

Howard L. Benson

CALENDAR

OF

DALHOUSIE UNIVERSITY

HALIFAX - NOVA SCOTIA

1924-1925.



HALIFAX:

PRINTED FOR THE UNIVERSITY BY WM. MACNAB & SON

1924

TIME TABLE—ARTS AND SCIENCE, 1924-25.

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9	Greek 2..... French 2..... History 1..... Phil 9..... Corp. Fin. Physics 20..... Chem. 1 1A..... Mech. 2†,3*	Greek 1..... French 1, 2..... Elem. German Phil 6..... Physics 3..... Chem. 6..... Marketing.....	Greek 2..... French 2..... History 1..... Phil 9..... Corp. Fin. Physics 20..... Chem. 1, 1A 7..... Mech. 2†,3*..... Biol. 4.....	Greek 1..... French 1, 2..... Elem. German Phil. 6..... Physics 3..... Chem. 6..... Marketing.....	Greek 2..... French 2..... History 1..... Phil. 6..... Corp. Fin. Physics 20..... Chem. 1, 1A..... Mech. 2†,3*..... Biol. 4.....	Greek 1..... French 1, 2..... Elem. German Chem. 2..... Corp. Fin..... Chem. 1, 1A..... Mech. 2†,3*..... Biol. 4.....	Greek 1..... French 1, 2..... Elem. German Chem. 2..... Chem. 6 Lab. Draw. 2.....
10	Latin 2..... Elem. Greek. History 1, 3..... Phil. 8..... Math. 1, 1C..... Physics 1..... Chem 4..... Geol. 1..... Surveying.....	Latin 1..... French 1, 2..... German 1..... History 9..... Economics 4..... Phil. 5..... Math. 4..... Geol. 2.....	Latin 2..... Surveying..... History 1, 3..... Phil. 8..... Math. 1, 1C..... Physics 1..... Chem. 4..... Geol. 1..... Biol. 4 Lab.....	Latin 1..... French 1, 2..... German 1..... History 9..... Economics 4..... Phil. 5..... Math. 4..... Geol. 2.....	Latin 2..... Elem. Greek. History 1, 3..... Phil. 8..... Math. 1, 1C..... Physics 1..... Chem. 4..... Geol. 1..... Biol. 4 Lab.....	Latin 1..... French 1, 2..... German 1..... Chem 4 Lab. Draw. 2.....	Latin 1..... French 1, 2..... German 1..... Chem 4 Lab. Draw. 2.....
11	Latin 2..... English 1..... Economics 1..... Math. 3..... Acct'y. 2.....	Elem. Latin..... Latin 3..... Spanish 2..... History 4..... Math. 1, 2..... Geol. 10..... Mech. 4.....	Latin 2..... English 1..... Economics 1..... Math. 3..... Biol. 4 Lab..... Acct'y. 2.....	Elem. Latin..... Latin 3..... Spanish 2..... History 4..... Math. 1, 2..... Geol. 10..... Mech. 5.....	Latin 2..... English 1..... Economics 1..... Math. 3..... Biol. 4 Lab..... Acct'y. 2.....	Elem. Latin..... Chem. 4 Lab. Spanish 2..... Draw. 2..... Math. 3..... Biol. 4 Lab..... Math. 1..... Geol. 10.....	Elem. Latin..... Chem. 4 Lab. Spanish 2..... Draw. 2..... Math. 3..... Biol. 4 Lab..... Math. 1..... Geol. 10.....
12	Latin 1..... Greek 3..... Elem. French..... English 2..... Economics 1..... Physics 2..... Mech. 4..... Elem. Chem.....	Latin 1..... Greek 3..... Elem. French..... English 2..... Economics 1..... Physics 2..... Mech. 4..... Elem. Chem.....	Latin 1..... Greek 3..... Elem. French..... English 2..... Economics 1..... Physics 2..... Mech. 4..... Elem. Chem.....	Latin 1..... Greek 3..... Elem. French..... English 2..... Economics 1..... Physics 2..... Mech. 4..... Elem. Chem.....	Latin 1..... Greek 3..... Elem. French..... English 2..... Economics 1..... Physics 2..... Mech. 4..... Biol. 4 Lab.....	Latin 1..... Greek 3..... Elem. French..... English 2..... Economics 1..... Physics 2..... Mech. 4..... Biol. 4 Lab.....	Latin 1..... Greek 3..... Elem. French..... English 2..... Economics 1..... Physics 2..... Mech. 4..... Biol. 4 Lab.....
2.30	German 2..... History 7..... Gov't. 5..... Philos. 1..... Physics 3 Lab. Chem. 1, Lab. Biol. 5..... Draw. 1, 1B..... Acct'y. 1..... English 1A.....	Elem. Greek..... Spanish 10..... English 9..... Gov't. 6..... Chem. 2, Lab. Biol. 1..... Music 1, 2..... Surveying..... Chem. 1A, Lab. English 1A.....	German 2..... History 7..... Gov't. 5..... Philos. 1..... Physics 2, Lab. Biol. 5..... Mech. 3..... Acct'y. 1..... English 1A.....	Elem. Greek..... Spanish 10..... English 9..... Gov't. 6..... Chem. 2, Lab. Biol. 1..... Music 1, 2..... Surveying..... Chem. 1A, Lab. English 1A.....	Geol. 1, Lab. Physics 1 Lab. Gov't. 5..... Philos. 1..... Draw. 1, 3..... Acct'y. 1..... English 1A.....	Geol. 1, Lab. Physics 1 Lab. Gov't. 5..... Philos. 1..... Draw. 1, 3..... Acct'y. 1..... English 1A.....	Geol. 1, Lab. Physics 1 Lab. Gov't. 5..... Philos. 1..... Draw. 1, 3..... Acct'y. 1..... English 1A.....
3.80	Archaeology..... Spanish 1..... Economics 3..... Gov't. 1..... Phil. 4..... Physics 3, Lab. Chem. 1, Lab. Biol. 5, Lab. Draw. 1, 1B..... History 1A.....	French 3..... Spanish 1..... English 3, 8..... Economics 2..... Gov't. 4..... Chem. 2, Lab. Biol. 1, Lab. Music 1, 2..... Surveying..... Chem. 1A, Lab.	Archaeology..... Spanish 1..... Economics 3..... Gov't. 1..... Phil. 4..... Physics 2, Lab. Biol. 5, Lab. Mech. 3..... History 1A.....	French 3..... Spanish 1..... English 3, 8..... Economics 2..... Gov't. 4..... Chem. 2, Lab. Biol. 1, Lab. Music 1, 2..... Surveying..... Chem. 1A, Lab.	Physics 1, Lab. Spanish 1..... Geol. 1, Lab. Gov't. 1..... Draw. 1, 3..... Acct'y. 1..... English 1A.....	Physics 1, Lab. Spanish 1..... Geol. 1, Lab. Gov't. 1..... Draw. 1, 3..... Acct'y. 1..... English 1A.....	Physics 1, Lab. Spanish 1..... Geol. 1, Lab. Gov't. 1..... Draw. 1, 3..... Acct'y. 1..... English 1A.....
4.80	Phil. 12..... Physics 3, Lab. Chem. 1, Lab. Biol. 5, Lab. Draw. 1, 1B..... Surveying.....	Bib. Lit..... English 4..... Phil. 11..... Chem. 2, Lab. Biol. 1, Lab..... Chem. 1A, Lab.	Phil. 12..... Physics 2, Lab. Biol. 5, Lab. Mech. 3.....	Bib. Lit..... English 4..... Phil. 11..... Chem. 2, Lab. Biol. 1, Lab..... Surveying..... Chem. 1A, Lab.	Physics 1, Lab. Geol. 1, Lab. Draw. 1, 3.....	Physics 1, Lab. Geol. 1, Lab. Draw. 1, 3.....	Physics 1, Lab. Geol. 1, Lab. Draw. 1, 3.....

*First Term.
†Second Term.

Phys 70
Biol
Chem 4
Geol

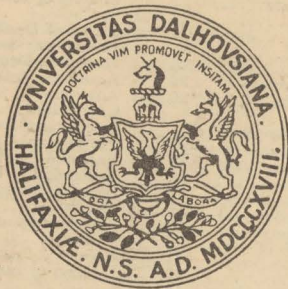
CALENDAR

OF

DALHOUSIE UNIVERSITY

HALIFAX - NOVA SCOTIA

1924-1925



HALIFAX:
PRINTED FOR THE UNIVERSITY BY WM. MACNAB & SON
1924

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UNIVERSITY ALMANAC, 1924-1925.

1924.

- Aug. 25 M. —Last day for receiving applications* for Supplementary Examinations.
- Sept. 8 M. } —Session Begins. Registration (and Payment of Fees) and Supplementary Examinations for students in Law, Medicine, Dentistry and Engineering except for first year in Medicine and Dentistry.
- 10 W. }
- 10 W. —Lectures begin and last regular Registration †† Day for such students.
- 13 S. —9 to 12 a. m., Last Registration Day (and Payment of Fees) for such students.
- 20 S. —Last day for receiving applications* for Matriculation (and Scholarship) Examinations.
- 22 M. —Registration (and Payment of Fees) begins in Arts and Science. Matriculation (and Scholarship) and Supplementary Arts and Science Examinations† begin.
- 23 Tu. —9.30—12.30 a. m., Latin; German.**
—2.30—5.30 p. m., English.
- 24 W. —9.30—12.30 a. m., French; Greek.**
2.30—5.30 p. m., Physics.
- 25 Th. —9.30—12.30 a. m., Geometry.
2.30—5.30 p. m., Chemistry.
- 26 F. —9.30—12.30 a. m., Algebra.
2.30—5.30 p. m., Trigonometry, History.**
- 27 S. 9 to 12 a. m., —Last Regular Registration†† (and Payment of Fees) Day in Arts and Science.
Results of Matriculation and Supplementary examinations declared.
- 29 M. —9 a. m., Lectures begin in Arts and Science.
- 30 Tu. —11 a. m., Meeting of Faculty of Arts and Science.
- Oct. 4 S. —9—12 a. m., Last Registration Day in Arts and Science.
- 8 W. —Intimation as to elective subjects to be made on or before this day in Arts and Science Faculty.
- Dec. 11 M. —Thanksgiving Day. No Lectures.
- 17 W. —Last day of lectures in classes wherein Christmas examinations are held.
- 17 W. —Christmas Examinations‡ begin.
- 22 M. —Last day of lectures.
- 23 Tu. —9 a. m., Christmas vacation begins.

1925.

- Jan. 5 M. —9 a. m., Lectures resumed.
- Mar. 1 S. —Last day for receiving theses for Master's degree.
- 28 S. —Last day for receiving Applications* for Examinations for Master's degree and for Music and Pharmacy.
- Apr. 6 M. —Last day for receiving Applications* for Spring Supplementary Examinations and for payment of Annual Examination Fees in Medicine and Dentistry.
- 10 F. —Good Friday. No lectures.
- 20 M. —Last day of Lectures.
- 22 W. —Spring Examinations‡ begin.
- 30 Th. —Final Professional Examinations in Medicine and Dentistry begin.
- May 7 Th. —11 a. m., Meeting of Faculty of Arts and Science.
4 p. m., Meeting of Faculty of Law.
8 p. m., Meeting of Faculty of Dentistry.
- 8 F. —11 a. m., Meeting of Senate.
5 p. m., Meeting of Faculty of Medicine.
Results of Examinations declared.
- 12 Tu. —3 p. m., Convocation Session ends.

*Fee must accompany application for examination.

**In case of conflict of examinations arrangements will be made for changes suitable to all candidates.

†For time table see Notice Board.

††Extra fee for late Registration \$2.00 per day.

Dalhousie University.

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- D. Fraser Harris, M. B., C. M., M. D. (Glasg.), B. Sc. (Lond.), D. Sc. (Birm.), F. R. SS. E. & C., *Professor of Physiology.*
- A. G. Nicholls, M. A., M. D., C. M., D. Sc. (McGill), F. R. S. C., *Professor of Pathology and Bacteriology, 86 Oxford St.*
- John Cameron, M. D. (Edin.), D. Sc. (St. And.), F. R. SS. E. & C., M. R. C. S., *Dr. D. G. J. Campbell Memorial Professor of Anatomy, 388 South Street.*
- J. H. L. Johnstone, M. Sc. (Dal.), Ph. D. (Yale), *Professor of Physics, 285 South Street.*
- C. B. Nickerson, A. M. (Clark), *Professor of Chemistry, Armdale.*
- A. Stanley Walker, M. A. (Leeds & Birm.), *Professor of History (King's), 245 Oxford Street.*
- Eldrid Gordon Young, B. A., M. Sc. (McGill), Ph. D. (Cantab.), *Professor of Biochemistry, 93 LeMarchant Street.*
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- Margaret R. Chase, B. A. (Acad.), M. D., C. M. (Dal.), *Laboratory Technician in Pathology, Shirreff Hall.*

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- F. E. Lawlor**, M. D., C. M. (McGill), *Demonstrator of Mental Diseases*, Dartmouth.
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- J. F. Lessel**, M. D., C. M. (Dal.), *Demonstrator of Anaesthetics*, 151 South Park Street.
- M. J. Carney**, B. A. (Dal.), M. D., C. M. (McGill), *Lecturer on Paediatrics and Clinical Medicine*, 115 Oxford Street.
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- James R. Corston**, B. A., M. D., C. M. (Dal.), *Lecturer on Therapeutics*, 337 Brunswick Street.
- G. A. Burbidge**, Member of N. S. Pharm. Soc., *Lecturer and Demonstrator in Materia Medica*, 194 Robie St.
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- A. C. Jost**, M. D., C. M. (McGill), *Lecturer on Hygiene and Public Health*, 85 Cambridge St.
- H. A. Chisholm**, C. M. G., M. D., C. M. (McGill), *Lecturer on Hygiene and Public Health*, 106 Inglis St.
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- Dean of the Faculty, **Dr. Stewart.**
- Secretary of the Faculty, **Prof. Harris.**
- Committee on Studies and Attendance. { **President Mackenzie.**
Dean Stewart, Prof. Harris, Sec.
Prof. Nicholls, Prof. Hattie.
Dr. MacDougall.

FACULTY OF DENTISTRY, 1923-24.

- A. Stanley Mackenzie, B. A. (Dal.), Ph. D. (J. H. U.), D. C. L. (Vind.), LL. D. (Queen's, McGill and Mt. A.), F. R. S. C., *President of the University.*
- A. W. Cogswell, M. D., C. M. (Hfx. M. C.), D. D. S. (U. of P.), *Professor of Dental Pathology and Therapeutics, 105 Hollis St.*
- S. G. Ritchie, B. A. (U. N. B.), D. M. D. (T. D. C.), *Professor of Dental Anatomy and Comparative Dental Anatomy and Lecturer on Drawing and Modelling, St. Paul Building.*
- F. W. Ryan, D. D. S. (U. of M.), *Professor of Operative and Clinical Dentistry, 7 Spring Garden Road.*
- G. K. Thomson, D. D. S. (P. D. C.), *Professor of Crown and Bridge Work and Lecturer in Hygiene and Preventive Dentistry, Chronicle Building.*
- F. V. Woodbury, M. D., C. M. (Dal.), L. R. C. S. and L. R. C. P. (Edin.), L. F. P. S. (Glas.), *Professor of General and Oral Surgery and Anaesthetics, 105 South Park St.*
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- John Cameron, M. D. (Edin.), D. Sc. (St. And.), F. R. SS. E. & C., M. R. C. S., *Dr. J. G. D. Campbell Memorial, Professor of Anatomy, 388 South Street.*
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- H. S. King, A. B. (Harv.), *Assistant Professor of Chemistry, Armdale.*
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- G. H. Fluck, D. D. S. (P. D. C.), *Lecturer in Prosthetic Dentistry*, 122 Hollis St.
- W. C. Oxner, D. D. S. (B. C. D. S.), *Lecturer in Crown and Bridge Work and Ceramics*, 66 Spring Garden Rd.
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- G. R. Hennigar, D. D. S. (B. C. D. S.), *Lecturer in Exodontia and Radiology*, 427 Barrington St
- Philip Weatherbe, M. B., Ch. B. (Edin.), *Lecturer in Surgery*, 66 Queen St.
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- Dr. S. G. Ritchie
 Dr. F. W. Ryan
 Dr. G. K. Thomson
 Dr. W. W. Woodbury
 Dr. W. H. H. Beckwith
 Dr. W. C. Oxner
 Dr. R. H. Woodbury
 Dr. J. S. Bagnall
- } *Demonstrators in Dental Subjects.*
- O. Gardner, *Technician in Prosthetic Dentistry*, 42 LeMarchant St.
- Frank G. Mack, M. B. (Tor.), *Demonstrator of Bacteriology.*
- W. Alan Curry, M. D., C. M. (McGill), F. R. C. S. (Eng.), *Demonstrator of Anatomy.*
- G. W. Grant, B. A. (Dal.), M. B., Ch. B. (Edin.), *Demonstrator of Anatomy.*
- D. G. A. Chudleigh, D. D. S. (B. C. D. S.), *Lecturer on History, Jurisprudence, Ethics and Economics.*

Dean of Faculty, Dr. Ryan.

Committee
 on Studies
 and Attendance.

} President Mackenzie
 } Dean Ryan, Dr. Ritchie,
 } Dr. D. J. MacKenzie,
 } Dr. J. S. Bagnall, Sec.

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, at that time a part of the Commonwealth of Massachusetts, now of 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 in 1863 with a staff of six professors, the Rev. James Ross, D. D., being President. 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, aggregating about \$350,000, were at that time unparalleled in Canada.

In 1882 Mr. Alexander McLeod, of Halifax, left the residue of his estate, about \$65,000, 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 on Carleton St., 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 University received \$2,000 under the will of Professor Charles Macdonald for a library endowment fund.

In the same year the Alumni began a movement to collect funds for the erection of a library building in memory of Professor Macdonald, and obtained contributions of \$25,000 for the purpose. The erection of this building was not begun until February, 1914, being delayed until a new site for the University should be secured. The corner stone was laid by the Rev. Dr. Allan Pollok on April 29th. In the same year Professor Johnson left a number of his books and a bequest of \$1,000 to the library. In 1917 the library received a further endowment of \$1,000, the gift of President A. Ross Hill, of Missouri University, in memory of his deceased wife, née Agnes Baxter, B. A., '91. In 1921 the late Mrs. Elise Stewart Strathie bequeathed to the University \$1,500 as an endowment for the library in memory of her husband, Rev. R.G. Strathie, B. A. '95.

In 1912 a canvass for funds to pay for the purchase of the Studley estate which had been lately acquired as a new site for the University, and to erect the necessary new buildings and increase the endowment, brought in new subscriptions of about \$400,000. The new home of the University contains more than 40 acres and is

beautifully situated on a partly wooded eminence overlooking the North West Arm. The corner stone of the first of the new buildings, the Science Building, was laid by H. R. H. the Duke of Connaught, on Aug. 15th, 1912. Mr. Andrew Carnegie gave \$40,000 towards the erection of this building on condition that the University set aside a like amount for maintenance. The Science Building and the Macdonald Memorial Library were opened for occupancy in the fall of 1915. A stack, capable of accommodating 125,000 volumes, was added in 1921. In Jan., 1922, a building for the Law School was completed. It is to be used for a time as an Arts Building. The foundations of what is to be the permanent Arts Building have been laid, and a temporary building erected over them to serve as a gymnasium and examination and assembly hall.

Lieut. George W. Stairs, B. A. '09, who fell at Langemarck, bequeathed the sum of \$5,000 to the University.

By the will of Mr. Joseph Matheson, of Lower L'Ardoise, who died in 1915, the University received a legacy of \$15,000.

In 1916 Mr. John Macnab, a life-long friend to the University, died leaving two-thirds of the residue of his estate to the Board of Governors, a portion or all of it at their discretion to be devoted to the extension and maintenance of the library. The amount of this bequest was about \$96,000.

In 1918 the late Senator William Dennis and Mrs. Dennis founded the Eric Dennis Chair of Government and Political Science in memory of their son Eric who gave his life for his country at the taking of Vimy Ridge. They made provision for giving to the University the sum of \$60,000, the interest on which was to be devoted to the payment of the salary of the occupant of the new chair and to the provision of scholarships and a gold medal in connection with the department.

In 1919 the one hundredth anniversary of the founding of the University was celebrated, having been delayed for a year by the war. As a memorial of this event a canvass was made during 1920 for a fund for endowment and buildings, to be called the Centennial Fund. This campaign resulted in subscriptions for general purposes to the amount of \$439,000, and also the following amounts to be used for the specific purposes mentioned:—

Senator and Mrs. Dennis donated \$40,000 to be added to their previous gift, bringing the foundation of the Dennis Chair to \$100,000.

W. A. Black, Esq., of Halifax, contributed \$60,000 to endow a Chair of Commerce with special reference to seaborne commerce.

The late Mrs. E. B. Eddy, of Ottawa, made to the University a gift of \$300,000 to erect a Women's Building to serve as a residence and centre for the general interests of the women students. This was the largest single gift which the University had ever received. It was made in memory of Mr. and Mrs. Shirreff, of Chatham, N. B., the parents of Mrs. Eddy, and the building is called Shirreff Hall.

By the will of the late Mrs. Eddy, who died in 1921, the University is to receive on the death of her sister \$350,000; the University receives also a share of the residue of the estate.

The Rockefeller Foundation and the Carnegie Corporation, both of New York, contributed \$500,000 each to the University for the furtherance of medical education. Their magnificent gifts make possible a medical centre of the first rank in the Maritime Provinces.

The British Empire Steel Corporation made a promise of a contribution of \$250,000 for the encouragement of scientific research to stimulate the development of the mineral and other natural resources of the Province.

A fund of £4,000 sterling, to be known as the "James Gordon MacGregor Memorial Fund," was provided by the New Glasgow relatives of Prof. MacGregor. The object of the fund is to provide a Teaching Fellowship in Physics.

The Faculty of Medicine was organized in 1868, merged into the Halifax Medical College in 1875, and re-organized as an examining faculty in 1885. In 1911 the University purchased the property of the Halifax Medical College, and undertook the provision of instruction in all the subjects of the medical curriculum. After the removal of the Faculty of Arts and Science to Studley in Sept., 1915, the Medical School was removed to the Forrest Building, and the old Halifax Medical College vacated.

In 1914 Dr. D. A. Campbell and Mrs. Campbell endowed the Dr. D. G. J. Campbell Memorial Chair of Anatomy, in memory of their late son, a distinguished alumnus of this University.

The Faculty of Science was organized in 1877, and re-organized in 1891. In 1902 the School of Mines was established. An appeal for funds for the support of this department was made, and subscriptions were received to the amount of about \$60,000. 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.

The Faculty of Dentistry was organized in 1908, in affiliation with the Maritime Dental College, which, under the auspices of the Dental Association of the Province, provided instruction in the professional dental subjects. In 1912 the Dental College discontinued its work, and instruction in all subjects of the curriculum is now carried on by the Faculty of Dentistry.

In 1911 the Pharmaceutical Society of Nova Scotia received the co-operation of the University in establishing the Nova Scotia College of Pharmacy. The University placed rooms at its disposal and arranged with some of the members of the scientific staff to give some of the instruction. In 1917 the Pharmaceutical Society of New Brunswick joined in the undertaking and the name was changed to the Maritime College of Pharmacy. The University offers the degree of Phm. B. to candidates fulfilling the necessary requirements.

A close association with King's College was entered into during the summer of 1923, whereby King's moved to Halifax and holds in abeyance its degree-granting powers, except in Divinity. The staffs of the two institutions are combined into a single faculty of Arts and Science, and the students of both institutions are com-

bined for purposes of instruction (except that King's freshmen have classes by themselves in purely Arts subjects). King's retains its entire corporate organization, residential life and internal discipline. It is temporarily housed in University Hall on the North West Arm, until funds are raised wherewith to build the new King's College.

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 Board has granted to the Alumni Association the privilege of proposing the names of three members of the Board. An Alumni Representative Governor must resign at the end of three years; he may be appointed to succeed himself; but he cannot hold office for more than six years continuously. On similar conditions, the Alumnae Association have the selection of one member of the Board. 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 consist of the members of the teaching staff in each of the four main domains of study in which courses can be pursued at the University, namely, Arts and Science, Law, Medicine and Dentistry. To them are intrusted by the Senate, subject to its approval, the supervision of the teaching, the preparation of regulations governing courses of study, and the recommendation of suitable candidates for prizes, scholarships, diplomas and degrees.

Degrees and Courses.

The Senate confers the degrees in course of Bachelor and Master of Arts, Bachelor and Master of Science, Bachelor of Commerce, Bachelor of Music, Bachelor of Pharmacy, Bachelor of Laws, Doctor of Medicine and Master of Surgery and Doctor of Dental Surgery. A course in Music for the diploma of Licentiate of Music is also prescribed.

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 and in Pharmacy. 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 Pharmacy the University provides instruction in pure science, and recognizes the teaching in professional subjects of the Maritime College of Pharmacy or other approved institutions.

Engineering Courses.—Courses in Engineering are offered in the Faculty of Arts and Science. These courses extend over two or three years and correspond to the work prescribed by the Nova Scotia Technical College for the first two years of four year courses in Civil, Mechanical, Electrical and Mining Engineering. A certificate will be issued to those completing the course satisfactorily.

Public Health Nursing Course.—In February, 1920, a course of six months duration was instituted for graduate nurses intending to take up the work of Public Health Nursing. A certificate of proficiency will be issued to those completing the course satisfactorily.

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 the degree of 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 or Bachelor of Science may shorten 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 this University from the Preliminary Examination leading to the LL. B. degree of that University.

Graduates in law of this University are admitted to the Bar of Nova Scotia without further examination.

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.

Affiliated Institutions.

The Presbyterian College, Halifax.

Principal Rev. Clarence Mackinnon, M. A., D. D., LL. D.

The classes and examinations in Hebrew 1, and New Testament Greek 1, conducted at this college are recognized as qualifying for the degree in Arts at the University. Arrangements have been made whereby students may reduce to six years the time required to take the degree of B. A. from the University and complete the divinity course at the Presbyterian College.

The Prince of Wales College.

Principal S. N. Robertson, M. A., LL. D.

Students holding High Honour Diplomas of Prince of Wales College, of Charlottetown, P. E. I., 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.

Director Mr. Harry Dean.

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

The Maritime College of Pharmacy.

Secretary Mr. G. A. Burbidge.

The University recognizes the teaching of the Maritime College of Pharmacy as part of the qualifications required for the degree of Bachelor of Pharmacy.

Halifax Ladies' College.

Principal Miss F. E. Blackwood, B. A.

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

Convent of the Sacred Heart.

Mother Superior Madame Wauters.

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

Mount St. Vincent Academy.

Mother Superior Mother Berchmans.

Arrangements have been made whereby students from this institution may receive Advanced Standing in work of the First and Second Years for work done at the Academy, and instruction in separate classes in the work of the Third and Fourth Years.

Equipment.

Libraries.

The University possesses a University Library, the Macdonald Memorial Library, open to all registered students, and the separate Law, Medical and Dental Libraries for the students and instructors in those Faculties.

The University Library was instituted in 1867, as the result of an appeal made by the Rev. George M. Grant, at Convocation. It contains 32,000 volumes and 5,000 pamphlets, selected primarily to meet the needs of students in the Faculty of Arts and Science.

When the Law Faculty was organized in 1883 it received a number of very generous contributions for a Library. Today the Law Library contains more than 9,500 volumes, including all the law reports which a student will find it necessary to consult.

The Medical Library, containing about 5,000 volumes, received its real start by the gift of some books and an endowment of £1,000 from Dr. C. Cogswell. It is open on certain conditions to any practitioner in the Province as well as to medical students.

Besides the libraries in the University, students may use, subject to certain conditions, the following libraries; The Science Library (61,000 volumes and pamphlets), the Legislative Library (24,000 volumes), the Citizens' Free Library (33,000 volumes), the Library of the Presbyterian Theological College (11,000 volumes), and the Nova Scotia Barristers' Society Library (18,000 volumes).

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

Laboratories.

The Science Building is designed to be ultimately a chemical laboratory only, but for a number of years it will be divided between the departments of chemistry and physics. For a short time it will house also the departments of Geology and Engineering.

The Forrest Building on Carleton St. contains the laboratories conducted by the departments of Biology, Histology, Anatomy and Dentistry.

The new Medical Science Building on College St. contains the laboratories of the departments of Physiology, Bio-Chemistry, Pharmacology and Hygiene.

The Out-patient and Public Health Clinic building on Morris St. will be opened during the summer of 1924. It will mark the beginning of a new departure in the training of men for the practice of medicine. The Halifax Dispensary will move to this building and continue its activities from that centre.

ADMISSION.

Women are admitted to classes on the same conditions as men.

No person under sixteen years of age is admitted to any class except by special action of the Senate.

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 in Arts or Science for a Master's degree.

Undergraduates are students who have completed Matriculation and are candidates for a Bachelor's degree in Arts or Science or a degree in a professional course. For details of admission to the professional courses see pp. 14, 15.

Matriculants are students looking forward to a degree who have not completed Matriculation, but have sufficient subjects of Matriculation to their credit to enable them to have the classes which they may attend and pass recognized as qualifying for that degree. In the faculty of Arts and Science a Matriculant is one who has passed in English and in at least four other Matriculation subjects.

Special Students are all not included in one of the preceding groups. The classes attended by a Special Student are not recognized as qualifying for a degree.

Persons 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.

Matriculation.

All candidates for a degree must satisfy the requirements for Matriculation, either by passing the Matriculation examinations of this University or by presenting certificates acceptable as equivalents.

The Matriculation examinations will be held at the University, and at such other places as the Senate may appoint, on Sept. 23rd to 26th, 1924. For the timetable of the examinations see the University Almanac.

No fee is charged for a matriculation examination in September except to students who have entered on their second year of attendance.

Candidates for the Matriculation examinations must make application on a form to be obtained from the University Office.

The last day for receiving applications for the examinations held at the University for the session of 1924-1925 is Saturday, Sept. 20th, 1924. Applications for examination at an outside centre should be made one month earlier.

The Matriculation examinations are held in the following subjects, one paper each;

English	Geometry	French
British History	Trigonometry	German
Ancient History	Latin	Physics.
Algebra	Greek	Chemistry.

Subjects Required for each degree.

The subjects of matriculation common to all degrees are:

- ✓ (1) English.
- ✓ (2) History (For **Medicine** and **Dentistry** this must be British History).
- ✓ (3) Algebra.
- ✓ (4) Geometry.

The remaining subjects are:

For the B. A., and LL. B. degrees,

- (5) Physics or Chemistry, (6) Latin or Greek, (7) another foreign language, (8) an elective.

For the B. Sc. and B. Mus. degrees,

- ✓(5) Physics or Chemistry, (6) French, (7) German, (8) an elective.

For the B. Com. degree,

- (5) Physics or Chemistry, (6) and (7) two foreign languages, (8) an elective.

For the M. D., C. M. and Phm. B. degrees,

- (5) Physics, (6) Chemistry, (7) Latin, (8) French or German or Greek.

For the D. D. S. degree,

- (5) Physics, (6) Chemistry, (7) Latin.

For the requirements for the Engineering Course see p. 45.

Requirements in each subject.

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

✓**English.**—*Language:* Grammar, analysis, parsing. *Composition:* An essay on one of several set subjects to be selected from—Macaulay: *Warren Hastings*, *Samuel Johnson*. Shakespeare: *Merchant of Venice*, *Julius Caesar*. Longfellow: *Evangeline*. Scott: *The Lady of the Lake*. Stevenson: *Kidnapped*.

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 two of the works named need be read. They should be read primarily for the story, and need not be studied minutely, as a choice is allowed among at least six themes selected from the works named.

British History.—General outlines, as in *Ontario High School History of England*; or Tout: *History of England, from the earliest times to the death of Queen Victoria*; or Ransome: *Short History of England*.

✓**Ancient History.**—General outlines, as in Webster: *Ancient History*; or Myers: *A short History of Ancient Times*.

✓**Algebra**—Equations of the first and second degrees, indices, ratio and proportion, theory of quadratic equations, arithmetic and geometric progressions, permutations and combinations, as discussed in any high school algebra.

✓ **Geometry.**—The straight line, triangles, quadrilaterals and pentagons in their relation to circles, including the subject matter of the first four books of Euclid, as discussed in any high school geometry.

Trigonometry.—Up to and including formulae relating to the sum and difference of two angles, the solution of equations and of right-angled triangles, as in any elementary trigonometry.

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.—As under Latin.

The book prescribed is Xenophon; *Anabasis*, Book I.

✓ **French.**—Berthon: *Specimens of Modern French Prose* (Macmillan), omitting IV, VI, IX, X; *Ontario High School French Grammar*, to the end of Lesson LXXXIII: easy sight translation from French into English and from English into French.

✓ **German.**—Buchheim: *Modern German Reader, Part I*; grammar questions limited to accidence and easy rules of syntax; easy sight translation from German into English and from English into German.

✓ **Chemistry.**—Thermometer; barometer; gas laws, and correction of volumes of gases for changes of pressure and temperature; specific gravity. The following elements and their simplest compounds; oxygen, hydrogen, chlorine and the halogens, sulphur, nitrogen, phosphorus, carbon, silicon, the principal metals. Fundamental laws. Meaning of formulae and equations. The extent of knowledge expected is such as may be gained from Evans' "*Elementary Chemistry for High Schools*," or other text book of similar grade, accompanied by a laboratory course of not less than seventy hours. Each candidate for examination must present a record of his laboratory work, neatly and legibly written, and duly certified to be the candidate's work by the teacher with whom the work was done. (See below.)

✓ **Physics.**—The candidate should have received instruction consisting of at least ninety hours of recitation and sixty hours of laboratory work. Such text-books as *The Ontario High School Physics and Laboratory Manual*, Gage's *Introduction to Physical Science*, and Mann and Twiss' *Physics* will indicate the grade of instruction required. The candidate is expected to perform at least thirty experiments distributed over the various parts of the subject, and to keep in a note-book a neat and orderly record of the same, described in his own words. This note-book, bearing the certification of the instructor, must be presented for inspection along with the certificate or diploma submitted. (See below)

For 1924-1925 the laboratory requirement in Chemistry and Physics will not be insisted upon.

Instead of the authors and books in languages given above, a candidate, if he so desires, may be examined on others recognized as equivalents (except in the case of candidates for the Entrance Scholarships); but application for this privilege must be made at least two weeks in advance.

Candidates who pass in four or more subjects, but not in all, on any one occasion, will be given credit for such subjects; and may complete their Matriculation by passing the remaining subjects on any subsequent occasions.

Certificates Exempting from Examination.

Candidates who hold one or more of the following diplomas, licences or certificates will be exempted from the above examination in such of the above subjects as were included in the examination by which such diploma, licence or certificate was obtained, provided a sufficiently high standard was reached, and provided this standard was reached in four or more of the subjects required for Matriculation.

- (a) Certificates of Matriculation Examinations taken at recognized Universities;
- (b) High School Certificates of Grades XI or XII of Nova Scotia, and, in the case of History and Science, of Grade X.
- (c) Honour Diplomas, or Certificates entitling to a First Class Licence, as issued by Prince of Wales College, or a First Class Licence issued by the Education Department of Prince Edward Island;
- (d) Grammar School, or Superior (except in Latin), or First Class Licences of New Brunswick.
- (e) Equivalent Licences or Certificates issued by Education Departments of other Provinces;
- (f) Diplomas of the Associate Grade as issued by the Education Department of Newfoundland;
- (g) The Preliminary Examination Certificate of the Nova Scotia Barristers' Society; and similar Certificates of the Bar Societies of other Provinces and Colonies with equivalent standards;
- (h) Certificates similar to the above issued by University or other official examining bodies, when found adequate.

If a candidate gets credit for at least four of the eight subjects of Matriculation, either at the Matriculation examinations or on a single certificate, he may complete Matriculation either by examination, or by certificate, or by both.

Candidates holding certificates which they wish to offer for exemption as above should forward them for appraisal as early as possible.

Special Matriculation Regulations for each Faculty.

Faculty of Arts and Science—A certificate of grade XI standard (or of grade X for History and Science) issued by the Education Department of Nova Scotia is treated as follows: Marks obtained in other than Matriculation subjects are not considered. The mark in a Matriculation subject is not considered unless it is at least 50 per cent. Subject to these restrictions the certificate will be accepted for the Matriculation subjects it covers in which the average of the marks obtained is at least 60 per cent., provided this average is reached in at least four subjects.

A minimum mark of 40 per cent. in a subject made in an examination for a certificate of grade XII standard will exempt from Matriculation in that subject. When such subject is divided in this certificate examination into two or more parts the average mark for such parts is taken as the mark to be considered.

In order to be admitted to a course in the Faculty of Arts and Science, a candidate must have credit for Matriculation in English and in at least four other subjects.

Faculty of Law—In order to be admitted to the course in Law, a candidate must have completed Arts Matriculation, and must also present a satisfactory certificate of having attended and passed, at some degree-granting College or University recognized by the Senate for the purpose, at least ten regular classes of the course for the degree of Bachelor of Arts, comprising two classes in English, one class in Latin, one class in French or some other foreign language, one class in Mathematics, one class in English Constitutional History and any four classes to be chosen from the

following—Latin, French or some other foreign language, History, Logic and Psychology, Economics, Government, Accounting, Chemistry or Physics, Surveying.

Students eligible for admission to advanced standing in the Faculty of Arts may be exempted from any of the foregoing classes, not exceeding five in number, for which they have received credit upon such admission, and the aforesaid number of ten classes may be reduced accordingly.

Faculty of Medicine.—In order to be admitted to the course in the Faculty of Medicine a candidate must have complete Matriculation in Arts, including Physics, Chemistry and British History, and must have attended and passed in English 1, History 1, Mathematics 1, Latin 1, and French 1 or German 1 or Greek 1, or must be exempted by certificate of Grade XII or its equivalent.,

A person entering upon the study of Medicine for the purpose of qualifying himself to practise in the Province of Nova Scotia must also satisfy the Preliminary Requirements of the Provincial Medical Board, and have his name entered in the Medical Students' Register kept by the Board. These Preliminary Requirements are practically identical with the requirements of the University, but intending students are advised to apply for information to the Registrar of the Board, Dr. W. H. Hattie, Halifax, N. S.

Faculty of Dentistry.—Certificates of grades X, XI and XII are treated as in the Arts and Science Faculty.

In order to be admitted to the study of Dentistry, a student must have complete Matriculation.

A student intending to practise his profession in Nova Scotia, in addition to satisfying the University Matriculation requirements, must register with the Provincial Dental Board.

Admission to Advanced Standing.

Admission of Non-Collegiate Students.

Students who hold a High School certificate of Grade XII of the Province of Nova Scotia, or certain certificates of similar grade from other provinces, may ob-

tain credit for certain classes of the first year, and so shorten by a year the time required to complete a course for an Arts or Science degree. For the regulations concerning exemptions see under Faculty of Arts and Science, p. 32. See also the terms of affiliation with the Prince of Wales College, p. 7.

Students are admitted to advanced standing in any other Faculty only in accordance with the regulations for admission *ad eundem statum* below.

Admission ad Eundem Statum.

Students from other Universities desiring to enter classes in this University 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 studies have not corresponded to those they would have taken in this University for the course on which they propose to enter, 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 unless he has attended and passed in at least one year's work, and that the last year of the course.

Persons seeking admission *ad eundem statum*, 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; also calendars of the institution from which they have come of such dates as to show the courses which they have followed.

Admission ad Eundem Gradum.

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.

UNIVERSITY REGULATIONS.**Registration.**

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

Health.

All students entering the University for the first time are required to submit to medical examination by the Staff of the department of Medicine at the University Health Centre. Any student wishing to engage in competitive athletics must submit to such examination each session, which will determine the form of athletics in which he may engage. All students entering the University who cannot submit certificates of having been successfully vaccinated shall be required to submit to vaccination. They are required to attend a short course of lectures on personal hygiene. All students shall be given the privilege of receiving medical examination, advice and treatment at the Health Centre, during the college sessions, free of charge.

Residence.

All students are required to report their place of residence to the University Office on or before October 21st.

Shirreff Hall, the Women's Building of the University, the gift of the late Mrs. Eddy, will accommodate about ninety students. All women students not living with parents or guardians must live in residence, except in very unusual circumstances. Applications for rooms may be made through the Registrar's Office.

Pine Hill Presbyterian College dormitories are usually available for students of Dalhousie University to the extent of the accommodation not needed by Pine Hill College for its Divinity students. For in-

formation and reservations application should be made to the Principal, Pine Hill College, Halifax, N. S.

The Secretaries of the Men's and Women's Branches of the Student Christian Association will arrange to have someone meet at the train any student coming to Halifax for the first time, if notified in advance of the time of arrival, and will assist in finding boarding places. They can be addressed after September 15th in care of the University.

Church Attendance.

All students not residing with parents or guardians are required to report to the President on or before October 15th 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 University to see that order is maintained within the buildings and on the premises of the University. 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 University during the session, may be fined, suspended, or expelled from the University. Since the formation of the Council of the Students in 1912, that body holds an investigation and reports its finding to the Senate for action, and may recommend penalties to be inflicted.

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

No return of fees will be made to any student dismissed from classes or from the University.

University Library.

The Library is open during the session on every week-day, except Saturday, from 9 a. m. till 5 p. m., and on Saturday till 1 p. m.

Books, other than those on the reserved lists, may be taken out by instructors or students and kept for two weeks. They must 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.

Not 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 summer. Students using this privilege are required to make a deposit with the University office. This deposit is returned when the books are replaced in the library.

Caution Deposit.

Each male student on registration is required to deposit two dollars 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.

Laboratory Deposits.

A student taking a class involving laboratory work is required to make a deposit of two to five dollars, depending upon the class taken, on entering the class. This amount, or what remains of it after deducting any charges which may have been incurred for breakage or materials used, is returned to the student at the end of the session.

Fee for Support of Student Organizations.

At the request of the student body, as expressed by a ballot taken on the question and presented through the Council of the Students, a fee not exceeding \$7.00 may be collected on registration from each student who takes more than one class. This fee entitles the student to the privileges of any or all of the following student organizations: Dalhousie Amateur Athletic Club, Dalhousie Skating Club, Delta Gamma Society

Dalhousie Dramatic Club, Sodales, and to a copy of the Dalhousie Gazette. A student taking only one class and desiring to take part in one or more of the above organizations must pay this fee.

Students' Loan Fund.

A Students' Loan Fund has been started by the gift of \$1,000 for the purpose from the Chronicle Publishing Co., Limited, of Halifax. It is hoped that other donations will be made to increase the fund for this desirable purpose.

An application for a loan will be considered only from a student of Undergraduate standing who has attended the University for at least one year, has the approval of the Dean or corresponding university officer of his Faculty as to general academic standing, and is of good standing among his fellow students. The loan to any student shall not exceed \$100 in any one year, nor \$300 in total amount. Loans shall not bear interest until the beneficiary, or the class of which he was a member, has graduated; and it shall be repayable within five years from this graduation date.

The Alumnae Loan Fund for women students has been started by the Alumnae Association. Loans will be granted on terms similar to those outlined above. For further information apply to the President.

Academic Costume.

Undergraduates, Matriculants and Special 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 and hoods of black stuff. The distinctive part of the costume is the lining of the hood, which for the various degrees is as follows:

- B. A.—White silk bordered with white fur.
- M. A.—Crimson silk.
- B. Sc.—White silk bordered with scarlet silk.
- M. Sc.—Scarlet silk.
- B. E.—White silk bordered with dark green silk.
- B. Mus.—White silk bordered with lavender silk.

Phm. B.—White silk bordered with dark blue silk.
 LL. B.—White silk bordered with gold coloured silk.
 B. Com.—White silk bordered with light blue silk.
 M. D., C. M.—Scarlet silk bordered with white silk.
 D. D. S.—Scarlet silk bordered with gold coloured silk.
 LL. D.—Purple silk.

Doctors of Law shall be entitled to wear gowns and hoods 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 exceptional cases, *in absentia*. Written application giving reasons for the request must be made well in advance to the Secretary of Senate. For fee see Page 54.

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.

The annual payment of any Scholarship or Bursary is made in two instalments, on October 15th and February 1st, the latter payment being conditional on the holder having made satisfactory progress in his classes.

(Open to Students in Arts and Science).

Halifax City Free Scholarships.

The University offers each year to the Halifax Academy, to Bloomfield High School and to St. Patrick's High School for Girls, a scholarship exempting the holder from tuition fees to a maximum amount of \$90 per year. These scholarships are tenable for four years, conditional upon the scholar pursuing a course in Arts or Science leading to a degree and reaching the grade of Distinction in at least two classes in each year.

Candidates must have completed Matriculation, and reached a grade of scholarship represented by an average of 65 with no mark less than 50 on papers written in Grade XI examinations on Matriculation subjects, or the mark of Distinction on papers written in the Matriculation examinations, and must satisfy the Committee of Selection that they are deserving of financial assistance.

The University has the following funds available for scholarships to be awarded to candidates standing highest in the Matriculation and First Year Sessional Examinations:

The Sir William Young Fund.—This fund was left by Sir William Young for the purpose of endowing scholarships, and amounts to \$4,000.

The Mackenzie Bursary Fund.—Mrs. Harriet Mackenzie Morrison, of Stornoway, Scotland, daughter of Rev. Kenneth Mackenzie, of Pictou Co., bequeathed £1,000 to the University in 1887 to be used as a Bursary Fund.

The University or Professors' Scholarships Fund.—The University has set aside funds sufficient to produce an income of \$400 per year for scholarships to take the place of those offered in the earlier days by individual professors who received their class fees as part of their salaries.

The George S. Campbell Memorial Scholarships Fund.—In 1917 Mr. and Mrs. George S. Campbell gave the University the sum of \$25,000 to commemorate their only son, George Henderson Campbell, B. A. '15, who enlisted for overseas service during his senior year, and was killed while on duty at the front.

The Robert Bruce Fund.—The University receives one-seventh of the income received from a bequest of \$57,500 by Robert Bruce, of Quebec, to be used for bursaries and scholarships.

The Khaki University and Young Men's Christian Association Memorial Scholarship Fund.—This fund, amounting to \$6,500, was received from the trustees of the Khaki University to endow scholarships.

The income from these funds is applied as follows:—

Entrance Scholarships.

These Scholarships are nine in number, as follows:

3 George H. Campbell Memorial Scholarships, of . . .	\$200 each
2 Sir Wm. Young Scholarships, of	100 each
2 University Scholarships, of	100 each
*1 Mackenzie Scholarship, of	100
1 Bruce Scholarship, of	85

*(In the awarding of this Scholarship, candidates of the name of Mackenzie, MacLean or Fraser will be given the preference.)

In order to be eligible a candidate must reach the grade of Distinction (55%) in the examinations named below, and otherwise satisfy all matriculation requirements, and must not have attended as a Matriculant or Undergraduate a recognized degree-granting College or University, and must intend to enter the Arts and Science Faculty of Dalhousie University, and must not have been a candidate more than once before. In the award of the Scholarships, subject to the above conditions, one shall be assigned, each, to

Halifax County,
Cape Breton Island,
Prince Edward Island,
New Brunswick,

but not more than one shall be awarded to Halifax City and vicinity when other candidates are eligible.

The locality from which a candidate shall be considered as coming will be determined by the locality of the last High or Preparatory School attended; or, in the event of his having been educated beyond grade X by private tuition, by his usual place of residence.

The next award of these Scholarships will be made on the marks received in the following five subjects of the regular matriculation examinations held at Dalhousie University on September 23rd to 26th, 1924:

1. English. 2. Algebra. 3. Geometry. 4 and 5. Two of Latin, Greek, French, German. For the requirements in each subject, see p. 4. Application to take the examinations must be made on forms to be obtained from the University Office.

The successful candidate for any one of these Scholarships may enter on Advanced Standing the classes of a higher year than the first (see p. 9), but he will not then be eligible for the First Year Scholarships described below

First Year Scholarships.

These Scholarships are nine in number as follows:

3 George H. Canpbell Memorial Scholarships, of . . .	\$200 each
2 University Scholarships, of	100 each
*1 Mackenzie Scholarship, of	100
1 Bruce Scholarship of \$85.00 tenable for three years,	255

*(In the awarding of this Scholarship, candidates of the name of Mackenzie, MacLean or Fraser will be given the preference.)

They are open only to Undergraduates who are just completing the first year of the course in Arts or Science, and are tenable for one year (except the Bruce Scholarship).

They are awarded on the results of the Sessional Examination returns in the following classes: English 1, Mathematics 1 or 1C, Chemistry 1 or Physics 1 or Physics 2 or Physics 3, and any two of the four classes, Latin 1, Greek 1, French 1, German 1.

Second Year Scholarships.

The Allan Pollok Scholarship.—This scholarship has been instituted by the North British Society of Halifax, in memory of the Rev. Dr. Allan Pollok. It is of the value of \$200 and will be awarded annually without restriction as to sex, age or nationality to the student attaining the highest standing in the five classes which may be considered as constituting a normal second year course in Arts, namely, (a) English 2, (b) Latin 2 or Greek 2, (c) a class in Mathematics or Science, (d) a class in History, Economics, Philosophy or a foreign language, (e) another class. The scholarship can not be held along with the N. B. Centennial Bursary, the Jotham Blanchard Bursary or the Charitable Irish Society Scholarship. It will be tenable in the third year of the Arts course.

The North British Society Centennial Bursary.—A Bursary, of the annual value of \$100, founded by the North British Society of Halifax, will be awarded biennially. Candidates must be undergraduates in a course in Arts or Science who are just completing *two years of residence, and must satisfy the test of racial eligibility 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: (a) English 2; (b) two from Latin 2, Greek 2, French 2, German 2, (c) two other classes. It is tenable for two years, namely during the third and fourth years of residence. The next award will be made in May, 1926.

The Jotham Blanchard Bursary.—This Bursary, of the annual value of \$50, being the interest of an endowment of \$1000, founded by the New Glasgow Literary and Historical Society in memory of Jotham Blanchard, an honoured name in the annals of Pictou County, will be awarded biennially on the same academic conditions as the North British Society Centennial Bursary. It is tenable during two years, namely during the third and fourth years of residence. The next award will be made in May, 1925.

The Charitable Irish Society Scholarship.—A Scholarship of the annual value of \$100 founded by the Charitable Irish Society of Halifax, will be awarded biennially. Candidates must be undergraduates in a course of Arts or Science who are just completing two years of residence, and must be, in the judgment of the Society, of genuinely Irish descent. The scholarship shall be awarded to that candidate who shall have been admitted by the Senate of the University to an Honour Course for the degree of B. A., or in the event of more than one such candidate being available, to that candidate whose university standing is highest. In the event of no such persons being applicants for this scholarship it shall be awarded to the candidate whose university standing is highest in the examinations of any five classes selected by himself or herself from the following: (a) English 2, (b) one from Latin 2, Greek 2, French 2, German 2, Spanish 2, (c) one in Mathematics, Physics, Biology or Chemistry, (d) one from Philosophy 1, History 1, Economics 1, (e) one other class. It is tenable for two years, namely, during the third and fourth years of residence, The next award will be made in May, 1926.

Commercial Club Scholarships.—The Commercial Club of Halifax has offered two scholarships of \$100 each to the students of the second and third years of the course in Commerce who have attained the highest standing in their respective classes.

(Other Undergraduate Prizes).

The Waverley Prize.—This prize, of the value of \$40, being the interest of an endowment for the purpose, will be awarded annually to the student standing highest in Mathematics 3, his standing in Mathematical classes previously taken in the University being taken into consideration.

*For students who have been admitted by certificate to the second year read "one" for "two."

The Studley Quoit Club Prize.—This prize, of the value of \$50, is offered by the Studley Quoit Club for the encouragement of the study of Greek and Latin. It will be awarded annually to the student making the highest aggregate in Greek 2 and Latin 2.

The Khaki University Scholarships.—These scholarships of the value of \$100 each, two in number, will be awarded to third year students in Arts and Science to be held during their fourth year. The award is based on scholastic attainments but preference is given to men or women, who have served overseas, or to their children.

The Bruce Bursary.—A bursary of \$100 tenable during the third year of the Arts and Science course will be awarded to a student "of promising abilities but of straitened circumstances."

Graduation Prizes.

To be eligible for a medal a candidate must attain a standard considerably above that required for high honours.

The Governor-General's Gold Medal, offered by His Excellency the Governor-General of the Dominion of Canada, will be awarded to the student who stands first among those taking High Honours in the department of Classics. In the event of its not being awarded in this department, it may be awarded in the department of Latin and English, or in that of Greek and English or in some other department.

The 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 Mathematics.

The Eric Dennis Gold Medal, founded by Senator William Dennis and Mrs. Dennis, will be awarded on graduation to the student who stands first among those taking High Honours in Government and Political Science.

University Medals of bronze will be awarded on graduation to students who take High Honours in departments in which a gold medal is not available.

The Avery Prize.—This prize, of the value of \$20, being the interest of a sum of money bequeathed for this purpose by J. F. Avery, M. D., will be awarded on graduation to the student standing highest among those graduating with Distinction.

The Eric Dennis Foreign Scholarship, of a value not less than \$250, founded by Senator William Dennis and Mrs. Dennis, will be awarded on graduation to the student standing highest in the department of Government and Political Science, provided he attains a sufficiently high standard, who obligates himself to pursue at least one year of post-graduate study in the same department of another University approved by the Senate.

(Open to all Students).

The Halifax Overseas Club Essay Prize.—This prize, of the value of \$55, being the interest of a fund of \$1,000 given by the Halifax Overseas Club, will be awarded annually. It will be offered for the best essay on some question, historical or critical, relating to the place of the Overseas Dominions in the British Commonwealth. For further particulars address the President.

The W. H. Dennis English Prizes, The Joseph Howe Prizes for Poetry and the James DeMille Prizes for Prose. These prizes, established by W. H. Dennis, Esq., of the value of \$200 each for a first prize and \$100 each for a second prize, will be offered annually. For the regulations address the President.

The Rhodes Scholarship.

This scholarship of the annual value of £300 for three years is awarded annually. For circulars and further information, apply to Prof. J. E. Read, Secretary Committee of Selection.

1851 Exhibition Science Research Scholarships.

These scholarships, of the value of £200 sterling a year, are tenable for two, or, in rare instances, three years. They are open to students of not less than three years standing who have shown evidence of capacity for original research, and are tenable at any university or other institution approved by the Commissioners. For particulars address the President.

Daughters of the Empire Bursary.

This bursary of the annual value of \$250.00, is tenable for four years at any university in Nova Scotia and is open to the sons and daughters of deceased or permanently disabled soldiers and sailors. One is available for each Province each year.

Full information can be obtained by writing to the Head Office of the Order for Canada, 238 Bloor Street East, Toronto, Ont.

(The holder of this bursary is granted exemption from class fees to the extent of \$25).

Daughters of the Empire Post-Graduate Overseas Scholarship.

This scholarship was founded by the Imperial Order, Daughters of the Empire, as part of the war memorial of the Order. Nine are offered annually—one for each Province. They are of the value of \$1,400, are tenable for one year and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial history, the economics and government of the Empire and Dominion, or any subject vital to the interests of the Empire." For further information apply to the Head Office of the Order.

Faculty of Arts & Science

General University Regulations.†

University regulations applicable to the students of all Faculties and relating to registration, residence, church attendance, discipline, etc., will be found on p. 17, *et seq.*

Academic Year.

The Academic Year consists of one session of about thirty-two weeks duration. The session of 1924-25 will begin on Monday, September 22nd, 1924, and end on Tuesday, May 12th, 1925.

Degrees and 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.), Bachelor of Music (B. Mus.), Bachelor of Pharmacy (Phm. B.), and Bachelor of Commerce (B. Com.), and to the Diploma of Licentiate of Music (L. Mus.). A course in Engineering, extending over two or three years, is 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. A diploma is given for successful completion of this course.

The courses for the degrees of Bachelor of Arts and of Science extend over four years. Candidates for these degrees may either follow the corresponding Ordinary course, or, if they have obtained a sufficiently high standing in the work of the first two years, may in their third year enter upon a course leading to the degree of Bachelor of Arts or of Science with Honours.

†It is to be distinctly understood that the regulations regarding courses of study, examinations, fees, etc. contained in this Calendar are intended for the current year only, and that the Faculty does not hold itself bound to adhere absolutely to the curriculum and conditions now laid down.

The degree of Bachelor of Arts or of Science with Distinction is awarded to a student who obtains a sufficiently high standing in the classes of the Ordinary course.

The degree of Master of Arts or of Science is given for the successful completion of an approved course of graduate work extending over at least one year.

The course of study for the Diploma of Licentiate of Music extends over two years, and that for the degree of Bachelor of Music over three years.

The degree of Bachelor of Pharmacy is awarded for the successful completion of a course extending over four years.

Ordinary Course for Bachelor of Arts.

The Ordinary course of study prescribed for the degree of Bachelor of Arts consists of the following twenty classes.

- (i) Two classes in either Latin or Greek.
- (ii) Two classes in one, not already chosen, of the following languages: Latin, Greek, French, German, Spanish.
- (iii) Two classes in English.
- (iv) History 1, Philosophy 1, Mathematics 1 or 1 C.
- (v) One Class in either Physics or Chemistry.
- (vi) One class in Physics or Chemistry or Biology 1 or Geology 1.
- (vii) Latin 3 or Greek 3 or French 3 or German 3 or Economics 1 or Government 1.

(viii) Eight other classes, selected from the following list, such that of the twenty offered for the degree at least four must be taken in one subject and at least three in each of two others.

Latin	Archaeology	Mechanics
Greek	History	Physics
Biblical Literature	Economics	Chemistry
French	Government	Geology
German	Philosophy	Biology
Spanish	Mathematics	Physiology
English	Music	

For details of subjects studied in the above classes see Courses of Instruction, p. 55, *et seq.*

Choice of Elective Classes.

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

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

Lists of the elective classes chosen by students must be submitted for approval not later than Wednesday, October 8th, 1924.

Affiliated Courses.

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

A. **For Divinity.**—Hebrew, New Testament Greek.

B. **For Law.**—Any four classes of the First year in Law.

C. **For Medicine.**—Anatomy 1 and Practical Anatomy 1, Histology, Embryology.

D. **For Engineering.**—Drawing 1, Drawing 2, Mechanics 3, 4.

E. **For Commerce.**—Accounting 1, Accounting 2 or Commercial Law, Marketing, Business Organization.

Students whose course has included Physics 1, 20, Chemistry 1, 2, 4, Biology 1A, and the subjects of Group C may complete a subsequent course in Medicine at this University in four years.

An undergraduate who elects group D, and also includes in his course the other classes common to it and the course in Engineering, and who takes Surveying, Drawing 3 and Mechanics 5 as extra classes, may complete the subsequent work for a degree in Engineering in two years.

Graduates who have passed in the classes of Group E, may complete a subsequent Commerce course in this University in two years.

Order of Classes.

The classes of a course may be taken in any order, subject to the regulations regarding admission to classes (page 49). The following schedule in which the classes are arranged in years shows the order recommended for undergraduates; *but students who intend to take one of the Affiliated Courses, or to enter an Honour Course, should consult the Registrar early in their course about the right order of classes for the purpose.*

First Year.

1. Latin 1, or Greek 1.
2. One, not already chosen, of Latin 1, Greek 1, French 1, German 1, Spanish 1.
3. English 1.
4. Mathematics 1 or 1C.
5. Chemistry 1, or History 1, or Physics 1 or 2.

Second Year.

1. The language chosen as class 1 in the first year.
2. The language chosen as class 2 in the first year.
3. English 2.
4. Philosophy 1, or History 1.
5. A class in one of the following: Mathematics, Physics, Chemistry, Economics, Government.

Third and Fourth Years.

The remaining required classes and elective classes from the subjects specified on page 28.

Ordinary Course for Bachelor of Science.

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

- (i) Two classes in English.
- (ii) One in each of the following: Mathematics (including Drawing 1B), Physics, Chemistry, Biology, or Geology, French, German.
- (iii) Two classes selected from the departments of Languages, History, Economics, Government and Philosophy.
- (iv) Ten other classes, such that of the twenty offered for the degree at least four shall be taken in one Science (including Mathematics), at least three in another Science and at least three in Mathematics or English or a third Science.

Affiliated Courses.

An undergraduate looking forward to the study of Engineering may offer the classes of Group A below instead of four of the electives required from Group iv above.

A. For Engineering.—Drawing 2 and 3, Surveying, Mechanics 3, 4 and 5.

An undergraduate who elects group A and also includes in his Science course the other classes common to it and the course in Engineering, may complete the subsequent work for a degree in Engineering in two years.

An undergraduate looking forward to the study of Medicine may offer the subjects in Group B below for three of the electives in Group iv above:

B. For Medicine.—Anatomy 1 and Practical Anatomy 1, Histology, Embryology.

Students whose course has included Physics 1, 20, Chemistry 1, 2, 4, Biology 1A, and the subjects of Group B, may complete a subsequent course in Medicine at this University in four years.

Order of Classes.

The classes of a course may be taken in any order, subject to the regulations regarding Admission to Classes (page 49). The following schedule in which the classes are arranged in years shows the order re-

commended for undergraduates; *but students who intend to take one of the Affiliated Courses, or to enter an Honour Course, should consult the Registrar early in their course about the right order of classes for the purpose.*

First Year.

1. French 1.
2. German 1.
3. English 1.
4. Mathematics 1 (including Drawing 1B.)
5. Physics, or Chemistry 1.

Second Year.

1. English 2.
2. An elective.
- 3, 4, 5. Three Science classes.

Third and Fourth Years.

The remaining required classes and elective classes from the subjects specified.

Admission to Advanced Standing.

Students may enter the University on Advanced Standing, that is, be given credit for certain classes of the first year, and thus have the opportunity of completing a course for a degree in Arts or Science in three years, as follows:

A student entitled to Matriculant or Undergraduate standing in Arts or Science, who presents one of the certificates specified below, will be given credit, after completing a subsequent class in the same subject, or, in the case of Mathematics 1, a Science class, for such classes in the following list, not exceeding five in number, as the certificate warrants:

Latin 1, Greek 1, French 1, German 1, English 1, Mathematics 1.

A candidate will be allowed Supplementary examinations in the subjects required to complete five classes, provided the certificate shows a mark of at least 30 per cent. in such subjects and the candidate has credit for the corresponding Matriculation subjects. No credit

shall be given for certificates obtained subsequent to registration in the University for the first time. The certificates to which these provisions apply are the following:

- *(a) High School Certificate of Grade XII of Nova Scotia;
- (b) Honour Diploma, as issued by the Prince of Wales College, P. E. I.;
- (c) Grammar School Licence of New Brunswick;
- (d) Diploma of the Senior Associate Grade, as issued by the Education Department of Newfoundland;
- (e) Equivalent Certificates issued by Education Departments of other Provinces.

The above privilege of taking Supplementary examinations on certain subjects of the first year, granted to the holders of specified certificates, may be granted also to other candidates who in the opinion of the Committee on Admission have equivalent qualifications.

Degree of Bachelor with Distinction.

The degree of Bachelor of Arts or of Science with Distinction will be conferred on undergraduates for special excellence shown in the classes of the Ordinary course. The award of such degree is based upon the Class Distinctions (page 52) 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.

The total number of classes in which distinction may be attempted is eight, of which two may be taken in the second year and three in each of the third and fourth years.

Students taking more than 21 hours per week (lectures and laboratory) will not be admitted to read for distinction in any class.

No distinction work will be offered in Latin 1, Greek 1, French 1, German 1, Spanish 1, Chemistry 1, Physics 1, 2, Mathematics 1, 1C.

*The standard required is 50 per cent. in each subject. For Mathematics an aggregate of 150 is required in the three subjects of Algebra, Geometry and Trigonometry.

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

Degree of Bachelor with Honours.

An undergraduate who has passed in at least *nine* classes of the Ordinary Arts or 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 be granted only to students who have attained a high standing in the classes preliminary to the Honour course selected (see statement of Honour courses below); and the candidate should, accordingly, plan his course so as to take these preliminary classes during his first two years.

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 Physics or Chemistry.

In all cases the number of classes required for the degree shall not be 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) Any two of History, Economics and Politics, (vi) Philosophy, (vii) Mathematics, (viii) Physics, (ix) Chemistry, (x) Geology and Geological Chemistry. 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.

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.

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.

Honour Courses.

I. Classics.

Preliminary Classes.—Latin 1 and 2, and Greek 1 and 2.

Candidates taking the Honour Course in Classics are required to take Latin 3, 4, 5 and 6 and Greek 3, 4, 5 and 6 in their third and fourth years, and sufficient elective classes to complete the total of twenty classes required for a degree. The special Honour examinations will be on the following subjects; but the standard of attainment shown in Latin 3 and 4 and Greek 3 and 4 will be considered in the final award.

Latin.

A. 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.

B. **Composition.**—Translation from English into Latin prose.

C. **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*).

D. **Translation at Sight.**—Passages from Latin books not prescribed will be set.

Greek.

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

B. **Composition.**—Translation from English into Greek prose.

C. **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*, *Introduction to Homer*. Mahaffy: *History of Greek Literature*. Haigh: *Attic Theatre*).

D. **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.

Candidates taking the Honour Course in Latin and English are required to take Latin 3, 4, 5 and 6 and English 3, 4, 5, 6 and 7 in their third and fourth years, and sufficient elective classes to complete the total of twenty classes required for a degree. The special Honour examinations will be on the following subjects; but the standard of attainment shown in Latin 3 and 4 and English 3, 4 and 5 will be considered in the final award.

Latin.

The Latin 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 Humour*. Beaumont and Fletcher: *Philaster, The Knight of the Burning Pestle*. Massinger: *A New Way to Pay Old Debts*. Webster: *The Duchess of Malfi*. Shakespeare: *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, Brooks (Clarendon Press). "Mermaid," "Temple Dramatist," "Belles Lettres," and Arber editions of Elizabethan works.

III. Greek and English.

For the requirements in this course read "Greek" for "Latin" in the above course.

IV. English and History.

Preliminary Classes.—English 1 and 2 and History 1. Prospective candidates must arrange to take these classes during their first two years if they desire to complete the work for a degree in four years.

Candidates taking the Honour Course in English and History are required to take English 3, 4, 5, 6 and 7, and History 2, 3, 4 and 5 and any special Honour class in History offered, in their third and fourth years, and sufficient elective classes to complete the total of twenty classes required for a degree. The special Honour examinations will be set on the following subjects; but the standard of attainment shown in English 3, 4 and 5 and History 2, 3, 4 and 5 will be considered in the final award.

English.

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

History.

The History subjects prescribed for the Honour course in History, Economics and Politics. (See below).

V. History, Economics and Politics.

* Candidates desiring to take the Honour course in any two of these departments and to complete the work for

a degree in four years must take the first classes in each department in their first two years. They are required to take a minimum of four additional courses in each department and any special Honour classes offered, in their third and fourth years; and in addition to the required classes they must have taken during their course sufficient elective classes to complete the total of twenty classes required for a degree. The special Honour examinations will be set on two groups of the following subjects; but the standard of attainment shown in the other classes taken in the two departments will be considered in the final award.

Preliminary Classes.—History 1, Economics 1, Government 1.

History.

A. British History under the Tudors and Stuarts.—Innes: *England under the Tudors*. Trevelyan: *England under the Stuarts*. Gardiner: *Oliver Cromwell*. Lodge: *Political History of England*. Prothero: *Statutes and Constitutional Documents*. Gardiner: *Constitutional Documents of the Puritan Revolution*.

B. European History in the Sixteenth and Seventeenth Centuries.—Johnston: *Europe in the Sixteenth Century*. Wake-man: *Ascendancy of France*. Kitchin: *History of France*. Sismondi: *Italian Republics*. Fletcher: *Gustavus Adolphus*. Gardiner: *Thirty Years War*. Lodge: *Richelieu*. *Cambridge Modern History*.

C. The Crusades.—Archer and Kingsford: *The Crusades*. Stevenson: *The Crusaders in the East*. Lane-Pool: *Saladin*. Archer: *The Crusade of Richard I*. Von Sybel: *History and Literature of the Crusaders*.

D. History of Canada since 1763.—*Canada and its Provinces* (selected portions). Bourinot: *Canada under British Rule*. Murray: *Canadian Constitutional Development*. Short and Dougherty: *Canadian Constitutional Documents*.

Economics.

A. Problems of Production.—Marshall: *Principles of Economics*. Jenks: *The Trust Problem*. MacGregor: *Industrial Combination*. Fay: *Cooperation at Home and Abroad*. Price: *Cooperation and Copartnership*. Shadwell: *Industrial Efficiency*. Jones: *Economic Crises*.

B. Money and Banking.—Jevons: *Money*. Scott: *Money and Banking*. Nicholson: *Money and Monetary Problems*. Walker: *Money*. Bagehot: *Lombard Street*. Conant: *Modern Banks of Issue*. Clare: *A. B. C. of the Foreign Exchanges*.

C. Taxation and Public Finance.—Bastable: *Public Finance*. Seligman: *Essays in Taxation*. Jones: *Nature and*

First Principles of Taxation. Ashley: *Modern Tariff History*. Nicholson: *Principles of Political Economy*, Vol. III.

D. **Labour.**—Webb: *Industrial Democracy and Problems of Industry*. Hobhouse: *The Labour Movement*. Estey: *Syndicalism*. Cole: *The World of Labour*. Jevons: *The State in relation to Labour*.

Politics.

Four subjects from the following groups, but not more than two from any one group.

- A. 1. Greek Political Thought.
- 2. Political Thought of the Middle Ages.
- 3. Modern Philosophy of the State.
- B. 1. Government of England.
- 2. American Government.
- 3. Municipal Government.
- C. 1. Advanced International Law.
- 2. Great Congresses and Treaties from Westphalia to Versailles.
- 3. History and Practice of Diplomacy.

VI. Philosophy.

Preliminary Class.—Philosophy 1.

Candidates taking the Honour course in Philosophy are required to take Philosophy 2, 3, 4, 5, 6, 7 and 8 and any special Honour classes in Philosophy offered, in their third and fourth years, and sufficient elective classes to complete the total of twenty classes required for a degree. The special Honour examinations will be set on the following subjects; but the standard of attainment shown in Philosophy 2, 3, 4, 5, 6, 7 and 8 will be considered in the final award.

A. **Logic.**—Welton: *Manual of Logic* (2 vols.). Mill: *System of Logic*. Joseph: *Introduction to Logic*. Bradley: *Principles of Logic*.

B. **Psychology.**—Klemm: *A History of Psychology*. Rand: *The Classical Psychologists*. Watson: *Behavior: An Introduction to Comparative Psychology*; *Psychology from the Standpoint of a Behaviorist*. MacDougall: *Body and Mind*. Ward: *Psychological Principles*.

C. **Metaphysics.**—Taylor: *Elements of Metaphysics*. Bradley: *Appearance and Reality*. Bergson: *Time and Free Will*.

D. **Ethics.**—Mackenzie: *Manual of Ethics*. Moore: *Principia Ethica*. Sidgwick: *Methods of Ethics*, and *History of Ethics*. Green: *Prolegomena to Ethics*. Rashdall: *Theory of Good and Evil*.

E. **History of Modern Philosophy.**—Locke: *Essay on the Human Understanding*, I, II, V. Berkeley: *Principles of Human Knowledge, New Theory of Vision, Dialogues between Hylas and Philonous*. Hume: *Inquiry into Human Nature*. Kant: *Critique of Pure Reason*, to the end of the Transcendental Dialectic.

F. **History of Greek Philosophy.**—Gompers: *Greek Thinkers*. Adam: *Religious Teachers of Greece*. Plato: *Republic*, I-III, V, VI, VII. Aristotle: *Ethics*, I-III, VII, X.

VII. Mathematics.

Preliminary Classes.—Mathematics 1, 2, 3 and 4, and Physics 1, or 2 and 3.

Undergraduates taking the Honour course in Mathematics are recommended to take German and Physics 1, or 2 and 3 in their first and second years. 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, Mechanics 2 and Physics 4, 5, 7 and 10. The standard of attainment shown in the examinations in Physics 4 and 5 will be considered in the final award.

The special Honour examinations will be set on the following subjects:

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 7 or appointed for private reading. The solution of these problems involves the use of Analytical Geometry, Calculus, Differential Equations and Vector Analysis.

VIII. Physics.

Preliminary Classes.—Mathematics 1, 2, 3 and Physics 2 and 3.

Undergraduates taking the Honour course in Physics are recommended to take German, Physics 2 and Mathematics 1 and 2 in their first year and Physics 3, Chemistry 2 and Mathematics 3 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 at least eight classes in Physics, Mathematics and Mathematical Physics.

The Special Honour examinations will be set to test (1) the students general knowledge of the more elementary parts of the subject, (2) his grasp of the more advanced parts of the subject which have been taken up in lectures and (3) his ability to make up some part of the subject without the aid of lectures.

IX. Chemistry.

Preliminary Classes.—Chemistry 1, 2 and 4, Physics 1, Mathematics 1, 2, 3. Two classes in German are recommended.

In order to complete this course in four years, it is necessary to take Mathematics 1, 2, 3. Physics 1, Chemistry 1, 2 and 4 in the first and second years; and Physics 4, 5 and 10, Chemistry 5, 6, 7, 8, and 9 or 10 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 special branches of analysis, or the preparation of organic compounds. The standard of attainment shown in Physics 4 and 5 (Distinction courses), Physics 10 and Chemistry 5, 6, 7, 8, and 9 or 10, will be considered in the final award.

The special Honour examinations will be set on the following subjects:

A. Inorganic and Physical Chemistry.—Mellor: *Modern Inorganic Chemistry*. Ostwald: *Principles of Inorganic Chemistry*. Walker's: *Introduction to Physical Chemistry*. Washburn: *Physical Chemistry*. Selected portions of LeBlanc's *Text-book of Electro-Chemistry* and of *Text-books of Physical Chemistry*, edited by Sir William Ramsay. The requirements in Physical Chemistry are in large part covered by the class-work of Chemistry 6.

B. Organic Chemistry.—Holleman: *Organic Chemistry*. Cohen: *Organic Chemistry* (selected chapters). Porter: *The Carbon Compounds*.

C. History of Chemical Theory.—The development of chemical theory as treated in Chemistry 5 with the prescribed supplementary reading. Candidates are required to have a thorough

knowledge of 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 Benzoesäure* (Ostwald's *Klassiker*, No. 22). Liebig: *Ueber die Constitution der organischen Säuren* (Ostwald's *Klassiker*, No. 26).

D. **Laboratory Methods.**—The principles and methods of analysis and of the preparation of inorganic and organic substances, as in Chemistry 7, 8 and 10, including Distinction work.

X. Geology and Geological Chemistry.

Preliminary Classes.—Geology 1, Physics 1, Chemistry 1 and 2, and Biology 2 and 3, or 1A.

Prospective candidates are recommended to take German.

The special Honour examinations will be set on the following subjects:

- (a) General Geology; (b) Mineralogy; (c) Petrography;
- (d) Economic Geology; (e) Geological Chemistry.

Master of Arts and Master of Science.

A candidate for the degree of Master of Arts or Master of Science must hold the corresponding Bachelor's degree from a College or University recognized by the Senate for the purpose, and have held it for at least one year, and be of good character and standing. The course of study for the degree shall be confined to one subject or two closely related subjects, and must be submitted to, and receive in advance the approval of the Faculty of Arts and Science. The course shall consist of work in advance of that given in the ordinary undergraduate classes; but some of the more advanced undergraduate classes may be a part of it, provided these have not been part of the work of the candidate for the Bachelor's degree. At least three undergraduate classes must already have been taken in the main subject offered and distinction must have been obtained in the last two classes so taken. The course shall comprise work amounting to not less than that of five classes, and designed to occupy the candidate's time for not less than forty hours per week for a session, class attendance and time spent on preparation being included. The work may be done wholly or in part

by private reading by graduates of Dalhousie University, for whom attendance at the University is not necessary; all other candidates must be in residence. When work done extra-murally is offered for the degree two years must have elapsed since graduation before the examinations for the Master's degree can be taken. In announcing the award it shall be stated whether the course was taken in residence or extra-murally.

The course of study for the Master's degree shall be arranged for each candidate by the department chiefly concerned, due consideration being taken of the candidate's preparation, needs and aims. In case of deficient preparation for what the department regards as proper graduate work, prerequisite undergraduate classes may be prescribed, but such classes shall not count as part of the work for the degree.

An essay or thesis may be required of the candidate. When required, it shall be regarded as forming one-fifth of the full course of study and should occupy one fifth of the candidate's time for the session. This restriction, however, shall not apply to the departments of Physical Science. Theses must be sent to the Secretary of the Faculty on or before the first of March.

An undergraduate who, at the beginning of a session, has fewer than five classes to complete in order to obtain the Bachelor's degree, may be permitted, with the approval of the Faculty, to take not more than two advanced classes with a view to including such class or classes in a subsequent course for the Master's degree.

A candidate for a Master's degree must complete the entire work of his course before being admitted to any examinations for the degree, and the time over which such examinations may extend shall not exceed a fortnight. A student failing in any one of the examinations is required to repeat all examinations. The pass mark shall be fifty per cent. in each subject. 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 their intention to appear for examination, and the fee must accompany the notice.**

Uniform Course for all Branches of Engineering.

This course is intended for students who look forward to taking a degree in Civil, Electrical, Mechanical or Mining Engineering. It covers the first two years of a course for such a degree, and corresponds to the requirements prescribed for admission to the courses for a degree in Engineering in the Nova Scotia Technical College, or to entrance into the third year of other engineering institutions. A Diploma is given for successful completion of the course.

The minimum work of the course is so arranged that it can be covered in two years, but students are advised (unless they already have grade XII standing in English, Algebra, Geometry and Trigonometry) that it is preferable that they should give three years to the course, taking extra classes in English, Geology and Chemistry, and thus lay a better foundation for an engineering career.

The minimum necessary and essential preliminary requirements in order to enter upon the course in Engineering are: Matriculation in (a) English, (b) Algebra (c) Geometry, and (d) Physics or Chemistry; but before a student will be admitted to the Nova Scotia Technical College, or third year of any other institution in which he is to take the final two years of his course, or be eligible for the diploma referred to above, he must have matriculation in (e) History and Geography, (f) French or German, and (g) Latin. French 1 or German 1 (or 50 per cent. in the corresponding grade XII examination) may be substituted for matriculation Latin.

First Year.—English 1, Mathematics 1 and 2, Physics 2, Chemistry 1, Drawing 1 and 2, Shopwork.

Second Year.—Mathematics 3 and 4, Physics 3, Mechanics 2, 3, 4 and 5, Surveying, Drawing 3.

For details of the work in the classes see pp. 55 *et seq.*

The schedules of courses for students who enter with grade XII standing in English and Mathematics, and for those with grade XI standing who are willing to give three years to the course may be had on application.

Course for Bachelor of Commerce.

The course of study prescribed for the degree of Bachelor of Commerce may be completed in four years, and consists of the following classes:

First Year.—French 1 or German 1 or Spanish 1, English 1, Mathematics 1C, Economics 1, Economic Geography, Accounting 1.

Second Year.—French 2 or German 2 or Spanish 2, English 2, History 1, Accounting 2, Biology 1 or Chemistry 1 or Physics 1, Marketing and Distribution.

Third Year.—Philosophy 1, French 10 or German 10 or Spanish 10, Business Organization, Economics 2, Commercial Law 1, Business Correspondence, one other class in Commerce.

Fourth Year.—Money and Banking, Labor and Trust Problems, Corporation Finance and Investment, Commercial Law 2, two other classes in Commerce, thesis or supervised work at the discretion of the Department requiring six hours a week.

Degree of Bachelor of Music.

The course for the degree of Bachelor of Music may be completed in three years. Candidates for the degree may be students of the pianoforte, or organ, or violin, or voice. Candidates are required to pass the examinations in the subjects of the course, to submit the prescribed compositions, and to satisfy the examiners of their proficiency as musical performers by passing the prescribed practical tests. In addition, before proceeding to the examinations of the final year they must have completed Matriculation and must have satisfied the department of Modern Languages that they have a good reading knowledge of French and German.*

The examinations in theory are the same for candidates in all branches of music.

*To meet this requirement candidates are advised 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.

Examinations.

The examinations are arranged in three groups or years. The examinations 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 examinations of the following one. The papers shall be set in accordance with the following schedule:

First Year.

1. Harmony in not more than four parts.
2. Analysis of Harmony.
3. Strict Counterpoint in two and three parts.
4. History of Music from the beginning of the Christian era down to 1750.
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 and two parts.
4. Canon and Imitation in two parts.
5. Fugue as far as subject and answer.
6. History of music since 1750.
7. English 2.

Third Year.

1. Strict and Free Counterpoint in not more than five parts.
2. All forms of Double, Triple and Quadruple Counterpoint; Canon and Imitation in two, three and four parts.
3. Strict and Free Fugue in not more than five parts.
4. Analysis of Form.
5. Acoustics, in its relation to the Theory of Music.
6. Orchestration.
7. Analysis of a Full Orchestral Score.

The University provides instruction in English, Acoustics, French and German. Instruction in the professional subjects may be obtained at the Halifax Conservatory of Music, or other institution recognized for this purpose by the Senate.

Candidates for examination must make application in accordance with the Regulations for Courses in Music. (See below).

Practical Tests.

The Practical Tests are held only at the time of the corresponding examinations, and an application for

examinations is considered as an application for the practical tests also. The practical tests of each of the three years are those given in detail in the calendar of the Halifax Conservatory of Music. A certificate of having passed the practical tests of the first year in an approved institution may be accepted, but those of the second and third years must be taken at this University.

Compositions.

Candidates shall compose the following exercises, which are to be submitted at or before the final examinations for the degree:

- (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.

Diploma of Licentiate of Music.

The Diploma of Licentiate of Music in Pianoforte, or Organ, or Violin, or Voice, will be granted candidates who complete two years of the course for the degree of Bachelor of Music by passing the examinations and practical tests of the first and second years.

General Regulations for Courses in Music.

Candidates for any examination must have passed Matriculation in English (see p. 11).

Candidates who present certificates from a recognized institution of having attended approved courses of instruction in the subjects of the first year, and of having passed examinations on them accepted as equivalent to those of this University, and of having satisfied the corresponding practical tests set by that institution may be exempted from the examinations and practical tests in the subjects of the first year. The examinations and practical tests of the second and third years must be taken at this University.

Candidates who hold the Diploma of Licentiate of Music of this University are exempted from the examinations and practical tests of the first and second years of the course for the degree of Bachelor of Music.

The regular examinations are held in April. Supplementary and Special examinations are held in September only. (See University Almanac).

Candidates for any examination must make application to the Secretary of the Faculty of Arts and Science not later than March 25th, the application being accompanied by the proper fee (see p. 54) and by certificates of having attended approved courses of instruction in the professional subjects of the examinations and of having satisfactorily completed the work of such courses.

COURSES IN PHARMACY.

Degree of Bachelor of Pharmacy.

Changes in the curriculum for this degree are under consideration and the details will be announced later.

Other Pharmacy Courses.

The Maritime College of Pharmacy, with the cooperation of some members of the staff of the University offers two other courses in Pharmacy, a Short Course for Pharmacy Clerks, and a Qualifying Course required of those who desire to become Registered Pharmacists in Nova Scotia, and a special course for those who desire to become Registered Pharmacists in New Brunswick. These courses are carried on in the University buildings, and the students are subject to University regulations and discipline.

The Short Course for Pharmacy Clerks is intended to prepare the student for the Certified Clerks Examination of the Nova Scotia Pharmaceutical Society. It is expected that students will have a general education at least equal to that of Grade IX. Attendance on this course is prerequisite to the Qualifying Course. The time of holding this course in 1925 will be announced later.

The Qualifying Course begins on Saturday, Sept. 27th, 1924, and ends with the University session. The course which covers two years and includes Chemistry, Botany and Microscopy, Materia Medica, Phar-

macy, Prescriptions and Dispensing and Economics, is designed to prepare the student to pass the final licensing examinations of the N. S. Pharmaceutical Society. It is necessary that students shall meet the University matriculation requirements prescribed for a degree in Medicine.

The Special course, suitable for New Brunswick students, covers one year and includes the subjects required for the Final Pharmacy Examinations of that Province. Students must have passed the "General Subjects" Examination of the N. B. Board of Pharmacy Examiners. This course also begins September 27th.

For the calendar of the Maritime College of Pharmacy, and for all information, address G. A. Burbidge, Forrest Building, Halifax, N. S.

General Faculty Regulations.

Admission to Classes.

1. Candidates for a degree must pass the Matriculation examinations (pp. 11-14). Only those classes which a student attends as an Undergraduate or Matriculant are recognized as qualifying for a degree in Arts or Science. In order to be a Matriculant in this Faculty the student must have passed Matriculation in English and at least four other subjects of Matriculation.

2. A Matriculant pursuing a course for a degree in Arts or Science and wishing to finish this course in four years should complete his Matriculation before entering the classes proper to the *second year of his course. Thereafter until Matriculation is completed such student shall not be permitted to attend more than four classes in any one year.

*For the purpose of this regulation five classes shall be regarded as constituting a year.

3. A Matriculant deficient in more than one subject of Matriculation shall not be admitted to more than four classes of a course for a degree.

4. A Matriculant deficient in one of the required foreign languages, whose preparation in this language has not covered any considerable part of the work prescribed for Matriculation, shall not be admitted to more than three undergraduate classes; and if deficient to a similar extent in the two required foreign languages, he shall not be admitted to more than two undergraduate classes. The Committee on Admission may, however, at their discretion, waive this regulation in the case of a student whose standing in the other subjects of Matriculation is high.

5. Classes are to be taken in the order of their advancement; and the class or classes specified under Courses of Instruction (p. 54 *et seq.*) as preliminary or prerequisite to a given class must be taken before such class. No undergraduate or matriculant shall be admitted to a class until he has passed the preliminary class or classes or other preliminary qualifications required.

6. Five classes shall be regarded as constituting a normal year's work for a student in good standing. Students seeking admission to six classes must make written application to the Committee on Studies, furnishing reasons in support of their application. No student who has failed in any class of his course in the preceding year of his attendance shall be admitted to more than five classes.

7. Students shall not be permitted to continue during the second term in more than two of the classes in which they have failed at the preceding Christmas examinations.

Attendance.

All students are required to attend the classes of their prescribed course regularly and punctually. Attendance is recorded in each class immediately before the work of the class is begun, and the record is not amended in 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 will be excluded from the examinations in that class, and his attendance will not be recognized as qualifying for a degree.

Class Work.

In order that their class work may be recognized as qualifying for a degree or diploma, candidates must not only comply with attendance regulations, but must also conform to the following requirements:

1. They must appear at all examinations, prepare such essays, exercises, reports, etc., as may be prescribed and, in case of a class involving field or laboratory work, complete such work satisfactorily. Failure to meet these requirements in any class may involve loss of credit for attendance in such 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. A candidate who fails to obtain a mark of at least 20 per cent. on the work of the session in any class shall lose credit for attendance in such class.

3. A candidate taking an affiliated course must, in the case of classes taken in another Faculty, conform to the regulations of such Faculty and must secure a position on the pass list in accordance with such regulations.

Examinations.

Sessional and Class Examinations.

In all classes other than purely laboratory classes, two examinations, at least, are held, the Christmas examinations, immediately before the Christmas vacation, and the Spring examinations, after the close of lectures in the Spring. Other examinations in any

class 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 Second term, and at least 25 per cent. of the questions shall be set on the ground covered before Christmas.

Ordinary and Distinction Class Lists.

The names of candidates successful in the ordinary examinations are arranged in the published lists in order of merit in each class. In some classes (See page 33) additional work consisting of private reading, essays, reports, field or laboratory work, is 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.

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 are arranged in the lists in order of merit in each grade.

Supplementary and Special Examinations.

A student who fails to secure a position on the Pass List in a class, but who has otherwise fulfilled the requirements in class work stated on page 51, may be allowed the Supplementary examination in such class at the beginning of the next session of his attendance, on the day appointed in the University Almanac. A student who fails to appear at or to pass the Supplementary examination can only get credit for that class by passing a *Special examination therein.

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

*Students who have failed to pass in any class should carefully note that any examination taken subsequent to the Supplementary examination, held in September of the next session of their attendance is a Special examination. The standard required to pass a Special Examination is considerably higher than that required for other examinations.

Supplementary and Special Examinations are held in September only.

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 September 1st, the fee (see p. 54) to be remitted with the notice.

Fees.

All Fees and Deposits are payable in advance, and until these are paid the student will not receive credit for attendance upon any class, nor be admitted to any examination

For Registration.*

Payable by students taking only one class in the University	\$3.00
Payable by students taking more than one class	5.00
Additional, payable by all students registering after the beginning of lectures, for each day	2.00

The Registration Fee entitles a student to the use of the University Library, Athletic Field, and Gymnasium.

For Tuition.

For each class not involving work in laboratory or draughting-room	\$ 18.00
†For each class involving work in laboratory or draughting room	23.00
For students taking one of the regular engineering courses the maximum annual tuition fee will be	125.00
For each tutorial M. A. class	9.00
For changing course of study after October 10th, charge for adding or substituting a class	1.00

These charges are the same whether the class is attended for all or part of the year.

A class taken a second time is charged for as if taken for the first time, except as stated below.

*Students who register only for the purpose of taking examinations are exempt from the payment of this fee.

†See Laboratory Deposit, p. 19.

COURSES OF INSTRUCTION.

I. Classics.

Professors.....Howard Murray (*Head of dept.*), E. W. Nichols.
Associate Professor.....A. K. Griffin.
Lecturers.....J. W. Falconer, J. W. Logan.

Latin.

Elementary Latin.—Tuesday, Thursday and Saturday, 11—12 a. m., and another hour to be determined after the class is formed.

This class is intended for beginners in the language, and for those whose work has been insufficient to qualify them for admission to Latin 1. Students whose work throughout the session has been satisfactory will be admitted to a Matriculation examination in Latin, held in April.

As it will not be possible to cover in class all of the reading required for Matriculation, students intending to qualify for the above examination must do a considerable part of the reading by private work, and must be prepared to devote much more time to the subject outside of class hours than is required in the ordinary undergraduate class.

The first book to be used will be Collar & Daniell's *First Year Latin*, (Ginn & Co., Boston). Other books will be announced at the beginning of the session.

1. Tuesday, Thursday and Saturday, 10—11 a. m. or Monday, Wednesday and Friday, 12-1 p. m.

Pre-requisite.—Matriculation Latin.

Cicero: *Orations against Catiline I and III*. Vergil: *Aeneid*, Book VI. Latin Grammar. Latin Prose Composition. Exercises in Sight Translation.

Books Recommended: Cicero: *Selected Orations and Letters*, (Kelsey's, Allyn & Bacon, Boston). Vergil: *Aeneid*, Book VI. (Freeman's, Oxford Univ. Press, Toronto). North & Hillard's *Latin Prose Composition*, (Rivington, London) Allen & Greenough's *New Latin Grammar*, (Ginn & Co., Boston).

2. Monday, Wednesday and Friday, 10-11 or 11—12 a. m.

Pre-requisite.—Latin 1.

Livy: Book I. Horace: *Selected Odes*. *Vergil: *Aeneid*, Book VII. Latin Grammar, Latin Prose Composition. Exercises in Sight Translation.

Books Recommended: Livy: Book I. (Freeman's, Oxford University Press, Toronto). Horace: *Selected Odes*, (Wickham's, Oxford University Press). Vergil: *Aeneid* Book VII, (Calvert's, Macmillan Co., Toronto). Allen & Greenough's *New Latin Grammar*.

3. (1924-25). Tuesday and Thursday. 11—12 a. m.

Pre-requisite.—Latin 2.

Tacitus: *Histories*, Book 1. Horace: Selected Satires. *Tacitus: *Histories*, Book II, Chapters 1-70. Latin Prose Composition. Exercises in Sight Translation.

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

Books Recommended: Tacitus: *Histories*, Books I and II, (Moore's, Macmillan, Toronto). Horace: *Satires and Epistles*, (Rolfe's, Allyn & Bacon, Boston).

4. (1925-26). *Tuesday and Thursday, 11—12 a. m.*

Pre-requisite.—Latin 2.

Plautus: *Trinummus*. Selections from the works of writers of the Early Empire.

5. (1924-25). Terence: *Phormio*. Vergil: *Georgics*, I, IV. Horace: *Epistles*, I, II, *Ars Poetica*. Juvenal: *Satires*, I, VII, VIII, XIV. Cicero: *Philippic I, Pro Cluentio*. Livy: XXI, XXII.

6. (1925-26) Plautus: *Captivi, Miles Gloriosus*. Terence: *Adelphi*. Cicero: *Philippic II, De Oratore I*. Tacitus: *Annals*, I, II, *Agricola*, Pliny: *Letters*, Books I-III.

In all Latin examinations one or more passages from books not prescribed will be set for translation at sight.

Greek.

Elementary Greek.—*Monday and Friday, 10—11 a. m., and Tuesday and Thursday, 2.30—3.30 p. m.*

This class is intended for beginners in the language, and also for those who have come to college without sufficient preparation to qualify them for entering Greek 1. The first book used will be White's *First Greek Book*, (Ginn & Co., Boston). Other books will be announced at the beginning of the session.

Students whose work throughout the session has been found satisfactory will be admitted to a Matriculation examination in Greek, held in April. Those intending to qualify for this examination should read the statement made under Elementary Latin which is applicable here also, regarding the additional work required outside of class hours.

1. *Tuesday, Thursday and Saturday, 9—10 a. m.*

Pre-requisite.—Matriculation Greek.

Xenophon: *Hellenica*, Book II. Plato: *Euthyphro*. Greek Grammar. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Xenophon: *Hellenica*, Books I, II, (Underhill's, Oxford University Press, Toronto). Plato, *Euthyphro*. (Adam's Cambridge University Press). North & Hillard's *Greek Prose Composition*, (Rivington, London). Goodwin's *Greek Grammar*, (Ginn & Co., Boston).

2. *Monday and Wednesday, 9—10 a. m.*

Pre-requisite.—Greek 1.

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

Books recommended: Lucian: *Selections*, (Inge & Macnaghten's, Longmans). Homer: *Odyssey*, Books VII—XII, (Merry's, Oxford University Press, Toronto). North & Hillard's *Greek Prose Composition*, (Rivington, London).

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

3. (1924-25). *Monday and Wednesday, 12—1 p. m.*
 Pre-requisite.—Greek 2.
 Demosthenes: *Philippics* I, II, III. Euripides: *Medea*.
 *Demosthenes: *Olynthiacs* I, II. *Homer: *Odyssey*, Book I.
 Books recommended: Demosthenes: *Philippics*, (Abbott and Matheson's, Oxford University Press, Toronto). *Olynthiacs*, (Glover's, Cambridge University Press). Euripides: *Medea*, (Heberden's, Oxford University Press, Toronto). Homer: *Odyssey*, Book I, (Marchant's, George Bell & Sons, London).
4. (1925-26). *Monday and Wednesday, 12—1 p. m.*
 Pre-requisite.—Greek 2.
 Plato: *Apology*. Aristophanes: *Clouds*. *Plato: *Crito*.
 *Homer: *Iliad*, Book VI. Greek Prose Composition. Exercises in Sight Translation.
5. (1924-25). Aeschylus: *Eumenides*, *Prometheus Vincetus*. Sophocles: *Ajax*. Aristophanes: *Frogs*. Thucydides: II. Plato: *Republic*, I-IV
6. (1925-26). Homer: *Odyssey*, V-VIII. Sophocles: *Oedipus Rex*. Aristophanes: *Knights*. Thucydides: III. Demosthenes: *De Corona*. Aristotle: *Poetics*.
 In all Greek examinations one or more passages from books not prescribed will be set for translation at sight.

Archaeology.

Monday and Wednesday, 3.30—4.30 p. m.

This course, conducted by Professor J. W. Falconer, consisting of about fifty lectures accompanied with illustrations will give an outline of the history of ancient sculpture, painting, architecture and the minor arts. The introductory lectures will be devoted to Egyptian and Assyrian Archaeology, while the major part of the course will deal with Greek and Roman antiquities.

Text Books: Fowler and Wheeler: *Greek Archaeology*. Wickoff: *Roman Art*. Books Recommended: Fowler and Wheeler: *Oriental Antiquities*. Maspero: *Egyptian Archaeology*. Gardner and Jevons: *Manual of Greek Antiquities*. Anderson and Spiers: *Architecture of Greece and Rome*. W. M. Ramsay: *Studies in the History and Art of the Eastern Roman Provinces*. Baldwin Brown: *The Fine Arts*.

Introduction to Philology.

Two hours per week. Hours to be assigned.

Pre-requisites.—Two years of Latin or Greek, and at least one year of another foreign language.

This course, conducted by Dr. E. W. Nichols, aims to furnish (1) an outline picture of the history of scholarship: (2) an elementary knowledge of the methods, problems and results of philological investigation. The course is conducted by means of lectures and assigned readings. Reading for distinction will be assigned early in the session.

II. New Testament Greek.

Tuesday, Wednesday, Friday and Saturday. 12.25 p. m.

Pre-requisite.—Greek 1.

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

The class and examinations in New Testament Greek conducted by Professor J. W. Falconer, M. A., D. D., in the Presbyterian Theological College, Halifax, are recognized as qualifying for a degree for those taking the affiliated course for Divinity. 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 Bible Society's new edition of the *New Testament in Greek*. J. H. Moulton: *Introduction to N. T. Greek*. Lake: *The Text of the New Testament*. Matthews: *A History of the New Testament Times in Palestine*.

Books Recommended: Moulton: *Grammar of New Testament Greek*. Sanday: *Outlines of the Life of Jesus Christ*.

III. Hebrew.

Tuesday, Thursday, Friday and Saturday, 8.45 a. m.

The class and examination in Hebrew, conducted by Professor H. A. Kent, M. A., D. D., in the Presbyterian Theological College, Halifax, are recognized as qualifying for a degree for those taking the affiliated course for Divinity. 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, or other books.

Text Books: Kittel: *Biblia Hebraica, or Hebrew Bible* issued by B. and F. B. Society. Davidson: *Hebrew Grammar*, 21st Edition, Edited by MacFadyen.

Books Recommended: Fagnani: *Primer of Hebrew*. Gesenius-Kautzsch: *Hebrew Grammar*, (trans. by Collins and Cowley). Brown-Briggs-Driver: *Hebrew Lexicon*.

IV. Modern Languages.

Professor..... René Gautheron.
Associate Professors..... C. H. Mercer; R. W. Scott.

French.

1. **Tuesday, Thursday and Saturday, Section I, 9-10 a. m., Section II, 10-11 a. m.*

Pre-requisite.—Matriculation French.

Buffum: *Contes français*. Corneille: *Le Cid*. *French Newspaper Reader* (Am. Book Co.). Mansion: *Extracts for French Composition*. *History of French Literature*.

2. *Tuesday, Thursday and Saturday, Section I, 9-10 a. m., Section II, 10-11 a. m., Section III, Monday, Wednesday and Friday, 9-10 a. m.*

Pre-requisite.—French 1.

*The University provides no instruction for beginners in French, but extramural classes will be formed, if a sufficient number of students apply, to provide instruction in French for Matriculation.

Molière: *Le Misanthrope*, (Macmillan & Co.). *Scenes of Travel* (Clarendon Press). Ritchie and Moore: *French Prose*, (Dent & Co.). French Prose Composition. Conversation. Dictation. History of French Literature with special reference to the 18th Century. Additional for distinction. Loti: *Pêcheur d'Islande* (Holt & Co.). Corneille: *Nicomède* (Macmillan & Co.).

3. (1924-25). Tuesday and Thursday, 3.30-4.30 p. m.

Pre-requisite.—French 2.

Des Granges: *Les grands Écrivains français*, (Hachette, Paris.) Advanced French Prose Composition, (Ritchie and Moore). Conversation. Duval: *Histoire de la Littérature Française*, (Heath & Co.). Gazier: *Dictionnaire Français*, (Colin, Paris). Brunot et Bony: *Méthode de Langue française, troisième livre*, (Colin, Paris). Additional for Distinction: Balzac: *Eugénie Grandet*, (Oxford Univ. Press). Rostand: *Cyrano de Bergerac*. Duval: *Littérature Française*, (selected period).

4. (1925-26). Tuesday and Thursday, 3.30-4.30 p. m.

Buffum: *Stories from Balzac*, (Holt & Co.). Schinz & King: *Seventeenth Century French Readings*, (Holt & Co.). Corneille: *Horace*, (Heath & Co.). Advanced French Prose Composition, (Ritchie and Moore). Brunot et Bony: *Méthode de Langue Française, troisième livre*, (Paris, Colin). Conversation. Duval: *Histoire de la Littérature Française*. Additional for Distinction: Chéribuliez: *Le comte Kosiia*, (Nelson). Racine: *Phèdre*. Faguet: *Dix-septième siècle*.

10. *Commercial French*, two hours per week. For students looking forward to the degree of Bachelor of Commerce. It cannot be offered as an elective for Arts or Science degrees.

German.

Elementary German.—Tuesday, Thursday and Saturday 9-10 a. m.

Harris: *German Lessons*, (D. C. Heath & Co.). Huss: *A German Reader*, (Heath & Co.). Hauff: *Das kalte Herz*, (Holt & Co.). Exercises in Grammar and Composition.

This class will not count towards a degree; but students whose work throughout the session has been satisfactory will be admitted to a Matriculation examination in German, held in April.

1. Tuesday, Thursday and Saturday, 10-11 a. m.

Pre-requisite.—Matriculation German.

Schiller: *Wilhelm Tell*. Hatfield: *German Lyrics*. Baumbach: *Der Schwiegersonn*, (Holt & Co.). Freytag: *Die Journalisten*. German Syntax (von Jagemann). *Writing and Speaking German*, (Pope). Allen: *German Life*. Exercises in Sight Translation. History of German Literature.

2. Monday and Wednesday, 2.30-3.30 p. m.

Pre-requisite.—German 1.

Nichols: *Modern German Prose*, (Holt & Co.). Freytag: *Soll und Haben*, (Heath & Co.). Heine: *Die Harzreise*, (Ginn & Co.). German Prose Composition. Conversation. Dictation. History of German Literature (selected period).

Additional for Distinction: Kleist: *Michael Kohlhaas*, (Macmillan). Scheffel: *Der Trompeter von Säckingen*.

3. Wednesday, 4.30-5.30 p. m.

Pre-requisite.—German 2.

This class has as its object the critical study of important literary movements. It will be conducted, partly, at least, as a seminar, and members of the class will be required to write reports on books read in private and essays in German at stated intervals.

This class will only be given if a sufficient number of qualified students apply for it.

10. Commercial German, two hours per week. For students looking forward to the degree of Bachelor of Commerce. It cannot be offered as an elective for the Arts or Science degrees.

Spanish.

1. Monday, Tuesday, Wednesday, Thursday and Friday, 3.30-4.30 p. m.

Hills and Ford: *First Spanish Course*, (Heath). Wilkins: *Elementary Spanish Reader*, (Holt). Taboada: *Cuentos Alegres*, (Heath). Hills and Reinhardt: *Spanish Short Stories*, (Heath).

This class, covering Matriculation Spanish and a year of College work, will count towards a degree.

2. Tuesday, Thursday and Saturday, 11-12 a. m.

Wilkins: *Second Spanish Book*, (Holt). Luria: *Correspondencia Comercial*, (Silver, Burdett). Morley: *Spanish Humor*, (Ginn).

10. Tuesday and Thursday, 2.30-3.30 p. m.

Luria: *Correspondencia Comercial*, (Silver, Burdett). Camba: *Un año en el otro mundo*, (Madrid). Baroja: *Páginas escogidas*, (Madrid). For Composition in Spanish 3 occasional exercises will be taken from Wilkins: *Second Spanish Book*.

For students looking forward to the degree of Bachelor of Commerce. It cannot be offered as an elective for the Arts or Science degrees.

V. Biblical Literature.

Lecturer..... H. A. Kent.

There are two classes in the literature of the Old and New Testaments. Either one, but not both, of these classes may be offered as an elective for a degree in Arts.

1. (1924-25). *Tuesday and Thursday, 4.30-5.30 p. m.*

Old Testament. The Hexateuch and Historical Books of the Old Testament and the pre-exilic Prophets. Lectures are given on the relation of Hebrew literature to the literatures of the ancient Orient, the various kinds of writing to be found in the Old Testament, and the structure and contents of the books themselves.

Text Books: Martin: *The Meaning of the Old Testament*. Peake: *The Bible, its Origin, Significance and Abiding Worth*. Relevant articles in Hastings' *Dictionary of the Bible*.

New Testament. The Gospels studied as the literary sources for the Teaching of Jesus.

Books Recommended: Burton: *Introduction to the Gospels*. Moffatt: *New Testament*. Goodspeed: *The Story of the New Testament*. Relevant articles in Hastings' *Dictionary of the Bible*.

2. (1925-26). *Tuesday and Thursday, 4.30-5.30 p. m.*

Old Testament. The exilic and post-exilic Prophets, the Poetry and Wisdom literature. Lectures are given on the decline of prophecy, the rise of the Wisdom and Apocalyptic literature, and the character of Hebrew poetry.

Text Books: MacFadyen: *Introduction*. Cadbury: *National Ideals in the Old Testament*. Jackson: *Studies in the Old Testament*.

New Testament. The Apostolic Age, as portrayed in the books of the New Testament not studied in Course 1.

Books Recommended: Ropes: *The Apostolic Age*. Goodspeed: *The Story of the New Testament*.

VI. English Language and Literature.

Professors.....Archibald MacMechan, (*Head of dept.*); W.D. MacFarlane.
Associate Professor.....C. L. Bennet.
Lecturer.....E. Margaret Lowe.

1. *Monday, Wednesday and Friday, 11-12 a. m.*

Pre-requisite.—Matriculation English.

Composition.—Twenty narrative and descriptive themes, based on personal experience and work read in class. The class will be divided into sections each of which will meet the instructor an extra hour weekly for discussion of themes.

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

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

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 Third Chapter*. Herbert Paul: *Queen Anne*. (Wayfarers Library).

2. *Monday, Wednesday and Friday, 12-1 p. m.*

Pre-requisite.—English 1

Composition.Lectures on the Principles of Narration, Description and Exposition. Twenty expository themes, based chiefly upon the work in class. The class will be divided into Sections each of which will meet the instructor an extra hour weekly for discussion of themes.

Literature.—Elizabethan. Shakespeare: *Henry V, The Tempest, Hamlet*. Milton: *L'Allegro, Il Penseroso, Lycidas, Comus, Sonnets, Paradise Lost*, Bks. i, ii. Lectures.

For reference.—Sidney Lee: *A Life of William Shakespeare*. Dowden: *Shakespeare Primer*. Saintsbury: *History of the Elizabethan Literature*. Sichel: *The Renaissance*.

Candidates for class distinction will be examined in the following plays which are not read in class:—*Richard II, As You Like It, Coriolanus*.

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). Bailey: *Milton*.

3. **Middle English and Pre-Shakesporean Literature.**—

(1924-25). *Tuesday and Thursday, 3.30-4.30 p. m.*

Pre-requisite.—English 2.

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*. Morley: *English Writers, V*. Legouis: *Chaucer*.

For Distinction:—Chaucer: *The Prioress's Tale, Sir Topas, The Monk's Tale*. The whole volume of Skeat.

4. **Nineteenth Century Literature.**—(1924-25). *Tuesday and Thursday, 4.30-5.30 p. m.*

Pre-requisite.—English 2.

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. Words-

worth: *Poems*, edited by Dowden. Selected poems of Coleridge, Shelley and Keats.

History of Literature. Saintsbury: *History of Nineteenth Century Literature*. Hereford: *Age of Wordsworth*.

For Distinction: A Thesis on a subject assigned by the instructor.

5. Nineteenth Century Literature.—(1925-26). *Tuesday and Thursday, 4.30-5.30 p. m.*

Pre-requisite.—English 2.

Selected poems of Tennyson, (Poems of Tennyson, ed. MacMechan, *Belles Lettres* series). Selections from Browning, (Dent's one vol. ed.) and Arnold. Dickens: *David Copperfield*, (Everyman's Library). Thackeray: *Vanity Fair*, (Everyman's Library). Carlyle: *Sartor Resartus*, ed. MacMechan, (Athenaeum Press Series). Monthly reports:

History of Literature. Saintsbury: *History of Nineteenth Century Literature*. Walker: *The Age of Tennyson*. Chesterton: *Victorian Literature*. Elton: *Survey of English Literature, 1830-1880*.

For Distinction, as in English 4.

6. Old English.—*Tuesday and Thursday, 2.30-3.30 p. m.*

Pre-requisite.—German 1.

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

This course is intended primarily for Honour Students in English, and will be given only if a sufficient number of qualified students apply for it.

7. Elizabethan Drama.—

Pre-requisite.—English 2.

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*. Shakespere: *The Tragedies, Two Noble Kinsmen*.

This course, conducted as a Seminar, is intended primarily for Honour Students in English. It will only be given if a sufficient number of qualified students apply for it.

8. Literary Movements in Canada.—(1924-25). *Tuesday and Thursday, 3.30-4.30.*

Pre-requisite.—English 2.

MacMechan: *Head-Waters of Canadian Literature*. Broadus: *A Book of Canadian Prose and Verse*. Fournier: *Anthologic des Poètes Canadiens*.

Distinction: Thesis on the work of a Canadian author.

Note: A reading knowledge of French will be an advantage to students taking this course.

9. Modern Drama and Poetry.—(1924-25). *Tuesday and Thursday, 2.30-3.30 p. m.*

Pre-requisite.—English 2.

This class is intended primarily for Honours students, but a limited number of other qualified students may be admitted.

10. Advanced English Composition.

Pre-requisite.—English 2.

Only a limited number of specially qualified students will be admitted to this class. Laboratory methods will be used. There will be daily composition with criticism and revision.

Text Book: Manly and Rickert: *The Writing of English*.

VII. History.

Associate Professor (Head of Dept).....G. E. Wilson.
Professor.....A. Stanley Walker.

History.

1. History of Europe Since the Fall of the Roman Empire.—
Monday, Wednesday and Friday, 9-10 a. m. or 10-11 a. m.

Pre-requisite.—Matriculation History.

Given annually. Required of all students taking the ordinary Arts course.

Text Books: Robinson: *History of Western Europe*. Assigned readings. Suggested Reading: Munro and Sellery: *Medieval Civilization*. Emerton: *Introduction to the Middle Ages, Medieval Europe*. Bryce: *Holy Roman Empire*. Day: *History of Commerce*. Abbott: *The Expansion of Europe*. Hazen: *Modern European History*.

2. Ancient History.—(1925-26, and in alternate years).—
Monday, Wednesday and Friday, 10-11 a. m.

Pre-requisite.—History 1.

Text Books: Plutarch: *Selected Lives*. Dickinson: *The Greek View of Life*. Pelham: *Outlines of Roman History*. Suggested Reading: Bury: *History of Greece*. Zimmern: *Greek Commonwealth*. Herodotus: *Thucydides*. Mommsen: *History of Rome*. Heitland: *History of the Roman Republic*. Abbott: *Roman Political Institutions*. Greenidge: *Roman Public Life*. Dill: *Roman Society from Nero to Marcus Aurelius*. Mackail: *Latin Literature*.

3. Modern England.—(1924-25, and in alternate years).—
Monday, Wednesday and Friday, 10-11 a. m.

Pre-requisite.—History 1.

Text Books: Cross: *History of England*. Assigned readings. Suggested Readings: Fisher: *England under the Tudors*. Trevelyan: *England under the Stuarts*. Firth: *Oliver Cromwell*. Macaulay: *History of England*. Lecky: *History of England in the Eighteenth Century*. Walpole: *England since 1815*. Seeley: *The Expansion of England*.

4. **History of Europe since 1815.**—(1924-25, and in alternate years).—*Tuesday and Thursday, 11-12 a. m.*

Pre-requisite.—Two classes in History.

This class will be conducted partly by the seminar method, no text book being set, but readings will be assigned on various topics. Some knowledge of the bibliography of the period will be required.

Suggested Reading: Hazen: *Modern European History*. Hayes: *Political and Social History of Modern Europe*. Thayer: *The Life and Times of Cavour*. Trevelyan: *Garibaldi and the Thousand*. Garibaldi: *the Making of Italy*. Fisher: *Bonapartism*. Headlam: *Bismarck*. Dawson: *The Evolution of Modern Germany*. Seymour: *Diplomatic Background of the War*.

5. **History of Europe, 1715-1815.** (1925-26, and in alternate years).—*Tuesday and Thursday, 11-12 a. m.*

Pre-requisite.—Two classes in History.

This class will be conducted like History 4, readings being assigned on selected topics. The chief subjects for study will be the French Revolution and the career of Napoleon.

Suggested Reading: Macaulay: *Essay on Frederick the Great*. Mahan: *The Influence of Sea Power upon History*. Lowell: *The Eve of the French Revolution*. Morley: *Voltaire*. Tocqueville: *The Old Regime*. Taine: *The French Revolution*. Carlyle: *The French Revolution*. Aulard: *The French Revolution*. Rose: *Life of Napoleon*. Rosebery: *The Last Phase*.

6. **England under the Tudors.** (1925-26, and in alternate years).

Pre-requisite.—Two classes in History.

7. **The Fourteenth Century.**—(1924-25, and in alternate years).—*Monday and Wednesday, 2.30-3.30 p. m.*

Pre-requisite.—Two classes in History.

Suggested Reading: Poole and Hunt: *Political History of England, Vols. III and IV*. Lodge: *Close of the Middle Ages*. Jusserand: *English Wayfaring Life in the Middle Ages*. Cunningham: *Growth of English Industry and Commerce, Vol. I*. Traill: *Social England, Vol. II*. Froissart's *Chronicle*.

8. **History of Canada to 1837.**—(1925-26, and in alternate years).—*Tuesday and Thursday, 10-11 a. m.*

Pre-requisite.—History 1.

Suggested Reading: Parkman: *Works*. Munro: *The Seigniorial System in Canada*. Garneau: *Histoire du Canada*. Durham: *Report. Canada and its Provinces*.

9. **History of Canada Since 1837.**—(1924-25, and in alternate years).—Tuesday and Thursday, 10-11 a. m.

Pre-requisite.—History 1.

Suggested Reading: Dent: *Canada since the the Union of 1841*. Turcotte: *Le Canada Sous L' Union*. Bryce: *Remarkable History of the Hudson Bay Co*. Skelton: *Life and Times of A. T. Galt*, *Life and Letters of Sir Wilfrid Laurier*. Pope: *Sir John Macdonald*. Preston: *Life and Times of Lord Strathcona*. Cartwright: *Reminiscences*. Siegfried: *The Race Question in Canada*. Moore: *The Clash. Canada and its Provinces*.

VIII. Economics.

Professor

Assistant Professor W. Russell Maxwell.

1. **Principles of Economics.**—Monday, Wednesday and Friday, 11-12 a. m. or 12-1 p. m.

Text Book: Ely: *Outlines of Economics*.

Books Recommended: Marshall: *Principles of Economics*. Taussig: *Principles of Economics*. Carnec: *The Distribution of Wealth*. Clay: *Economics for the General Reader*.

2. **Modern Economic History.**—(1924-25). Tuesday and Thursday, 3.30-4.30 p. m.

Pre-requisite.—Economics 1.

Text Books: Ogg: *Economic Development of Modern Europe*. Bogart: *Economic History of the United States*.

Books Recommended: Cunningham: *Growth of English Industry and Commerce. Canada and its Provinces*, Selected Portions. Toynbee: *Industrial Revolution*.

3. **Money and Banking.**—(1924-25) Monday and Wednesday, 3.30-4.30 p. m.

Pre-requisite.—Economics 1.

Text Books: Withers: *The Meaning of Money*. Dunbar: *The Theory and History of Banking*.

Books Recommended: Conant: *History of Modern Banks of Issue*. Johnson: *Money and Currency*. Fisher: *The Purchasing Power of Money*. Bagehot: *Lombard Street*. Johnson: *Canadian Banking System*. Walker: *Money*. Scott: *Money and Banking*.

4. **Trade Unions and Trusts.**—(1924-25). Tuesday and Thursday, 10-11 a. m.

Text Books: Webb: *Industrial Democracy*. Webb: *History of Trade Unionism*. Jenks and Clark: *The Trust Problem*.

Books Recommended: Cole: *The World of Labour*. Cole: *Self Government in Industry*. MacGregor: *Industrial Combination*.

5. **Taxation and Public Finance.**—(1925-26).

Pre-requisite.—Economics 1.

Text Books: Bastable: *Public Finance*.

Books Recommended: Seligman: *Essays in Taxation*. Plehn: *Introduction to Public Finance*. Stamp: *The Principles of Taxation*.

6. Statistics.

Pre-requisite.—Economics I, Matriculation Mathematics.

Text Book: W. O. King: *Elements of Statistical Method.*

Books Recommended: Yule: *Introduction to the Theory of Statistics.* Bowley: *Elements of Statistics.* Secrist: *Introduction of Statistical Methods.* Fisher: *Index Numbers.* Mitchell: *Index Numbers of Wholesale Prices in the United States and Foreign Countries.*

7. History of Economics.

This course will only be given to advanced students who apply for it in sufficient numbers. It aims to trace the development of economic doctrine from the earliest times up to the present.

Books Recommended: Gide and Rist: *History of Economic doctrine.* Ingram: *History of Political Economy.*

IX. Government and Political Science.

Professor..... Henry F. Munro

1. Government of the British Commonwealth.—Monday, Wednesday and Friday, 3.30-4.30 p. m.

Introductory lectures on general political concepts. Federal, provincial and municipal institutions of Canada. Merits and defects of existing systems. Problems and tendencies of the Canadian democracy. Brief survey of other British governments. Mandated territories. Imperial Conferences. Inter-imperial relations. International status of the British Commonwealth. General deductions regarding British democracies.

Reading: Selections prescribed from time to time from the works of Anson, Bryce, Dicey, Keith, Lowell and other commentators on British government. Considerable class use will be made of Jenks' *A History of Politics* and Kennedy's *Documents of the Canadian Constitution.*

A previous course in History or Economics is recommended before taking up the study of Government.

2. General Political Science.—(1925-26). Monday, Wednesday and Friday.

Scope, methods and fundamental concepts of political science. Origin and nature of the state. Purposes, functions and instruments of government. Unitary and federal states. Rigid and flexible constitutions. Distribution and separation of powers. The bicameral system. Government and popular control. Political parties. Recent experiments in government.

Text Book: Sidgwick: *The Elements of Politics.* Collateral reading from the works of Seeley, Bryce, Bluntschli, Wilson, Willoughby and other writers on political science.

3. Political Theory.—(1925-26). Tuesday and Thursday, 3-30-4-30 p. m.

Pre-requisite.—Government 1.

Theories of the state and of government from Plato and Aristotle to Bolshevism.

Text Book: Dunning: *Political Theories*. Collateral reading from the works of representative political thinkers.

4. **Sociology.**—(1924-25). *Tuesday and Thursday*, 3-30-4.30 *p.m.*
Social Theory. Methods and problems of sociology. Elements and structure of society. Historical evolution of society. Laws of social phenomena.

Text Book: Giddings: *The Principles of Sociology*. Collateral reading from selected publications on sociology.

5. **Constitutional History.**—*Monday, Wednesday and Friday*, 2.30-3.30 *p.m.*

Anglo-Saxon institutions. Feudalism in England. The *Magnum Concilium* and the *Concilium Ordinarium*. 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. The Liberty of the Person. Origin and Development of the Cabinet System. History of the Reform Bills. The Written Code of the Constitution. *Magna Charta*. Petition of Right. Bill of Rights. *Habeas Corpus*. Act of Settlement. Recent Constitutional Changes.

Text Book: Taswell-Langmead: *Constitutional History of England*, with collateral reading from the works of Maitland, McKechnie, McIlwain, Adams and others.

6. **International Law.**—*Tuesday and Thursday*, 2.30-3.30 *p.m.*

Pre-requisite.—Government 1, or Constitutional History or History of English Law.

The relations of states with each other in peace, war and neutrality, through the study of actual cases. No previous knowledge of law required.

Case Book: Stowell and Munro's *International Cases*, Vols. I & II with some approved text book as parallel reading.

X. Law.

Certain classes conducted by the Faculty of Law in the first year of the curriculum, and the examinations conducted in these subjects by that Faculty, are recognized as qualifying for a degree in Arts when offered by a student taking the affiliated course in Law

XI. Philosophy.

Professor H. L. Stewart, (*Head of Dept.*), N. J. Symons.

1. **Logic and Psychology.**—*Monday, Wednesday and Friday*, 2.30-3.30 *p.m.*

Text Books: Logic: Creighton: *Introductory Logic*. Psychology: Pillsbury: *Essentials of Psychology*.

2. **History of Greek Philosophy.**—(1925-26). *Monday and Wednesday, 3.30-4.30 p. m.*

Pre-requisite.—Philosophy 1.

Text Books: Plato: *Republic, Phaedo, Apology, Theaetetus*. Rogers: *Student's History of Philosophy*. Taylor: *Aristotle on his Predecessors*.

3. **Ethics.**—(1925-26). *Tuesday and Thursday, 9-10 a. m.*

Pre-requisite.—Philosophy 1.

Text Books: Plato: *Republic, I-IV*. Butler: *Sermons*. Mackenzie: *Manual of Ethics*. Mill: *Utilitarianism*. Sidgwick: *History of Ethics*. Reference will also be made to Rashdall: *The Theory of Good and Evil*, and to Moore: *Principia Ethica*.

4. **History of Moral Ideas.**—(1924-25). *Monday and Wednesday, 3.30-4.30 p. m.*

Pre-requisite.—Philosophy 1.

Text Book: Lecky: *History of European Morals*. Reference will frequently be made to Westermarck: *Origin and Development of the Moral Ideas*.

5. **Metaphysics.**—(1924-25). *Tuesday and Thursday, 10-11 a. m.*

Pre-requisite.—Philosophy 1.

Text Book: Taylor: *Elements of Metaphysics*.

6. **History of Philosophy from Bacon.**—(1924-25). *Tuesday and Thursday, 9-10 a. m.*

Pre-requisite.—Philosophy 1.

Text Books: Bacon: *Novum Organum*. Locke: *Essay on the Human Understanding*. Berkeley: *Dialogues*. Hoffding: *History of Philosophy*.

7. **British Philosophy in the Nineteenth Century.**—(1925-26). *Tuesday and Thursday, 10-11 a. m.*

Pre-requisite.—Philosophy 1.

Text Book: Merz: *Philosophy of the Nineteenth Century*.

8. **Philosophic Ideas in Literature.**—(1924-25). *Monday and Wednesday, 10-11 a. m.*

Pre-requisite.—Philosophy 1.

The course will include a study of philosophic ideas in Tolstoy, Hardy, Anatole France, H. G. Wells, Ibsen, Morley, Frederic Harrison, Mrs. Humphry Ward, Rabindranath Tagore, Wilfrid Ward, George Meredith.

Psychology and Education.

Professor N. J. Symons.

9. **Experimental Psychology.**—(1924-25). *Monday and Wednesday, 9-10 a. m.*

Pre-requisite.—Philosophy 1.

Text Book: Langfeld and Allport: *Elementary Laboratory Course in Psychology*.

Simple apparatus will be used with a view to furnishing an experimental approach to the study of sensation, attention, the

learning process and other aspects of the functioning of the organism. The class is intended primarily for those interested in acquiring a knowledge of experimental technique and methods.

10. The Psychology of the Instincts and Emotions.—(1925-26). *Monday and Wednesday, 9-10 a. m.*

Pre-requisite.—Philosophy 1.

Text Books: McDougall: *Social Psychology*. Drever: *Instinct in Man*.

11. Educational Psychology.—(1924-25). *Tuesday and Thursday, 4'30-5.30 p. m.*

Pre-requisite.—Philosophy 1.

Text Book: Colvin: *The Learning Process*. Additional references for reading will be given in class. The course is designed to bring into prominence such aspects of theoretical and experimental psychology as have a bearing on the teacher's vocation. Reference will also be made to class room management and to intelligence tests.

12. History of Education.—(1924-25). *Monday and Wednesday, 4.30-5.30 p. m.*

Pre-requisite.—Philosophy 1.

Text Books: Cubberley: *History of Education*. *Readings in History of Education*.

The course is designed for those entering the teaching profession and gives a broad account of the doctrines of the great educators from Plato down to the present time.

13. Dynamic Psychology.—(1925-26).

Pre-requisite.—Philosophy 1.

Text Books: Tansley: *The New Psychology and its Relation to Life*. McDougall: *An Outline of Abnormal Psychology*.

A review of recent findings in the fields of abnormal psychology and psychopathology in so far as these have a bearing upon the working of the normal mind.

XII. Mathematics.

Professor..... Murray Macneill.
Assistant Professor..... F. H. Murray.

1. Elementary Mathematical Analysis.—*Monday, Wednesday and Friday, 10-11 a. m.; or, Tuesday, Thursday and Saturday, 11-12 a. m.*

Pre-requisite.—Matriculation Algebra and Geometry.

For those who have not studied Trigonometry, Mathematics 1C is recommended.

Logarithms, Interest and Annuities, Probability, Indeterminate Equations, Binomial Theorem, Graphs, Partial Fractions.

Complex Numbers, Theory of Equations, Solution of plane triangles, Trigonometric Equations and Identities, Proportional Geometry.

1C. Methods of Calculation.—*Monday, Wednesday and Friday, 10-11 a. m.*

Pre-requisite.—Matriculation Algebra and Geometry.

Formulas and the principles on which they are based; Logarithms. The Compound Interest Law. Progressions, Annuities, Amortization of Bonds, Indeterminate Equations, Permutations and Combinations, Probability, Approximations and Percentages of Error, Infinite Series, Graphical Representation of Statistics.

The class is primarily intended for Commerce students, but may be taken as the required class in Mathematics by those who do not intend to take Mathematics 2.

2. Analytic Geometry.—*Tuesday and Thursday, 11-12 a. m.*

Pre-requisite.—Mathematics 1, which may, however, be taken at the same time.

Text Book: Smith and Gale: *New Analytic Geometry.*

3. Infinitesimal Calculus.—*Monday, Wednesday and Friday, 11-12 a. m.*

Pre-requisite.—Mathematics 1 and 2.

Text Book: Granville: *Differential and Integral Calculus.*

4. Solid Geometry and Spherical Trigonometry. Analytic Geometry of three dimensions.—*Tuesday and Thursday, 10-11 a. m.*

Pre-requisite.—Mathematics 1 and 2. The latter may be taken at the same time.

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 Mathematics are required to take four of these courses in class. Each class meets weekly throughout the year. Mathematics 3 and 4 are pre-requisite.

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. Physics.

Professors. . . . H. L. Bronson, (*Head of dept.*), J. H. L. Johnstone.
Instructor. Merle P. Colpitt.
MacGregor Fellow. Carl Kenty.

1. **General Physics.**—*Lectures: Monday, Wednesday and Friday, 10-11 a. m. Laboratory: Two hours per week.*

Pre-requisite.—Matriculation Mathematics and Physics.

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 three sections which meet on Monday and Wednesday 11 a. m.—1 p. m., and Friday 2.30—5.30 p. m. 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.

Text Book: Kimball: *College Physics.*

20. **Light, Sound and Electricity.**—*Lectures: Monday and Wednesday, 9-10 a. m. Laboratory: Tuesday or Thursday, 9-12, a. m.*

Pre-requisite.—Physics 1.

This course is primarily intended for second year students in Medicine and Dentistry and special attention will be given to those parts of the subject of especial interest to them. It may be elected by any students who are properly qualified.

2. **Mechanics, Hydrostatics, Heat, Light and Sound.**—*Lectures: Monday, Wednesday and Friday, 12-1 p. m. Laboratory: Wednesday, 2.30-5.30 p. m., but other hours may be arranged.*

Pre-requisite.—Mathematics 1; but it may, however, be taken at the same time.

Text Books: Franklin and MacNutt; *Mechanics; Heat; Light and Sound.*

3. **Electricity and Magnetism.**—*Lectures: Tuesday and Thursday, 9-10 a. m. Laboratory: Monday, 2.30-5.30 p. m.*

Pre-requisite.—Physics 2 and Mathematics 1.

Physics 2 and 3 are intended primarily for Engineering students, and for students desiring to take Honours in Mathematics or Physics. They are also recommended for students in Arts and Science who are interested in the subject and desire a more thorough grasp of it than can be obtained from Physics 1.

Text Books: Hutchinson: *Intermediate Magnetism and Electricity*. Kimball: *College Physics*.

4. Thermodynamics.—Lectures and Laboratory.

Pre-requisite.—Mathematics 3, Physics 1 or 2.

Books Recommended: Lewis and Randall: *Thermodynamics*. Planck: *Thermodynamics*.

5. Light.—Lectures and Laboratory.

Pre-requisite.—Mathematics 3, Physics 1 or 2.

Books Recommended: Schuster: *Theory of Optics*; Wood: *Physical Optics*.

6. Electricity and Magnetism.—Lectures and Laboratory.

Pre-requisite.—Mathematics 3, Physics 1 or 3.

Books Recommended: Hutchinson: *Advanced Text Book of Electricity and Magnetism*; Thomson: *Elements of the Mathematical Theory of Electricity and Magnetism*; Franklin and Williamson: *Alternating Currents*.

10. Elementary Practical.—*Six hours per week.*

Pre-requisite.—Physics 1, or its equivalent.

This course is a continuation of the experimental work of Physics 1, but is somewhat more difficult and in it more attention is paid to experimental methods. It is intended for Honour students in Chemistry and for those who desire a larger acquaintance with the experimental side of Physics than is to be obtained in Physics 1.

11. Advanced Practical.—*Six hours per week.*

Pre-requisite.—Physics 2 and 3.

The work of this class consists of the investigation of physical laws of a more complex kind than in Physics 2 and 3, and a greater degree of precision will be expected in the determinations made.

12. 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

Physics Seminar and Journal Club.—*Wednesday, 5 p. m.*

Lectures on recent developments in Physics; presentation of papers by advanced students; reviews of current journals. All Honour and Graduate students are expected to attend.

Mathematical Physics.

Professor G. H. Henderson

✓ 14. **Mechanics.**—(1924-25).

Pre-requisite.—Mathematics 3 and Physics 2.

A general course in statics and dynamics applied to particles and rigid bodies.

15. **Advanced Mechanics.**

Pre-requisite Physics 14 and Mathematics 7.

A continuation of the previous course.

✓ 16. **Introduction to Mathematical Physics.**—(1924-25).

Pre-requisite.—Mathematics 3 and Physics 6.

Vector analysis with application to physical problems; Fourier analysis and heat conduction; Theory of Errors; Dimensional analysis.

17. **Passage of Electricity through Gases; Radio-activity; Atomic Structure and Radiation.**

Pre-requisite.—Mathematics 3 and Physics 6.

18. **Quantum Theory and Relativity.**

Pre-requisite.—Mathematics 7, Physics 4 and 14.

19. **Advanced Electricity and Magnetism.**

Pre-requisite.—Mathematics 7 and Physics 16.

Electrodynamics of the electron, electromagnetic radiation, electromagnetic theory of light. Solution of problems involving spherical and zonal harmonics, conjugate functions and Bessel's functions.

XIV. Chemistry.

Research Professor, (Head of Dept.) D. McIntosh.

Professor C. B. Nickerson.

Assistant Professor H. S. King.

Instructor E. W. Todd.

Assistant Miss M. F. McCurdy.

1. **General Chemistry.**—*Lectures: Monday, Wednesday and Friday, 9-10 a. m. Laboratory: Monday, 2.30-5.30 p. m.*

Pre-requisites.—Matriculation Algebra, Chemistry, and English.

Phenomena leading to the fundamental laws of combination are first presented, as far as possible in historical order, and thereafter, the atomic theory, Avogadro's hypothesis, and the forma-

tion of equations. The chief non-metallic elements are then studied somewhat in detail, and the more important metals more briefly. The elements of Physical and Organic Chemistry are also introduced. Written class exercises are held weekly.

Books Recommended: McPherson and Henderson: *A Course in General Chemistry, Second Edition*. Smith and Kendall: *College Chemistry*. For occasional reading, Lassar-Cohn: *Chemistry in Daily Life*, Alembic Club Reprints. Bird: *Modern Science Reader*.

1C. Pharmaceutical Chemistry.—Monday and Wednesday, 12-1 p. m. Three hours laboratory.

A general course in Elementary Chemistry. This course is intended for students of Pharmacy and cannot be offered for a degree in Arts and Science.

2. Advanced Inorganic Chemistry and Qualitative Analysis.—Lecture: Saturday, 9-10 a. m. Laboratory: Tuesday and Thursday, 2.30-5.00 p. m.

Pre-requisite.—Chemistry 1 or 1A.

Lectures: The theory and application of such subjects as ionization, the mass law and electropotentials are discussed. The metals and their compounds are studied and several lectures are devoted to the more recent theories of atomic and molecular structure.

Laboratory: The detection of the more common basic and acid ions and the analysis of unknown mixtures and commercial products. The preparation of certain inorganic compounds of theoretical interest.

This course is especially intended for students who contemplate further work in Chemistry or Physics and is not offered to students who are registered in Medicine or Dentistry.

Books Recommended: McPherson and Henderson: *A Course in General Chemistry*. Smith and Kendall: *Inorganic Chemistry*. Talbot and Blanchard: *Electrolytic Dissociation Theory*. Noyes: *Qualitative Chemical Analysis*.

4. Organic Chemistry.—Lectures; Monday and Wednesday, 10-11 a. m. Laboratory: Saturday, 10-1 p. m.

Pre-requisite.—Chemistry 1 or 1A.

Lectures: A study of the compounds of carbon. Until Christmas, the lectures will deal with methane and ethane and their simple derivatives.

Laboratory: Qualitative analysis of organic compounds. The laboratory methods of organic chemistry. The preparation and examination of the properties of typical aliphatic and aromatic compounds.

Books Recommended: Remsen and Orndorff: *Organic Chemistry*. Perkin and Kipping: *Organic Chemistry*.

Advanced Classes.

These classes are especially intended for candidates for Honours in Chemistry; but any student who has passed in Chemistry 2 and 4 with Distinction may be admitted. Of these classes, Chemistry 5 and Chemistry 8 are given in alternate years.

5. **History of Chemical Theory.**—(1925-26). *Twice a week.*
The development of chemical theory from the time of Boyle.

Books Recommended: Armitage: *History of Chemistry*. Roscoe: *Dalton and the Rise of Modern Chemistry*. Shenstone: *Justus von Liebig*. Thorpe: *Essays on Historical Chemistry*. Schorlemmer: *Rise and Progress of Organic Chemistry*. Stewart: *Recent Advances in Organic Chemistry*. Lachman: *Spirit of Organic Chemistry*. *Selected Memoirs from the Alembic Club Reprints* and Ostwald's *Klassiker*. For Reference: Von Meyer: *History of Chemistry*.

6. **Physical Chemistry:**—Lectures: *Tuesday and Thursday, 9-10 a. m.* Laboratory: *Saturday, 9-10, and three additional hours.*

Pre-requisite.—Chemistry 2.

General Physical Chemistry including the constitution of matter and compounds; the chemistry of the radio-active elements, the kinetic theory of gases; the theories of solution and of electrolytic dissociation. Laboratory.—Four hours per week.

Books Recommended: Walker: *An Introduction to Physical Chemistry*. Findlay: *Practical Physical Chemistry*. Ostwald: *Principles of Inorganic Chemistry* and *Outlines of General Chemistry*. Washburn: *Physical Chemistry*.

7. **Quantitative Analysis.**—Lecture: *Wednesday, 9-10 a. m.*

Pre-requisite; Chemistry 2.

Lectures on the general principles of quantitative analysis, and nine hours of laboratory work each week.

Text Book: Talbot: *Elementary Quantitative Analysis*.

8. **Modern Theories of Chemistry.** *Two lectures a week during the Fall Term.* (b) **Electrochemistry.**—*Two lectures a week during the second term.* ((1924-25).

Pre-requisite; Chemistry 2 and 4.

Books Recommended: Lewis: *Valency*. Thompson: *The Electron in Chemistry*. Aston: *Isotopes*. Bragg: *X-Ray Spectroscopy*, LeBlanc: *Electrochemistry*. Thomson: *Applied electro-chemistry*. Stansfield: *The Electric Furnace*.

9. **Advanced Quantitative Analysis.**—*One lecture and 9 hours laboratory work per week.*

Pre-requisite —Chemistry 4 and 7.

Students may take one of the following courses:

- (a) Advanced Inorganic Analysis. Special methods including gas analysis.

(b) Food and Drug Analysis.

Books Recommended: Fay: *An Advanced Course in Quantitative Analysis*. Blair: *The Chemical Analysis of Iron and Steel*. Ibbotson: *Steel Works Material*. Demorest: *Quantitative Analysis*. Washington: *The Analysis of Silicate Rocks*. Woodman: *Food Analysis*. *Bulletins of the U. S. Department of Agriculture*.

10. **Advanced Organic Chemistry.**—*One lecture and nine hours laboratory per week.*

Pre-requisite.—Chemistry 4.

Books Recommended: Holleman: *Organic Chemistry*. Cohen: *Organic Chemistry*.

11. **Research.**—The work of this class will consist of original investigation conducted by students who have shown themselves qualified to undertake it.

XV. Geology and Mineralogy.

Assistant Professor.....D. S. McIntosh.

1. **General Geology.**—*Lectures: Monday, Wednesday and Friday, 10-11 a. m. Excursions and Laboratory: Friday afternoons.*

Pre-requisite.—Matriculation Chemistry.

The lectures will consist of a general survey of the whole field of Geology. A large part of the time 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 First Term excursions will be made to points of interest around Halifax on Friday afternoons. This will be succeeded by laboratory work of three hours on these afternoons during the rest of the session.

This course is elective for candidates in Arts and Science.

It is also the course for candidates in engineering who require Geology as one of their subjects.

Text Books: Scott: *An Introduction to Geology*. Reference Books: Chamberlain and Salisbury: *Geology*. Geikie: *Geology*. Pirsson and Schuchert: *Text Book of Geology*. Young and Brock: *Geology and Economic Minerals of Canada*.

2. **Canadian Geology.**—*Lectures: Tuesday and Thursday, 10-11 a. m. Laboratory: Two hours per week.*

Pre-requisite.—Geology 1.

This course deals with the Geology of Canada—physical, historical and economic.

Reference Books: Coleman and Parks: *Elementary Geology*. Young and Brock: *Geology and Economic Minerals of Canada*. C. G. S. Reports.

3. **Mineralogy and Petrography.**—(1924-25). *Lectures: Two hours per week. Laboratory: One afternoon per week, chiefly microscopical.*

Pre-requisites.—Chemistry 1 and Geology 1 (the latter, however, may be taken in the same year).

This course will embrace crystallography, the rock-forming minerals, and the classification and description of rocks.

Reference Books: W. S. Bayley: *Elementary Crystallography*. Pirrson: *Rocks and Rock Minerals*. Harker: *Petrology for Students*.

4. **Mineralogy and Economic Geology.**—(1925-26). *Lectures: Two hours per week. Laboratory: Three hours per week.*

Pre-requisites—As in Geology 3.

The mineralogy of this course will supplement that of Geology 3 by a description and determination of minerals by their physical properties and systematic blow-pipe analysis. The nature, mode of occurrence and distribution of the economic minerals will also be dealt with.

Reference Books: Dana: *A Text Book of Mineralogy*. Brush and Penfield: *Determinative Mineralogy and Blow-pipe Analysis*. Lindgren: *Mineral Deposits*. Kemp: *Ore Deposits of the United States and Canada*.

10. **Economic Geography.**—Tuesday, Thursday and Saturday, 11-12 a. m.

Erosion and the development of land forms; shoreline and harbours; the factors that influence climate; regional vegetation; natural resources; the human factor; transportation; trade routes; density of population.

Text Books: T. C. Hopkins: *Elements of Physical Geography*. J. Russell Smith: *Commerce and Industry*.

Reference Book: Gregory, Kellar and Bishop: *Physical and Commercial Geography*.

Advanced Courses.

One at least of these courses will be given each year, if there is sufficient demand.

5. **Palaeontology.**—Class and laboratory Work one afternoon per week.

Pre-requisite.—Geology 1; Biology 2 and 3.

Typical fossils of the various formations will be studied.

Reference Book: Zittel: *Text Book of Palaeontology*.

6. **Practical Geology.**—One lecture per week, with field work during the open season.

Pre-requisite.—Geology 1.

This course will deal with problems in structural geology, with geological and magnetic surveys.

7. **Geological Chemistry.**—*Lecture, one hour per week. Laboratory, six hours per week.*

Pre-requisites.—Geology 3 and 4, Chemistry 7.

The lectures will embrace the application of chemistry to geological problems. The laboratory course will deal with mineral and rock analysis.

XVI. Biology.

Associate Professors. . . . J. N. Gowanloch (*Head of dept.*), H. P. Bell

1. **General Biology.**—*Lectures: Tuesday and Thursday, 2.30-3.30 p. m. Laboratory: Tuesday and Thursday, 3.30-5.50 p. m.*

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.

Students looking forward to the study of Medicine or Dentistry should take Biology 1A, or Biology 1 and 2, or Biology 1 and 4, as Biology 1 alone will not be accepted in lieu of the requirements in Biology in those Faculties.

- 1C. **Pharmaceutical Botany and Pharmacognosy.**—*Two lectures per week; four hours laboratory.*

A general course in Elementary Botany. This course is intended for students of Pharmacy, and cannot be offered for a degree in Arts and Science.

2. **Invertebrate Zoology.**—(1925-26) *Lectures: Wednesday and Friday, 9-10 a. m. Laboratory: Wednesday and Friday, 10-12 a. m.*

Pre-requisite.—Biology 1 or 1A.

This course includes a study of the ecology and morphology of representative invertebrate species. A number of field trips will be held during the fall term.

3. **Cryptogamic Botany.**—(1925-26). *Lectures: Monday and Wednesday, 2.30-3.30 p. m. Laboratory: Monday and Wednesday, 3.30-5.30 p. m.*

Pre-requisite.—Biology 1 or 1A.

An introductory course in the morphology, taxonomy and biology of the algae, slime moulds, fungi, liverworts, mosses, ferns and fern allies.

4. **Vertebrate Zoology.**—(1924-25). *Lectures: Wednesday and Friday, 9-10 a. m. Laboratory: Wednesday and Friday, 10 a. m.-1 p. m.*

Pre-requisite.—Biology 1 or 1A.

This course includes a careful dissection of representative vertebrates to illustrate the classification and comparative morphology of the various organ systems. Particular emphasis is laid on the dissection of a mammalian type.

5. **Phanerogamic Botany.**—(1924-25). *Lectures: Monday and Wednesday, 2.30-3.30 p. m. Laboratory: Monday and Wednesday, 3.30-5.50 p. m.*

Pre-requisite.—Biology 1 or 1A.

An introductory course in the morphology, taxonomy and biology of the conifers, conifer allies and flowering plants. This course is adapted to the needs of those who intend to teach botany in the public schools.

6. **Heredity, Variation and Evolution.**—*Lectures: Three hours per week.*

This course includes a study of the work of the pioneers in these phases of biological science with special emphasis on the most recent work in this field.

Before a student is admitted to this course permission must be received from the head of the department.

7. **Mycology.**—*Lectures: Two hours per week. Laboratory: Four hours per week.*

Pre-requisite.—Biology 3.

A course on the fungi. Special attention is given to those forms causing plant diseases.

8. **Marine Biology Lectures.**—*Two hours per week. Laboratory: Four hours per week and field trips.*

Pre-requisite.—Biology 1 or 1A.

The purpose of this course is to survey facts and methods in marine problems. The anatomy and physiology of a series of significant marine forms including those of economic importance such as the oyster, scallop, lobster and food fishes will be studied. Methods used in attacking problems will be surveyed and typical experiments for investigating behaviour, development, food and ecological relations will be carried out in the laboratory. A short introduction to systematic ichthyology will be included. Field trips will be held for the collection of sea materials, and observation of operations in fish-hatcheries and sea-fisheries. The course is primarily designed for students who will proceed to original investigations on sea-life.

Permission to enter this must be received from the head of the department.

9. **Biological Laboratory Technique.**—*Lectures: One hour per week. Laboratory: Ten hours per week.*

Pre-requisite.—Biology 1 or 1A.

This course is intended to give training in the principal methods employed in a biological laboratory. It includes free-hand sectioning, fixing and staining; embedding in paraffin and celloidin; use of the rotary and sliding microtomes; preparation of culture media; inoculation; sterilization; microphotography; etc.

10. Zoological Seminar. (For advanced students only).

Lecture: One hour per week. Special meetings and laboratory work arranged as required.

This course includes a study of recent zoological literature and an investigation of special problems in zoology may be undertaken by qualified students.

11. Botanical Seminar.—*Lecture: One hour per week.* Special meetings and laboratory work arranged as required. (For advanced students only)

This course includes a study of recent botanical literature, and an investigation of special problems may be undertaken by qualified student.

Histology and Embryology.

Associate Professor.....R. J. Bean.

The classes in Histology and Embryology given in the Medical Faculty may be selected as electives for the Arts or Science degrees by those who offer a group of four classes in Biology, and for that purpose they are regarded as classes in Biology.

XVII. Physiology.

Professor.....

1B. General Physiology.—*Wednesday, Friday, and Saturday, 9-10 a. m.*

Some knowledge of Elementary Chemistry, Physics and Biology is pre-supposed; and the student should also, preferably, have some acquaintance with human anatomy. This class cannot be offered for a degree in Medicine.

XVIII. Anatomy.

The classes in Anatomy conducted by the Faculty of Medicine are recognized as qualifying for a degree in Arts or Science, when offered by a student taking the affiliated course in Medicine.

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

XIX. Music.

Lecturer..... H. Dean.

The following elective classes in Music may be offered for the degree of Bachelor of Arts.

1. **Harmony and Counterpoint; History of Music from the fourth century to the present day:** *Tuesday and Thursday, 2-4 p. m.*
2. **Harmony and Analysis of Musical Form and Appreciation of Music; History of Music:** *Tuesday and Thursday, 2-4 p. m.*

In addition to the above electives for the Arts degree 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, Mr. Harry Dean.

ENGINEERING COURSES.

Professor..... W. P. Copp.
Assistant Professor..... H. R. Theakston.

XX. Mechanics.

2. **Advanced.**—*Monday, Wednesday and Friday, 9-10 a. m.*
Second Term.

Pre-requisites.—Physics 2; Mathematics 1, 2 and 3 (the latter however, may be taken simultaneously).

This course is intended for Engineering students, but can be offered for a degree in Arts and Science. It deals with statics and dynamics of a particle and of a rigid body, the application of the calculus in considering the motion of a particle under varying force, simple harmonic motion, oscillation of springs and pendulums, etc. The course is illustrated by practical problems.

Text Books: Poorman: *Applied Mechanics*. Morley: *Mechanics for Engineers*.

3. **Graphical Statics.**—*Monday, Wednesday and Friday, 9-10 a. m.* First Term. *Wednesday, 2.30-5.30 p. m.* throughout the Session.

Pre-requisites.—Drawing 1 and Physics 2.

The work includes the composition of forces, use of funicular and force polygons, determination of reactions, centres of gravity,

bending moments and moments of resistance, stresses in cranes, braced towers, roof trusses, and bridge trusses. Shearing force and bending moment diagrams.

Text Book: Malcolm: *Graphical Statics*.

4. Mechanics of Machines.—Tuesday, 11-12 a. m., Monday, Wednesday and Friday, 12 a. m.-1 p. m.

Pre-requisites.—Drawing 1, Physics 2, Mathematics 1, 2 and 3 (the latter, however, may be taken simultaneously).

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

Dynamics: A brief discussion of work and power: the power and turning effort of prime movers; the inertia and kinetic energy of revolving and reciprocating parts of machines.

5. Materials of Construction.—Thursday, 11-12 a. m.

The work includes the manufacture and properties of cast iron, wrought iron, crucible, bessemer and open hearth steel; principal alloys; manufacture and properties of Portland and natural cements; limes; concrete; stone and brick masonry; timber; preservation of timber; standard specifications.

Text Book: Moore: *Materials of Engineering*.

XXI. Surveying.

This course includes all of the following which must be taken during the same session.

(a) Lectures: Monday and Wednesday, 10-11 a. m.

Pre-requisites.—Drawing 1 and Mathematics 1 and 2.

Instruction is given in the use and adjustment of the various surveying instruments, also in plane land surveying by chain, compass, transit and level; contour surveying; stadia surveying; topographical surveying, etc.; railway circular curves; land systems of the Dominion and Provinces.

Text Book: Breed & Hosmer: *Plane Surveying*.

(b) Surveying Field Work. About three weeks immediately preceding the opening of the sessional lectures and Tuesday and Thursday 2.30-5.30 p. m., of the First Term are devoted to practical surveying field work. The course embraces problems in chaining, transit and compass surveying, levelling etc. In addition a detail transit and tape survey is made of the Studley property of the University.

(c) Mapping. Tuesday and Thursday, 2.30-5.30 p. m. Second Term.

Drafting from field notes of chain and angular surveys; particularly emphasizing the Studley property survey, the map for which is very carefully drafted and tinted with water colours; Drafting of various survey problems assigned from time to time.

XXII. Drawing.

1. Mechanical Drawing.—Monday and Friday, 2.30-5.30 p. m

This course is required of all Engineering students. It deals with freehand lettering; object drawing; geometrical exercises; detail and assembly drawings; tracings of simple machines; sketching and blueprinting.

Text Book: French: *Mechanical Drawing*.

1B. Mechanical Drawing. Monday, 2.30-5.30 p. m.

This course or Drawing 1 is required of all students proceeding to the Degree of B. Sc. It is a modification of Drawing 1 and in addition deals with perspective, pseudo-perspective and graphs. Special emphasis is given to free hand sketching.

Text Book: Jordan & Hoelscher: *Engineering Drawing*.

2. Descriptive Geometry.—Saturday, 9 a. m.-1 p. m.

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, perspective. 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, with practical problems applying the theory.

Text Book: Smith: *Practical Descriptive Geometry*.

3. Advanced Mechanical Drawing.—Friday, 2.30-5.30 p. m.

Pre-requisite.—Drawing 1 and 2.

This course is required of all engineering students and is divided into three parts: (a) October-November—Elementary structural drawing, aiming to familiarize the student with structural steel shapes and the detail connections for same. (b) December-January-February—Detail Drawings and tracings of more difficult machine parts. (c) March-April Advanced Descriptive geometry and its application to more difficult architectural, sheet metal piping and mining problems.

Lectures are given during the course dealing with draughting room methods and explanation of design and problems.

Reference Books: French: *Mechanical Drawing*. Smith: *Practical Descriptive Geometry*. Cutter: *Descriptive Geometry*. Bishop: *Structural Drafting*.

XXIII. Shop Work.

A course of about three weeks duration immediately preceding the regular sessional lectures, is given by the Nova Scotia Technical College in its own workshops. The course includes chipping,

filing, and scrapping; machining a surface block; various kinds of work on drilling machines; grinding of drills; instruction in cutting speeds and rates of feed; tapping and threading and problems connected therewith; engine lathe work etc.; various problems assigned at the discretion of the instructor suited to the individual ability of the student.

XXIII. Commerce.

Professor..... Bishop C. Hunt.
Lecturer in Commercial Law..... W. B. Wallace.
Lecturer in Accounting.....

1. Elementary Accounting.—Monday, Wednesday and Friday, 2.30-3.30 p. m.

Fundamental principles, theory and practice of debit and credit; functions and classification of accounts; columnar books of original record; supporting information; proprietorship; controlling accounts; entries to open, adjust and close; preparation of financial statements; single versus double entry; elementary accounting problems.

Text Books: Kester: *Accounting Theory and Practice*, Vol. I, 2nd Edition and Practice Data. Exercises and problems prepared by the Department.

2. Intermediate Accounting.—Monday, Wednesday and Friday, 11-12 a. m.

Pre-requisite.—Elementary Accounting.

Accounting as an instrument of business control. Theory and practice of the technical phases of mercantile accounting: Advanced methods of recording and handling sales, purchases, receipts and disbursements; the voucher system, columnar control; the functions and adjustment of partnership accounts; of corporation accounts; stock and bond issues, bond interest and discount, surplus and reserves, sinking funds; aspects and methods of providing for depreciation; accounts with branch houses and selling agencies; investments; intangible assets. The principles of manufacturing accounting; the elements of cost accounts and methods peculiar thereto. The preparation, analysis and interpretation of the financial statements of mercantile and manufacturing concerns; readings in accounting theory; the solution of a variety of problems.

Text Books: Kester: *Accounting Theory and Practice*, Vol. II and Practice Data. Exercises and problems prepared by the Department. Rittenhouse and Percy: *Accounting Problems*.

Reference will be had to Bennett: *Corporation Accounting*. Hatfield: *Modern Accounting*. Dickinson: *Accounting Practice and Procedure*. Spicer and Pegler: *Auditing*.

3. Advanced Accounting.—(1924-5). *Three hours a week.*

Pre-requisite.—Intermediate Accounting.

1. Auditing, theory and practice; investigations; classes, purposes and methods.

2. Fiduciary Accounting. The preparation of trust and estate accounts; a wide range of problems in Theory and Practice.

Reference to: Spicer and Pegler: *Auditing*. Hoskins: *Joint Stock Companies*. Dickinson: *Accounting Practice and Procedure*. Montgomery: *Auditing, Theory and Practice*.

4. Marketing and Distribution.—(1924-25). *Tuesday and Thursday, 9-10 a. m.*

Pre-requisite.—Economics 1.

A study of the processes, channels and problems of market distribution.

I. The marketing of raw materials and semi-manufactured products for wholesale consumption; trade channels; position and functions of various types of middleman; the problems of transportation, financing, insurance, storage and speculation; sources of market information; investigation of the more important raw materials to illustrate principles.

II. The methods of marketing manufactured goods for retail distribution; middlemen in the manufacturer's market; economics of retailing; types of retail stores, competitive advantages and disadvantages; advertising as a business force; price policies; sales under brand; merchandising costs; critique of the present marketing system; problems.

Text Books: Macklin: *Efficient Marketing for Agriculture*. Clark: *Principles of Marketing*. Copeland: *Marketing Problems*.

Readings from Cherington: *Advertising as a Business Force*. Nystrom: *Economics of Retailing*. Marshall: *Industry and Trade*. Shaw: *An Approach to Building Problems*.

5. Business Correspondence.—(1925-26). *One hour a week.*

Pre-requisites.—English 2.

A study of the various types of business letters, their form and methods of expression; routine-buying, collection, adjustment, circular, sales and application letters; the preparation of reports and outlines; mailing lists; handling correspondence; the language of advertising; exercises to enlarge vocabulary; the problem of effective business communication.

Gardner: *"Effective Business Letters"*. Hare: *"Writing an Advertisement"*.

6. Business Organization and Management.—(1925-26). *Two hours a week.*

Pre-requisites.—Economics 1 and Commerce 1.

I. The evolution of industry based on methods of production; organization from the standpoints of association and ownership; the form of the business unit; the partnership, corporation and corporation combination; advantages and disadvantages; tests of efficiency.

II. The theory of industrial and plant location, equipment and development; types of internal organization for purposes of control; the administration of production; methods of modern business management; the Taylor system of scientific management; the administration of personnel; the human equation in business; executive co-ordination; accounting and statistics as instruments of business control.

Text Books: Marshall: *Business Administration*. Reference to Kimball: *Principles of Industrial Organization*. Jones: *Administration of Industrial Enterprises*. Taylor: *Principles of Scientific Management*. Hoxie: *Scientific Management and Labor*. Shaw: *An Approach to Business Problems*. Copeland: *Business Statistics*. Marshall: *Industry and Trade*.

7. Corporation Finance and Investments.—(1924-25). *Monday, Wednesday and Friday 9-10 a. m.*

Pre-requisite.—Economics 1, Commerce 2.

I. Types and varieties of securities; promotion—the promoter, investment banker, underwriting syndicate, sale of securities to the public, financial plans; problems of financial administration: accounting and dividend policies; expansion—industrial combinations, the sale of notes, bonds and securities, railroad and public utility finance; failure and reorganization.

II. An analysis of types of investments and their suitability for different persons and institutions; investments and the business cycle.

Text Books: Dewing: *Corporation Finance*. Lincoln: *Problems of Business Finance*. Lagerquist: *Investment Analysis*. Lincoln: *Applied Business Finance*. Reference will be had to: Dewing: *Financial Policy of Corporations*, and *Corporate Problems and Reorganizations*. Mead: *Corporation Finance*.

8. Commercial Law 1. (1925-6).

General principles of business law, including the law of contracts, sales and agency. Lectures and assigned readings.

Reference: Cockle and Hibbert: *Cases on the Common Law*.

9. Commercial Law 2. (1924-5).

The law of negotiable instruments; partnerships and corporations; torts; real property; liens; bankruptcy; the Bank Act. Lectures and assigned readings.

Reference: Cockle and Hibbert: *Cases on the Common Law*.

10. Foreign Trade.—(1925-26). Two hours a week.

Pre-requisite.—Econ. 1.

I. The principles underlying the development of international commerce; geographic, economic and social factors; foreign exchange.

II. The technical aspects of merchandising Canadian goods in overseas markets and of importing from abroad; market analysis.

III. Ocean transportation; the business of shipping and its organization; freight rates; marine insurance; trade routes; port and harbour facilities; government aid, mercantile marine policies and subsidies.

Text Books: Taussig: *Selected Readings and International Trade*. Furniss: *Foreign Exchange*. Wyman: *Export Merchandising*. Tosdal: *Problems of Export Sales Management*. DeHans: *Foreign Trade Organization*.

11. Railroad Transportation.

The principles of railroad transportation; development and operation of the Canadian systems; administrative organization; rates and rate marking; problems of the shipper, the traffic department.

12. Advanced Market Organization and Problems.

An analysis of problems of selling policy; the sales organization, development and relation to other departments; market analysis; functions and principles of advertising and selling; preparation and execution of sales campaigns.

Text Books: Assigned Reading and Exercises. Extracts from Copeland: *Marketing Problems*. Tosdal: *Problems of Sales Management*. David: *Problems of Retailing*. Tipper and Hotchkiss: *Principles of Advertising*. Whitehead: *Principles of Salesmanship*. Hoyt: *Scientific Sales Management*.

Faculty of Law.

Preliminary Statement.

The Faculty of Law was organized in 1883. A curriculum was then prescribed extending over three years and leading to the degree of Bachelor of Laws. The curriculum has been modified from time to time and at present closely corresponds to the Standard Curriculum recommended by the Canadian Bar Association.

A Chair of Constitutional and International Law was endowed by George Munro, of New York, in 1883, as one of his many generous benefactions to the University. Richard Chapman Weldon, Ph. D., was appointed to this chair in the same year and was made Dean of the Faculty, and held this position until his retirement from teaching in 1914. The professorship of Contracts was held continuously from the beginning by Dr. Benjamin Russell, now one of the Justices of the Supreme Court of Nova Scotia. Mr. Justice Russell ceased to deliver regular lectures in 1921. An additional full-time professorship was established in 1920 and a full-time lectureship in 1921. This lectureship was converted into an assistant-professorship in 1923. Besides the three full-time teachers, twelve members of the Bench and Bar of the Province have during the past year given their services as voluntary lecturers in various courses at the School.

The Law School occupies the first two floors of the north wing of the Forrest Building on Carleton Street. A new building was erected on the Studley Campus in 1921 which is designed for the use of the Law School as soon as a new building can be erected for Arts. The Library of the Law School contains over 9000 volumes, including practically all the English and Canadian Reports and a number of sets of Legal periodicals.

Affiliated Courses.

A Bachelor of Arts of this University who has during his Arts Course taken the classes of the first year in

Law may complete a subsequent Law course in the University in two years. Only four of such classes may be counted towards the Arts degree. See page 30.

Arrangements with the N. S. Barristers' Society.

Arrangements have been made with the Nova Scotia Barristers' Society whereby the University, when the Society desires it, will appoint two co-examiners for any subject of examination, one of them to be nominated by the Society. The Society in return will exempt from its Professional Examinations holders of the degree of Bachelor of Laws from Dalhousie University, but expressly stipulates that the examinations passed by the student must have included one by co-examiners on Procedure and Practice.

As students are expected to familiarize themselves with the subject-matter of the subjects of examination, whether covered by the lecturer or not, they are advised to consult not only the reference books recommended by the lecturer, but also those in the printed syllabus of the Professional Examinations of the Nova Scotia Barristers' Society.

The following information abstracted from the regulations of the Society is given for the benefit of those seeking admission to the Bar in this Province.

Attention is directed to the fact that by recent action of the Society, the requirements of the Preliminary Examination for admission as an articled clerk have been raised, and that besides the Preliminary Examination a candidate for admission to the Bar of Nova Scotia has now to pass three professional examinations instead of two. These changes took effect as respects the Preliminary Examination on Jan. 1st, 1924, and as respects the professional examinations on July 1st, 1924.

An applicant for admission to the Bar must pass four examinations, Preliminary, First, Second and Third Professional.

Preliminary Requirements of the Society.

The Preliminary requirements must be satisfied before a candidate can be admitted as an articled clerk. In lieu of the examination certain certificates may be accepted. The subjects of examination are:—

1. English;
2. Geography and History;
3. Mathematics;
4. Latin;
5. Greek, or French, or German;
6. Constitutional

History; 7 and 8. any two of the following:—Chemistry, Physics, Logic and Psychology, Surveying, Economics.

The grade of difficulty and comprehensiveness of the examinations is that of the corresponding examinations of the second year of a course in Arts of a recognized University. For the syllabus of the subjects see the printed regulations of the Society.

Candidates may be exempted from the Preliminary examinations, in whole or in part, as follows:

(a) A candidate who presents to the Secretary satisfactory certificates of having completed Matriculation into any College or University approved by the Council of the Society for the purpose, and also of having attended and passed at some College or University approved by the Council of the Society for the purpose, at least ten regular classes of the course for the degree of Bachelor of Arts, of which two shall be English, one Mathematics two Latin and two in another foreign language.

(b) A candidate who presents to the Secretary a satisfactory certificate that he is the holder of the diploma of Bachelor of Arts from any College or University approved by the Council for the purpose.

Intermediate and Final Examinations of the Society.

“No candidate who does not hold the degree of Bachelor of Arts from a College approved for the purpose shall be admitted to an Intermediate examination unless he has served as a duly articulated clerk for at least two years. Any candidate holding such degree may be admitted to the Intermediate examination after he has served as a duly articulated clerk for one year.”

The time during which a student must serve under articles of clerkship is three years, if, (1), during this time he is a Bachelor of Arts, or, (2), at the time of application for admission to the Bar he is a Bachelor of Laws, of a recognized university. The time for all other students is four years.

A student during his term of service shall not engage in any employment, other than attendance at an institution of education in law, which will have the effect of interfering with such services.

General University Regulations.

University regulations applicable to the students of all Faculties and relating to registration, residence, church attendance, discipline, etc., will be found pp. 17 *et seq.*

Degree.

The only degree conferred in the Faculty of Law is that of Bachelor of Laws (LL. B.).

Academic Year.

The Academic Year consists of one session of two terms covering a period of about thirty-six weeks. The first term of the session of 1924-25 will begin on Monday, September 8th, 1924, and end on Monday, December 22nd, 1924. The second term of the session of 1924-25 will begin on Monday, January 5th, 1925, and end on Tuesday, May 12th, 1925. The last day on which students can register for the work of this session is Saturday, September 13th, at noon. Students are registered for the whole session only and not for one or other of the two terms.

Admission.

Students are admitted to classes either as Special students without formal examination, or as Undergraduates in Arts taking the Affiliated subjects in Law for the degree of Bachelor of Arts, or as regular Undergraduates in Law.

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

Undergraduates in Arts.—An undergraduate in Arts looking forward to the study of Law may take any four of the classes of the first year of the Law course and have them count in place of three of the eight electives required for the degree of Bachelor of Arts (see p. 82). Such undergraduate should arrange his Arts Course, so as to take the remaining subjects of the first year of the law course and thus be able to complete this course in two more years. For this purpose he should consult the Registrar early in his Arts Course.

Students who have Grade XII certificates and enter the Arts Faculty with advanced standing are advised that they cannot in general expect to complete the combined courses in Arts and Law in less than six years.

Undergraduates in Law.—All other candidates for admission must have completed Matriculation and must also present satisfactory certificates of having attended and passed at some degree-granting College or

University recognized by the Senate for the purpose at least ten regular classes of the course for the degree of Bachelor of Arts, comprising two classes in English, one class in Latin, one class in French or some other foreign language, one class in Mathematics, one class in English Constitutional History, and any four classes to be chosen from the following:—Latin, French or some other foreign language, History, Logic and Psychology, Economics, Government, Accounting, Chemistry or Physics, Surveying. These ten classes may be reduced to five in the case of students who enter with advanced standing.

Students presenting themselves for the first time to register in the Faculty of Law must submit to the Registrar their Diplomas or Certificates to establish their qualifications, and *these must prove acceptable before the student can be registered. Students are consequently advised to mail such Certificates to the Registrar for appraisal, as far in advance as possible.*

Undergraduates of other approved Law Schools may, on producing satisfactory certificates, be admitted to advanced standing in this Law School. (p. 16).

Matriculation.

For details of the requirements in Matriculation, see pp. 11-16.

Curriculum.*

First Year.—

First Term.—Contracts I, History of English Law, Property I,

Second Term.—Contracts II, Crimes, Torts, Assigned Readings.

Second Year.—

First Term.—Property II, Bills and Notes, Partnership, Agency, Bankruptcy.

Second Term.—Procedure I, Corporations, Equity I, Insurance.

*It is to be distinctly understood that the regulations regarding courses of study examinations, fees, etc., contained in this Calendar are intended for the current year only, and that the Faculty does not hold itself bound to adhere absolutely to the curriculum and conditions now laid down.

Third Year.—

First Term.—Evidence, Equity II, Constitutional Law, *International Law, Procedure II, Practical Statutes, Shipping.

Second Term.—Evidence, Mortgages and Suretyship, *International Law, Conflicts, Shipping, Procedure II.

(*) Optional.

¶ The foregoing schedule is to be understood as subject to possible modification either by transposition of subjects from one term to the other, or otherwise.

Detailed information regarding the classes included in these courses will be found under Courses of Instruction, p. 96 *et seq.*

No student shall be allowed to take a class belonging to a year in advance of his own year without special permission from the Faculty.

No student shall be allowed to take classes in other faculties of the University, without special permission from the Faculty of Law.

The Faculty urgently recommends 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.

Attendance.

In order to be permitted to write an examination, a student must have credit for attendance in 90 per cent. of the lectures or other meetings of the class in question.

Examinations.

Examinations in the subjects of the First Term will be held immediately before the Christmas vacation. Examinations in the subjects of the Second Term will be held after the close of Lectures in the spring.

Supplementary Examinations.

If a student fail to pass in not more than two subjects of his first year, or in not more than three subjects of his second or third year, at the sessional examinations he may be allowed a supplementary examination in such subject or subjects at the specified times for such examinations. In case of more serious failure he must repeat his year.

Students failing to pass in fifty per cent. of the work of any term will not be allowed to proceed with the work of the following term without special permission of the Faculty.

If a student fail in more than one subject of his year, he must pass in at least all but one of them at a subsequent supplementary examination before he can enter upon the studies of the next higher year.

Supplementary examinations in all subjects are held at the beginning of the session, and at the end of each term, in the subjects of that term only, but at no other times.

Students who wish to present themselves at a supplementary examination must make written application at least two weeks before the period of the examinations concerned, and the *fee must in all cases accompany the application for examination.*

Medals and Prizes.

University Medal in Law.—This medal will be awarded on graduation to the student standing highest among those taking the full regular third year curriculum, provided he reaches a very high standard of excellence, and obtains First Class Distinction in at least all but three of the subjects of examination.

Carswell Prizes.—Books to the value of \$100, (\$20 for the first year, \$30 for the second year, \$50 for the third year), will be awarded to the students making the highest aggregate in their respective years.

Fees.

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

For Registration.

Payable by students taking only one class in the University	\$3 00
Payable by students taking more than one class	5 00
Additional, for registration after the beginning of lectures, for each day	2 00

The Registration Fee entitles a student to the use of the University Library, the Law Library, the Athletic Field and Gymnasium.

For Tuition, Examinations and Diplomas.

For each class attended, when taken singly	\$ 30 00
Payable by those taking the regular prescribed curriculum, each year	150 00
Payable by a B. A. who has taken the Affiliated subjects as a part of the work for that degree, and is allowed to complete the Law course in two years, each year	185 00
Students departing from the prescribed curriculum will be charged for each class singly; but the maximum charge for three years shall be	600 00
For each Supplementary examination	5 00
For LL. B. diploma (payable before the Third Year or final examinations, and returnable in case of failure)	10 00
Additional for degree conferred <i>in absentia</i>	5 00

A class taken a second time is charged for as if taken for the first time.

See pages 19 and 20 for

**Fee for Support of Student Organizations.
Caution Deposit.
Students Loan Fund.**

COURSES OF INSTRUCTION.

First Year.

First Term.

Contracts I.

Lecturer.....Assistant Professor Smith.

Five Lectures per week.

Definition of terms: agreement, consideration, proposal, acceptance, promise, etc. Persons who may contract. Disabilities arising from infancy, coverture, lunacy, intoxication, etc. 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, etc. Discharge of contracts, rescission, performance, payment, release, merger, etc. Leading cases.

Text Books: Williston's Cases. Anson on *Contracts*.

Property I.

Lecturer.....Professor Read.

Five Lectures per week.

General principles of the law of Personal Property. Possession of lands and chattels. Bailment, lien and conversion. Elementary principles of the law of Real Property.

Text Books: Warren: *Cases on Property*. Kirchwey: *Readings in the Law of Real Property*.

History of English Law.

Lecturer.....

Five Lectures per week.

Elements going to the making of English Law. Anglo-Saxon Law. Norman Law. Innovations of Henry II. Original Writs. Forms of Action. Trespass, Case, Assumpsit, etc. Modern Reforms. Outline of Common Law Pleading. English Reports and Reporters.

Text Books: Pollock and Maitland: *History of English Law*. Maitland: *Forms of Action*. Maitland and Montague: *Sketch of English Legal History*. Jenks: *Short History of English Law*. Holdsworth: *History of English Law*.

Second Term.

Contracts II.

Lecturer.....Assistant Professor Smith.

Five Lectures per week.

Sales of personal property. 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. Sale of Goods Act. Damages.

Text Books: Benjamin on *Sales*. Mayne: *Damages*.

Torts.

Lecturer.....

Five Lectures per week.

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 Books: Cockle & Hibbert: *Cases on the Common Law*. Salmond: *Torts*. Pollock: *Torts*.

Crimes.

Lecturers.....Hon. W. J. O'Hearn, K. C., M. B. Archibald.
Three Lectures per week.

Sources of Criminal Law. Immunity from Criminal Responsibility. Excuses for Commission of Offences. Offences against Public Order. 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.

Text Book: Tremear, annotated: *Canadian Criminal Code*.

Second Year.

First Term.

Property II.

Lecturer.....Professor Read.

Four Lectures per week.

This course will include a study of Real Property, Wills Act, Drafting and Interpretation of Wills, Law of Landlord and Tenant, and Conveyancing; also the preparation of deeds, mortgages and other instruments.

Faculty of Law.

Bills, Notes and Banking.

Lecturer.....Assistant Professor Smith.

Four Lectures per week

Formal requisites. Acceptance. Endorsement. Transfer. Discharge. Obligations of parties to Bills and Notes. Diligence. Notice of dishonour. Protest.

Bank Act.

Text Books: Russel on *Bills*. Falconbridge on *Banking*. *Bank Act*.

Agency.

Lecturer.....

Three Lectures per week

Principles of the Law of Agency, including Master and Servant.

Text Book: Bowstead: *On Agency*.

Bankruptcy.

Lecturer.....

Two Lectures per week.

Partnership.

Lecturer.....F. H. Bell., K. C.

Two Lectures per week.

Partnership.

Text Book: Pollock: *Partnership*.

Second Term.

Procedure I.

Lecturer.....Professor Read.

Four hours per week.

Historical introduction to modern Procedure. The Judicature Act and Rules. The course will include the conduct by the student of proceedings in Chambers and in Court. These proceedings will be carried on under the supervision of the instructor.

Equity I.

Lecturer.....Assistant Professor Smith.

Five Lectures per week.

Specific performance. Injunctions.

Text Books: Maitland: *Lectures on Equity*. Ames: *Cases in Equity Jurisdiction*. Fry: *Specific Performance*. Kerr: *Injunctions*.

Corporations.

Lecturer.....

Five Lectures per week.

History of Corporations and Company legislation. Dominion and Provincial Acts. Incorporation and organization. Leading principles of Company law. Cases.

Text Book: Palmer: *Company Law.*

Insurance.

Lecturer..... W. E. Thompson, LL. B.

Two Lectures per week.

The Contract of Insurance. Conditions, statutory and otherwise. Agency. Waiver and Estoppel. Warranties and Representations. Arbitration.

Text Book: Halsbury: *Laws of England, Vol. 17, Title Insurance.*

Third Year.

First Term

Evidence.

Lecturer.....

Two Lectures per week.

Text Books: Phipson on *Evidence.* Odgers: *Law of Evidence.* Cockle: *Cases on Evidence.* Phipson's Best: *Evidence.*

Equity II.

Lecturer..... Assistant Professor Smith.

Five Lectures per week.

Trusts. Nature of a trust. Creation of a trust. Elements of a trust. Charitable trusts. Resulting and constructive trusts. Remedies of the *cestuique* trust. Transfer of the interest of the *cestuique* trust. Persons bound by a trust. Liabilities of the trustee to third persons. Investment of trust funds. Termination of trusts.

Fraud, Misrepresentation, Mistake.

Text Book: Scott: *Cases on Trusts.*

Faculty of Law
Constitutional Law.

Lecturer.....

Three Lectures per week.

Conventions and Law of the Constitution. Fundamental principles of English Constitutional Law. Introduction of English Law into Colonies. Colonial Laws Validity Act. Rules of English Constitutional Law applicable in Colonies. British North America Act and decisions of the Privy Council and Canadian Courts thereon.

Text Books: Cameron: *Cases Decided in the Privy Council on the Canadian Constitution*. Clement: *Canadian Constitution*. Lefroy: *Federal System*. Dicey: *Law of the Constitution*.

Procedure II.

Lecturers..... Professor Read, Hon. Mr. Justice Chisholm,
Hon. W.J. O'Hearn.

Four hours per week.

This course will be a continuation of Procedure I. It will include the conduct of complete actions by the student. Lectures will be given on the canons of Legal Ethics, on Divorce Practice and on Criminal Procedure.

Practical Statutes and Rules of Interpretation.

Lecturers..... F. F. Mathers, K. C., A. L. MacDonald.

One Lecture per week.

Principles of Interpretation and Construction. Careful study of statutes of practical importance other than those dealt with in other courses. Drafting of Instruments, etc. The work of this course is confined to statutes falling within the legislative competence of the Provinces.

Text Book: Maxwell: *On Statutes*.

Shipping.

Lecturer..... C. J. Burchell, K. C.

One Lecture per week.

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

Text Books: McLachlan: *Shipping*. Mayers: *Admiralty Law and Practice*. Marsden: *Collisions at Sea*. Lowndes: *General Average*.

International Law.

Lecturer.....Professor Munro.

Two Lectures per week.

History of the development of International Law. The Law governing Nations during Peace and War. Neutrality. The Laws of War. International Law during the Great War. International Arbitration. The League of Nations.

Text Book: Stowell and Munro; *International Cases.*

Second Term.

Evidence.

Lecturer.....

Two Lectures per week.

Mortgages and Suretyship.

Lecturer.....T. W. Murphy, K. C.

Two Lectures per week.

Conflict of Laws.

Lecturer.....Professor Read.

Five Lectures per week.

Outline history of Private International Law. Nationality and Naturalization. Domicile. Capacity. Marriage and Divorce. Movables and Immovables. Contracts. Torts. Procedure. Foreign Judgments.

Text Books: Westlake: *Private International Law.* Dicey: *Conflict of Laws.* Foote: *Private International Jurisprudence.*

Shipping.

Lecturer.....C. J. Burchell, K. C.

One Lecture per week.

Procedure II.

Continuation of Procedure II as in First Term.

International Law.

Lecturer.....Professor Munro.

Two Lectures per week.

Faculty of Medicine.

Preliminary Statement.

In accordance with an agreement entered into in 1911 between the Governors of Dalhousie University and the Corporation of the Halifax Medical College, the work of the latter institution was forthwith discontinued, and instruction in all subjects of the medical curriculum was undertaken 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 the academic degree and the license of the Board.

Important Notice.

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 practice 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. W. H. Hattie, Halifax.

New Brunswick, Dr. J. S. Bently, St. John.

Prince Edward Island, Dr. Jas. Warburton, Charlottetown.

Newfoundland, Dr. T. M. Mitchell, St. John's.

Privileges.

The General Medical Council of the United Kingdom admits graduates in Medicine of Dalhousie University who have passed the professional examinations con-

ducted jointly by the University and the Provincial Medical Board, and have been licensed by the Board, to registration in the Colonial List of the British Medical Register. This confers precisely the same privileges as registration on the British List, viz., the right to obtain, without further examination, the license to practice medicine in practically any part of the British Empire and also in Italy and Japan, and, further, 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 Registrar of the Provincial Medical Board 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 and Facilities for Teaching.

The laboratories of physics and chemistry, on the Studley site, are used for the practical instruction of medical students in these subjects, and are thoroughly modern in design and equipment. A description of these laboratories will be found in the earlier pages of this calendar.

The laboratories of biology, histology and anatomy are situated in the Forrest Building, where the greater part of the didactic teaching is carried on. The equipment of the biological laboratory was recently largely increased through the liberality of Sir James H. Dunn, of London. The completion of the new Medical Sciences Building has provided room in the Forrest Building for extension of the laboratories of anatomy, biology and histology and for more museum space for these branches of the curriculum. The department of anatomy is well supplied with models, sections, etc.,

and lends disarticulate bones to students, for home study, free of charge. A very satisfactory Anatomy Act assures abundant material for dissection and operative surgery.

The laboratories of pathology, bacteriology and public health, of the Victoria General Hospital, were designed to provide for teaching and research in these subjects and made available to this University. The building which accommodates these laboratories is now undergoing very considerable enlargement which, when effected, will greatly enhance the already superior facilities offered for the practical instruction of students.

The laboratories for physiology, bio-chemistry, pharmacology and pharmacy are located in a new building adjoining the Forrest Building. These laboratories, which were carefully designed to meet the requirements of modern teaching, are commodious, well lighted, and very completely equipped. Generous provision has been made for research work, and special attention has been given to the comfort and convenience of the students both in the laboratories and in the two large lectures rooms and a demonstration room which are included in the building.

The opportunities for clinical teaching are exceptionally good, owing to the fact that the Victoria General Hospital, the Children's Hospital, the Tuberculosis Hospital, the Grace Maternity Hospital, and the City Home are all grouped about the Medical College. The University has recently erected a new building, known as the Dalhousie Public Health Clinic which was planned to serve as an out-patient department to these various institutions, and in which the work of the Halifax Visiting Dispensary will henceforth be carried on. Here, too, the work of various agencies which are concerned with the promotion of public health will be centred. This building not only materially increases the students' opportunities for clinical study of the commoner illnesses, but provides facilities for demonstrating the bearings of social and home conditions upon health.

Students are admitted to all the hospitals mentioned upon terms which are unusually favourable for clinical.

teaching. The Victoria General Hospital, with 250 beds, affords admirable opportunities for the observation and study of the more acute and serious forms of disease, and maintains a very active surgical service. In its special wards, diseases of women and children, skin diseases and diseases of the eye, ear, nose and throat are studied clinically. The X-ray department of the Hospital is very complete, and excellent laboratory facilities are provided for the investigation of special clinical problems. The Children's Hospital (55 beds), the Tuberculosis Hospital (60 beds), and the Grace Maternity Hospital (70 beds), are all admirably equipped, and the advantages they offer for clinical instruction are made fully available to the University.

Opportunity for the study of the more chronic diseases is provided in the hospital wards of the City Home, where, too, in the lying-in wards, facilities are offered for acquiring experience in practical obstetrics.

Clinical instruction in mental disorders is given at the Nova Scotia Hospital, Dartmouth, which accommodates 480 patients, and which offers to students the privilege of studying any type of disease which may be under treatment in the institution.

Arrangements have been made for occasional clinical lectures and demonstrations at the Health Centre of the Massachusetts-Halifax Health Commission, the Home of the Guardian Angel and the Halifax Infants' Home.

Public Health Nursing.

In March, 1920, the University initiated a Course in Public Health Nursing for graduate nurses. It is intended to continue it from year to year. A circular giving details of the Course can be had on application to the University Office.

General University Regulations.

University regulations applicable to the students of all Faculties and relating to registration, residence, church attendance, discipline, etc. will be found on pp. 17 *et seq.*

The University, in recognition of its responsibility to the public, and for its own reputation, reserves the right to terminate the attendance of any student at any time should it appear that he is unlikely to reach such a standard, either educationally or ethically, as would warrant his admission to the practice of medicine. Fees cannot be refunded to students who have been dismissed for any cause.

Academic Year.

The Academic Year consists of one session of eight months' duration. The session of 1924-25 will begin on Monday, Sept. 8th, 1924, and end on Tuesday, May 12th, 1925, except for students of the first year, in whose case the session will begin on September 29th and end on May 12th. The last dates for registration are respectively Saturday, September 13th, at noon and Saturday, October 4th, at noon.

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.

Admission and Grading.

All persons who have satisfied the Entrance Requirements (p. 15) in Medicine are admitted to the full work of the first year.

For admission to the second or any subsequent year an undergraduate must have passed the examinations required in all subjects of the preceding years. Students who fail in the spring examinations may come up for supplementary examinations in the autumn under the following conditions:

(a) In the case of students of the first and final years, supplementary examinations will not be allowed in more than two subjects.

(b) In the case of students of other years, the number of subjects in which supplementary examinations will be allowed will at no time exceed three.

(c) In the case of students of all years, those who fail to pass in all of the subjects of their year at the spring examinations, or to pass at the next ensuing supplementary examination all subjects in which they may have been allowed examination, must repeat attendance on all the courses of the year before again coming up for examination.

Subject to the University regulations for the admission of students, a Special student may be admitted to classes in this Faculty, but his attendance is not recognized as qualifying for a degree.

Women are admitted to classes under the same conditions as men.

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

Entrance Requirements.

Full details of the requirements for Entrance will be found on pp. 11-16.

*Curriculum.

The course for the degrees of Doctor of Medicine and Master of Surgery now extends over six years. Detailed information regarding the classes included in it will be found under "Courses of Instruction," pp. 109 *et seq.*

For the session of 1924-25, three different courses will be in operation, viz.:—

(a) A six year course, initiated in 1923, to be followed by students who are beginning the study of medicine.

(b) A six year course initiated in 1921 and applicable to students who commenced medical study at that time.

(c) A five year course applicable to students who commenced medical study prior to the session of 1921-22.

*It is to be distinctly understood that the regulations regarding courses of study, examinations, fees, etc., contained in this calendar are intended for the current year only, and that the Faculty does not hold itself bound to adhere absolutely to the curriculum and conditions now laid down.

These several courses are outlined as follows:

(a) **New Six Year Course.**

First Year. Physics 1, Chemistry 1A, Biology 1A, English 1A, History of Thought.

Second Year. Physics 20, Chemistry 2A and 4, Anatomy 1 and Practical Anatomy 1, Histology, Embryology, Influence of Science on Civilization.

Third Year. Anatomy 2 and Practical Anatomy 2, Physiology 1, 3, Biochemistry 1, Bacteriology 1, 2, Introduction to Clinical Medicine and Surgery.

Fourth Year. Anatomy, Physiology, Biochemistry and Pathological Chemistry, Pathology, Psychology, Practical Materia Medica, Obstetrics, Medicine and Clinical Medicine, Surgery and Clinical Surgery.

Fifth Year. Pathology (Morbid Anatomy), Clinical Microscopy and Clinical Chemistry, Pharmacology and Toxicology, Therapeutics, Medical Jurisprudence, Abnormal Psychology and Psychiatry, Clinical Obstetrics, Gynaecology and Clinical Gynaecology, Medicine and Clinical Medicine, Surgery and Clinical Surgery, Autopsies.

Sixth Year. Surgical Anatomy, Operative Anatomy, Paediatrics, Hygiene, Ophthalmology, Otology, etc., Clinical Medicine, Clinical Surgery, Clinical Obstetrics, Clinico-pathological conferences, Autopsies, History of Medicine and Medical Ethics.

(b) **Old Six Year Course.**

Third Year. Anatomy 1, Practical Anatomy 1, Physiology 1 and 3, Biochemistry 1, Bacteriology 1 and 2, Practical Materia Medica, Psychology.

Fourth Year. Anatomy, Physiology 2, 4, Biochemistry, Pathology 1 and 2, Clinical Chemistry and Clinical Microscopy, Materia Medica, Surgery, Practical Surgery, Clinical Surgery, Medicine, Practical Medicine, Clinical Medicine.

The fifth and sixth years of this course will correspond with those years of the new six year course.

(c) Five Year Course.

The curriculum for those still following the five year course is as follows:

Fifth Year. Anatomy 3, Operative Surgery, Clinical Surgery, Clinical Medicine, Clinical Paediatrics, Clinical Obstetrics, Practical Obstetrics, Clinical Gynaecology, Mental Diseases, Skin Diseases, Eye, Ear, Nose and Throat Diseases, Dressing, Clerking, Vaccination, Post Mortems, Hospital, Medical Ethics.

Regulations for Degrees.

In addition to the Matriculation and Entrance examinations, candidates for degrees are required to pass six Professional examinations. The requirements in each subject are covered by the work of the class or classes in that subject specified under "Courses of Instruction" (pp. 117, *et seq.*). In all examinations the marks obtained at sessional tests and at Christmas examinations will be considered in computing the marks allowed in each subject at the spring professional examinations. The examinations in the various subjects will be held within the dates set in the University Almanac, and as posted on the Notice Boards, and are arranged as follows:

First Professional Examination. (New Six Year Course)

One paper in each of the following subjects: Physics, Chemistry, Biology, English, History of Thought.

Second Professional Examination. (New Six Year Course).

One paper in each of the following subjects: Physics, Anatomy, Histology, Embryology, History 2A; one paper and a practical examination in each of Chemistry 2A and 4; oral examinations during the session in Anatomy, Histology and Embryology.

Third Professional Examination. (Old Six Year Course).

One paper and an oral examination in each of the following subjects: Anatomy, Bacteriology, Practical Materia Medica; one paper and an oral and practical examination in each of the following: Physiology, Bio-Chemistry; one paper in Psychology.

Fourth Professional Examination. (Old Six Year Course)

An oral examination in Anatomy; a paper and an oral examination in each of the following: Pathology 1, Materia Medica; a paper and an oral and practical examination in Bio-Chemistry and Physiology; a practical examination in Pathology 2; a paper in each of the following: Surgery, Medicine; a practical examination in each of the following: Clinical Chemistry and Clinical Microscopy, Practical Medicine, Practical Surgery,

Fifth Professional Examination. (Old Six Year Course).

One paper in each of the following subjects: Surgery, Pharmacology and Toxicology Medicine, Obstetrics and Gynaecology, Medical Jurisprudence, Therapeutics, abnormal Psychology and Psychiatry.

Fifth or Final Professional Examination. (Five Year Course)

One paper and an oral examination in each of the following subjects: Surgery in all departments and including Surgical Anatomy; Medicine in all departments and including Therapeutics; Obstetrics and Diseases of Women and Children; Mental Diseases. Also a practical clinical examination in Surgery and in Medicine.

Pass and Distinction Lists.

The names of candidates successful in the examinations are arranged in the published lists in two divisions, the Pass and Distinction divisions. To pass, a candidate must obtain a minimum mark of 40 per cent. in all subjects of the first two years except Anatomy, Histology, and Embryology in which and in all other subjects a minimum of 50 per cent. is required.

For Distinction in any subject he must obtain a mark of 75 per cent. or over in that subject. The names in the Pass division of the list are arranged in alphabetical order; the Distinctions are in order of merit.

Admission to Examinations.

Candidates for admission to Degree examinations must conform to the following requirements:

1. They must have satisfied the Entrance requirements (p. 15).
2. They must have attended the prescribed classes regularly and punctually. Certificates indicating less than 90 per cent. of attendance upon any class will not in ordinary circumstances be accepted.
3. They must have prepared such exercises, reports, etc., as may have been prescribed, and, in the case of classes involving laboratory or practical work, they must have completed such work satisfactorily.
4. For admission to the examinations of the second or any higher year they must have passed the examinations of all previous years.
5. 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 before the next graduation day).

(Signed).....

They must also present satisfactory certificates of having fulfilled the following requirements:—

- i. Attendance (a) during at least two periods of six months each on the practice of the Victoria General Hospital; (b) during at least one period of six months on the practice of the Dalhousie Health Centre; (c) on at least six maternity cases at Grace Maternity Hospital (or under a recognized practitioner); (d) on the post-mortem examinations conducted at the Victoria General Hospital over a period of at least six months,

during which instruction shall have been received in the methods of making such examinations and in framing reports; (e) on a course in operative surgery, during which operations shall have been performed on the cadaver to the satisfaction of the demonstrator.

ii. Service for at least six months, in the Victoria General Hospital, as (a) clinical clerk in the medical wards; (b) dresser in the surgical wards; and of having submitted complete histories in fifteen medical and fifteen surgical cases.

iii. Received instruction and attained proficiency in (a) administration of anaesthetics; (b) practice of vaccination.

Supplementary Examinations.

1. The conditions under which supplementary examinations are allowed are set forth under "Admission and Grading" (p.107).

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

3. 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 University Office and must be accompanied by the proper fee (p.116).

Exemptions.

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

- (a) of having passed the Entrance requirements or equivalent examinations after the completion of their sixteenth year, and before entering the classes of the first year of the medical course; and

- (b) of having attended and performed at any medical school or college recognized by the Senate the equivalent of the work required at this University.

Candidates may be exempted from *examination* in one or more subjects of the first five 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 for the purpose.

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 aegrotorum 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.

University Medal in Medicine.—This medal will be awarded on graduation to the student with the highest standing provided he has reached the high standard set by the Faculty for that purpose.

The Dr. Clara Olding Prize.—This prize, of the value of \$40, the interest of an endowment of \$1,000, by Dr. A. M. Hebb, of Dartmouth, as a memorial to his deceased wife, will be awarded annually to the student making the highest aggregate in the examinations of the fourth year, character and previous scholarship being taken into consideration.

The Dr. Lindsay Prize.—A prize of books will be awarded to the student who stands first among those

taking the third Professional examination, provided he shall have obtained Distinction in at least two of the subjects of examination.

Professor Cameron's Prize.—A prize of books will be awarded to the student of the second year who makes the highest marks in the Practical Anatomy class.

Fees.

All fees and deposits are payable in advance, and until these are paid the student will not receive credit for attendance upon any class nor will be admitted to any examination.

*For Registration.

Payable by students taking only one class in the University	\$3 00
Payable by students taking more than one class	5 00
Additional, for registration after the beginning of lectures, for each day	2 00

The Registration Fee entitles the student to the use of the University Library, the Medical Library, Athletic Field and Gymnasium.

For Tuition

Payable by Students Taking Individual Classes.

Practical Anatomy, each year	\$50 00
All other classes, each	40 00
Admission to Victoria General Hospital, Pathological Laboratory, Children's Hospital, Maternity Hospital, Health Centre, each	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 one hundred and twenty-five dollars, exclusive of fees for admission to hospitals, etc.

The amount payable by a candidate for a 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 two hundred dollars.

*Students who register only for the purpose of taking examinations are exempt from the payment of this fee.

Inclusive Fee Payable by Students Taking the Regular Classes of Any Year of the Curriculum.

For the first year	\$132 00
For each year after the first	\$200 00

This includes registration, tuition, hospitals, laboratory and the regular sessional examinations. Students taking the affiliated course in Arts or Science and Medicine will pay the fees for courses as in Arts during the first three years and the full rate of \$200.00 for the fourth year. That is, all students affiliated in Arts or Science and Medicine will pay the full medical fees for five years of their medical course.

For Examinations.

An application for an examination must be accompanied by the proper fee.

Individual subjects of medical examination, each subject	5 00
Supplementary examinations, each subject	10 00

For Certificates and Diplomas.

An application for a Certificate or Diploma must be accompanied by the proper fee.

Certificate under the University seal	1 00
For M. D., C. M. Diploma (payable before the final examination and returnable in case of failure)	10 00
Diploma, payable by those attending less than 4 years	30 00
Diploma, extra when conferred <i>in absentia</i>	5 00

See pages 19 and 20 for

Caution Deposit.

Laboratory Deposits.

Fee for Support of Student Organizations.

Students' Loan Fund.

COURSES OF INSTRUCTION.

I. English.

Assistant Professor.....C. L. Bennet.

- 1A. **Composition and Literature.**—Monday, Wednesday and Friday, 2.30-3.30 p. m.

II. History.

Professor.....A. Stanley Walker.

- 1A. **History of Thought.**—Monday and Wednesday, 3.30-4.30 p. m.

An outline History of civilisation from the Stone Age to modern times. A lecture course, in the main, but illustrated with set collateral reading and exercises.

- 2A. **Influence of Science on Civilization.**—Monday and Wednesday, 11-12 a. m.

A course of lectures given by individual professors to second year Medical students.

III. Physics.

Professor.....J. H. L. Johnstone.

Instructor.....Merle P. Colpitt.

MacGregor Fellow.....Carl Kenty.

1. **General Physics.**—Monday, Wednesday [and Friday, 10-11 a. m. Laboratory: Monday or Wednesday, 11-1.

As under Faculty of Arts and Science.

20. **Light, Sound and Electricity.**—Lectures: Monday and Wednesday, 9-10 a. m. Laboratory: Tuesday or Thursday, 9-12 a. m.

As under Faculty of Arts and Science.

IV. Chemistry.

Professor.....C. B. Nickerson.

Assistant Professor.....H. S. King.

Instructor.....E. W. Todd.

Student Assistant.....Margaret F. McCurdy

- 1A. **General Chemistry.**—Lectures: Monday, Wednesday and Friday, 9-10 a. m. Laboratory: Tuesday and Thursday, 2.30-5 p. m.

Pre-requisites.—Matriculation Algebra and Chemistry.

The Laboratory work of this course is that of Chemistry 1 with two and one-half additional hours per week, part of which is spent in a preliminary course in qualitative analysis.

2A. Advanced Inorganic Chemistry and Qualitative Analysis.—*Lecture: Saturday, 9-10 a. m. Laboratory: Tuesday or Thursday, 9-12 a. m.*

Pre-requisite.—Chemistry 1A.

Laboratory: The detection of the more common basic and acidic ions and the analysis of simple unknown substances.

Books Recommended: McPherson and Henderson: *A Course in General Chemistry*. Smith and Kendall: *Inorganic Chemistry*. Talbot and Blanchard: *Electrolytic Dissociation Theory*. Perkin: *Qualitative Chemical Analysis*.

V. Biology and Histology and Embryology.

Biology.

Associate Professors . . . J. Nelson Gowanloch (*Head of Dept.*); H. P. Bell.

1A. General Biology.—*Lectures: Tuesday, Thursday and Saturday, 9-10 a. m. Laboratory: Tuesday, Thursday and Saturday, 10-12 a. m.*

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, particularly with those having a bearing on Medical Science, also to serve as an introduction to biological methods. It includes a general survey of the plant and animal kingdoms with particular emphasis on the study of vertebrate types as well as discussion of topics of fundamental biological importance, e. g., protoplasm, cell and cell structure, reproduction, inheritance, variation, adaptation, immunity, evolution, etc.

Histology and Embryology

Associate Professor R. J. Bean.

Histology.—*Tuesday and Friday, 2.30-5.30 p. m.*

This course consists essentially of laboratory work and is intended to meet the requirements of medical and dental students of the second year. It deals with the minute structure of the tissues and organs of the human body, their development, and primary functions. Students will be carefully trained in the principles of tissue differentiation, and frequent tests involving the identification of unknown slides and fresh preparations will constitute an important part of the work. Special emphasis is placed upon the microscopic structure of the teeth and gums, and dental students will be provided with both dried preparations and sections of calcified teeth *in situ*.

Embryology.—*Wednesday, 2.30-5.30 p. m.*

The problems of fertilization, segmentation, the development of the embryo and its protective membranes, are worked out in the laboratory by dissections and the intensive study of slides. The

materials used include the frog, chick, rabbit, pig and human. A thorough study of organogenesis, the physiology of the embryo and the factors which underlie growth and differentiation, is the particular aim of this course. Dental students will be given special instruction on the growth and development of the teeth.

VI. Anatomy.

Professor.....John Cameron.
Senior Demonstrator.....
Demonstrators.....W. Alan Curry, G. W. Grant.

Lectures.

1. Osteology and Arthrology.—Monday and Wednesday, 12-1

This course is intended for second year students. The entire skeleton with the exception of the cranial bones will be carefully studied, the bones and joints being examined in detail. All the ordinary bones of the skeleton are supplied to students, both in the Practical Anatomy Room, and for study at home, on their making a deposit of the proper fee.

2. Regional Anatomy.—Friday 12-1 and Tuesday and Thursday, 2.30-3.30 p. m.

This part of the course will be given during the third year and will be devoted to the consideration of the cranial bones and of the Regional Anatomy of the body. Lectures will be illustrated by fresh dissections, plates, diagrams and models.

Text Books: Cameron: *Regional Anatomy*. Cameron: *Osteology & Arthrology*.

3. Surgical Anatomy.—Friday, 4-5 p. m.

This course, to be taken by students of the final year, will consist of additional lectures and demonstrations on 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.

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 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" at least once. Dental students must dissect the head and neck and one other part in each year.

Text Book: Cameron: *Regional Anatomy*.

A Tutorial Class in Osteology, for medical students of the second year, is held once a week.

Text Book: Cameron: *Osteology & Arthrology*.

VII. Physiology.

Professor.....
 Demonstrator.....Philip D. McLaren.

1. *Wednesday, Friday and Saturday, 9-10 a. m.*

This course, which consists of lectures and demonstrations, is intended for students of the third Year. It is to be taken concurrently with Physiology 3.

2. *Monday and Thursday, 3-4 p. m.*

This is a more advanced course of lectures and demonstrations, supplemented by experimental evidence, for students of the fourth year.

3. **Practical Experimental Physiology.**—*Wednesday, 2.30-5.30.*

In this course the student will observe physiological phenomena for himself and obtain records of these whenever possible.

4. **Practical Experimental Physiology.** *Tuesday, 2.30-5.30 p. m.*

This is an advanced practical course, consisting of demonstrations, alternating with laboratory exercises, to be taken by fourth year students in conjunction with Physiology 2.

Text Books: Howell: *Text Book of Physiology.* Starling: *Text Book of Physiology.* Fraser Harris: *Nerves.* Gregor Brodie: *Essentials of Practical Physiology.*

VIII. Bio-Chemistry.

Professor.....E. Gordon Young.

1. **Lectures.**—*Wednesday, 11-12 a. m. Laboratory: Monday, 9-12 a. m.*

A course of lectures, conferences and laboratory work given to students of the third year inclusive of the chemistry of the carbohydrates, fats, proteins and related substances.

2. **Lectures.**—*Monday, 12-1 p. m. Laboratory: Saturday, 9-12 a. m.*

A course of lectures and laboratory work given to students of the fourth year on the biochemistry of nutrition, digestion, metabolism and excretion in physiological and pathological aspects.

Text Book: Hawk: *Practical Physiological Chemistry.* Books recommended: Mathews: *Physiological Chemistry.* Von Furth: *Chemistry of Metabolism.* Wells: *Chemical Pathology.*

3. **Clinical Microscopy and Clinical Chemistry.**—*Friday, 4-6 p. m.*

The examination of urine, faeces, stomach contents, sputum, blood and pathological fluids and exudates will be considered practically and their diagnostic importance emphasized. Each student is required to provide himself with a haemocytometer.

IX. Pathology, Bacteriology and Parasitology.

<i>Professor</i>	Albert G. Nicholls.
<i>Lecturer</i>	Donald J. MacKenzie.
<i>Demonstrator in Bacteriology</i>	J. N. Lyons.
<i>Demonstrator in Pathology</i>	Gerald W. Grant.

Pathology.

1. Lectures.—General Pathology.—*Tuesday and Thursday, 10-11 a. m.*

A course of lectures to fourth year students during the First and Second Terms, dealing with the general principles of Pathology, in which the following subjects will be considered; the morphology, physiology and chemistry of the cell; the causes of disease; the morbid processes; the tissue changes; reaction and adaptation. neoplasia; blood and circulation. The oral examination will be held on the completion of the course, the written examination in the spring. Dental students will attend the lectures of the First Term only.

2. Laboratory Work. Morbid Histology.—*Monday and Wednesday, 9-11 a. m.*

A course during the First and Second Terms given to students of the fourth year. The lesions affecting the various organs will be taken up systematically, and instruction will be given in the cutting, staining and mounting of histological preparations. A representative series of microscopical preparations will be lent to each student for purposes of study, after the mechanical technique shall have been mastered. The student will be expected to make drawings of his sections. A practical examination will be held in the spring. Dental students will take the work of the First term only.

3. Morbid Anatomy and Post Mortem Examinations.

Demonstrations to students of the fourth year will be given at suitable times on Morbid Anatomy. Systematic instruction will be given on this important subject to students of the fifth year, two hours weekly.

The students of the fourth, fifth and sixth years are required to attend and assist at all autopsies. They will receive instruction in the proper conduct of the same, and will be expected to prepare and mount all tissues removed at autopsy for purposes of diagnosis and report upon them.

4. Clinico-Pathological Conferences.

As opportunity arises, conferences will be held in the lecture room of the Victoria General Hospital, conducted by the clinicians

and pathologists. Interesting and instructive cases will be presented, special attention being given to the course and development of the disease, the clinical diagnosis, and the final pathological findings. Students of the fourth, fifth and sixth years are expected to attend and take part in the discussions.

Bacteriology.

1. **Lectures.**—*Tuesday, Thursday and Friday, 11-12 a. m. (First Term). Tuesday and Friday, 11-12 a. m. (Second Term).*

A course of lectures to third year students during the First and Second Terms. The nature of bacteria, their morphology, staining reactions, and mode of growth will be discussed, as well as regular instruction given on their relationship to infective processes. Immunity and immunity reactions will also be considered in a specially planned short course. A written and an oral examination will be held in the spring.

2. **Laboratory Work.**—*Tuesday and Thursday 9-11 a. m. (First Term). Tuesday, 9-11 a. m. (Second Term).*

A course during the First and Second Term for students of the third year, in which will be considered the various culture media, methods of laboratory technique, the mode of growth and specific reactions of the more important bacteria. Particular attention will be given to methods of bacteriological diagnosis as applied to clinical medicine. Students will have an opportunity of making permanent preparations of the various organisms considered for purposes of future study. A short practical course will be provided also in immunology.

Parasitology.

About twenty lectures and demonstrations are given during the Second Term at the close of the regular course in Bacteriology to students of the third year. This course is elementary and only intended to be a basis for a clearer understanding of the more important diseases due to protozoon and metazoon parasites.

Text Books: Green: *Manual of Pathology*. Stengel & Fox: *Text Book of Pathology*. Mallory: *Pathological Histology*. Muir and Ritchie: *Manual of Bacteriology*. Faught: *Essentials of Laboratory Diagnosis*. Karsner & Ecker: *Principles of Immunology*. Chandler: *Animal Parasites*.

X. Pharmacology.

Professor O. S. Gibbs.
Lecturer on *Materia Medica* G. A. Burbidge.

Faculty of Medicine.

Pharmacology.

A course of lectures accompanied by laboratory work will be given to students of the fifth year, at hours to be arranged later.

Materia Medica.

1. Practical.—Saturday, 10—12 a. m.

This course, given in the third year, aims to provide an elementary knowledge of prescriptions and dispensing. The following are discussed: weights and measures; simple pharmaceutical processes; classification and definition of Galenical preparations; nomenclature; composition and doses of a selected list of typical preparations; elementary dispensing procedure; pharmaceutical classification of medicinal principles of plants; common chemical and pharmaceutical incompatibilities. Frequent practice is given in copying and reading prescriptions. So far as possible, instruction is imparted by means of practical laboratory exercises.

Text Book: M. C. P. *Junior Pharmacy Notes*.

Reference Books: Scoville: *Art of Compounding*. *British Pharmacopœia*. *U. S. Pharmacopœia*. *Canadian Formulary*.

2. Monday and Friday, 11—12 a. m.

This course, given in the fourth year, consists of two lectures weekly. The first half of the year, approximately, is spent in the study of groups of drugs having similar pharmacological action. The action and exhibition of the most important members of each group are studied and compared. During the remainder of the year the important drugs are reviewed individually with particular reference to prescribing. Students are required to write original prescriptions each week throughout the year; these are discussed in class. Particular attention is paid to form of exhibition, combining of drugs, synergism, dosage, incompatibilities, flavoring and coloring agents, vehicles, etc.

Text Book: Hale White: *Materia Medica*.

Reference Books: Cushing: *Pharmacology*. Sollmann: *Pharmacology*. *B. P. Codex*. Squire's *Companion to the B. P. U. S. Dispensatory*. *A. M. A. New and Non Official Remedies*.

XI. Surgery.

Professors E. V. Hogan (*Head of Department*), John Stewart
Associate Professors J. G. MacDougall, Philip Weatherbe
Lecturer W. Alan Curry.

Lecture Courses.

1. A course of lectures, two hours per week, on the general principles of Surgery, to be given during the fourth year.

2. A course of lectures, two hours per week, on Regional Surgery, to be given during the fifth year.

Text Books: Rose and Carless, Thomson and Miles, *American System*, Whar-
ton and Curtiss.

Operative Surgery.

3. This course, conducted by Dr. Weatherbe, will be given in the final year. While descriptive instruction will be given by the teacher, students themselves, under supervision, will be required to perform operations on the cadaver.

Text Books: Treves, Waring, McGrath.

XII. Clinical Surgery.

Professors . . . E. V. Hogan (*Head of Department*), H. K. MacDonald.
Associate Professors J. G. MacDougall, G. H. Murphy.
Lecturer Frank G. Mack.
Demonstrators L. Thomas, J. F. Lessel, W. L. Muir.

Clinical Surgery.—In addition to lectures on cases at the Hospitals and Health Centre, students of the fourth and fifth years are individually trained at the bedside in diagnosis and treatment.

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 is taught by Dr. Thomas in the fourth year. A course of instruction in the administration of anaesthetics is given by Drs. Lessel and Muir.

XIII. Medicine.

Professor L. M. Silver.
Associate Professor K. A. MacKenzie.
Lecturers S. R. Johnston, H. G. Grant.

1. A course of lectures and recitations, two hours per week, in which diseases of the digestive, circulatory, respiratory and genito-urinary systems, blood and ductless glands will be discussed, in the fourth year.

2. A course of lectures and recitations, two hours per week, in which infectious and constitutional diseases and those affecting the nervous system will be taken up, in the fifth year.

Text Books: For Class Work: Osler, Anders. For Reference: Roberts, Gib-
son. Osler: *Modern Medicine*. Morris: *Dictionary of Practical Medicine*. Tice:
Practice of Medicine. Church and Peterson: *Nervous and Mental Diseases*.

XIV. Clinical Medicine.

Professor L. M. Silver.
Associate Professor K. A. MacKenzie.
Lecturers, M. J. Carney, F. G. Mack, S. R. Johnston, T. M. Sieniewicz,
H. G. Grant

Clinical Medicine.—Clinical lectures and instruction will be given to the students of the last three years at the Hospitals and

Health Centre at least three days a week 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 the methods of examining patients will be given to the students of the fourth year, by Dr. Mackenzie, Dr. Johnston and Dr. Sieniewicz. The class will be divided into convenient groups in order that students may receive individual attention.

Text Books: Butler: *Diagnostics of Internal Medicine*. Page: *Physical Diagnosis*. Jacob: *Atlas Clinical Medicine*. Musser: *Medical Diagnosis*. Hutchinson and Rainey: *Clinical Methods*. Cabot: *Medical Diagnosis*. DaCosta: *Physical Diagnosis*.

XV. Obstetrics and Gynaecology.

Associate Professor of Obstetrics and Gynaecology (Head of Department) H. B. Atlee.
Associate Professors of Obstetrics W. B. Almon, E. K. Maclellan.
Demonstrators of Practical Obstetrics P. A. Macdonald (*Chief of Clinic*), E. K. Maclellan, H. B. Atlee.

Obstetrics.—In the fifth year of the six year course, two lectures are given each week. These lectures are illustrated by diagrams, lantern slides and models. Clinical instruction is given at the Grace Maternity Hospital in the examination of patients, diagnosis of pregnancy, prenatal care, etc.

In the final year, the student attends the Grace Maternity Hospital and is given an opportunity of seeing all the work in the Hospital, and assisting in the management of cases.

Gynaecology.—In the fifth year of the six year course, two lectures are given each week, in which the various conditions are considered in detail and diagnosis and treatment fully discussed. Clinical instruction is given at the Victoria General Hospital, where the students are taught, in groups, in case taking, the examination of patients, the use of instruments and the conduct of operations.

In the final year, clinical instruction in the examination and diagnosis of gynaecological cases is given to small groups of students. Each student is required to act as clinical clerk to the cases assigned him, to be present at any operation required, and to follow the after-treatment. Operations will be performed on stated days, and at these the members of the clinic may be present.

Text Books: Obstetrics—Shearsa, Hirst, Edgar, Williams, Eden, Jellett. Gynaecology—Anapach, Crossen, Eden and Lockyer, Bland-Sutton and Giles, Blair Bell, Graves.

XVI. Medical Jurisprudence.

Lecturer.....

This course will embrace a consideration of the procedure to be followed in the identification of the dead, the medico-legal examination of the dead body, the determination of the cause of death, special features associated with death by violence, the medico-legal aspects of pregnancy, delivery, abortion, infanticide, etc., medical malpractice; mental capacity in relation to criminal responsibility, contracts and wills; federal and provincial laws which concern the physician; and, generally, all matters in which the courts are likely to require medical opinion. Toxicology will be dealt with in the course in Pharmacology.

Text Books: Reese, Glaister, Draper.

XVII. Therapeutics.

Lecturer.....J. R. Corston.

Therapeutics.—This course will consist of two lectures each week on Clinical Therapeutics, special attention being given to the therapeutic action of drugs.

The course will include a series of lectures by special lecturers, on electro-therapy, hydro-therapy, climatology, radiology, massage and clinical diætics.

Text Books: Hare: *Practical Therapeutics*. Ortner: *Treatment of Internal Diseases*. Whitla: *Dictionary of Treatment*. Rudolf: *Medical Treatment*.

XVIII. Hygiene and Public Health.

Professor.....W. H. Hattie.
Lecturers.....A. C. Jost, H. A. Chisholm.

The course will consist of lectures and demonstrations, two hours a week, designed to give a comprehensive view of the field of hygiene and public health. Particular attention will be given to such matters as the laws governing public health administration, modern methods in preventive medicine, epidemiology, quarantine and disinfection, water supplies, air and ventilation, housing problems, sewage and refuse disposal, food, vital statistics, and various special phases of public health work. Advantage will be taken of the opportunity of studying the operation of plants for water filtration, water chlorination, milk pasteurization, heating and ventilation of public buildings, etc., and the general management of public health clinics.

In addition, a short course of lectures on Military Hygiene will be given, during the second term, by Col. Chisholm. This course

will outline the duties of medical officers in the conservation of the health of troops.

Text Books: Parks and Kenwood: *Hygiene and Public Health*. Jameson and Marchant: *Hygiene*. Lelean: *Sanitation in War*.

XIX. Skin Diseases.

Lecturer.....Frank G. Mack.

This course will consist of weekly lectures, chiefly clinical, to be given in the wards of the Victoria General Hospital to final year students.

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

Text Books: Walker: *Introduction to Dermatology*. Schamberg: *Diseases of the Skin and the Eruptive Fevers*. For Reference: Stelwagon & Gaskill, *Diseases of the Skin*.

XX. Eye, Ear, Nose and Throat Diseases.

Lecturer.....R. Evatt Mathers.

Didactic and clinical instruction in these subjects will be given to students of the final year each week during the session, on Wednesdays, at 3 p. m., at the Victoria General Hospital, and at the Children's Hospital.

Text Books: *Diseases of the Eye*—May, Fox. *Diseases of the Nose and Throat*—Coakley and Phillips. *Diseases of the Ear, Nose and Throat*—Gleason. *Nose, Throat and Ear*—Porter.

XXI. Mental Diseases and Psychiatry.

Professor.....W. H. Hattie.
Clinical Instructor.....F. E. Lawlor.

A course of twenty didactic lectures dealing with the principal forms of mental disease will be given to fifth year students, supplemented by clinical instruction by Dr. Lawlor at the Nova Scotia Hospital.

Text Books: Stoddart: *Mind and its Disorders*. Craig: *Psychological Medicine*.

Psychology.

Professor.....Norman J. Symons

This course is designed to afford a clear insight into the newer work in psychology, particularly in its bearing upon medical problems. Only such reference is made to the usual text book teaching as is necessary to elucidate matters brought up for discussion, the aim being to make the course as free from academic consideration and as adaptable to medical practice as is possible.

XXII. Paediatrics.

Lecturer..... M. J. Carney.
Clinical Instructor..... G. B. Wiswell.

This course will consist of weekly didactic lectures to students of the final year. In addition clinical lectures illustrative of Disease in Children will be given by members of the staffs of the Victoria General Hospital, the Children's Hospital, the Infectious Diseases Hospital, the Infants' Home and the Health Centre, to students of the fourth and fifth years.

Text Books: Dingwall-Fordyce: *Diseases of Children*. Still: *Common Diseases and Disorders of Children*. Holt: *Diseases of Infancy and Childhood*. Morse and Talbot: *Diseases of Nutrition and Infant Feeding*. Dennett: *Simplified Infant Feeding*. Myers: *Practical Handbook on Diseases of Children*.

XXIII. Vaccination.

The student will receive instruction in this subject at the Health Centre and other institutions. He will be required to perform the operation and note results so as to obtain a certificate of proficiency

XXIV. Medical Ethics.

A short course of lectures on this important subject was inaugurated in 1916. These lectures are for final year students only.

Faculty of Dentistry.

Preliminary Statement.

An agreement was consummated in 1911 between the Board of Governors of Dalhousie University and the Provincial Dental Board of Nova Scotia, whereby the Maritime Dental College was merged into the Faculty of Dentistry of the University.

The instruction in the purely scientific subjects and in the professional subjects common to Dentistry and Medicine is taken by Dental students in common with the students of the Faculties of Arts and Science and of Medicine. Instruction in the Dental subjects is given in the Dental Apartments, in the south wing of the Forrest Building; these include the Infirmary and the Dental Laboratories. Abundant dental infirmary practice is available. The Victoria General Hospital is near by, and affords an ample surgical clinic. Students will also attend the dental clinic of the Halifax Dispensary. The laboratory of Pathology and Bacteriology, which has been erected and equipped by the Hospital Commission in connection with the Victoria General Hospital, affords superior facilities for both elementary and advanced study of these subjects.

By an arrangement between the University and the Provincial Dental Board of Nova Scotia the Professional examinations are conducted by the examiners of the Faculty of Dentistry at the University, so that candidates may qualify at the same time for the degree of D. D. S. and for the license to practice in Nova Scotia.

Important Notice.

Students are reminded that the Dental degree does not necessarily qualify for admission to practise in any province, each province having its own regulations for admission, to which a candidate must conform. Par-

ticulars regarding these regulations in each of the Maritime Provinces and in Newfoundland 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, Newfoundland.

Dominion Dental Council.

The Dominion Dental Council of Canada is a central organization under the control of the dental profession of Canada. Its object is to erect and maintain a standard of education and ethics for the dental profession, and to conduct professional examinations and issue Certificates of Qualification which will be accepted without further examination by the provinces.* These certificates are now accepted in all the provinces except Quebec.

Dental students who comply with the Council's Matriculation or Preliminary education requirements and term of studentship, and who graduate from an accepted Canadian dental college, and pass the examination of the Council, may be registered in any province in Canada without further examination (British Columbia and Quebec excepted). This privilege is enjoyed by the graduates in Dentistry of this University, as its Matriculation regulations meet the requirements of the Council, and the Faculty of Dentistry is on the accepted list of Canadian Colleges.

General University Regulations.

University regulations applicable to the students of all Faculties and relating to residence, church attendance, discipline, etc., will be found on page 17.

Academic Year.

The Academic Year consists of one session of eight months duration. The session of 1924-25 will begin on

*For information address Dr. W. D. Cowan, Secretary of the Dominion Dental Council, Regina, Sask.

Monday, Sept. 8th, 1924, and end on Tuesday, May 12th, 1925, except for students of the first year, in whose case the session will begin on Sept. 29th.

No students will be admitted after noon of Saturday Sept. 13th.

Degree.

The only degree conferred in the Faculty of Dentistry is that of Doctor of Dental Surgery (D. D. S.).

Admission of Students.

Candidates for admission to the course in Dentistry must have complete Matriculation.

A student will not be admitted to the classes of the second or any higher year, unless he has passed in all the subjects of the previous year.

Students intending to practise in Nova Scotia must register with the Provincial Dental Board before beginning their course of study.

Students intending to practise in another province of the Dominion or in another country are reminded that they must conform to all the regulations of that province or country.

Women are admitted to classes under the same conditions as men.

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

Matriculation.

Full details of the requirements for Matriculation will be found on pp. 10 *et seq.*

Curriculum.*

The course for the degree of Doctor of Dental Surgery extends over five years. The course is as follows:

*It is to be distinctly understood that the regulations regarding courses of study, examinations, fees, etc., contained in this calendar are intended for the current year only, and that the Faculty does not hold itself bound to adhere absolutely to the curriculum and conditions now laid down.

First Year. (Five Year Course).

Lectures.—Physics 1, Chemistry 1A, Biology 1A, English 1A, History of Thought.

Laboratory.—Physics, Chemistry, Biology.

Second Year. (Five Year Course).

Lectures.—Physics 20, Chemistry 2A and 4, Anatomy 1, and Practical Anatomy, Histology, Embryology, Dental and Comparative Dental Anatomy, Drawing and Modelling, Prosthetic Dentistry, Preventive Dentistry.

Laboratory.—Physics, Chemistry, Anatomy, Histology, Embryology, Dental Anatomy, Drawing and Modelling, Prosthetic Technic.

Third Year. (Five Year Course).

Lectures.—Prosthetic Dentistry, Biochemistry 1, Operative Technic, Materia Medica, Anatomy 2, Physiology 1, Bacteriology, Preventive Dentistry.

Laboratory.—Prosthetic and Operative Dentistry, Preventive Dentistry, Anatomy, Physiology 3, Biochemistry 1, Bacteriology.

Fourth Year (Four Year Course)

Lectures.—Surgery 1, Oral Surgery and Anaesthetics, Operative and Prosthetic Dentistry, Orthodontia, History, Ethics and Jurisprudence, Crown and Bridge Work and Ceramics, Hygiene, Radiology, Metallurgy.

Laboratory.—Prosthetic Dentistry, Dental Infirmary, Hospital, Crown and Bridge Work and Ceramics, Orthodontia.

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 examinations are arranged as follows:

First Professional Examination. (Five Year Course).

One paper in each of the following subjects: Physics, Chemistry, Biology, English and History of Thought.

Second Professional Examination. (Five Year Course).

One paper in each of the following subjects: Physics, Embryology, Dental and Comparative Dental Anatomy, Prosthetic Dentistry, Preventive Dentistry; one paper and a practical examination in Chemistry 2A, Chemistry 4, Histology, and Drawing and Modelling; oral examinations during the session in Anatomy.

Third Professional Examination. (Five Year Course).

One paper in each of the following: Prosthetic Dentistry, Operative Dentistry, Materia Medica and Preventive Dentistry, and one paper and an oral examination in Anatomy and in Bacteriology, one paper and oral and a practical examination in Biochemistry and Physiology.

Fourth Professional Examination. (Four Year Course).

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

Pass and Distinction Lists.

The names of candidates successful in the examinations are arranged in the published lists in two divisions the Pass and Distinction divisions. To pass, a candidate must obtain a minimum mark of 40 per cent. in English, History, Chemistry, Physics and Biology: in all other subjects a minimum of 50 per cent. is required.

For Distinction in any subject he must obtain a mark of 75 per cent. or over in that subject. The names in the Pass division of the list are arranged in alphabetical order; the Distinctions are in order of merit.

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 curriculum regularly and punctually. Certificates indicating less than 90 per cent. of attendance upon any class will not in ordinary circumstances be accepted.

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. 192

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)

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 Supplementary examinations 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 all the subjects of the year.

Supplementary examinations are held on the dates specified in the University Almanac, in September and during the regular Professional examinations in the spring, 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 University Office, and must be accompanied by the proper fee. (See p. 135).

Exemptions.

Candidates may be exempted from examination in one or more subjects of the first three Professional examinations on presenting certificates of having taken equivalent classes and passed equivalent examinations at any dental college recognized by the Senate for the purpose, and complying with the regulations of the University.

Instruments and Appliances.

All the heavier appliances are supplied by the University. The student must provide all other instruments, tools and material for his technic work in both Laboratory and Infirmary. Students entering the second year class are warned not to procure operating instruments until entering College. Each student must have the instruments prescribed and of the particular make selected by the Faculty. Arrangements are being made whereby these may be procured to the best financial advantage. The borrowing of instruments is absolutely forbidden.

Medals and Prizes.

University Medal in Dentistry.—This medal will be awarded on graduation to the student who stands highest in the Final Professional examination, provided he shall obtain Distinction in at least four of the five major subjects of that examination, and shall have reached an exceptionally high standing on the whole four years of his course.

The Charles Bell and E. A. Bell Prizes.—Books to the value of \$25 to be divided between the two students who make the best two general averages in all subjects of the First Professional examination, offered by Mr. Charles Bell; similar prizes in the case of the Second Professional examination offered by Mr. E. A. Bell.

The Nova Scotia Dental Association Prizes.—Books to the value of \$25 to be divided between the two students who make the best two general averages in all subjects of the Third Professional examination.

Fees.

All fees and deposits are payable in advance, and until these are paid the student will not receive credit for attendance upon any class nor be admitted to any examination.

For Registration.*

Payable by students taking only one class in the University	\$3 00
Payable by students taking more than one class	5 00
Additional, for registration after the beginning of lectures, for each day	2 00

The Registration Fee entitles a student to the use of the University Library, Dental Library, Athletic Field and Gymnasium.

For Tuition.

Students taking individual classes will be charged according to the schedule shown on page 115, if those classes are common to the Medical curriculum. The charge for purely Dental classes may be had on application.

Inclusive Fee Payable by Students taking the Regular Classes of any Year of the Curriculum.

For the first year	\$132 00
For each year after the first	200 00

This includes registration, tuition, hospital, laboratories and the regular sessional Examinations.

For Examinations.

An application for Examination must be accompanied by the proper fee.

Individual subjects of dental examination, each subject	5 00
Supplementary examination, each subject	10 00

For Certificates and Diplomas.

An application for a Certificate or Diploma must be accompanied by the proper fee.

Certificate under the University seal	\$ 1 00
For D. D. S. Diploma (payable before the final examination and returnable in case of failure)	10 00
Diploma, payable by those attending less than 3 years	20 00
Diploma, extra when conferred <i>in absentia</i>	5 00

See pages 19 and 20 for

Caution Deposit.

Laboratory Deposits.

Fee for Support of Student Organizations.

Students Loan Fund.

*Students who register only for the purpose of taking examinations are exempt from the payment of this fee.

COURSES OF INSTRUCTION.

For the details of classes in—

English,
History,
Physics,
Chemistry,
Biology, and Histology and Embryology,
Anatomy,
Physiology,
Biochemistry,
Pathology and Bacteriology
Surgery.

See pp. 116 *et seq.*

Drawing and Modelling.

Lecturer.....S. G. Ritchie.

This course is not intended to be of the same type as that given to art students. It is elementary but sufficiently comprehensive to form a suitable introduction to several succeeding dental subjects in which artistic principles play an important part. It includes—Elementary free hand drawing, Elementary perspective, The principles and practice of drawing to scale, Simple modelling in clay or plasticine. The study of ideal facial contours of the various types with special attention to the proportions and relative positions of the features in each, particular care being taken with the lower third of the face. Finally the color and texture of the skin, lips, teeth, etc., will be studied from the artistic standpoint so that the harmony existing may be disclosed and analyzed.

Dental Anatomy, Histology, Embryology and Comparative Dental Anatomy.

Professor.....S. G. Ritchie.

Dental Anatomy, Histology and Embryology.—This course includes a study of the contents of the buccal cavity from a dental standpoint. The forms of the teeth, the process of calcification, eruption and absorption. Also the histological structure and embryology of the teeth, dental pulp and surrounding tissues.

A practical course in tooth carving and dissection of the natural teeth will be carried on in the laboratory.

Reference Book: Black.

Comparative Dental Anatomy.—The lectures and demonstrations in this course are designed to be a study in the classification of dental types and theories of evolution of the dental organ from simple to complex forms.

Reference Book: Tomes.

Hygiene and Preventive Dentistry.

Lecturer..... G. K. Thomson.

This course consists of a series of lectures and demonstrations, part of which is given in each of the last four years. It is designed to emphasize the more generally accepted theories of the etiology of abnormal oral conditions and to indicate a rational procedure to foster, as far as may be, a condition of immunity in the oral tissues.

Reference Books: A. C. Fones: *Mouth Hygiene*. Stillman & McCall: *Clinical Periodontia*.

Operative Dentistry.

Professor..... F. W. Ryan.
Lecturer..... W. H. H. Beckwith.

The instruction in this subject begins in the third year. It will proceed through the processes involved in Operative Technic to a study of the whole subject of Operative Dentistry. The course will be thoroughly illustrated and demonstrated in the Technic Laboratory and Infirmary.

Students in the last two years will be engaged in Infirmary practice daily under the supervision of experienced demonstrators. The work of the final year is designed to instruct the student in the details of Operative practice.

Reference Books: Ward, Marshall, Black & Johnson.

Dental Pathology and Therapeutics.

Professor..... A. W. Cogswell.

The course is designed to provide a proper knowledge of Dental Pathology and Therapeutics. The lectures will be given in the third year, with practical demonstrations in the Infirmary throughout the last two years. The principles of sterilization will be carefully taught.

Reference Books: Engelman & Wagner, Burchard & Inglis.

Materia Medica.

Lecturer..... K. F. Woodbury.

This course consists of about twenty-five lectures given in the third year. The student is expected to become familiar with the properties, uses and therapeutic effects of the drugs used in dentistry.

Text Books: Buckley, Printz.

Orthodontia.

Professor.....W. W. Woodbury.

This subject will be presented in a course of lectures and clinical demonstrations during the last two years.

The course of instruction will proceed from a discussion of normal conditions to the various derangements of alignment of the teeth, the abnormalities of the dental arch and consequent deformities of the face, and interference with mastication. The methods and appliances adopted to correct or ameliorate these conditions will be practically applied.

Reference Books: Dewey McCoy, Pullen (as in Johnson's Operative Dentistry), Lischer.

Oral Surgery and General Anaesthetics.

Professor.....F. V. Woodbury.

Surgery.—A course on Oral Surgery, to be given during the final year, embracing operations which the dental surgeon should be able to perform.

Text Books: Blair, McCurdy, Thomson & Miles, Ivy.

Anaesthetics.—General Anaesthetics will be taught along with Oral Surgery, ample opportunity being given for practical demonstrations.

Text Books: Buxton, Luke, Struthers.

Exodontia and Radiology.

Lecturer.....G. R. Hennigar.

Exodontia.—A course of lectures weekly during the second term of the third year, including the study of nitrous oxide and oxygen, somnoform, etc., and local anaesthetics.

Reference Books: Winter, Smith, Thoma, Hewitt & Ford.

Radiology.—A course of lectures weekly during the first term of the final year, including the study of plates and films from the Infirmary.

Text Books: Raper, Thoma, McCoy.

Prosthetic Dentistry.

Lecturers... J. S. Bagnall, G. H. Fluck, R. H. Woodbury, A. W. Faulkner.

This course continues throughout the last four years. The instruction is didactic and practical. The teaching and Laboratory Technic are designed to impart a working knowledge of all that appertains to Dental Prosthesis. Technic will be carried along in

proper sequence, and at the earliest moment students will be required to construct dental appliances of various kinds for patients in the Infirmary.

Reference Books: Prothero, Wilson, Turner.

Crown and Bridge Work, and Ceramics.

Professor G. K. Thomson.
Lecturer W. C. Oxner.

This subject will be presented by lectures, demonstrations and laboratory experiments. It will continue throughout the last two years, with Infirmary practice.

Gold and Porcelain, Crown, Bridge and Inlay Construction, including casting methods, will receive proper attention. The latest types of electric furnace and casting machines are provided for the use of the students. Students who may desire to use their own electrical furnaces will be supplied with electric connections. Reference Book: *Crown & Bridge*, Evans. Goslee: *Ceramics*. Capon, Havestad.

Metallurgy.

Lecturers C. B. Nickerson, R. H. Woodbury.

A course of lectures and demonstrations in Metallurgy will be given during a part of the final year.

Reference Book: Hodgen, Essig.

Dental History, Jurisprudence, Ethics & Economics.

Lecturer D. G. A. Chudleigh.

History.—History and development of Dentistry.

Reference Book: Taylor.

Ethics.—A brief statement of the important principles of morals and obligations of professional men to their patients, other practitioners and the public.

Reference Book: Noyes.

Jurisprudence.—A discussion of the subject as it affects the qualifications and responsibilities of the Dental Surgeon.

Reference Book: Brothers.

Economics.—The student's attention is directed to factors that make for success in dental practice; to a consideration of the rewards of service, and to an appreciation of their values.

Reference Book: Johnson: *Success*.

Societies.

THE ALUMNI ASSOCIATION.

(Organized in 1871. Incorporated in 1876).

President—F. H. Zwicker; *First Vice-President*—W. W. Woodbury; *Second Vice-President*—E. W. Nichols; *Third Vice-President*—J. D. Vair; *Secretary-Treasurer*—F. M. Milligan; *Executive*—R. E. G. Roome; O. R. Crowell, R. G. Smith, T. M. Sieniewicz, J. A. Waker, W. E. Hillis; *Auditors*—R. E. Inglis, H. W. Schwartz.

THE ALUMNAE ASSOCIATION.

(Organized in March 1909. Incorporated in May 1914).

President—Carol McInnes; *First Vice-President*—Mrs. H. B. Atlee; *Second Vice-President*—Mrs. H. C. Studd; *Treasurer*—Louise Clayton; *Recording Secretary*—M. Eileen Burns; *Corresponding Secretary*—Edith M. Creighton; *Executive*—Annie Mackay; Lois Mackinlay; Winnifred Read; Mabel Morrison; Marjorie Marshall; Alice G. Harvey; Eliphah Nichols.

Council of Students of the University.

President—L. W. Fraser; Harriett E. Elliott; *Secretary-Treasurer*—W. C. Chipman; *Executive*—W. S. Gilchrist; C. H. W. Sedgewick, J. G. Godsoe, D. E. Green; *Finance*—A. B. Morton, G. M. Grant, R. M. Piercey.

The Sodales Debating Club.

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

President—D. McInnes; *Vice-President*—W. E. Darby; *Secretary-Treasurer*—A. B. Morton; *Executive*—W. B. MacOdrum, R. H. Macleod, Avis Marshall, W. S. Gilchrist, D. E. Green.

Dalhousie Amateur Athletic Club.

President—D. R. Sutherland; *Vice-President*—D. McInnes; *Secretary-Treasurer*—G. M. Morrison; *Executive*—C. G. MacOdrum, W. G. Dawson, G. R. Forbes, P. T. Hickey, W. C. Chipman, G. L. Fraser; *Manager Foot Ball Team*—G. M. Bruce; *Manager Hockey Team*—C. L. Gass; *Manager Basket Ball Team*—E. L. McQuade; *Manager Track Team*—A. A. Dunlop.

Dalhousie Girls' Athletic Club.

President—Anna M. Grant; *Vice-President*—Eva W. Mader; *Secretary-Treasurer*—I. Harriet Roberts; *Manager Basket Ball Team*—Mabel A. Borden; *Manager Ground Hockey Team*—Edith I. Macneill; *Manager Ice Hockey Team*—F. Jean Messenger; *Manager Badminton Club*—M. Allison McCurdy.

The Dalhousie Gazette.

The *Dalhousie Gazette* is published by the students of the University under the authority of the Council.

Editor—.....; *Business Manager*—A. B. Morton.

Students' Christian Association—Men's Branch.

The aim of the Dalhousie Y. M. C. A. is to serve the students and the college community along lines of spiritual and social development. All new students as well as the upper classmen should associate themselves with the movement, for the benefits it has for them and the opportunities it affords for community and social service.

President—H. Hamilton; *Vice-President*—R. F. Ross; *Secretary*—T. M. Cumming; *Treasurer*—K. M. Grant; *Cabinet*—G. M. Grant, R. H. Macleod, R. A. Gordon, R. Gushue, H. E. Langwith, D. E. Green, O. F. C. Armstrong.

Students' Christian Association—Women's Branch.

Meetings of the Association are held every Thursday afternoon at 5 o'clock.

President—Irene V. Allen; *Vice-President*—Allison Fritz-Randolph; *Secretary-Treasurer*—Helen Wickwire; *Bible Study Secretary*—Katherine Covert; *Canadian Student Representative*—Gertrude Mills; *Cabinet*—Harriet Elliott, Elinor Barnstead, Harriet Roberts, Elizabeth Morton, Avis Marshall, Marjorie Mosher.

The Delta Gamma Society.

The Delta Gamma Society meets bi-monthly during the session. All women students are eligible for membership. Debates are held and literary programmes are prepared.

President—Harriett E. Elliott; *Vice-President*—Anna M. Grant; *Secretary-Treasurer*—Elinor G. Barnstead.

Arts and Science Students' Society.

President—C. H. W. Sedgewick; *Vice-President*—.....;
Secretary-Treasurer—A. B. Thompson.

Engineering Society.

Honorary President—Professor Copp; *President*—H. G. Stairs;
Vice-President—O. F. C. Armstrong; *Secretary-Treasurer*—B. H.
 C. Zwicker; *Executive*—C. A. Grierson; G. E. Kent, B. F. Ripley,
 W. G. Sexton.

Commerce Society.

President—E. A. Mowat; *Vice-President*—F. Jean Messenger;
Secretary-Treasurer—H. C. Morton; *Executive*—Ruth A. Fulton,
 C. E. Doyle.

Law Students' Society.

President—V. L. Pearson; *Vice-President*—Grace Wambolt;
Secretary—D. McInnes.

Medical Students' Society.

President—H. E. Kelley; *Vice-President*—W. S. Gilchrist;
Secretary—J. W. Merritt, *Treasurer*—H. D. O'Brien.

Dental Students' Society.

President—W. G. Dawson; *Vice-President*—D. Smith; *Secretary-Treasurer*—L. A. Johnston.

Dalhousie Glee and Dramatic Society.

Honorary President—Mrs. G. F. Pearson; *President*—C. R.
 Baxter; *Vice-President*—Eva W. Mader; *Secretary-Treasurer*—
 C. H. W. Sedgewick.

Dalhousie Students' Volunteer Band.

President—R. C. Robb; *Vice-President*—Pearl G. Young;
Secretary-Treasurer—J. A. Hockin.

Dalhousie Skating Club.

President—R. S. Gass; *Vice-President*—Mary McIntyre;
Secretary-Treasurer—C. G. MacOdrum.

Commun Gaidhlig Dalhousie (Dalhousie Gaelic Society).

Organized to promote a deeper study of Keltic language and literature.

President—W. B. MacOdrum; *Vice-President*—M. C. Mac-
 donald; *Secretary-Treasurer*—J. A. Nicholson; *Executive*—R. D.
 acintosh, J. D. N. MacDonald, J. I. Morrison.

Newman Club.

President—K. P. J. Hayes; *Vice-President*—B. Margaret Smith; *Secretary-Treasurer*—J. G. Godsoe; *Executive*—B. R. Burns; Harriet Morrissey, G. J. Redmond.

Class 1924 Arts (Life Members).

President—D. S. Campbell; *Vice-President*—Amy G. McKean; *Secretary*—Esther E. MacKay; *Treasurer*—A. B. Morton.

Class 1925 Arts.

Honorary President—Professor MacMechan; *President*—W. C. Chipman; *Vice-President*—Marian M. Elliott; *Secretary*—M. Frances Milner; *Treasurer*—C. G. MacLennan.

Class 1926 Arts.

Honorary President—Dr. E. W. Nichols; *President*—J. G. Godsoe; *Vice-President*—I. Harriet Roberts; *Secretary*—Elinor Barnstead; *Treasurer*—W. J. McCurdy.

Class 1927 Arts.

President—J. R. McCleave; *Vice-President*—Freda Winfield; *Treasurer*—M. M. Rankin.

Class 1924 Law (Life Members).

President—R. J. McKenna; *Vice-President*—M. Olive Maddin; *Secretary*—H. E. Read.

University Lists.

DEGREES CONFERRED SESSION 1923-24.

Convocation, May 13, 1924.

*—Degree conferred during the session.

**—In absentia.

Honorary Degree of Doctor of Laws.

Byron Crane Borden, D.D., D.C.L., Annapolis.

Master of Arts.

Burns, Mary Eileen Halifax.
Chisholm, Ellen Mary Halifax.
Dunlop, Jean Katharine Grace . . . Port Dufferin, Hfx. Co.
Forsyth, Ian Keith Dartmouth.
Grant, Clifford Fraser Port of Spain, Trinidad, B. W. I.
Gunn, Wm. Alexander Douglas . . . Sydney, C. B. Co.
Harvey, Alice Gordon Dartmouth.
MacNutt, Roy Douglas Truro, Col. Co.
Moriarty, Jean Olive Halifax.
Sinclair, Donald Maclean Hopewell, Pic. Co.

Bachelor of Arts.

Beckwith, Chas. John Worden . . . Halifax.
**Bissett, Fred'k Wm. Manifold . . Halifax.
Black, Edith Mae River Falls, Wisconsin, U. S. A.
Butler, Margaret Ruth Halifax.
Buttenshaw, Katherine Mary . . . Dartmouth.
Campbell, Janet Hazel Inverness.
Cluney, Renetta Elizabeth Halifax.
Coffin, Carl Cowan Tatamagouche, Col. Co.
deCarteret, Norman Wilfred
Squares Halifax.
*Forsythe, William Harding Sheffield Mills, King's Co.
Frame, Harold Annand Westville, Pic. Co.
Geddes, Erma Elizabeth Great Village, Col. Co.
**Goudge, Thomas Roland Halifax.
Hawkins, Mary Caroline Halifax.
Hayes, Kenneth Paul Joseph . . . Halifax.
Hewat, William Auchmuty Halifax.
Hickey, Parker Thomas Halifax.
Jamer, Emily Joyce Halifax.
King, Margaret Eliza Dartmouth.
MacCalder, Catherine Mabel . . . Orangedale, Inv. Co.
McInnes, Donald Halifax.
MacKay, Esther Elizabeth Halifax.
MacKay, Margaret Elizabeth . . . New Glasgow, Pic. Co.

McKean, Amy Gertrude.....	Halifax.
Mackenzie, Sarah Muriel.....	Glace Bay, C. B. Co.
MacKinnon, Florence Elder.....	Sydney, C. B. Co.
McLeod, Neil Alexander.....	South St. Ann's, Vic. Co.
MacLeod, Roger Stanley.....	Port Morien, C. B. Co.
MacOdrum, William Boyd.....	Mineral Rock, C. B. Co.
Mader, Antony Ivan.....	Halifax.
Mills, Gertrude Evelyn.....	Halifax.
Morrison, Thomas James.....	Point Tupper, Rich. Co.
Morton, Arthur Blenus.....	Halifax.
Murray, Clara Fraser.....	New Glasgow, Pic. Co.
Norton, Robert Homer.....	Cardigan, P. E. I.
O'Connor, Mary Juanita, B.Com..	Halifax.
Parks, Carl Hector.....	Halifax.
Power, Frances Charlotte Aileen.	Halifax.
Read, Catherine Eunice.....	Truro, Col. Co.
Richardson, William Ackley.....	Westville, Pic. Co.
Robb, Robert Cumming.....	New Glasgow, Pic. Co.
Ross, Jean MacKay.....	Halifax.
Ross, Robert Fail.....	Sydney, C. B. Co.
Seaman, Bessie Margaret.....	Charlottetown, P. E. I.
*Sister Marie Clotilde.....	Rockingham, Hfx. Co.
*Sister Agnes Gertrude.....	Rockingham, Hfx. Co.
Swan, Waldo Henry.....	Harvey Station, N. B.
Swetman, Margaret Esther.....	Moncton, N. B.

Bachelor of Science.

McCarthy, Derrick.....	Halifax.
Williams, Richard Massey.....	Halifax.
*MacLeod, Nelson Burgess.....	Truro, Col. Co.

Bachelor of Commerce.

Campbell, Douglas Sturrock.....	Halifax.
Hoben, Marion Elizabeth.....	Halifax.

Bachelor of Laws.

Barnhill, Isaac Logan.....	Truro, Col. Co.	
Flinn, Richard Jeffrey.....	Halifax.	
*Ferguson, Hugh McKay.....	Truro, Col. Co.	
Fogo, James Gordon.....	Sydney, C. B. Co.	
Graham, James Edmund.....	Truro, Col. Co.	
**Harris, Clyde Vinecove, B. A..	Halifax.	
Kennedy, Russell William.....	Centreville, N. B.	
*MacAskill, Charles Bannington.	Baddeck, Vic. Co.	
McEvoy, Vincent Joseph.....	Newcastle, N. B.	
McKenna, Roe Joseph, B. A. (St.	F.X.).....	Bathurst, N. B.
Mackinnon, Alastair George, B.A.	Halifax.	
MacLeod, Charles Malcolm.....	Amherst, Cumb. Co.	
MacLeod, Neil Alexander.....	South St. Ann's, Vic. Co.	
Maddin, Mary Olive, B. A.....	Sydney, C. B. Co.	
Matheson, Alexander MacKenzie.	Meadowville, Pic. Co.	
Milner, Alfred Creelman.....	Amherst, Cumb. Co.	

- Read, Horace Emmerson, B. A.
(Acad.)..... Amherst, Cumb. Co.
*Richardson, Claude Sartoris, M.
A. (Acad.)..... Sydney, C. B. Co.
Shaw, Ralph Herbert..... Mount Denson, Hants Co.
Traboulosee, Anthony, B. A. (St.
F. X.)..... Glace Bay, C. B. Co.

Doctor of Medicine and Master of Surgery.

- Britton, Edgar Murray..... Elmsdale, Hants Co.
Brown, John Forbes..... Trenton, Pic. Co.
Cameron, William John..... West Bay, Inv. Co.
Campbell, Clarence Gordon, B.A. Halifax.
Carroll, James Joseph..... Halifax.
Chase, Lalia Barclay, B.A. (Acad.) Wolfville, Kings Co.
Colwell, William Gerard..... Halifax.
*Corbin, Harold Hunter..... Halifax.
*Coster, Frederick Edwin..... Hampton, N. B.
Creighton, Howard Alexander,
B. A..... Halifax.
Davies, Edward Ross..... Salt Springs, Fic. Co.
Davis, Joseph Wilfrid..... Bridgewater, Lun. Co.
DeWolfe, Henry Charles Mitchell Yarmouth.
Grant, Roderick William..... Wolfville, King's Co.
*Haslam, Maurice Brent..... Buffalo, N. Y.
Henderson, Randolph Richard... Mahaica, British Guiana.
Kenney, Robert Wallace..... Halifax.
Leslie, George Lawrence..... Spry Bay, Hfx. Co.
McLean, John Archibald..... Glace Bay, C. B. Co.
MacLean, Thomas Walter..... Springville, Pic. Co.
MacMillan, Charles William..... Dartmouth.
Marshall, Clyde Slocomb..... Halifax.
Martin, Angus Bruce..... Grand View, P. E. I.
Milne, John Andrew..... Woodburn, Fic. Co.
Moore, Fred Laurence..... Economy Point, Col. Co.
Murchison, James Randolph... Clyde River, P. E. I.
Poirier, Wilfrid Gordon Joseph... Glace Bay, C. B. Co.
Poppystone, Charles Burton... Toronto, Ont.
Reid, Henry Douglas..... Shubenacadie, Hants Co.
Shaffner, Geoffrey Chipman, B.A. Halifax.
Thorne, Alice Evelyn..... Lower Granville, Ann. Co.
Zinck, Lincoln Martin..... Chester, Lun. Co.

Doctor of Dental Surgery.

- Anthony, Allison Borden..... Halifax.
Clifford, Vincent Foster..... Little Bras d'Or, C. B. Co.
Dalgleish, Ralph Reynolds..... Bridgewater, Lun. Co.
Dexter, Carl Roberts..... Truro, Col. Co.
Forbes, Roberta McKenzie..... Springhill, Cumb. Co.
Fraser, Harold Rose..... Trenton, Pic. Co.
Harlow, Walter Elton..... North Brookfield, Queens Co.
Heal, Herbert Newton..... Liverpool, Queens Co.
Langille, Ralph Meredith..... Truro, Col. Co.
Logan, Guy Murray..... New Glasgow, Pic. Co.
MacDougall, George Gregory... Moncton, N. B.

McIntosh, Charles Edward.....New Glasgow, Pic. Co.
 Magee, Mabel Angela St. John...St. John, N. B.
 Shaffner, Parrie Moody.....Halifax.
 Somers, Stuart Minto.....Shediac, N. B.
 Sutherland, Archibald McKay...Fraser's Mountain, Pic. Co.
 Trainor, John Clifford.....Kinkora, P. E. I.
 Turnbull, Guy Victor.....Digby.

Diploma of Engineering.

Cave, William Kenneth.....St. John's, Newfoundland.
 MacDonald, Donald James.....Balmoral Mills, Col. Co.
 Moran, William Gregor.....Truro, Col. Co.
 Pringle, George Hugh.....Pictou.

Diploma of Pharmacy.

MacDonald, Ernest Carl.....Trenton, Pic. Co.
 MacDonald, John Anthony.....Sydney, C. B. Co.
 McQuinn, John Alexander.....Halifax.
 Mitton, Henry Wallace.....Moncton, N. B.
 Ormond, William Gerald.....Amherst, Cumb. Co.
 Pollett, Harry Garland.....Sydney, C. B. Co.
 Steeves, Hubert Waldo.....Moncton, N. B.

HONOURS, PRIZES AND MEDALS.

Diplomas of Honour.

Mathematics—High Honours....Katherine Mary Buttenshaw.

Diplomas of Distinction.

Great Distinction.....Bessie Margaret Seaman, Waldo
 Henry Swan, Robert Fail Ross, **Sister Marie Clotilde.
Distinction.....Robert Homer Norton, Carl
 Cowan Coffin, **Sister Agnes Gertrude, Esther Elizabeth Mac-
 Kay.

Graduation Prizes and Medals.

Sir William Young Gold Medal
 (Mathematics).....Katherine Mary Buttenshaw.
University Medals:—
 Faculty of Law.....James Gordon Fogg.
 (Honourable Mention).....Alastair George Mackinnon.
 Faculty of Medicine.....Robert Wallace Kenney.
Avery Prize (First Distinction
Graduate).....Bessie Margaret Seaman.
Carswell Prize (Highest standing
in regular course in Law) 3rd
 Year.....Divided between James Gordon
 Fogg and Alastair George
 Mackinnon.
National Drug Co., Limited, Gold
Medal.....Ernest Carl MacDonald.

STUDENTS REGISTERED, 1923-24.

FACULTY OF ARTS AND SCIENCE.

Enrolled in Dalhousie University.

Adams, Evelyn Pryor	Halifax.
Allan, Margaret Glen	Lockeport, Shelb. Co.
Allen, Edmund Keith	Halifax.
Allen, Irene Viola	Summerside, P. E. I.
Allison, Edmund Philip	Halifax.
Archibald, John Douglas	Newtown, Guys. Co.
Armstrong, Maurice Whitman	Bridgetown, Ann. Co.
Armstrong, Owen Fred Calder	Tupperville, Ann. Co.
Atwood Arthur Gerald Michael	
Lysons	Bedford, Hfx. Co.
Atwood, John Joseph Lysons	Bedford, Hfx. Co.
Baird, Ethel Henrietta	St. John's, Newfoundland.
Baird, Kathleen Mildred	St. John's, Newfoundland.
Barnaby, Harry Cogswell	Bridgewater, Lun. Co.
Barnstead, Elinor Grace	Halifax.
Beaton, Albert Hector	North Sydney, C. B. Co.
Beck, Robert McGregor	New Glasgow, Pic. Co.
Beckwith, Chas. John Worden	Halifax.
Bell, Harry Heartz	Halifax.
Bell, Lawrence Wolfe	Dartmouth.
Benoit, Remi Alphonse	Truro, Col. Co.
Beresford, Mary Agnes	Dollar, Scotland.
Bishop, Elbert Watson	Halifax.
Bissett, Clarence Norton	Windsor, Hants Co.
Bissett, Ethel Freda Smith, B.A.	Halifax.
Bissett, Frederick Wm. Manifold	Halifax.
Black, Edith Mae	River Falls, Wisconsin, U. S. A.
Blanchet, Kathleen	Rothesay, N. B.
Blois, Elfreda Elizabeth	Halifax.
Bonachea, Elisa Aurora	Halifax.
Borden, Mabel Ashmere	Grand Pre, Kings Co.
Bourque, Edgar Guy	Moncton, N. B.
Bown, Agnes Margaret	Sydney, C. B. Co.
Brookfield, John Carr	Halifax.
Brown, Edward Dow	Clark's Harbour, Shelb. Co.
Brown, Jennie Laura	Kensington, P. E. I.
Brown, Mabel Hilda	Halifax.
Brown, Stirling Henderson	New Glasgow, P. E. I.
Brown, William Albert	Halifax.
Buckley, Gerald Robert	Halifax.
Butler, Keith Huestis	Halifax.
Butler, Margaret Ruth	Halifax.
Buttenshaw, Katherine Mary	Dartmouth.
Byers, John Wilfrid Fisher	Tatamagouche, Col. Co.
Byrne, Ross James	Dartmouth.
Callan, Richard Ferguson	Halifax.
Cameron, Anna Helen	Halifax.
Cameron, Hugh Donald	Halifax.
Cameron, Ralph	Halifax.

Campbell, Alexander John	Truro, Col. Co.
Campbell, Donald	Marble Mountain, Inv. Co.
Campbell, Douglas Sturrock	Halifax.
Campbell, Janet Hazel	Inverness.
Campbell, Marjorie Catherine	Halifax.
Campbell, Marion Emily May	Halifax.
Campbell, Nellie May	Centredale, Pic. Co.
Campbell, Ruth Errington	Halifax.
Cave, William Kenneth	St. John's, Newfoundland.
Chai, Harold	Hong Won, Korea.
Chipman, William Cedric	Yarmouth.
Chisholm, Ellen Mary	Halifax.
Chisholm, James Lewis Lee	Truro, Col. Co.
Christie, Douglas Gordon	Bedford, Hfx. Co.
Church, John William	New Glasgow, Pic. Co.
Clarke, Helen Wood	Halifax.
Clouston, Donald Murdock	St. John's, Newfoundland.
Cluney, Renetta Elizabeth	Halifax.
Coffin, Carl Cowan	Tatamagouche, Col. Co.
Coffin, Thomas Herbert	Halifax.
Collins, Blanche Helena	Granville Ferry, Ann. Co.
Colquhoun, Marjorie Gwendolyn	Halifax.
Cook, Arthur Stanley	Halifax.
Covert, Katherine Hannington	Dartmouth.
Cox, Arthur Charles	Halifax.
Cox, Evelyn Frances	Halifax.
Crawford, Alfred Thomas	St. Stephen, N. B.
Crawford, Isabelle Gertrude	Kelowna, B. C.
Creelman, Robert Currie	Truro, Col. Co.
Creighton, Edith Murray	Halifax.
Creighton, George Wilfrid Irving	Halifax.
Crimp, Peryl Nita	Dartmouth.
Crocker, Margaret Betts	Millerton, N. B.
Crowdis, Annie Elizabeth	Inlet Baddeck, Vic. Co.
Cumming, Theodore Merrill	Joggins, Cumb. Co.
Curtis, Jean Mildred	Halifax.
Cuthbertson, Charles Howard	Fredericton, N. B.
Dakin, Robert Augustus	Pugwash, Cumb. Co.
Darby, Walter Eric	Abram's Village, P. E. I.
Davidson, Herbert Armstrong	Middleton, Ann. Co.
deCarteret, Norman Wilfred Squares	Halifax.
Dechman, Walter Fairchild	Bridgetown, Anna. Co.
Douglas, Julia Weir	Halifax.
Doyle, Charles Elmer	Truro, Col. Co.
Dresner, Josephine Selma	Halifax.
Duff, Agnes Paterson	Lunenburg.
Dunphy, John Beattie	Nash Creek, N. B.
Dustan, Harry Gordon	Halifax.
Dwyer, John Harrington	Halifax.
Dwyer, Thomas Edward	Halifax.
Egan, Marjorie	Halifax.
Elliott, Harriett Evelyn	Berwick, King's Co.
Elliott, Marian Margaret	Berwick, King's Co.
Elliot, Walter Roy	Dartmouth.
Etter, Blanche Isabel	Shubenacadie, Hants Co.

Firth, William Adams	Doaktown, N. B.
FitzRandolph, Marry Allison	Bridgetown, Ann. Co.
Fleming, Martha Hewitt	Port Hilford, Guys. Co.
Foote, Ruth Morton	Halifax.
Forbes, Donald Frederick Jas.	Sussex, N. B.
Forsyth, Ian Keith, B. A.	Dartmouth.
Forsyth, Marion Louise, B. A.	Dartmouth.
Frame, Gordon Flemming	Westville, Pic. Co.
Frame, Harold Annand	Westville, Pic. Co.
Fraser, Frederick Murray	Halifax.
Fraser, Freda Merrill	Halifax.
Fraser, George Leonard	Halifax.
Fraser, Hugh Artworth	Halifax.
Fraser, Janet Elsie	New Glasgow, Pic. Co.
Fraser, Reginald Alfred Stephen	French Village, Hfx. Co.
Fraser, Roland Kennedy	Pictou.
Fraser, Willard Bruce	Stellarton, Pic. Co.
Freeman, Allan Tupper	Halifax.
Friel, Jack Edward	Moncton, N. B.
Fulton, Ruth Allison	Upper Stewiacke, Col. Co.
Ganter, Muriel Jean	Halifax.
Garber, Ray Sinclair	Bridgewater, Lun. Co.
Garcin, Hazel Gwendolyn	Curling, Newfoundland.
Gaudet, Frederick Joseph	Yarmouth.
Gates, Winslow Laurence Spiers	Halifax.
Gavsie, Charles	Sydney, C. B. Co.
Geddes, Erma Elizabeth	Great Village, Col. Co.
Geddes, George Earl	Milford Station, Hants Co.
Godsoe, Joseph Gerald	Halifax.
Goldstone, Rosie	St. John's, Newfoundland.
Gordon, Donald Livingstone Gunn	Pictou.
Gordon, Robert Angus	Summerside, P. E. I.
Gordon, Seymour Clifford	Georgetown, P. E. I.
Graham, Jane Maude	New Glasgow, Pic. Co.
Grant, Anna Margaret Catherine	Moncton, N. B.
Grant, Clifford Fraser, B. A.	Port of Spain, Trinidad, B.W.I.
Grant, Constance	Halifax.
Grant, Gordon Allison	Yarmouth.
Grant, Gordon MacGregor	Yarmouth.
Grant, Harold Copeland	New Glasgow, Pic. Co.
Grant, Kenneth Milfred	Glace Bay, C. B. Co.
Gregg, Dorothy Alward, B. A.	
(Acad.)	Halifax.
Gregg, Milton Fowler	Halifax.
Grierson, Cyrus Arthur Wm.	Weymouth, Dig. Co.
Hagen, Kathleen Agnes	Halifax.
Hamilton, Howard	New Glasgow, Pic. Co.
Hamilton, Hope Evermore	Mahone Bay, Lun. Co.
Harris, Arthur Clifford	Halifax.
Harrison, James Alden	Trenton, Pic. Co.
Harrison, William Carl	New Waterford, C. B. Co.
Harvey, Alice Gordon, B. A.	Dartmouth.
Hawkins, Mary Caroline	Halifax.
Hayes, Frederick Ronald	Halifax.
Hayman, Alden Bernard	Truro, Col. Co.

- Hayman, Ruby Avis Truro, Col. Co.
 Hebb, Andrew Olding Dartmouth.
 Hebb, Donald Olding Dartmouth.
 Henderson, Edgar Hastings Inverness.
 Henley, Winfrid Lordly Halifax.
 Hewat, Arthur Moore Halifax.
 Hewat, William Auchmuty Halifax.
 Hill, Allan Chalnoer Yarmouth.
 Hillis, James Stanley Halifax.
 Hilton, Phyllis Raymond Yarmouth.
 Hines, Rebecca Mary Halifax.
 Hoben, Marion Elizabeth Halifax.
 Hockin, James Arthur Middleton, Ann. Co.
 Holder, Ella Geraldine, B. A. Halifax.
 Horne, John Edmund Halifax.
 Horne, John Owen Rodbert Truro, Col. Co.
 Hornsby, William Edward Halifax.
 Huestis, Ronald Curry Truro, Col. Co.
 Humphrey, Thomas James Kensington, P. E. I.
 Hyde, Marjorie Louise Dartmouth.

 Irwin, Dorothy Mary Halifax.
 Irwin, George Byron Halifax.
 Iversen, Leon Joshua Lunenburg.

 Jamer, Emily Joyce Halifax.
 Jardine, John Arthur Bradalbane, P. E. I.
 Jensen, Evernia Halifax.
 Jewitt, Arthur Russell Halifax.
 Johanson, Joseph Andreas Truro, Col. Co.
 Johnson, Alethea Dorene Halifax.
 Johnson, Charlotta Fulton Halifax.
 Johnstone, Edwin Cecil New London, P. E. I.
 Jones, Charles McLean Dalhousie, N. B.
 Jones, Cecil Edward Bear River, Digby Co.
 Joseph, Cyril Louis Port of Spain, Trinidad, B.W.I.
 Jubien, Arthur Edwin Halifax.

 Kelley, Walter Bruce Yarmouth.
 Kennedy, Marjorie Mary Ellen Halifax.
 Kent, George Edward Halifax.
 Kenty, Carl, B. Sc. Halifax.
 Keshen, Helen Elizabeth Halifax.
 Keyes, Clyde Costello Halifax.
 Killam, Frances Harriet Halifax.
 King, Margaret Eliza Dartmouth.
 Kinsman, Hazel Frances Halifax.
 Kirn, William Morrison Summerside, P. E. I.
 Knox, Vera Huntingdon Pinehurst, Lun. Co.

 Lachhmansingh, Joseph Prayag Berbice, British Guaina, S. A.
 Langille, Eben Alonzo Sunny Brae, Pic. Co.
 Langstroth, George Otty Halifax.
 Langwith, Henry Exmouth Sydney Mines, C. B. Co.
 Larnder, Harold Halifax.
 Laurence, George Craig Halifax.

- Lewis, John Albro Charles Sydney, C. B. Co.
 Lewis, Philip Joseph Holyrood, Newfoundland.
 Livingstone, Harrison Lincoln . . . Big Bras d'Or, C. B. Co.
 Longley, John Wilberforce Halifax.
- MacBride, Malcolm Cummings . Kentville, Kings Co.
 MacCalder, Catherine Mabel . . . Orangedale, Inv. Co.
 McCarthy, Derick Halifax.
 McCaughin, Ellen Caroline Parrsboro, Cumb. Co.
 McCleave, John Rae Stewiacke, Col. Co.
 McCuish, Daniel New Aberdeen, C. B. Co.
 McCurdy, Lorne Cameron Truro, Col. Co.
 McCurdy, Margaret Frances, B.
 Sc. Old Barnes, Col. Co.
 McCurdy, Margaret Allison
 Florence Newcastle, N. B.
 McCurdy, William Jarvis New Carlisle, Quebec.
 Macdonald, Alfred Gray Halifax.
 Macdonald, Douglas Fraser New Glasgow, Pictou Co.
 MacDonald, Donald James Balmoral Mills, Col. Co.
 MacDonald, Ernest Carl Trenton, Pic. Co.
 Macdonald, Flora Baddeck, Vic. Co.
 Macdonald, Flora Isabel Halifax.
 Macdonald, Ian Halifax.
 MacDonald, John Anthony Sydney, C. B. Co.
 MacDonald, John Donald Nelson . St. Esprit, Rich. Co.
 MacDonald, John Harry Sunny Brae, Pic. Co.
 MacDonald, Peter James Springville, Pic. Co.
 MacDonald, Vincent Christopher . Halifax.
 MacDougall, Jean Stewart Halifax.
 MacDougall, Marguerite Irene . . Sunny Brae, Pic. Co.
 McElmon, Elledge Laurie Dartmouth.
 MacInnes, Alice Ethel Wallace Ridge, Cumb. Co.
 McInnes, Donald Halifax.
 MacInnes, James Allister Wallace Ridge, Cumb. Co.
 MacIntosh, Chas. Alex. Daniel . . North Earlton, Col. Co.
 Macintosh, George Kenneth Sydney, C. B. Co.
 Macintosh, Roderick Donald . . . Militia Point, Inv. Co.
 MacIntyre, Jessie Helen Halifax.
 McKay, Ethel Isabel New Glasgow, Pic. Co.
 MacKay, Esther Elizabeth Halifax.
 MacKay, Ewart Washington
 Brooks Lorne Valley, P. E. I.
 MacKay, John Edward Glace Bay, C. B. Co.
 MacKay, Margaret Elizabeth . . . New Glasgow, Pic. Co.
 MacKay, Mary Hilton Halifax.
 MacKay, Malcolm Ross Halifax.
 McKean, Amy Gertrude Halifax.
 McKenna, Olive Snyder Sussex, N. B.
 MacKenzie, Charles Fogo Halifax.
 MacKenzie, Lillian Vevene Truro, Col. Co.
 MacKenzie, Nettie Margaret,
 B. A. Elmsdale, Hants Co.
 MacKenzie, Sarah Muriel Glace Bay, C. B. Co.
 MacKinnon, Alice Catherine . . . East Side Lake Ainslie, Inv. Co.
 MacKinnon, Archibald Daniel . . . Kirkwood, Inv. Co.
 MacKinnon, Clarence Gordon . . . Halifax.
 MacKinnon, Florence Elder Sydney, C. B. Co.

MacKinnon, Jessie May	Sydney, C. B. Co.
MacKinnon, John Finlay	Newport, Hants Co.
Mackinnon, Marjorie	Halifax.
MacLean, Alexander Frank	Hoepwell, Pic. Co.
MacLean, John Raymond	Stellarton, Pic. Co.
MacLean, Roderick	Inverness.
MacLennan, Charles Gilmore	Brookfield, Col. Co.
MacLennan, Frances Annie Stewart	Halifax.
MacLeod, Annie Mae	Sydney, C. B. Co.
MacLeod, Ellis Maxwell	Sydney, C. B. Co.
Macleod, Graham	Halifax.
McLeod, John Pius	New Waterford, C. B. Co.
MacLeod, Margaret	Halifax.
McLeod, Margaret	Framboise, Rich. Co.
McLeod, Neil Alexander	South St. Ann's, Vic. Co.
MacLeod, Roderick Henry	New Glasgow, Pic. Co.
MacLeod, Roger Stanley	Port Morien, C. B. Co.
MacLeod, Sophie	Framboise, Rich. Co.
McLeod, William Arthur	Sydney, C. B. Co.
McMann, Isabel Maud	Halifax.
MacMillan, Malcolm Alexander	MacAulay's, Big Baddeck, Vic. Co.
MacMullen, Florence Rathbone	Truro, Col. Co.
Macneill, Edith Isabel	Halifax.
MacOdrum, Charles Gordon	Halifax.
MacOdrum, William Boyd	Mineral Rock, C. B. Co.
MacPhail, Bertha Helen	Dartmouth.
MacQuarrie, Gladys Maude	Dartmouth.
MacQuarrie, John Thomas	Westville, Pic. Co.
MacQuarrie, William Lamond	Sydney Mines, C. B. Co.
McQuinn, John Alexander	Halifax.
MacRae, Florence Marie	Truro, Col. Co.
MacRae, Jean Creelman	Halifax.
MacRitchie, Fridtjof Charles Eugene	Glance Bay, C. B. Co.
Mader, Antony Ivan	Halifax.
Madill, Irene Logan	Milford, Hants Co.
Mahoney, Daniel Joseph	New Glasgow, Pic. Co.
Malone, Frederick Hart	Antigua, B. W. I.
Marshall, Avis Hunter	Halifax.
Marshall, Mary Bell	Digby.
Mason, Edith Mabel, B.A. (Kings)	Cadboro Bay, Victoria, B. C.
Matheson, John Hegan Parks	New Glasgow, Pic. Co.
Maxwell, Elsie Everding	Halifax.
Meaney, Daniel Ignatius	St. John's, Newfoundland.
Meikle, James Edward Myron	Sydney, C. B. Co.
Messenger, Frances Jean	Bridgetown, Ann. Co.
Millar, James Purves	Halifax.
Miller, George Willard	Windsor Junction, Hfx. Co.
Miller, Leonard Albert	St. John's, Newfoundland.
Mills, Gertrude Evelyn	Halifax.
Milner, Mary Frances	Amherst, Cumb. Co.
Mingie, Grace Edna	Truro, Col. Co.
Mitchell, James Evelyn	Halifax.
Mitton, Henry Wallace	Moncton, N. B.
Moore, Cyrus Bertram	Union Road, P. E. I.
Moran, William Gregor	Truro, Col. Co.

Morris, Edith Vera	Halifax.
Morrison, Clarence Norman	Halifax.
Morrison, John Ian	Ness, Stornoway, Scotland.
Morrison, Murdoch Bethune	Hillside, Boulardarie, Vic. Co.
Morrison, Thomas James	Point Tupper, Rich. Co.
Morrissey, Harriet Letitia	Parrsboro, Cumb. Co.
Morton, Arthur Blenus	Halifax.
Morton, Elizabeth Homer	St. John, N. B.
Morton, Herbert Creighton	Halifax.
Morton, Harry Stafford	Halifax.
Morton, John MacLeod	Halifax.
Morton, Nyren Silver	St. John, N. B.
Morton, Rita Lillian	Halifax.
Mosher, Clyde Sinclair	Halifax.
Mosher, Marjorie Alice	Halifax.
Mowat, Eldred Algar	Campbellton, N. B.
Munro, Andrew Thompson	Westville, Pic. Co.
Murphy, Arthur Lister	Halifax.
Murphy, Louis Frederick Joseph	Halifax.
Murray, Clara Fraser	New Glasgow, Pic. Co.
Murray, Donald Hunt	Dartmouth.
Murray, Evan Daniel	Meadowville, Pic. Co.
Newcombe, Avery Franklin	Canning, King's Co.
Nickerson, John Lester	Halifax.
Norton, Robert Homer	Cardigan, P. E. I.
O'Connor, Helen Agusta	Halifax.
O'Connor, Mary Juanita	Halifax.
Oldfield, Stuart King	St. John's, Newfoundland.
Olmstead, Gerald Edmund	Grand Falls, N. B.
Ormond, William Gerald	Amherst, Cumb. Co.
Orr, Robert Joseph	Port Morien, C. B. Co.
Osborne, Kenneth Ruddick	Gagetown, N. B.
Outhit, William Daniel	Kentville, King's Co.
Page, Frank Crawford	Halifax.
Paige, Emelyn	Halifax.
Parker, Charlotte Edna	Halifax.
Parks, Carl Hector	Halifax.
Patrick, Errol Eric	Couva, Trinidad, B. W. I.
Pearson, Hazel Reading	Halifax.
Peters, Warren Haliburton	Glace Bay, C. B. Co.
Pethick, Elizabeth	Dartmouth.
Peveril, Helen Isabel	Roxbury, Mass.
Phillips, Robert Cecil	Truro, Col. Co.
Pierce, Edward Gordon	Kingston, King's Co.
Piercey, Reginald Matheson	Halifax.
Piers, Edward Stanyan Fairbanks	Halifax.
Pitt, Bertrand Joseph Spencer	St. George's, Grenada, B.W.I.
Pollett, Harry Garland	Sydney, C. B. Co.
Power, Frances Charlotte Aileen	Halifax.
Price, Aubrey Farnham	Bridgetown, Ann. Co.
Priest, John Ernest	Pictou.
Pringle, George Hugh	Pictou.
Proctor, Winston Edward	Halifax.

- Profitt, Samuel Bernard Freetown, P. E. I.
 Publicover, Chas. Warren Hutch-
 inson Lunenburg.
 Pyke, Harold Douglas Lunenburg.
- Rankine, Louise Jean Halifax.
 Rankin, Murray McGregor Halifax.
 Read, Catherine Eunice Truro, Col. Co.
 Redmond, Gerald John Halifax.
 Resnick, Rhoda Saultman Halifax.
 Richardson, Andrew Love Westville, Pic. Co.
 Richardson, William Ackley Westville, Pic. Co.
 Robb, Marion Dennis Bedford, Hfx. Co.
 Robb, Robert Cumming New Glasgow, Pic. Co.
 Roberts, Ina Harriet St. John, N. B.
 Robertson, Annabel Fraser New Glasgow, Pic. Co.
 Robertson, Alex. Wilfred Arthur Halifax.
 Robertson, Everett Chester Pownal, P. E. I.
 Robertson, Thomas Archibald Fox Harbour, Cumb. Co.
 Rodgerson, Helen Stewart Hunter River, P. E. I.
 Rogers, Evelyn Frances Hyslop Halifax.
 Roper, Charles Parsons Halifax.
 Rosenblum, Moses Charles Glace Bay, C. B. Co.
 Ross, Arthur Wylie Sydney, C. B. Co.
 Ross, Frank Douglass Dartmouth.
 Ross, Hugh Daniel Westville, Pic. Co.
 Ross, Jean MacKay Halifax.
 Ross, Marguerite Bessie Dartmouth.
 Ross, Robert Fail Sydney, C. B. Co.
 Ross, Redvers Roberts Meadowville, Pic. Co.
 Russell, Allison Elliot Dartmouth.
- Sandford, Harold Killam Halifax.
 Sandford, Louise Winifred, B.A. Halifax.
 Sangster, Arthur Herbert Windsor, Hants Co.
 Schaffner, Eleanor Muriel Halifax.
 Schon, Marian Halifax.
 Schwartz, James Albert Edward Halifax.
 Scott, Robert Hamilton Bathurst, N. B.
 Seaman, Bessie Margaret Charlottetown, P. E. I.
 Seary, Victor Perrin Yarmouth.
 Sedgewick, Chas. Hill Wallace Middle Musquod boit, Hfx. Co.
 Sedgwick, Florence Middleton New Glasgow, Pic. Co.
 Sexton, Whitney Gustus Halifax.
 Shatford, Winton William Halifax.
 Shaw, Jean Alexandra Halifax.
 Shaw, Isabel Murray, B. A. Halifax.
 Shaw, John Fraser Halifax.
 Sheffman, Samuel St. John's, Newfoundland.
 Sister Marie Clotilde Halifax.
 Sister Agnes Gertrude Halifax.
 Skinner, John Roderick Westville, Pic. Co.
 Smith, Beatrice Margaret Amherst, Cumb. Co.
 Smith, Donald Ridd St. John, N. B.
 Smith, Gerald Augustine Halifax.
 Smith, Jeanette Halifax.
 Snow, William Alton Digby.

Spencer, Clarence MacLeod	Port Morien, C. B. Co.
Sperry, Clyde Winston	Petite Riviere, Lun. Co.
Sproull, Alice Jessie	Pictou Landing, Pic. Co.
Stairs, Henry Gerald	Halifax.
Staples, Cecil John	Nashwaaksis, N. B.
Steeves, Hubert Waldo	Moncton, N. B.
Stephens, Doris Mitchell	Tenecape, Hants Co.
Stephens, Eileen Gorden	Tenecape, Hants Co.
Stevenson, Charles Stuart	St. John, N. B.
Stirling, Lilla May Elderkin	Brookfield, Col. Co.
Sutherland, Chester Roland	Pictou.
Sutherland, Edith Margaret	Pictou.
Sutherland, James William	Malagash, Cumb. Co.
Swan, Waldo Henry	Harvey Station, N. B.
Swetman, Margaret Esther	Moncton, N. B.
Tanner, Charles James	East Dover, Hfx. Co.
Theriault, Edward Joseph	Grosses Coques, Dig. Co.
Thompson, Allen Sutherland	North Sydney, C. B. Co.
Thomson, Archibald Blanchard	Kentville, Kings Co.
Thompson, Etta	Bellevue, P. E. I.
Thompson, Marion Isabel	Halifax.
Thurber, James Lennox	Millerton, N. B.
Torey, Pauline Evelyn	Halifax.
Travis, Charles Lockhart	Halifax.
Troop, Minna Henry	Halifax.
Tupper, Bordon Roger	Bridgetown, Ann. Co.
Turnbull, Hugh Hatheway	Rothesay, N. B.
Vail, Pansy Beatrice	Halifax.
Vickerson, Harry James	Montague, P. E. I.
Vickery, Katherine Starr	Yarmouth.
Wallace, Grace	Halifax.
Webber, Jean Church	Halifax.
Webster, Helen Elizabeth	Halifax.
White, Edward Lyons	Shediac, N. B.
White, Harry Leslie	New Glasgow, Pic. Co.
White, Louis Edward	Halifax.
Wickwire, Helen Lovitt	Kentville, King's Co.
Wickwire, William Nathan	Kentville, King's Co.
Wiles, Roy McKeen	Truro, Col. Co.
Williams, Marion Elizabeth	Port Hawkesbury, Inv. Co.
Williams, Reginald Dunbar	Charlottetown, P. E. I.
Williams, Richard Massey	Halifax.
Wilson, Anna Margaret	St. John's, Newfoundland.
Wilson, Harold Arthur	Dartmouth.
Wilson, Harold Sowerley	Campbellton, N. B.
Wilson, Helen Louise	Halifax.
Wilson, Roy Charles	Sydney, C. B. Co.
Winfield, Freda	Bedford, Hfx. Co.
Winfield, Gordon Abbott	Bedford, Hfx. Co.
Wood, Walter Augustus	River Hebert, Cumb. Co.
Woodill, Ray Bert	Sydney, C. B. Co.
Wright, Clyde Windsor	Halifax.
Wyman, Harold Robertson	Yarmouth.

Young, Pearl Gertrude	Pictou.
Yuill, Arthur Dunbrack	Truro, Col. Co.
Zwerling, Myer Edward	Halifax.
Zwicker, Bertram Henry Crawford	Bridgewater, Lun. Co.

ENROLLED IN KING'S COLLEGE

Alexander, John James	Campobello Island, N. B.
Anderson, Muriel Grace Alex- ander	South Side Baddeck, Vic. Co.
Blackall, Gladys Elizabeth	St. John's, Newfoundland.
Byron, John Ingram	St. Andrew's, N. B.
Card, Vivian Ruth	Windsor, Hants Co.
Cavicchi, Elena Geneva	Boutillier's Point, Hfx. Co.
Coffill, Annie Ethel	Hantsport, Hants Co.
Coleman, Arthur Edmund	Dalhousie, N. B.
Coleman, Thomas Jones	St. Stephen, N. B.
Cooper, Douglas LeBaron Peters	Sydney, C. B. Co.
Corkum, Helen Alberta	Italy Cross, Lun. Co.
Corkum, Nellie Viola	Italy Cross, Lun. Co.
Curry, Sarah Beamish	Falmouth, Hants Co.
Davison, Henry Francis	Bridgewater, Lun. Co.
Deathe, Ernest William	Fairview, Hfx. Co.
Dike, George Dykes	Lower Montague, P. E. I.
Dill, Allan Frederick	Windsor, Hants Co.
Dominey, Margaret Milner Eliz- abeth	Amherst, Cumb. Co.
DuVernet, Geoffrey Sherman	Digby.
Ernst, George Albert	Mahone Bay, Lun. Co.
Feilding, Charles Rudolph	Halifax.
Hanson, Ralph Ellis	Falmouth, Hants Co.
Hudson, Julian Elliott	Glace Bay, C. B. Co.
Jackson, Frederick Lester	Glace Bay, C. B. Co.
Jakeman, Wm. Douglas Low	Halifax.
Jones, Clarence William	Shenectady, N. Y., U. S. A.
Jones, Harold Boardman	Shenectady, N. Y., U. S. A.
Keble, Francis John	Lichfield, England.
Knickle, Harry James	Blue Rocks, Lun. Co.
McClearn, John Davison	Liverpool, Queen's Co.
McCormick, Ethel Gertrude	Annapolis Royal.
Magee, Dorothy Frances Trites	Petitcodiac, N. B.
Marshall, Caryl Grace	Windsor, Hants Co.
Mooers, Clarence Le Roi	Woodstock, N. B.
Morrison, Gilbert	Canso, Guys. Co.
Mosher, Leonard Weldon	Dartmouth.
Nelson, Ernest Albert	Kingston, King's Co.
Norwood, Robert Edmund	Overbrook, Philadelphia, Penn.
Perry, Foye	Hantsport, Hants Co.
Reeks, William Henry	Round Hill, Ann. Co.
Ripley, Burton Freeman	Fairview, Hfx. Co.
Ross, Florence Maria Louise	Newport, Hants Co.
Ross, Henry Beates	Halifax.
Smith, Harris Carleton	Windsor, Hants Co.
Teed, Mariner Gerald	St. John, N. B.
Thompson, Edna Starr	Halifax.

Thompson, Evan Alexander.....	Halifax.
Towers, Donald Robert.....	St. Stephen, N. B.
White, Charles deWolfe.....	Summerside, P. E. I.
White, Nathanael Whitworth.....	Summerside, P. E. I.
Woolaver, Cecil Graham.....	Walton, Hants Co.

Registered for Examination Only.

Bond, Marion, B. A. (St. F. X.).....	Halifax.
Buffett, Lawrence Llewelyn.....	Sydney, C. B. Co.
Burns, Mary Eileen, B. A.....	Halifax.
Chisholm, Ellen Mary, B. A.....	Halifax.
Colquhoun, Alfred Clifton.....	Halifax.
Crease, Charles Edward.....	Amherst, Cumb. Co.
Dunlop, Jean Katherine Grace, B. A.....	Halifax.
Dunn, George Chester.....	Sydney, C. B. Co.
Duxbury, Frank Raymond.....	Halifax.
Fraser, Marjorie Dell.....	Shubenacadie, Hants Co.
James, Clara Alice, B. A.....	Halifax.
MacNutt, Roy Douglas, B.A., LL.B.	Truro, Col. Co.
Moriarty, Jean Olive, B. A.....	Halifax.
Ritchie, Charles Stewart Almon.....	Halifax.
Sinclair, Donald Maclean, B.A.....	Hopewell, Pic. Co.
Smith, Deborah Drusilla.....	Halifax.
Sutherland, Donald Thatcher.....	Trenton, Pic. Co.

FACULTY OF LAW.**Third Year.**

Barnhill, Isaac Logan.....	Truro, Col. Co.
Colquhoun, David Cameron, B.A.....	Halifax.
Flinn, Richard Jeffrey.....	Halifax.
Fogo, James Gordon.....	Sydney, C. B. Co.
Graham, James Edmund.....	Truro, Col. Co.
Kennedy, Russell William.....	Centreville, N. B.
McEvoy, Vincent Joseph.....	Newcastle, N. B.
McKenna, Roe Joseph, B. A., (St. F. X.).....	Bathurst, N. B.
Mackinnon, Alastair George, B.A.....	Halifax.
MacLeod, Charles Malcolm.....	Amherst, Cumb. Co.
McLeod, Neil Alexander.....	South St. Ann's, Vic. Co.
Maddin, Mary Olive, B. A.....	Sydney, C. B. Co.
Matheson, Alexander MacKenzie.....	Meadowville, Pic. Co.
Milner, Alfred Creelman.....	Amherst, Cumb. Co.
Parlee, Percy Leverett, B. A. (King's).....	Stewiacke, Col. Co.
Read, Horace Emmerson, B. A. (Acad.).....	Amherst, Cumb. Co.
Shaw, Ralph Herbert.....	Mount Denson, Hants Co.
Trabulsee, Anthony, B. A., (St. F. X.).....	Glance Bay, C. B. Co.

Second Year.

Adams, Douglas Freeman; B. A. (King's).....	Lunenburg.
Barry, Paul Rossiter Hayes.....	Fredericton, N. B.

Students

- Bethune, Carl Palm, B. A. Halifax.
 Blanchard, Norman Dexter, B. A.
 (King's) Windsor, Hants Co.
 Borden, Henry, B. A. (McGill) . . . Grand Pre, King's Co.
 Chew, Johnston, B. A. Dominion No. 6, Donkin, C. B.
 Co.
 Compton, Thomas Charles Lowell
 M. A., (King's) Summerside, P. E. I.
 Fraser, Leonard William, B. A. . . . New Glasgow, Pic. Co.
 Friel, Henry Craig, B. A. Moncton, N. B.
 Glube, Howard Charles, B. A. . . . Halifax.
 Gunn, William Alexander Doug-
 las, M. A. Sydney, C. B. Co.
 Gushue, Raymond St. John's, Newfoundland.
 Hickey, Parker Thomas, B. A. . . . Halifax.
 Kerr, Roderick, B. A. Louisburg, C. B. Co.
 Morrison, Geo. MacKay, B. A. . . . Sydney, C. B. Co.
 Moseley, William Everett, B. A. . . Dartmouth.
 Pearson, Vernon Lamont, B. A.
 (Acad.) Melvern Square, Ann. Co.
 Snodgrass, Russell Leigh, B. A.
 (U. N. B.) Young's Cove, N. B.
 Wambolt, Marjorie Grace, B. A. . . Halifax.

First Year.

- Bissett, Clarence Norton Windsor, Hants Co.
 Bissett, Frederick Wm. Manifold . . Halifax.
 Byrne, Ross James Dartmouth.
 Coughlan, Cyril Richard St. John, N. B.
 Graham, Gordon Mitchell New Glasgow, Pic. Co.
 Hull, Arthur Ross Glace Bay, C. B. Co.
 Lewis, Philip Joseph St. Peter's, Rich. Co.
 Macdonald, Arthur Ferguson Pictou.
 McInnes, Donald Halifax.
 Mills, Gertrude Evelyn Halifax.
 Morton, Arthur Blenus Halifax.
 Parks, Carl Hector Halifax.
 Proctor, Winston Edward Church-
 hill Halifax.
 Ross, John Gordon Yarmouth.
 Russell, Allison Elliot Dartmouth.
 Wickwire, Harry Partlow Kentville, King's Co.
 Wilson, Roy Charles Sydney, C. B. Co.

Special Students.

- Campbell, James Oliver Clair . . . Summerside, P. E. I.
 Dickey, Horace Blair Kentville, King's Co.
 Graburn, William Nelson Calgary, Alberta.
 Kyte, George Val St. Peter's, Rich. Co.
 Linton, May Evelyn Halifax.
 McIntyre, Mary Montague, P. E. I.
 Peters, Warren Haliburton Glace Bay, C. B. Co.
 Pitt, Bertrand Joseph Spencer . . . Grenada, B. W. I.
 Rosenblum, Moses Charles Glace Bay, C. B. Co.

Students

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Slipp, Arthur Lawrence Fredericton, N. B.
Stewart, Roma Charlottetown, P. E. I.
Watchorn, Hubert Jakes Calgary, Alberta.
West, Marshall d'Avray Fredericton, N. B.

Registered for Examination only.

Ferguson, Hugh McKay Truro, Col. Co.
Harris, Clyde Vinecove, B. A. Halifax.
MacAskill, Charles Bannington Baddeck, Vic. Co.
Richardson, Claude Sartoris, M.
A. (Acad.) Sydney, C. B. Co.

FACULTY OF MEDICINE.

Fifth Year (Five Year Course).

Britton, Edgar Murray Elmsdale, Hants Co.
Brown, John Forbes Trenton, Pic. Co.
Cameron, William John West Bay, Inv. Co.
Campbell, Clarence Gordon, B.A. Halifax.
Carroll, James Joseph Halifax.
Chase, Lalia Barclay, B.A.(Acad.) Wolfville, King's Co.
Colwell, William Gerard Halifax.
Creighton, Howard Alexander, B.
A. Halifax.
Davies, Edward Ross Salt Springs, Pic. Co.
Davis, Joseph Wilfrid Bridgewater, Lun. Co.
De Wolfe, Henry Mitchell Yarmouth.
Grant, Roderick William Wolfville, King's Co.
Henderson, Randolph Richard Mahaica, British Guiana, S. A.
Kenney, Robert Wallace Halifax.
Leslie, George Lawrence Spry Bay, Hfx. Co.
McLean, John Archibald, B. A. Glace Bay, C. B. Co.
MacLean, Thomas Walter Springville, Pic. Co.
MacMillan, Charles William Dartmouth.
Marshall, Clyde Slocomb Halifax.
Martin, Agnus Bruce Grand View, P. E. I.
Milne, John Andrew Woodburn, Pic. Co.
Moore, Fred Laurence Economy Point, Col. Co.
Murchison, James Randolph Clyde River, P. E. I.
Poirier, Wilfrid Gordon Joseph Glace Bay, C. B. Co.
Poppstone, Charles Burton Toronto, Ont.
Reid, Henry Douglas Shubenacadie, Hants Co.
Shaffner, Geoffrey Chipman Halifax.
Thorne, Alice Evelyn Lower Granville, Ann. Co.
Zinck, Lincoln Martin Chester, Lun. Co.

Fourth Year (Five Year Course).

Archibald, Robert Edmund New Town, Guys. Co.
Baxter, Charles Richard Truro, Col. Co.
Bond, Roberta, B. A. Halifax.
Bruce, Gordon Murphy Shelburne.
Burns, Gerald Ross Halifax.

Cameron, William Ross.....	Halifax.
Chisholm, Alexander Roy.....	Halifax.
Creelman, Prescott Archibald....	Glendyer, Inv. Co.
Doiron, Linus Francis.....	Pomquet, Ant. Co.
Douglass, Peter Gerald.....	Halifax.
Fields, Dudley Arthur Augustus	Princes' Town, Trinidad, B.W.I.
Fultz, William Edmund.....	Halifax.
Gass, Roydon Simpson.....	New Glasgow, Pic. Co.
Glenister, Ernest Ireson.....	Halifax.
Goldberg, Simon Noah.....	New York, N. Y., U. S. A.
Gouthro, Alexander Campbell....	Little Bras d'Or Bridge, C.B.Co.
Grant, James Edward.....	Eureka, Pic. Co.
Guild, Cameron St. Clair.....	Musquodoboit Harbour, Hfx.Co.
Haslam, Herbert deMontfort....	Overbrook, Penn., U. S. A.
Hayden, Ansell Ross Constantine.	St. Andrew's, Jamaica, B. W. I.
Hayes, Kenneth Paul Joseph,B.A.	Halifax.
Herbin, Charles Abram.....	Arichat, Rich. Co.
Keating, Walter Joseph.....	Halifax.
Kirkpatrick, Lemuel Lester.....	Wirral, N. B.
Knox, Perry McGregor.....	Pinehurst, Lun. Co.
Laurence, John Gordon.....	Margaree Harbour, Inv. Co.
MacDonald, William James.....	Truro, Col. Co.
MacKay, Hugh Fraser.....	New Glasgow, Pic. Co.
MacLeod, Frank John.....	South St. Ann's, Vic. Co.
MacLeod, Robert Hugh.....	Westville, Pic. Co.
Macpherson, Lachlan.....	St. John's, Newfoundland.
Marcus, Samuel.....	Sydney Mines, C. B. Co.
Melanson, Herbert Joseph.....	Corberrie, Dig. Co.
Miller, Ralph Thompson.....	Elmsdale, Hants Co.
Moriarty, Clence Francis.....	Halifax.
Morrison, Lewis Nelson.....	Halifax.
Morton, Allan Reid.....	Halifax.
Muir, Everett Barcay.....	Eureka, Pic. Co.
Murray, Anna Margaret.....	Meadowville, Pic. Co.
Ratchford, Harold Andrew.....	North Sydney, C. B. Co.
Siddall, Alvin Matthew.....	Southampton, Cumb. Co.
Smith, George William.....	Merigomish, Pic. Co.
Sutherland, Donald Roderick....	Malagash, Cumb. Co.
Sutherland, David Stockley.....	River John, Pic. Co.
Sutherland, Ira Reginald.....	Pictou.
Webster, Donald Robertson,B.A.	Pictou.
Wilson, Alpheus Marshall.....	Barrington, Shelb. Co.
Wynter, Luther Reginald.....	Buff Bay, Jamaica, B. W. I.
Young, Sebastian Paul.....	Curling, Newfoundland.

Fourth Year (Six Year Course).

Bates, John Fabian,B.A.(St.F.X.)	Sydney, C. B. Co.
Drysdale, Cyril Ellis.....	Halifax.
Forbes, George Ronald, B. Sc....	Halifax.
Goldenberg, Jacob Joseph.....	Hartford, Conn., U. S. A.
Homans, Charles Onslow.....	Port Mouton, Queen's Co.
Kelley, Hugh Edgar, B. Sc.....	Yarmouth.
Little, Perley Rettie.....	Belmont, Col. Co.
MacLatchy, Robert Fraser.....	Halifax.
Morton, Silvanus Archibald,B.A.	Halifax.

Students.

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Pierce, Harry Hammond..... Cornwall, P. E. I.
 Reid, James William..... Windsor, Hants Co.

Third Year.

Archibald, Robert Brian..... Centre Musquodoboit, Hfx. Co.
 Baird, Harold Emerton..... Chipman, N. B.
 Bennett, Raymond Edward..... St. John's, Newfoundland.
 Cameron, Edwin..... Inverness.
 Chisholm, Donald Raymond..... Halifax.
 Gilchrist, William Sidney..... Pictou.
 Hamilton, John MacKay..... Truro, Col. Co.
 Hatfield, George Murray Lewis..... Yarmouth.
 Irving, Marion Robertson..... Buctouche, N. B.
 Kirkpatrick, Thomas Alexander..... Wirral, N. B.
 McQuade, Edwin L..... St. John, N. B.
 Mader, Antony Ivan..... Halifax.
 Mader, Eva Waddell..... Halifax.
 Murray, George Patterson..... Mabou, Inv. Co.
 Oake, Chesley Maxwell..... Toronto, Ont.
 O'Brien, Harry Dow..... Halifax.
 Pentz, Walter Henry..... Halifax.
 Robertson, Harold, B. A..... Halifax.
 Rogers, Evelyn Frances Hyslop..... Halifax.
 Scammell, Harold Lambert..... Pictou.
 Sutherland, James William..... Malagash, Cumb. Co.
 Wickwire, John Cox..... Milford Station, Hants Co.
 Wood, Daniel McLean..... Brookfield, P. E. I.

Second Year.

Ashkins, Joseph Isaiah..... Caledonia, Queen's Co.
 Coward, Norman Barrie..... Truro, Col. Co.
 Crichlow, Felix Augustus..... San Fernando, Trinidad, B.W.I.
 Doull, Arthur Ernest..... Halifax.
 Friel, Jack Edward..... Moncton, N. B.
 Hebb, Frank Johnson..... Halifax.
 Hewat, William Auchmuty..... Halifax.
 Hicks, Sadie Augusta..... Bridgetown, Ann. Co.
 Kieley, James Powell..... Halifax.
 Macdonald, Ian Gibbs..... Sydney, C. B. Co.
 MacKay, Margaret Elizabeth..... New Glasgow, Pic. Co.
 MacKay, Robert William Murray..... West Branch, River John, Pic. Co.
 MacLean, Hugh MacKay..... Truro, Col. Co.
 MacLeod, Alexander John..... Eel Cove, Vic. Co.
 MacMillan, Carleton Lamont..... Sydney, C. B. Co.
 MacMillan, Duncan..... Twin Rick Valley, Inv. Co.
 McNeil, Melvin Joachim..... Boulardarie West, C. B. Co.
 MacPhee, William Malcolm..... Commercial Cross, P. E. I.
 Merritt, John William..... Springhill, Cumb. Co.
 Morrison, Thomas James..... Point Tupper, Rich. Co.
 Morton, Harry Stafford..... Halifax.
 Munn, Charlotte..... Marshfield, P. E. I.
 Murchison, Alexander John..... Clyde River, P. E. I.
 Murray, Anna Isabel..... Barney's River, Pic. Co.
 Phinney, Willoughby Messenger..... Kentville, King's Co.

Students

Resnick, Rhoda Saultman	Halifax.
Shlossberg, Reuben Samuel	Sydney Mines, C. B. Co.
Soper, William Henry	Halifax.
Stewart, Ferdinand Ernest	Bluefields, Jamaica, B. W. I.
Thurrott, John Carruthers	Newcastle Bridge, N. B.
Toombs, John Garth	Mount Stewart, P. E. I.
Whitman, Herbert Burton	Dartmouth.
Winfield, Gordon Abbott	Bedford, Hfx. Co.

First Year.

Barrow, Felix FitzHerbert	Port of Spain, Trinidad, B.W.I.
Browne, Carman Crawford	Dartmouth.
Cavanagh, Charles Stewart	Westville, Pic. Co.
Chisholm, Frederick Russell	Truro, Col. Co.
Grant, Gordon Allison	Yarmouth.
Jenkins, Charles Louis	Charlottetown, P. E. I.
Johnston, David Cecil Kean	St. John's, Newfoundland.
MacEachen, Reginald Hugh	Egerton, Fic. Co.
Minshull, Fred Arthur	Bedford, Hfx. Co.
Mullahoo, Wilfred	Cou'ra, Trinidad, B. W. I.
Smith, James Austin	Alcorn, N. B.
Whittier, Marie Jean	Elmsdale, Hants Co.

Special Students.

Brennan, Mary Stevens	Halifax.
Little, Alfred West	Halifax.

Registered for Examination Only.

Baylin, Felix Ralph	Sydney, C. B. Co.
Cole, John William	Chester, Lun. Co.
Lawrence, Wilberg Egbert Chauncey	Georgetown, Demerara, B. G.
Oxley, Philip Lloyd	Halifax.

FACULTY OF DENTISTRY.**Fourth Year.**

Anthony, Allison Bordon	Halifax.
Clifford, Vincent Foster	Little Bras d'Or, C. B. Co.
Dalgleish, Ralph Reynolds	Bridgewater, Lun. Co.
Dexter, Carl Roberts	Truro, Col. Co.
Forbes, Roberta McKenzie	Springhill, Cumb. Co.
Fraser, Harold Rose	Trenton, Pic. Co.
Harlow, Walter Elton	North Brookfield, Queen's Co.
Heal, Herbert Newton	Liverpool, Queen's Co.
Langille, Ralph Meredith	Truro, Col. Co.
Logan, Guy Murray	New Glasgow, Pic. Co.
MacDougall, George Gregory	Moncton, N. B.
MacIntosh, Charles Edward	New Glasgow, Pic. Co.
Magee, Mabel Angela St. John	St. John, N. B.

Shaffner, Barrie	Halifax.
Somers, Stuart Minto	Shediac, N. B.
Sutherland, Archibald McKay	Fraser's Mountain, Pic. Co.
Trainer, John Clifford	Kinkora, P. E. I.
Turnbull, Guy Victor	Digby.

Third Year.

Browne, Courtney Tremaine	Dartmouth.
Dawson, Willis Gordon	Eureka, Pic. Co.
Dunlop, Allan Archibald	Halifax.
Green, David Earle	New Glasgow, Pic. Co.
Hennigar, Ralph Emerson	Chester, Lun. Co.
Johnston, Louis Archibald	Montague, P. E. I.
Lavers, Beverly de Wolfe	New Ross, Lun. Co.
Lewis, Thomas Hugh	Moncton, N. B.
Losada, Norman Augustine	Moure Basseterre, St. Kitts, B. W. I.
McDonald, Daniel Lauchlin	Antigonish.
Macdonald, George Sanford	Sydney, C. B. Co.
Nicholson, Matthew Heslop	Springhill Mines, Cumb. Co.
Stanford, Robert Harold	Dartmouth.
Willigar, Mark Wylie Gibbons	Parrsboro, Cumb. Co.

Second Year.

Barrett, Raymond Henry	North River, P. E. I.
Callbeck, Lea Muttart	North Tryon, P. E. I.
Dobson, John William	Halifax.
Eaton, Hugh Macdoanld	Truro, Col. Co.
Haverstock, Albert Borden	Halifax.
Israel, Leonard Gordon	Sydney, C. B. Co.
Konin, George Ronald	Sydney, C. B. Co.
Waye, David Trevor	Charlottetown, P. E. I.

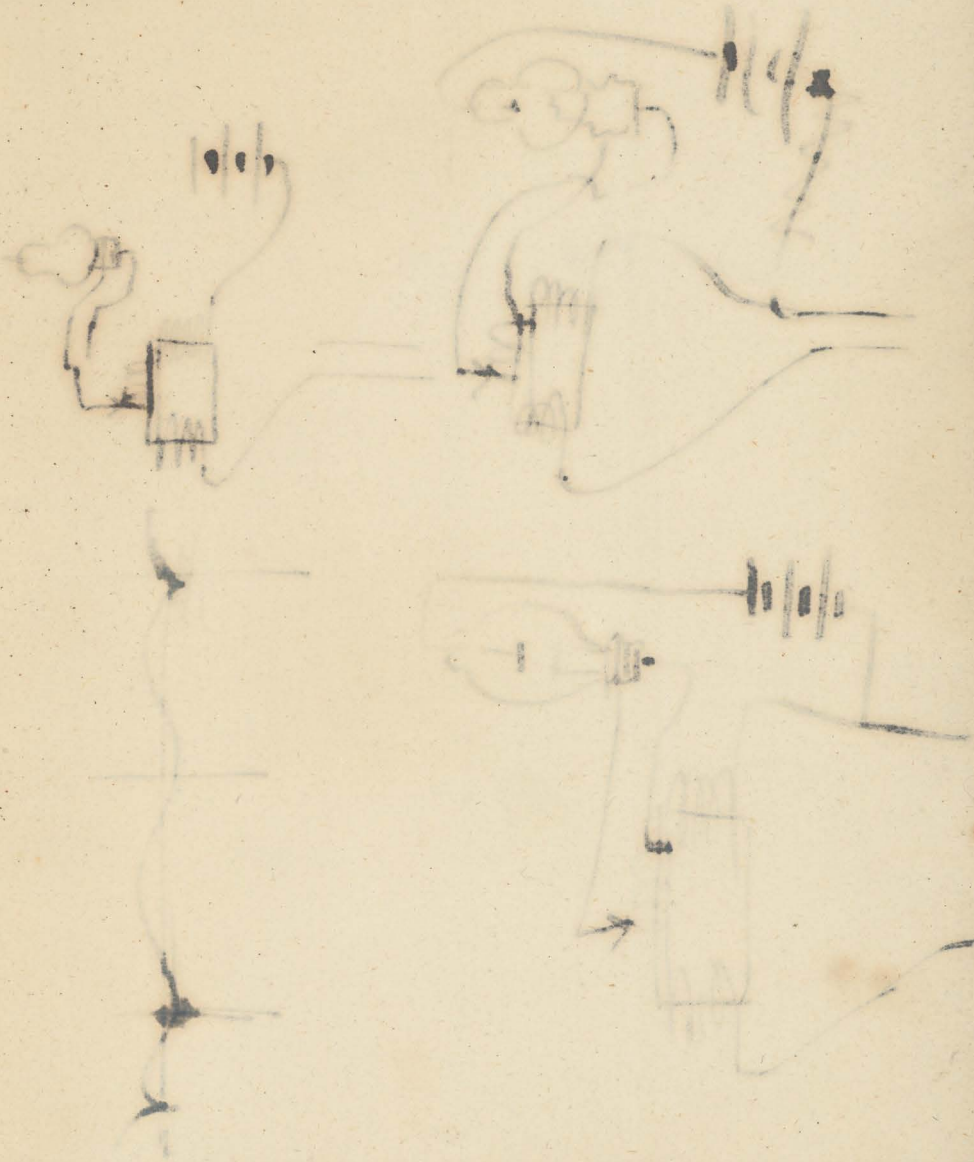
First Year.

Dewis, George Murray	Shubenacadie, Hants Co.
Gillespie, Leo Carroll	Parrsboro, Cumb. Co.
Giovannetti, Humbert Francis	Trepassey, Newfoundland.
Godsoe, Walter Henry	Halifax.
Hill, Douglas John	Halifax.
Matheson, Martin John	Valleyfield, P. E. I.
Mutch, James Wendell	Charlottetown, P. E. I.
Smith, Donald	Liverpool, Queen's Co.
Sproul, John Everett	Newcastle, N. B.
Tupper, James Aubrey	Bridgewater, Lun. Co.

Registered for Examination Only.

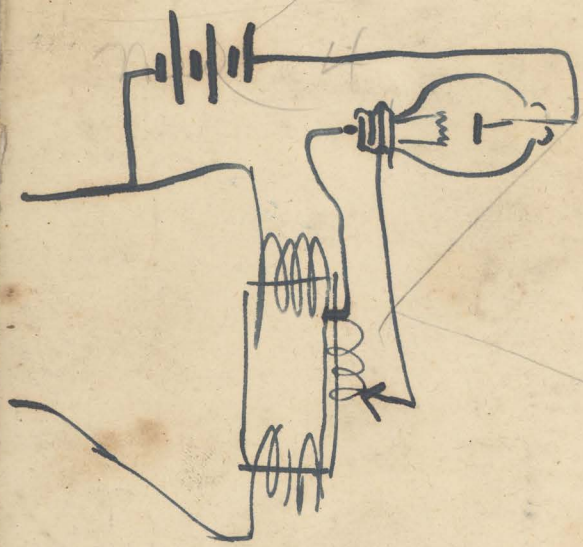
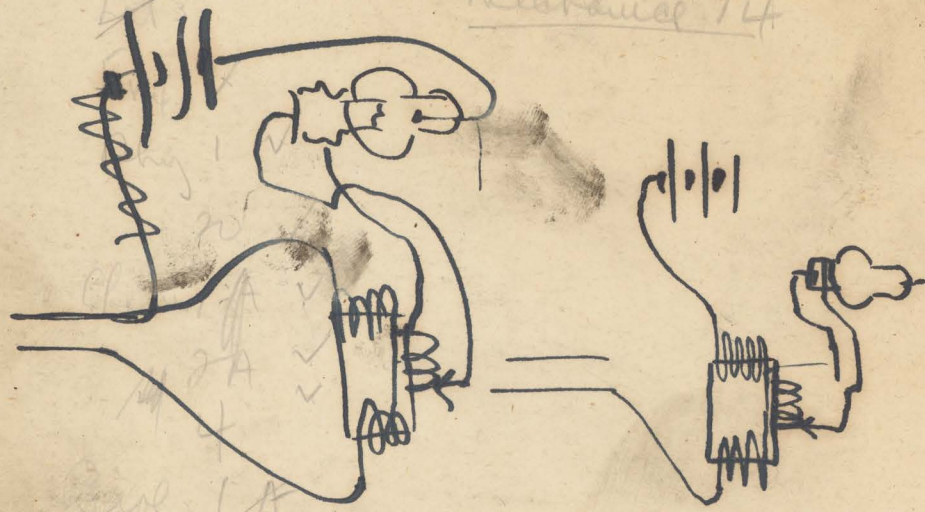
Dowell, Willard Charles	Elmsdale, Hants Co.
MacLeod, William David	Vernon, P. E. I.
MacMillan, Donald Reid	Fredericton, N. B.
Morris, Charles Henry	Newcastle, N. B.
Morrison, Clarence Willard	Sydney, C. B. Co.

100



Eng 20 ✓
 Lat 2 ✓
 Fr 2 ✓
 Hist ✓
 Phil ✓
 Fr 3 ✓
 Eng 3 ✓
 Lat

Calc
 Meth 7
Thermo 4
Mech Phys 10
Phys Chem
Mechanics 14

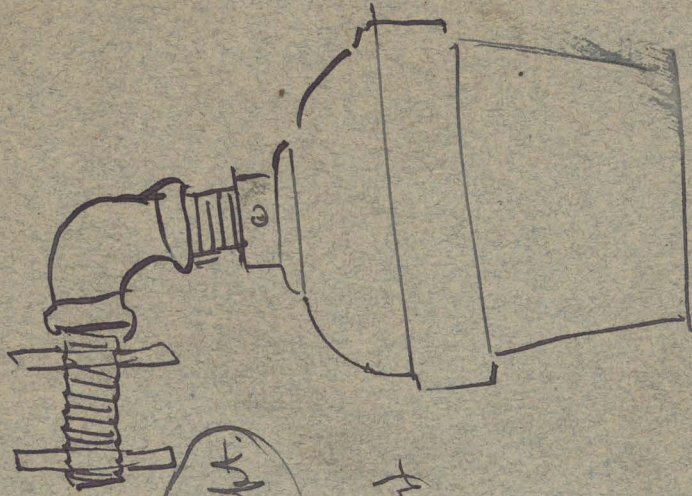


1 Sack:

5. Elbow. upper. and nut.

M. Clend. : coming back. Back
same. Puller. and. counter shaft.

One. H. d. meter. (Batt. Tester. gravity)



75 leather
40 screen
24 nuts washer
30 iron
100 rivet
50 Bra

1:4