle, 2	Halifax.
Dennis, Sara Miller, 3	Halifax.
Dickie, Annie Katherine, 3	Can. Onslow, Col. Co.
Dickie, John Barrie, 2	Truro.
Dickie, Walter Reginald, 4	Stewiacke.
Dickson, William Parker, 1	Londonderry.
Doane, Harvey William Lawrence	Halifax.
Doull, James Angus, 3	New Glasgow.
Drysdale, Carry Margaret, 2	Tatamagouche.
Drysdale, Nettie Roach., 2	Tatamagouche.
Dwyer, Gerald, Sp.	Halifax.
Earle, Bayne D., 3	St. John, N. B.
Earle, Chester Allan Moore, 4	St. John, N. B.
Evans, Cyril Ansell, 1	Halifax.
Faulkner, Georgene Lillian, 3	Halifax.
Ferguson Malcolm, 2	Caledonia Mine, C. B.
Fisher, Eliza, Sp.	Halifax.
Floyd, George Daniel, 2	Westville.
Forsyth, Edna Irene, 2	Dartmouth.
Fraser, Catherine Jean, 2	Westville.
Fraser, David Read, 3	Whim Rd. Cross, P.E.I.
Fraser, Dorothy May, 2	Moncton.
Fraser, Edward James Oxley, 4	Shelburne.
Fraser, Isaac Matheson, 1	Pictou.
Freeman, Robert Porter, 2	Halifax.
Garrett, Harry Leigh, 3	Sheffield Mills, K. Co.
Gass, Charles Leon, 4	Londonderry.
Godfrey, Alexander Taylor, 1	Brooklyn, Queens Co.
Gothorpe, Sara Gertrude, 1	Harbor Grace, Nfld.
Graham, Frank Dunstone, 2	Halifax.
Grant, Gerald Wallace, 2	Halifax.
Grant, Frances Havergal	Halifax.
Grant, Isabel Macgillivray, 4	Springville, Pictou Co.
Grant, William Alexander, 2	West River, Pictou Co.
Gray, Samuel Wilson, 2	Westville.
Guildford, David Adams, 2	Halifax.
Gunn, Helen Catherine, 4	East River, St. Mary's.
Hall, Reuben Stanford, 1	Halifax.
Hamilton, Percy Douglas	Brookfield, Col. Co.
Hanna, William Fielding, 1	Middle Musquodoboit.
Hardy, Francis Aubrey, 1	Halifax.
Hawkins, Charles Robert, 2	Lunenburg.
Hayden, Frank George, 1	Halifax.
Hayes, James Bertram	Halifax.
Heffler, Foster Almon., 2	Halifax.
Henderson, Edith McLeod, 1	Liverpool, Eng.
Henderson, George Hugh, 2	Pictou.
Henderson, Marion Bessie., 3	Union Road, P. E. I.
Henry, Charles Blanchard, 2	Halifax.
Henry, Jean, 3	River John, Pictou Co.
Henry, Jessie Ellen, 3	River John, Pictou Co.
Herman, Arthur Kenneth, 4	Dartmouth.
Herman, George Evans, 4	Dartmouth.

Hibbert, Thomas Maxwell, 4	Berwick.
Hiseler, Frank Ernest, 3	Halifax.
Holder Ella Geraldine, 4	Halifax.
Irvine, William Stephenson, 2	St. John.
Irving, John Duncan, 2	New Glasgow.
Irving, Margaret Patterson, 3	New Glasgow.
Irving, William Sowerby, 2	Bearville, Kent Co., N.B.
James, Alan McKenzie, 4	Halifax.
Johnstone, John Hamilton Lane, 4	Dartmouth.
Johnston, Frances Katherine, 1	Dartmouth.
Jones, Hervey West, 3	Halifax.
Jones, Owen Bell, 4	Halifax.
Keeler, George Lorimer, 3	Dartmouth.
Keith, Kathleen, Sp.	Halifax.
Kemp, Hector Downie, 2	St. Peter's, C. B.
Kerr, Ephraim, 2	Belfast, Ireland.
King, George Kinnear, 3	Buctouche, N. B.
Kirk, Oscar Howe, 1	Dalhousie, N. B.
Knowlton, James Edward, 4	Parrsboro, N. S.
Lantz, Gwendolen Jean, Sp.	Halifax.
Lantz, Nora Gladys, 3	Halifax.
Lent, James Murrie, 2	Tusket.
Leslie, Kenneth, 4	Halifax.
Lewis, George Murray, 3	Yarmouth.
Little, Ferguson Robert, 4	Halifax.
Logan, Heber Meredith, 2	Bedford.
Lyons, James Norbert, Sp.	Halifax.
MacAulay, Peter, 1	Big Baddeck, C. B.
McCabe, John Maxwell, 3	Durham, Pictou Co.
McCharles, Malcolm, 1	Baddeck.
McCurdy, Dexter Scott, 2	Truro.
McCurdy, Leslie Briggs, 3	Truro.
McDonald, Angus Dan, 4	Skir Dhu, C. B.
Macdonald, John Angus, 3	Sherbrooke, Guys. Co.
MacDonald, James Clarke, 4	Sydney, C. B.
Macdonald, Janet	Sherbrooke, Guys. Co.
Macdonald, Mary Lillian, 3	Sherbrooke, Guys. Co.
MacDonald, Peter, 2	Marion Bridge, C. B.
Macdonald, Stanley Walwin Matheson, 1	Baddeck, C. B.
McGrath, Joseph Percy, 1	Tusket.
McGrath, Walter Neville, 1	Tusket.
McGregor, Athol Fraser, 1	New Glasgow.
MacGregor, Jean Emeline, 4	Amherst.
MacGregor, Jean Margaret, 1	New Glasgow.
MacGregor, Murdoch Robb, 3	Amherst.
MacInnis, Dan Finlayson, 1	Middle River.
MacIntosh, Donald Smith, 3	West River, Pictou Co.
McIntosh, Mabel Irene, 2	King's Head, Pictou.
McIver, Arthur P., 2	Port Bevis, Vic. Co.
MacKay, Alexander Thomas, 4	Pictou.
Mackay, Charles Alexander, 2	Truro.
McKay, Joseph William, 1	Truro.
MacKay, Norman Ericksen, 2	Halifax.
Mackenzie, Archibald, Alex., 4	River John.
McKenzie, Annie Sadie, 4	Low. Mid. River, C. B.
MacKenzie, Charles Edward, 4	Springhill.
McKenzie, Daniel Christie, 3	North Sydney.
MacKinlay, Lois Christie, 2	Charlottetown.

MacKinnon, Angus Harold, 2	Ingonish, C. B.
MacKinnon, William Gordon, 1	Windsor.
McKittrick, Mary Lillian, 3	Kentville.
McLean, Alexander Leslie, 2	Thorburn.
McLean, Margaret McNaughten, 4	Mahone Bay.
McLean, Anna Maude, 1	Charlottetown.
Maclean, Neil Archibald, 1	Big Island.
McLean, Thomas Malcolm, 1	Bridgewater.
McLean, William Buchanan, 4	Sydney, C. B.
McLellan, Frederic Fulton, 2	Noel Shore.
MacLellan, Margaret Electa, 4	Noel Shore.
McLeod, Beverley Frank, 4	Penobsquis.
MacLeod, Charles Tupper, 1	New Haven, C. B.
McLeod, Dan Abraham, 1	Port Bevis.
McLeod, Dan Campbell, 1	S. Side Boularderie.
McLeod, John Charles, 1	Pt. Tupper.
McLeod, McIntosh, 2	Baddeck.
MacLeod, Murdoch Dan, 4	Wreck Cove.
MacLeod, Wilfred John, 3	New Glasgow.
MacMahon, Harry Keith, 2	Waterville.
MacMillan, Duncan Alexander, 3	E. Lake Ainslie.
MacMillan, John Angus, 1	E. Lake Ainslie.
MacNair, Ada Gwendolyn, Sp.	Arthurville, N. B.
McQuarrie, Waldron, 2	Hampton, P. E. I.
McQueen, John Park, 3	King's Head, Pictou.
Magee, Mabel Evelyn, 3	Annapolis.
Margeson, Raymond, 1	Berwick.
Marsters, Charles Galitzan, 3	Halifax.
Millard, Herman, 2	Springhill.
Milne, Everind Hall, 2	Cook's Brook.
Mitchell, Walter, Jr., 4	Halifax.
Morrison, Donald John, 2	Framboise, C. B.
Morrison, Katie, 1	Dartmouth.
Mumford, Beatrice Eugenie, 3	Dartmouth.
Munnis, Dorothy Knaut, 3	Halifax.
Murchison, John Kenneth, 3	Grand River, C. B.
Murchison, John Malcolm, 1	Charlottetown, P. E. I.
Murray, Annie Letitia, 3	Pictou.
Murray, Hugh Allan, 1	North Sydney.
Neish, Robert Arthur, 4	Halifax.
Nelson, Eda Maude, 1	Truro.
Nelson, William McCully, 2	Tatamagouche.
Nicholson, Daniel John, 3	S. S. Baddeck.
Nicoll, Margaret Woollard, 3	Halifax.
Noonan, William Hysanth, 3	Pictou.
O'Brien, Nora Ephrem, 4	Halifax.
Outhit, Marion Currie, 4	Halifax.
Parker, Eugene Troop, 4	Belville.
Patrick, Ivan, 1	Halifax.
Rafuse, Rhea Alcestis, Sp.	Halifax.
Reid, Norman Graham, 1	Green Hill.
Rettie, Annie Isabel, 3	Stillman, Pictou Co.
Reynolds, Horton Munro, 4	Halifax.
Robertson, Alexander William, 4	Brockton, Mass.
Roper, John Shenstone	Halifax.
Ross, Agnes Stewart, 1	St. John.
Ross, Margaret Irving, 4	St. John.
Ross, William Alexander, 4	St. John.

Salter, Benjamin Chalmers, 2	Chatham, N. B.
Seaman, Rupert F., 2	Charlottetown.
Sibley, Gladys Marguerite, 2	Halifax.
Silver, Marguerita Hattnal Louise	Halifax.
Smeltzer, Harold Roland, 3	Mahone.
Smith, Charles Gordon, 2	North Sydney.
Smith, Ernest Spurgeon, 3	North Sydney.
Smith, Gladys Una, 4	Halifax.
Smith, Helena V., 1	Halifax.
Smith, Harold Archibald, 2	Sydney.
Smith, Lloyd Keating, 2	Londonderry.
Smith, Marion, 1	Dartmouth.
Stapleton, William Clarke, 4	Dartmouth.
Stairs, Hugh Morrow, 2	Halifax.
Stairs, John, Cuthbert, 3	Halifax.
Stewart, Florence MacGregor, 4	Halifax.
Stewart, John McKenzie, 1	Grove's Pt., C. B.
Stoddard, Robert Harvey, 1	Oyster Pond, Jeddore
Strachan, Annie McNab, Sp.	Rockingham.
Sutherland, Colin George, 2	New Glasgow.
Swanson, John King, 2	Kentville.
Sylvester, George Macdonald, 4	New Glasgow.
Thompson, S. S., Sp.	New Maryland, N. B.
Toomey, Fannie Hazel, 3	Halifax.
Townsend, William Thomas, 4	Tangier.
Umlah, Annie Lecina Boak, 2	Halifax.
Underwood, George Reuben	Five Mile River.
Vair, James Douglas, 4	Charlottetown.
Whitman, Inez Leona, 2	Aylesford.
Weatherbee, John Alexander Thos., 4	New Glasgow.
Wier, Elsie May, 4	Halifax.
Williston, Charles Hedley Penn, 2	Halifax.
Withrow, Helena Howe, 3	Elmsdale.
Yeoman, Alan Ritchie, 2	Halifax.
Yeoman, Robert Forsyth, 2	Halifax.
Zwicker, Robert Josiah, 2	LaHave.

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FACULTY OF LAW.

THIRD YEAR

Blanchard, Charles Prescott, B. A. (Dal)	Truro.
Burns, Ralph Chester, B. A. (Dal)	Milltown, N. B.
Cameron, Donald Alexander	Pictou.
Chipman, Charles Rupert	Tupperville.
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
McGrath, John William	St. John's, Nfld.
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.)	New Waterford, C. B.
MacLennan, Daniel Alexander	Nyanza, C. B.
MacNeil, John, B. A. (Dal)	Glace Bay, C. B.
Mavor, John Stewart, B. A. (Dal)	Fredericton, N. B.
Milner, Ray, B. A. (Kings)	Halifax.

Newcombe, Harry Philip	Canning.
Owen, Daniel	Annapolis Royal.
Robertson, Robert Burnley Hume, B. A. (Dal.)	Barrington Passage.
Robinson, Lewis 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.

SECOND YEAR.

Blois, Harry Morris	Halifax.
Boyd, Donald David, M. A. (St. F. X.)	River Bourgeois.
Christie, Frank Lionel	Barrington Passage.
Deane, Robert Sedgewick	Upper Musquodoboit.
Duffy, Leon Levett, B. A. (Dal.)	Hillsboro, N. B.
Dysart, Albert Allison	Cocagne, N. B.
Fairweather, Ernest Eugene, M. A. (Acadia)	Kentville.
Forbes, Evan McKenzie	North Sydney.
Layton, Francis	Truro.
Martell, Lewis Herbert, B. A. (Kings)	Louisburg, C. B.
O'Neil, Francis M.	Fredericton, N. B.
Ralston, Ivan Steele	Amherst.
Rice, George Edward Anthony	Bear River.
Smiley, John Stanley, M. A. (Mt. A.)	St. Stephen, N. B.
Stack, Luke Hannan	Melrose, N. B.

FIRST YEAR.

Arenberg, Harry Roy	Lunenburg.
Dickson, James Bacon	Fredericton, N. B.
Jones, Alexander William	Amherst.
Long, George Fred Heber	Centreville, N. B.
McPherson, Murdoch Alexander	Grand Anse, C. B.
Maloney, Clarence McDonald	San Fernando, W. I.
Michaud, Joseph Enoil, B. A. (Laval)	Edmundston, N. B.
Morse, Hermann Clare, B. A. (King's)	Middleton.
Myers, Maurice A. ..	Glace Bay, C. B.
Roper, John Shenton, B. A. (Dal.)	Halifax.
Ryan, Joseph Lawrence, B. A. (U. N. B.) ..	Three Brooks, N. B.
Skinner, William Henry	Calgary, Alta.

GENERAL STUDENTS.

Billman, Walter Melville	Halifax.
Black, Charles Guy	Oxford.
Blois, Harry Morris	Halifax.
Dares, Robie St Clair	Dartmouth.
Fraser, Edward James Oxley	Shelburne
Graham, Roderick Douglas	New Glasgow.
Hamilton, Percy Douglas	Brookfield, Colchester.
McKay, Alexander Thomas	Pictou.
Mackenzie, Archibald Alexander	River John.
Nelson, William McCully	Tatamagouche.
Nicholson, Daniel John	Up. Mid. River, C. B.
Parker, Eugene Troop	Belleville, Yarmouth.
Ross, William Alexander	St. John, N. B.
Stairs, John Cuthbert	Halifax.
Stewart, James McGregor	Pictou.
Vair, James Douglas	New Glasgow.
Woodin, Lester Ancil	Sydney, C. B.

FACULTY OF MEDICINE.

FOURTH YEAR.

Atlee, Harold Bengé	Annapolis Royal.
Balcom, Bessie Euphemia	Aylesford.
Barnes, William Fielding	Halifax.
Brison, Eliza Perley	West Gore, Hants.
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.
Kenney, William Francis	Halifax.
MacAskill, Fred Graham	St. Peter's, C. B.
McLeod, Donald Angus	Point Tupper, C. B.
MacLeod, John Roderick Bethune	Grand River Richm.
MacRitchie, John James	Englishtown, C. B.
Murdoch, John Allan McIntosh	Sherbrooke.
Saunders, Reginald McKean	Clarence West, Annap.
Schwartz, Hugh William	Halifax.
Thibault, Siffroi Henry	Salmon River, Digby.
Titus, Robie Leslie	Westport, Digby.

THIRD YEAR.

Barss, Geoffrey, Alden	Dartmouth.
Beaton, John	Caledonia, P. E. I.
Bethune, Roderick Owen	Baddeck.
Creighton, Thomas McCully	Dartmouth.
Finlay, Francis Stanislaus	Halifax.
Goodwin, Guy Stewart	Halifax.
Grant, Harry Goudge	Halifax.
Johnson, James MacGregor	Tatamagouche.
MacAulay, John Philip	Englishtown, C. B.
MacKinnon, Albert Hugh	Pictou Landing.
Wilson, Arthur Augustus Cuthbert	Springhill.

SECOND YEAR.

Campbell, Alexander Rae	Halifax.
Deveau, Alfred Joseph	Meteghan, Digby.
Dickie, Walter Reginald	Stewiacke.
Doull, James Angus	New Glasgow.
Gass, Charles Leonard	Londonderry.
Horne, Albert Edward	Halifax.
Lebetter, Thomas Alphonsus	North Sydney.
Little, Ferguson Robert	Halifax.
McKenzie, Seymour Gourley	Truro.
McKeough, William Thomas	Afton, Antig.
McLean, Jean Augusta	North Sydney.
McNeil, Daniel	Mabou.
Mackasey, William Patrick	Moncton, N. B.
Morton, Lewis Mark	Springfield, Annap.
Reid, John Burris	Midd. Musquodoboit.
Tompkins, Miles Gregory	East Margaree, C. B.
Withrow, Ralph Roscoe	Elmsdale.

FIRST YEAR.

Balcom, Samuel Rosborough	Port Dufferin, Halifax.
Blackett, Arthur Edwin	Glace Bay, C. B.
Brean, Joseph Seward	Glace Bay, C. B.
Chisholm, Stanley James	Halifax.
Currie, James Albert	Port Morien, C. B.
Davidson, Victor David	Truro.
Densmore, Fred Thompson	Noel Shore, Hants.
Gittleson, Philip Michael	Glace Bay, C. B.
Godfrey, Alexander Taylor.....	Brooklyn, Queens.
Godfrey, Harry Munn	Marshfield, P. E. I.
Graham, Judson Vye	New Glasgow.
Grant, William Alexander.....	West River, Pictou.
Heal, James Gordon Freeman	Dartmouth.
Kilpatrick, Eliza	Sydney Mines.
LeBlanc, Joseph Emile	Church Point, Digby.
McInnis, Daniel Finlayson.....	Middle River, Vict.
Marsters, Charles Galitzan	Pine Hill, Halifax.
Meech, Lloyd Remington	North Sydney.
Moore, Hugh Stewart	Kentville.
Read, Walter Welton	Halifax.
Seaman, Rupert Frederick	Charlottetown, P. E. I.
Sylvester, George Macdonald	New Glasgow.
Wiswell, Gordon Blanchard	Halifax.

FACULTY OF DENTISTRY.

THIRD YEAR.

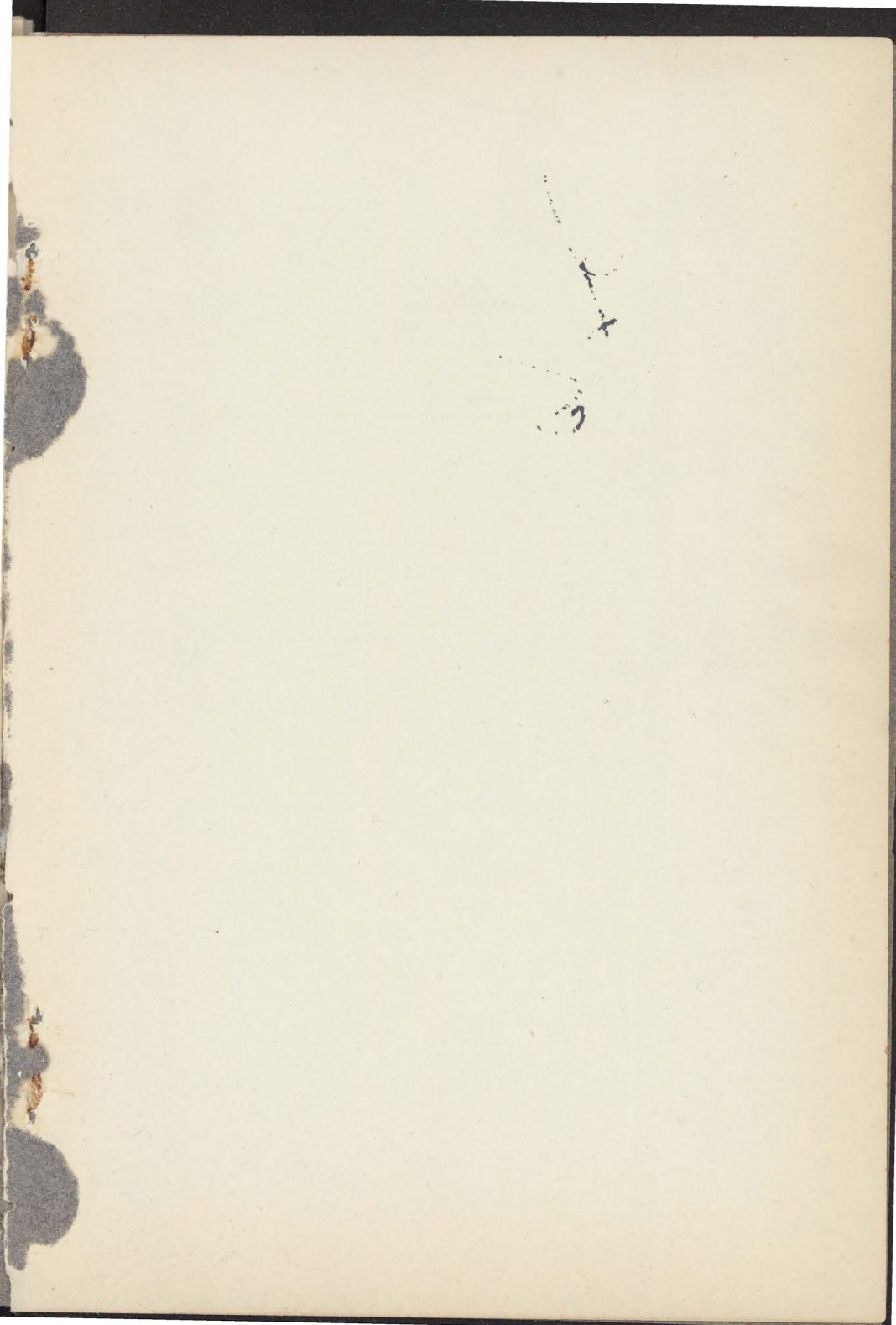
Burke, John A.	St. John's, Nfld.
Crowe, A. Boyd.....	Annapolis, N. S.
Faulkner, Alden W.	Selmah, N. S.
Tolson, Harry S.	Bedford, N. S.

SECOND YEAR.

Hopper, Anson D.	Truro, N. S.
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FIRST YEAR.

Chisholm, George P.	Halifax, N. S.
Cowan, C. Harold	Regina, Sask.
Daniel, H LeMert	Bear River, N. S.
McRae, Vincent	Moose's Creek, Ont.
Nicholson, Malcolm	Halifax, N. S.
Parker, Charles W.	Belle Isle, N. S.



First Year

Adams, John C. 10
 Adams, John C. 11
 Adams, John C. 12
 Adams, John C. 13
 Adams, John C. 14
 Adams, John C. 15
 Adams, John C. 16
 Adams, John C. 17
 Adams, John C. 18
 Adams, John C. 19
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Adams, John C. 31
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 Adams, John C. 39
 Adams, John C. 40
 Adams, John C. 41
 Adams, John C. 42
 Adams, John C. 43
 Adams, John C. 44
 Adams, John C. 45
 Adams, John C. 46
 Adams, John C. 47
 Adams, John C. 48
 Adams, John C. 49
 Adams, John C. 50

STUDENTS OF DENISTRY

First Year

Adams, John C. 10
 Adams, John C. 11
 Adams, John C. 12
 Adams, John C. 13

Adams, John C. 14
 Adams, John C. 15
 Adams, John C. 16
 Adams, John C. 17

Second Year

Adams, John C. 10
 Adams, John C. 11
 Adams, John C. 12
 Adams, John C. 13

Adams, John C. 14
 Adams, John C. 15
 Adams, John C. 16
 Adams, John C. 17

Third Year

Adams, John C. 10
 Adams, John C. 11
 Adams, John C. 12
 Adams, John C. 13
 Adams, John C. 14
 Adams, John C. 15
 Adams, John C. 16
 Adams, John C. 17
 Adams, John C. 18
 Adams, John C. 19
 Adams, John C. 20

Adams, John C. 21
 Adams, John C. 22
 Adams, John C. 23
 Adams, John C. 24
 Adams, John C. 25
 Adams, John C. 26
 Adams, John C. 27
 Adams, John C. 28
 Adams, John C. 29
 Adams, John C. 30

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