

# Dalhousie University

HALIFAX, Nova Scotia



## CALENDAR

1937-1938

# LECTURE TIME TABLE—ARTS AND SCIENCE, 1937-1938.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9	French 2 (3) English 14 History 1 Econ. 5 Psych. 3 Educ. 2A Chem. 1 Chem. 5 Mech. 3	French 1 (1) French 2 (1) German 1A English 15 Econ. 6 Phil. 1 Educ. 4 A Physics 3 Chem. 6 Biol. 1 Biol. 14 Draw. 1 Com. 4	French 2 (3) English 14 History 1 Econ. 5 Psych. 3 Educ. 2B Chem. 1 Chem. 5 Mech. 2	French 1 (1) French 2 (1) German 1A English 15 Econ. 6 Phil. 1 Educ. 4 A Physics 3 Chem. 6 Biol. 1 Biol. 14 Draw. 1 Com. 4	French 2 (3) History 1 Educ. 3A Chem. 1 Chem. 7 Mech. 2	French 1 (1) French 2 (1) German 1A Phil. 1 Biol. 1 Biol. 6 Draw. 2
10	El. Greek French 2 (2) History 2 History 11 Psych. 2 Educ. 4 B Math. 1 (1) Math. 4 Physics 2 Chem. 4 Geol. 1 Com. 6	Latin 1 (1) Greek 1 German 1B History 8 Psych. 5 Educ. 4 A Math. 34 Physics 7 Survey. 1 Com. 5	French 2 (2) History 2 History 11 Psych. 2 Educ. 4 B Math. 1 (1) Math. 4 Physics 2 Chem. 4 Geol. 1 Com. 6	Latin 1 (1) Greek 1 German 1B History 8 Phil. 7 Psych. 5 Educ. 4 A Math. 34 Physics 7 Com. 5	El. Greek French 2 (2) History 2 History 11 Educ. 4 B Math. 1 (1) Physics 2 Chem. 2, 3 Geol. 1	Latin 1 (1) Greek 1 German 1B Phil. 7 Survey. 2 Com. 5
11	Latin 2 (1) Greek 2 English 13 History 20 Educ. 1 Math. 1 (2) Math. 2 Physics 1 Physics 6 Mech. 4 Com. 2	El. Latin Latin 2 (2) Latin 4 French 1 (2) Spanish 1 A English 5 Econ. 1 Phil. 3 Educ. 4 A Math. 1 (3) Math. 3	Latin 2 (1) Greek 2 English 13 History 20 Educ. 1 Math. 1 (2) Math. 2 Physics 1 Physics 6 Com. 2	El. Latin Latin 2 (2) Latin 4 French 1 (2) Spanish 1 A English 5 Econ. 1 Phil. 3 Educ. 4 A Math. 1 (3) Math. 3	Latin 2 (1) Greek 2 History 20 Educ. 1 Math. 1 (2) Math. 2 Physics 1 Mech. 5 Com. 2	El. Latin Latin 2 (2) French 1 (2) Spanish 1 A Econ. 1 Math. 1 (3)
12	Greek 4 English 1 English 2, 2E Sociol. 4 Pol. Sc. 2 Biol. 4 Com. 9	Greek 4 English 1 English 2, 2E Sociol. 4 Pol. Sc. 2 Physics 4 Biol. 4 Com. 9	Greek 4 English 1 English 2, 2E Sociol. 4 Pol. Sc. 2 Physics 4 Biol. 4 Com. 9	Greek 4 English 1 English 2, 2E Sociol. 4 Pol. Sc. 2 Physics 4 Biol. 4 Com. 9	English 1 English 2, 2E Pol. Sc. 2 Physics 4 Biol. 4	
2.30	German 2 History 6 Sociol. 1 Biol. 12	El. Greek History 5 Econ. 8 Sociol. 3 Biol. 2, 2A Com. 10	German 2 History 6 Sociol. 1 Phil. 8 Biol. 12	El. Greek History 5 Econ. 8 Sociol. 3 Biol. 2, 2A Draw. 3 Com. 10	German 2 German 3 Sociol. 1 Phil. 8 Educ. 3B Biol. 5	
3.30	Spanish 1 B Pol. Sc. 1 Fine Arts Com. 1	French 3 Econ. 4	Spanish 1 B Pol. Sc. 1 Phil. 2 Fine Arts Com. 1	French 3 Econ. 4	Spanish 1B Pol. Sc. 1 Phil. 2 Com. 1	
4.30	Spanish 2	French 5 Spanish 3 Bib. Lit.	Spanish 2	French 5 Spanish 3 Bib. Lit.	Spanish 2	



# Dalhousie University

HALIFAX, Nova Scotia



## CALENDAR

.1937-1938

UNIVERSITY OF CHICAGO

HALLAM

CALENDAR

1937-1938



IN THE YEAR OF OUR LORD 1820  
AND IN THE FIRST YEAR OF THE REIGN  
of His Sacred Majesty George the IV  
KING OF THE UNITED KINGDOM OF  
**GREAT BRITAIN & IRELAND**

*The Corner Stone of this College*  
DESIGNED FOR  
A PUBLIC SEMINARY  
*in which the Youth of this and other*  
**BRITISH PROVINCES** may be **EDUCATED** in the  
Various Branches of Literature, Science & Useful Arts  
WAS LAID

*By His Excellency Lieutenant General*  
The Right Honourable  
**GEORGE RAMSAY EARL OF DALHOUSIE**  
Baron Dalhousie of Dalhousie Castle  
Knight Grand Cross of the Most Honourable  
Military order of the Bath, CAPTAIN GENERAL  
and GOVERNOR in CHIEF in and over his Majesty's  
Provinces of **LOWER CANADA, UPPER CANADA,**  
**NOVA SCOTIA** and **NEW BRUNSWICK** and  
THE ISLANDS OF **PRINCE EDWARD & CAPE BRETON,**  
&c. &c. &c.

ACCOMPANIED BY  
*Rear Admiral Griffith & the Captains of His*  
**MAJESTY'S SQUADRON ON THE STATION, COLONEL GEORGE MACKIE**  
**COMMANDANT OF THE GARRISON, LIEUT. COLONEL GAUNTLETT**  
Commanding the **62<sup>nd</sup> REGIMENT** and the Field Officers of His  
Majesty's Forces in this GARRISON &c. &c. &c.

ALSO  
*John George Pyke Esq. Grand Master, the Grand*  
*Wardens, Officers & Brethren of the Respective Lodges*  
*of Freemasons in Halifax, MAY 22<sup>nd</sup>*

Facsimile of the Brass on the Corner Stone  
of the Original Dalhousie College.

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# University Almanac, 1937-1938.

1937.

- Aug. 16 S.—Last day for receiving applications\* for Fall Supplementary Examinations.
- Sept. 7 Tu.—Surveying Camp for students in Engineering begins.
- 14 Tu.—Session begins. Registration (and Payment of Fees) and Supplementary Examinations for students in Law, Medicine, Dentistry.
- 15 W.—Lectures begin, and last regular Registration††Day for such students.
- 18 S.—Noon. Registration for such students ends.
- 29 W.—Registration (and Payment of Fees) begins in Faculty of Arts and Science. The only regular registration day for NEW STUDENTS from Halifax and Dartmouth.
- 30 Th.—The only regular registration day for other NEW STUDENTS in Faculty of Arts and Science.
- Oct. 1 F.—Registration begins for other than new students in Faculty of Arts and Science.  
Special lectures begin for NEW STUDENTS in Faculty of Arts and Science.
- Sept. 23 Tu.—Matriculation (and Scholarship) and Supplementary Arts and Science Examinations†begin.  
—9.30—12.30 a. m., Latin; German.\*\*  
—2.30—5.30 p. m., English.
- 29 W.—9.30—12.30 a. m., French; Greek.\*\*  
—2.30—5.30 p. m., Physics.
- 30 Th.—9.30—12.30 a. m., Geometry.  
—2.30—5.30 p. m., Chemistry.
- Oct. 1 F.—9.30—12.30 a. m., Algebra.  
—2.30—5.30 p. m., Trigonometry; History.\*\*
- 2 S.—12 Noon. Regular Registration††Period for Students in Arts and Science ends. Halifax Students will not be registered on this day.  
Results of Matriculation and Supplementary Examinations declared.
- Oct. 4 M.—Registration for those students who have written Entrance or Supplementary Examinations.  
M.—9 a. m., Lectures begin in Arts and Science.
- 5 Tu.—12 Noon. Meeting of Faculty of Arts and Science.
- 9 S.—12 Noon. Registration in Arts and Science ends.
- 13 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.  
F.—Last day of lectures in classes wherein Christmas Examinations are held.
- 14 Tu.—Christmas Examinations†begin, except in Law.
- 17 F.—Law Examinations begin.
- 21 Tu.—9 a. m., Christmas vacation begins.

1938.

- Jan. 4 Tu.—9 a. m. Lectures resumed.
- Mar. 1 Tu.—Last day for receiving theses for Master's degree.
- 24 F.—Last day for receiving Applications\* for Examinations for Master's degree and for Music and Pharmacy.
- Apr. 15 F.—Good Friday. No Lectures.
- 2 M.—Last day for receiving Applications\* for Spring Supplementary Examinations (Law, Medicine, Dentistry).
- 25 M.—Last day of Lectures.
- 27 W.—Spring Examinations† begin.
- May 3 Tu.—Final Professional Examinations in Medicine and Dentistry begin.
- 11 W.—4 p. m., Meeting of Faculty of Law.  
—8 p. m., Meeting of Faculty of Dentistry.
- 12 Th.—11 a. m., Meeting of Faculty of Arts and Science.
- 13 F.—5 p. m., Meeting of Faculty of Medicine.
- 14 S.—11 a. m., Meeting of Senate.  
Results of Examinations declared.
- 17 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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1936-37.

Hector McInnes, LL. B., K. C., *Chairman.*

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† Died during year.



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- John Willis, B.A.
- Lothar Richter, Dr. jur., Dr. rer. pol.
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- B. A. Fletcher, M. A., B. Sc.
- C. B. Weld, M.A., M.D., C. M.
- Prof. C. B. Nickerson, *Secretary.*

**Committee on Admission.**

**The Registrar and the Deans of the various Faculties.**

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*Dean of the Faculty of Medicine*—**H. G. Grant.**

*Dean of the Faculty of Law*—**Vincent C. MacDonald.**

*Dean of the Faculty of Dentistry*—**Wm. W. Woodbury.**

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**R. E. Mathers, M.D. (New York), F.A.C.S., F.R.C.S.(C.),** *Professor of Diseases of the Eye, Ear, Nose and Throat. Retired 1936.*

**W. Bruce Almon, M. D., C. M. (Dal.), F. R. C. S. (C.),** *Associate Professor of Obstetrics. Retired, 1932.*

**ACADEMIC STAFF.****FACULTY OF ARTS AND SCIENCE, 1936-37.**

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- John Hamilton Lane Johnstone, M.B.E., M.Sc. (Dal.), Ph.D. (Yale),** *O.E. Smith Professor of Physics, 285 South St.*
- Carleton Bell Nickerson, A. M. (Clark),** *McLeod Professor of Chemistry and Head of Department, 368 Morris St.*
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- Hugh Philip Bell, M. Sc. (Dal.), Ph. D. (Tor.),** *Professor of Botany and Head of Department of Biology, 53 Oakland Rd.*
- James Michael MacDonald, B. A. (St. F. X.), M. B. A. (Harv.),** *William A. Black Professor of Commerce.*
- Harold Raymond Theakston, B. Sc. (Mining) (N. S. T. C.), A. M. E. I. C.,** *Professor of Drawing and Descriptive Geometry, and Engineer in charge of Buildings and Grounds, 27 Oakland Rd.*
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- Basil Alais Fletcher, M. A. (Bristol), B. Sc. (Lond.),** *O. E. Smith Professor of Education.*
- Lothar Richter, Dr. jur., Dr. rer. pol. (Breslau),** *Professor of German, 15 Waegwoltic Ave.*
- Charles Henry Mercer, M. A., B. Com. (Manch.),** *Associate Professor of Modern Languages, 16 Cambridge St.*
- A. H. Leim, B. A., Ph. D. (Tor.),** *Associate Professor of Zoology (Fisheries), Fisheries Experimental Station.*
- Harold Skinner King, A. B., Ph. D. (Harv.),** *Associate Professor of Chemistry, Armdale.*

- S. A. Beatty, M. A. (Queen's), Ph. D. (McGill), Associate Professor of Biochemistry (Fisheries), Fisheries Experimental Station.**
- William Russell Maxwell, B. A. (Dal.), M. A. (Harv.), Associate Professor of Economics (King's), King's College.**
- Carl Cowan Coffin, B. A. (Dal.), M. Sc., Ph. D. (McGill), F.R.S.C., Associate Professor of Chemistry, 80½ Robie St.**
- Frederick Ronald Hayes, B. Sc., M. Sc., (Dal.), Ph. D. (Liverpool), Associate Professor of Zoology.**
- John Burns Martin, M. A. (Tor.), Ph. D. (Harv.), Associate Professor of English (King's), 84 Oakland Rd.**
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- Charles Walmsley, M. A. (Cantab.), Associate Professor of Mathematics, 6 Studley Ave.**
- D. B. Finn, M.Sc. (Man.), Ph.D. (Cantab.), F.C.I.C., Associate Professor of Biochemistry (Fisheries), Fisheries Experimental Station.**
- Francis Hilton Page, M. A. (Tor.), Assistant Professor of Psychology (King's), King's College.**
- Ernest Hess, M.A. (Queen's), Ph.D. (McGill), Assistant Professor of Bacteriology (Fisheries), Fisheries Experimental Station.**
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- Arthur Russell Jewitt, B. A. (Dal. et Oxon.), M. A. (Oxon.), Ph.D. (Cornell), Assistant Professor of English (King's), King's College.**
- Lionel Pearson, B. A. (Oxon.), Assistant Professor of Classics.**
- D. LeB. Cooper, M. Sc. (Dal.), Ph. D. (McGill), Lecturer in Chemistry (Fisheries), Fisheries Experimental Station.**
- Geoffrey Sherman du Vernet, B.A. (King's), M.A. (St.F.X. et Tor.), Interim Lecturer in French and Spanish (King's), King's College.**
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- Donald McLeod, B.A. (Dal.),**
- William Grant MacDonald, B.A. (Dal.),** } Student Assistants  
} in English.



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**Lloyd Elliot MacHattie, B.Sc. (Dal.),**  
**Donald Sutherland Ross, B. Sc. (Dal.),** } *Demonstrators in*  
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**Frederick Bemister Maddock, B.Sc. (Dal.),**  
**James Lionel Metherall Thurlow, B.Sc. (Dal.),** } *Demonstrators*  
*in Chemistry.*

**John Harold MacLean, B. Sc. (Dal.),** *Student Assistant in*  
*Geology.*

**Donald Kennedy Crowdis, B.A., B.Sc. (Dal.)** } *Student Assis-*  
**Andrew Hollett** } *tants in Biology.*

*Dean of the Faculty, Professor Nickerson.*

*Secretary of the Faculty, Professor Nichols.*

*Committee on* {  
*Studies and* { **Professors Johnstone, Wilson and Bennet.**  
*Attendance* }

*Committee on* { **Professor Bennet, Chairman.**  
*Library* { **Professors Henderson, Wilson and Nichols.**

#### Special Lecturers.

**Jotham Wilbert Logan, M. A. (Dal.),** *Lecturer in Classics, 70*  
*Morris St.*

**James William Falconer, M. A. (Edin.), D. D. (Knox),** *Lec-*  
*turer in Archaeology and Fine Arts, Francklyn St.*

**Harry Dean,** *Lecturer in Music and Examiner in Theory of Music,*  
*4 Garden Crest Apts.*

**William Gladstone Watson, B. A. (Tor.), D. D. (Victoria),**  
*Lecturer in Biblical Literature, Francklyn St.*

**Daniel Cobb Harvey, B. A. (Dal.), M. A. (Oxon.), F. R. S. C.,**  
*Archivist of the Public Archives of Nova Scotia, Lecturer in*  
*Canadian History, 325 Quinpool Rd.*

**Carl McKinley,** *Examiner in Music, New England Conserva-*  
*tory of Music, Boston, Mass.*

#### FACULTY OF LAW, 1936-37.

**Carleton Stanley, B. A. (Tor. et Oxon.), M. A. (Oxon.),**  
**LL. D. (Tor. et Me.), Litt. D. (Colo.), F. R. S. C.,** *Presi-*  
*dent of the University.*

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**John Willis, B.A. (Oxon),** ~~Weldon Memorial~~ *Professor of Law, Cowan*  
*Apartments, 154 Spring Garden Rd.*

**George Frederick Curtis, LL.B. (Sask.), B.A., B.C.L. (Oxon.),**  
*Associate Professor of Law.*

**Gordon Stewart Cowan, LL.B. (Dal.) B.A., B.C.L. (Oxon.)**  
*Lecturer in Law, 60 Victoria Rd.*

**C. J. Burchell, M. A., LL. B. (Dal.), K.C.,** *Lecturer in Shipping.*

**F. H. M. Jones, B. A., LL. B. (Dal.),** *Lecturer in Insurance.*

**J. W. Godfrey, B. A. (Dal.), B. C. L. (Oxon.),** *Lecturer in His-*  
*tory of English Law.*

**J. E. Rutledge, B. A., LL. B. (Dal.), K. C.,** *Lecturer in Procedure.*

*Richard J. H. Jones, B.A., LL.B. (Dal.), K.C., Lecturer in Procedure.*  
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*J. W. Godfrey, B. A. (Dal.), B. C. L. (Oxon.), Lecturer in His-*  
*tory of English Law.*  
*J. E. Rutledge, B. A., LL. B. (Dal.), K. C., Lecturer in Procedure.*

**J. A. Walker, M. A. (C. U. A.), LL. B. (Dal.), K. C.,** *Lecturer in Practical Statutes.*

**F. D. Smith, K. C.,** *Lecturer in Shipping.*

**Hon. W. F. Carroll, B. A. (St. F. X.), LL. B. (Dal.),** *Justice of the Supreme Court of Nova Scotia, Lecturer in Evidence.*

**Hon. John Doull, B.A., LL.B. (Dal.),** *Justice of the Supreme Court of Nova Scotia, Lecturer in Procedure.*

**N. E. MacKay, B.A.(Dal.), LL.B. (Harv.), K. C.,** *Lecturer in Insurance.*

*Dean of the Faculty, Professor V. C. MacDonald.*

*Secretary of the Faculty, Professor John Willis.*

#### Special Lecturers.

**Sir Joseph Chisholm, B.A., (St.F.X.), LL.B.(Dal.), LL.D. (St.F.X.),** *Chief Justice of the Supreme Court of Nova Scotia, Legal Ethics.*

**Hector McInnes, LL.B.(Dal.), K.C.,** *Trustee Investments.*

**F. L. Milner, K.C.,** *Conveyancing.*

**J. Mc G. Stewart, B.A., LL.B. (Dal.), K.C.,** *Corporation Financing.*

**J. W. Godfrey, B.A.(Dal.), B.C.L.(Oxon.),** *Foreclosure.*

**Hon. R. H. Graham, B.A., LL.B. (Dal.)** *Justice of the Supreme Court of Nova Scotia, Divorce Court Practice.*

**J. S. Roper, M.A., LL.B. (Dal.), K.C.,** *Public Utility Practice.*

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**Ralph Paterson Smith, M. D., Ch. B. (Glas.), D. P. H. (Glas. et Edin.),** *Professor of Pathology and Bacteriology, 20 Chestnut St.*

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**Rhoda Grant, B.A., M.A., Ph.D., McGill,**  
*Asst. Prof. in Physiology.*

**Richard L. de C. H. Saunders, M. B., Ch. B., Edinburgh,**  
*Asst. Prof. in Anatomy*



C. W. Taylor, M. B., Ch. B., Birmingham, ✓  
Asst. Prof. in Pathology

R. D. H. Heard, B. A., M. Sc., Toronto, Ph. D., Manchester  
Asst. Prof. in Biochemistry

ACADEMIC STAFF

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- ✓ Raymond Jackson Bean, M. S. (N. H.), Professor of Histology and Embryology, 28 Chestnut St.
- ✓ Donald Mainland, M. B., Ch. B., D. Sc. (Edin.), Dr. D. G. J. Campbell Memorial Professor of Anatomy, 68 Robie St.
- ✓ Nikolaus Bernard Dreyer, B. A. (Cape et Oxon.), M. A. (Oxon.), M. R. C. S. (Eng.), L. R. C. P. (Lond.), Professor of Pharmacology, Medical Sciences Building.
- ✓ Harry Goudge Grant, M. D., C. M. (Dal.), M. R. C. S., L. R. C. P. (Lond.), Professor of Preventive Medicine, 116 Oxford St.
- ✓ Allan Lockhart McLean, M. D., C. M. (Dal.), C. P. H., (J. H. U.), Professor of Epidemiology, Public Health Clinic.
- ✓ M. J. Carney, B. A. (Dal.), M. D., C. M. (McGill), F. R. C. P. (C.), Professor of Paediatrics and Assistant Professor of Clinical Medicine, 115 Oxford St.
- ✓ Frank G. Mack, B. A. (Dal.), M. B. (Tor.), F. R. C. S. (C.), Professor of Urology, 140 Spring Garden Rd.
- ✓ C. Beecher Weld, M. A. (B. C.), M. D., C. M. (Tor.) Professor of Physiology. 79 Cambridge St. *banister*
- ✓ James R. Corston, B. A., M. D., C. M. (Dal.), F. R. C. P. (C.), Assistant Professor of Medicine and Clinical Medicine, 46 Coburg Rd.
- ✓ W. Alan Curry, M. D., C. M. (McGill), F. R. C. S. (Eng.), Assistant Professor of Surgery and Clinical Surgery, 121 South Park St.
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133 Spring Garden Road



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- ✓ **A. L. Murphy, M. D., C. M. (Dal.),** Demonstrator in Clinical Surgery and in Embryology, Cor. Inglis and Robie Sts.



- moved to Newfoundland*  
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 R. W. M. MacKay, M. D., C. M. (Dal.), Demonstrator in Mental Diseases, Nova Scotia Hospital.  
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Catherine Frances Conway, B. A., (Mt. A.), Student Assistant in Biochemistry.

Robert William Begg, B.Sc. (Dal.), Student Assistant in Biochemistry and in Pharmacology.

Dean of the Faculty, Professor Grant.  
 Secretary of the Faculty, Professor Bean.

Committee on Studies and Attendance	{	President Stanley
		Dean Grant
		Professor Bean, Secretary.
		Dr. Young
		Dr. Smith
		Dr. Mainland
Dr. H. K. MacDonald		
Dr. K. A. MacKenzie		
Dr. H. B. Atlee		

#### FACULTY OF DENTISTRY, 1936-37.

Carleton Stanley, B. A. (Tor. et Oxon.), M. A. (Oxon.), LL.D. (Tor. et Me.), Litt.D. (Colo.), F. R. S. C., President of the University.

S. G. Ritchie, B. A. (U. N. B.), D. M. D. (T. D. C.), Professor of Dental Anatomy and Comparative Dental Anatomy and Prosthetic Dentistry, 36 South St.

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- W. H. H. Beckwith, D. D. S. (U. of P.),** *Professor of Operative Dentistry, 306 Barrington St.*
- W. C. Oxner, D. D. S., (B. C. D. S.),** *Professor of Crown and Bridge Work and Ceramics, Birks Building.*
- J. Stanley Bagnall, D. D. S. (Dal.), F. A. A. R. D.,** *Professor of Dentistry, 78 Larch St.*
- G. R. Hennigar, D. D. S. (Univ. of Md.),** *Professor of Exodontia and Radiology and Demonstrator in the Adult Clinic, Roy Building.*
- A. W. Faulkner, D. D. S. (Dal.), F. A. C. D.,** *Lecturer in Crown and Bridge Work and Ceramics, 69 Gottingen St.*
- K. F. Woodbury, D. D. S. (Dal.),** *Lecturer in Materia Medica, 177 South Park St.*
- G. A. Chudleigh, D. D. S. (B. C. D. S.),** *Lecturer in Operative Dentistry, General Trust Building.*
- C. B. H. Climo, D. D. S. (Dal.),** *Lecturer in Prosthetic Dentistry, 301 Barrington St.*
- H. S. Crosby, D. D. S. (Dal.),** *Lecturer in Dental History, Jurisprudence, Ethics and Economics, 301 Barrington St.*
- Ellen E. O. Adams,** *Lecturer in Drawing and Modelling and Metalcraft, 42 McDonald St.*
- W. G. Dawson, D. D. S. (Dal.),** *Demonstrator in Dental Metallurgy, Birks Building.*
- A. Borden Haverstock, D. D. S. (Dal.), B. Sc. (Dent.) (Tor.),** *Lecturer in Dental Pathology and Therapeutics and Demonstrator in Pre-School Age Clinic, Roy Building.*
- J. Arnold Noble, B.A. (Acad.), M.B., Ch.B., F.R.C.S. (Edin.),** *Lecturer in Surgery, 27 Willow St.*
- John W. Dobson, D. D. S. (Dal.),** *Demonstrator in Operative Infirmary, 301 Barrington St.*
- Wm. V. Hogan, D. D. S. (Dal.),** *Demonstrator in the Adult Clinic, Roy Building.*
- I. K. Lubetsky, D.D.S. (Dal.),** *Demonstrator in the Adult Clinic, 59 Gottingen St.*
- F. R. Duxbury, D. D. S. (Dal.)** *Demonstrator in the Adult Clinic, Georgian Building.*
- O. Gardner,** *Technician in Prosthetic Dentistry, 42 LeMarchant St.*

*Dean of the Faculty, Dr. Wm. W. Woodbury.*

*Secretary of the Faculty, Dr. Bagnall.*

*Committee on  
Studies and  
Attendance*

{ **President Stanley, Chairman.**  
**Dean Woodbury, Dr. Bagnall, Secretary.**  
**Dr. Ritchie.**



# Dalhousie University

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## INTRODUCTION.

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### HISTORICAL SKETCH.

Dalhousie University may be said to have begun when the British Government, in 1818, sanctioned the institution of a college at Halifax, Nova Scotia. The original endowment was part of the customs collected at the port of Castine, in the present State of Maine, while it was occupied by a Halifax expedition during the latter part of the War of 1812. This use for the fund had been proposed by a Lieutenant Governor of Nova Scotia, George Ramsay, ninth Earl of Dalhousie, who had the satisfaction of laying the corner stone of the building, May 22, 1820. In doing so he made an address, containing these words: "This College of Halifax is founded for the instruction of youth in the higher Classics and in all Philosophical studies; it is founded in imitation of the University of Edinburgh;.....it is founded upon the principles of religious toleration.....From this college every blessing may flow over your country.....May it continue to dispense them to the latest ages! Let no jealousy disturb its peace; let no lukewarm indifference check its growth! Protect it in its first years, and it will abundantly repay your care!"

Despite this fervent appeal and prophecy, the College did not begin to function till 1838. King's College, at Windsor, was already in existence. There was not room for the two institutions and efforts at union were unavailing. King's College admitted only adherents of the Church of England. In 1838, Pictou Academy joined forces with Dalhousie, its Principal, the famed Dr. McCulloch, becoming President of Dalhousie, and £200 of the £400 annual grant to Pictou Academy being transferred with him. Two other teachers joined him in Dalhousie. But, in 1843, Dr. McCulloch died and the college closed its doors, though in the next two decades it showed some discontinuous activity as a school.

In 1863, the Presbyterian Church of the Lower Provinces suppressed its colleges at Truro and Halifax, and undertook the support of two Chairs, and the Church of Scotland in Nova Scotia undertook to support another Chair. Thus supported Dalhousie made a fresh beginning, with six professors. So carefully chosen were these men, and so vitalising was their effect as teachers, that there was never again a break in the life of the College.

Sixteen years later, George Munro began a series of gifts, chairs and scholarships, on a scale hitherto unheard of in Canada. The result was not only a nucleus of some of the most famous university teachers in Canadian history: these teachers had among their students the cream of maritime schools—students who exerted an influence out of proportion to their numbers. Unfortunately these scholarships were continued for a decade only.

In 1883, the Faculty of Law was established, George Munro endowing the Chair of Constitutional and International Law.

In 1887, the University sold its premises on the Parade to the City of Halifax and moved to a site on Carleton Street. The building then erected is still in use, the Forrest Building. In 1911, the University acquired new property to the West, a spacious campus, of forty acres; here most of the new buildings have been erected.

In 1906, the Faculty of Science, first organised in 1877, was rearranged. "Pure Science" united with Arts, the whole Faculty becoming that of "Arts and Science." "Applied Science" was replaced by the Faculty of Engineering. This latter discontinued in 1909 when the Nova Scotia Technical College opened.

In 1911 the former affiliation between Dalhousie University and the Halifax Medical College (established in 1868) came to an end, and the University undertook a full medical curriculum. Through the generosity of the Rockefeller Foundation and the Carnegie Corporation in 1920 new medical buildings were erected close to the provincial and civic hospitals.

In 1912, the Faculty of Dentistry was established.

In 1923, a "long contention" ceased, and one of the happiest events in Dalhousie's history occurred. The University of King's College, the oldest University in Canada, moved from Windsor, Nova Scotia, to Halifax, and affiliated with Dalhousie. (The buildings of King's College are situated on the West Campus), King's College retains its degree-granting powers in Divinity, but not in Arts. The staffs of King's College and of the Arts and Science Faculty of Dalhousie are combined, and constitute a faculty worthy of the name. The libraries of the two institutions are available to the students of both. A distinctive feature of King's College is its "residential" life, which continues its old tradition, and which was originally based on an imitation of Oxford, as Dalhousie was modelled on Edinburgh. ἐκ τῶν διαφερόντων καλλίστη ἄρμονία.

#### BENEFACTIONS.

<b>Presbyterian Church of the Lower Provinces</b>			
	1863.	Per annum about	£850
<i>Support of two Professors. Withdrawn on death of first two incumbents.</i>			
<b>Church of Scotland.</b>	1863.	Part of	£550
<i>Endowment Chair of Mathematics.</i>			
<b>Alexander McLeod.</b>	1882.	\$	65,000
<i>Endowment of Chairs in Classics, Modern Languages, and Chemistry.</i>			
<b>Mrs. Harriet Mackenzie Morrison, Stornoway, Scotland.</b>	1887.		£1,000
<i>Foundation Mackenzie Bursary Fund</i>			
<b>Sir William Young, Chairman of the Board for over forty years prior to 1887.</b>	1887.	In total over	\$ 68,000
<i>Toward erection of new building on Carleton Street.....</i>			
		\$20,000	
<i>Scholarships in Arts.....</i>			
		4,000	



<b>George Munro.</b>	<b>1879-1889.</b>	About	\$350,000
<i>Endowment of Chairs in Physics, History and Political Economy, English Literature, Law, and Metaphysics. Tutorships in Classics and Mathematics. Exhibitions and Bursaries in Arts.</i>			
<b>John P. Mott.</b>	<b>1890.</b>		10,000
<i>"For the benefit of such College, so long as it shall remain and continue to be a non-sectarian institution."</i>			
<b>Rev. Wm. McCulloch, D.D.</b>	<b>1897.</b>		1,600
<i>Endowment and support of "Thomas McCulloch Museum."</i>			
<b>Professor Charles Macdonald.</b>	<b>1902.</b>		2,000
<i>Library Endowment.</i>			
<b>Campaign.</b>	<b>1902.</b>	About	60,000
<i>School of Mines.</i>			
<b>James H. Dunn, London, England.</b>	<b>1910.</b>		1,000
<i>For Microscopes for Biology Department.</i>			
<b>Campaign Fund.</b>	<b>1912.</b>	About	400,000
<i>Purchase of Studley. Erection of New Buildings. Increase of Endowment.</i>			
<b>Andrew Carnegie.</b>	<b>1912.</b>	(Of above Fund)	40,000
<i>Toward the erection of the Science Building.</i>			
<b>New Glasgow Literary and Historical Society.</b>	<b>1912.</b>		1,000
<i>Jotham Blanchard Fund for endowment of annual Scholarship.</i>			
<b>Campaign.</b>	<b>1909-1913.</b>		17,500
<i>For Increase of Salaries.</i>			
<b>Dr. D. A. and Mrs. Campbell.</b>	<b>1914.</b>	About	60,000
<i>Endowment of Dr. D. G. J. Campbell Memorial Chair of Anatomy.</i>			
<b>Alumni Association.</b>	<b>1902-1914.</b>		25,000
<i>For the erection of the Macdonald Memorial Library.</i>			
<b>Joseph Matheson, Lower L'Ardoise, C.B.</b>	<b>1915.</b>		15,000
<i>"To be applied in such manner as to the said Governors shall appear best."</i>			
<b>Lieut. George W. Stairs.</b>	<b>1915.</b>		5,000
<i>"For the good of the University."</i>			
<b>Professor John Johnson.</b>	<b>1915.</b>	Books and	1,000
<i>"For the use of the Arts Library."</i>			
<b>John Macnab.</b>	<b>1916.</b>	About	96,000
<i>"Extending and maintaining the Library."</i>			
<b>Alumni Association.</b>	<b>1912-1916.</b>		6,100
<i>For Biology Chair.</i>			
<b>Mr. George S. and Mrs. Campbell.</b>	<b>1917.</b>		25,000
<i>Creation of "George H. Campbell Scholarship Fund."</i>			
<b>Dr. A. Ross Hill, President University of Missouri.</b>	<b>1917.</b>		1,000
<i>Endowment "Agnes Baxter Library" Fund for Mathematics and Mathematical Physics.</i>			

<b>Carnegie Corporation of New York.</b>	<b>1918.</b>	About	\$ 21,000
<i>For damages done by Explosion.</i>			
<b>Senator Wm. Dennis.</b>	<b>1919.</b>		2,080
<i>For Eric Dennis Special Lecturers.</i>			
<b>Senator Wm. and Mrs. Dennis.</b>	<b>1918-1920.</b>		100,000
<i>Endowment "Eric Dennis Chair of Government and Political Science."</i>			
	<b>1920.</b>		1,000
<i>"For the purchase of books relating to the subject of Government and Political Science."</i>			
<b>Campaign—Centennial</b> (not including Subscriptions for specific purposes).	<b>1920.</b>		439,000
<i>For general purposes.</i>			
<b>Mrs. E. B. Eddy.</b>	<b>1920.</b>		300,000
<i>For the erection of a Residence for Women.</i>			
<b>Rockefeller Foundation.</b>	<b>1920.</b>		500,000
<b>Carnegie Corporation of New York.</b>	<b>1920.</b>		500,000
<i>Development of the Medical School.</i>			
<b>Hon. William A. Black.</b>	<b>1921.</b>		60,000
<i>Endowment "William A. Black Chair of Commerce."</i>			
<b>Mrs. Elise Stewart Strathie.</b>	<b>1921.</b>		1,500
<i>Foundation "Strathie Memorial Fund," for Philosophy Department of the Library.</i>			
<b>Khaki University of Canada.</b>	<b>1921.</b>		6,500
<i>Endowment "Khaki University and Young Men's Christian Association Memorial Scholarship Fund."</i>			
<b>New Glasgow Relatives of Professor James Gordon MacGregor.</b>	<b>1922.</b>		£4,000
<i>Endowment "James Gordon MacGregor Memorial" for Teaching Fellowship in Physics and Equipment Physics Laboratory.</i>			
<b>Dr. A. M. Hebb, Dartmouth, N. S.</b>	<b>1922.</b>	\$	1,000
<i>Foundation "Dr. Clara Olding Prize" in Medicine.</i>			
<b>Alumni Association.</b>	<b>1921-1922.</b>		9,912
<i>Toward erection of Gymnasium.</i>			
<b>Estate of Robert Bruce, Quebec.</b>	<b>1922.</b>		57,500
<i>One-seventh of income from Bursaries and Scholarships.</i>			
<b>Alumnae Association.</b>	<b>1923, 1936.</b>	Over	6,620
<i>Furnishings Shirreff Hall.</i>			
<i>Stained glass window in memory of Mrs. Eddy.</i>			
<b>Mrs. Edith J. Richardson.</b>	<b>1923.</b>		1,000
<i>For Shirreff Hall.</i>			
<b>Rt. Hon. R. B. Bennett.</b>	<b>1925.</b>		20,000
<i>Residence for the President of the University.</i>			
<b>Halifax Branch of the Overseas League.</b>	<b>1925.</b>		1,000
<i>Essay Prize.</i>			
<b>Miss Belle C. Crowe, Madison, Wisconsin.</b>	<b>1925.</b>		10,000
<i>(On the death of her sister). Reversion of Foundation "Belle Crowe Fellowship Fund," for a Fellowship in Inorganic Chemistry.</i>			



<b>Rev. Joseph and Mrs. Hale, Dartmouth, N.S.</b>	<b>1925.</b>	\$ 1,000
<i>Foundation "Katherine M. Buttenshaw Scholarship Fund for the encouragement of the study of Advanced Mathematics."</i>		
<b>Carnegie Corporation of New York.</b>	<b>1926.</b>	
<i>Fine Arts Teaching Collection.</i>	Valued at	10,000
<b>Dr. John Ferguson Black, Stone, England.</b>	<b>1926.</b>	1,000
<i>For Surgical Teaching.</i>		
<b>Estate of J. T. Shirreff.</b>	<b>1926.</b>	250,000
<i>(On the death of his widow). For "Eddy-Shirreff Foundation" especially for the extension to Shirreff Hall.</i>		
<b>Colonel R. W. Leonard, St. Catharines, Ont.</b>	<b>1926.</b>	35,000
<i>Endowment "Leonard Science Library of Periodical Literature."</i>		
<b>Rockefeller Foundation.</b>	<b>1926-1927.</b>	10,000
<i>For the teaching of Hygiene.</i>		
<b>George S. Campbell.</b>	<b>1927.</b>	Reversion of large portion of Estate.
<i>Foundation for a "George S. Campbell Chair or Chairs."</i>		
<b>Estate of Senator Dennis.</b>	<b>1927.</b>	\$ 2,000
<i>Eric Dennis Government and Political Science Library Fund.</i>		
<b>Children of Rev. George Patterson, D.D.</b>	<b>1928.</b>	4,000
<i>Foundation of "Rev. George Patterson, D. D. Travelling Library."</i>		
<b>Estate of Mr. Justice T. Sherman Rogers.</b>	<b>1928.</b>	1,000
<i>"For the improvement of the Library in Law."</i>		
<b>Rt. Hon. R. B. Bennett.</b>	<b>1928.</b>	25,000
<i>Towards Endowment of the Weldon Memorial Chair of Law.</i>		
<b>Estate of Mrs. E. B. Eddy.</b>	<b>1929.</b>	On account of Residue 70,000
<i>For "Eddy-Shirreff Foundation."</i>		
<b>Carnegie Corporation of New York.</b>	<b>1929.</b>	400,000
<i>For Endowment.</i>		
<b>W. J. G. Thomson.</b>	<b>1929.</b>	2,000
<i>For general purposes.</i>		
<b>British Empire Steel Corporation.</b>	<b>1923-1929.</b>	30,000
<i>For the encouragement of Scientific Research.</i>		
<b>Carnegie Corporation of New York.</b>	<b>1929.</b>	600,000
<i>For the joint benefit of King's College and Dalhousie University.</i>		
<b>Carnegie Corporation of New York.</b>	<b>1929-1930.</b>	2,000
<i>For Dental Library.</i>		
<b>Estate of Mrs. E. B. Eddy.</b>	<b>1930.</b>	350,000
<i>Establishment "Eddy-Shirreff Foundation," for "improvement and maintenance of Shirreff Hall," "to complete Shirreff Hall," "loans, scholarships, or other method of assisting worthy young women."</i>		
<b>Mrs. J. Ross Smith.</b>	<b>1930.</b>	3,000
<i>Foundation "Ross Stewart Smith Scholarships" in Medicine and Science.</i>		

<b>Miss Mary Burris, Boston, Mass.</b>	<b>1930.</b>	Reversion of her Estate. <i>Foundation of a Foreign Travelling Scholarship.</i>	
<b>Sir James H. Dunn.</b>	<b>1931.</b>	<i>Towards Endowment of the Weldon Memorial Chair of Law.</i>	\$ 5,000
<b>C. H. Mitchell.</b>	<b>1923-1931.</b>	<i>For Departments of Biology and Chemistry, and Students' Loan Fund.</i>	1,045
<b>Dr. Leonard M. Murray, Toronto.</b>	<b>1931.</b>	One-third of residue of Estate. (After death of beneficiaries). <i>For "Department of Medicine in Dalhousie University."</i>	
<b>Rev. Byron Ulric Hatfield, Westerly, Rhode Island.</b>	<b>1931.</b>	<i>For Scholarships.</i> Residuary legatee of Estate.	
<b>Dr. W. H. Hattie.</b>	<b>1931.</b>	Residuary legatee. (On the death of Mrs. Hattie).	
<b>James D. McKenna, Sussex, N. B.</b>	<b>1928-1932.</b>	<i>Foundation "The Elizabeth McKenna Scholarships."</i>	\$ 5,000
<b>Dr. Dougal Macgillivray.</b>	<b>1932.</b>	Bronze Bust of 9th Earl of Dalhousie, the work of Massey Rhind, A.R.S.A.	
<b>Hon. J. C. Tory.</b>	<b>1927-1932.</b>	<i>For University Library, and Students' Loan Fund.</i>	\$ 1,500
<b>Halifax Visiting Dispensary.</b>	<b>1929 and 1932.</b>	<i>"For the Public Health Centre."</i>	1,000
<b>Carnegie Corporation of New York.</b>	<b>1933.</b>	<i>Endowment for Geology.</i>	125,000
<b>Junior League of Halifax.</b>	<b>1933.</b>	<i>For the Immunization Clinic at the Public Health Clinic.</i>	1,000
<b>Estate of A. M. Banks.</b>	<b>1926-1933.</b>	<i>For general purposes.</i>	4,350
<b>Massachusetts-Halifax Health Commission.</b>	<b>1933.</b>	<i>Foundation of "The Commonwealth of Massachusetts Endowment Fund."</i>	13,589
<b>Miss Grace D. Burris, Vancouver, B. C.</b>	<b>1933.</b>	<i>For Travelling Scholarships.</i> Reversion of Estate.	
<b>Rt. Hon. R. B. Bennett.</b>	<b>1921-1934.</b>	<i>Books for the Law Library and for Shirreff Hall.</i>	\$ 3,500
<b>Carnegie Corporation of New York.</b>	<b>1932-1934.</b>	<i>For the University Library.</i>	9,000
<b>Anonymous.</b>	<b>1933-36.</b>	<i>Four Scholarships in Classics and Mathematics.</i>	3,000
<b>Carnegie Corporation of New York</b>		<i>For Research in Pathology</i>	
(For two years)	<b>1934-36</b>		4,000
<i>For Halo Research</i>	<b>1934</b>		1,500
<i>For Professorship in German</i>	<b>1934-36</b>		8,000
(For two years)			



<b>Emergency Committee in aid of Displaced Foreign Physicians 1934-36</b>		\$ 1,563
<b>Dr. Wm. Inglis Morse</b>	<b>1932-1934</b>	Collection of books, bookcases, busts, maps. Mahogany Table, 21 Mahog- any Chairs, Books, Pictures, Safe, etc.
<i>For Endowment "Morse Collection"</i>	<b>1935-1936.</b>	\$ 8,227
<i>For Prizes</i>	<b>1933-1936.</b>	2,000
<b>O. E. Smith Trust</b>	<b>1936.</b>	20% of the In- come from a Trust Fund.
<b>Estate of Mrs. Margaret Florence Trueman,</b>	<b>1936.</b>	1,000
<i>For expenditure on suggestions of Alumnae Association</i>	<b>Berwick, N. S.</b>	
<b>Estate of Mrs. E. B. Eddy</b>	<b>1936.</b>	Balance 6,777
<i>For "Eddy-Shirreff Foundation"</i>		of residue
<b>Rockefeller Foundation</b>	<b>1936.</b>	60,000
<i>(Payment over five years) For Institute of Public Affairs.</i>		
<b>Anonymous</b>	<b>1936.</b>	10,000
<i>For Scholarships.</i>		
<b>Estate of Charles M. Macdonald,</b>	<b>1937.</b>	1,000
	<b>Armstrong, B. C.</b>	
<b>North British Society.</b>	<b>1868 to date.</b>	4,740
<i>North British Society Centennial Bursary.</i>		
<i>Allan Pollok Scholarship</i>	<b>1922 to date.</b>	3,000
<b>Nova Scotia Dental Association.</b>	<b>1912 to date.</b>	2,895
<i>For Dental Library and Dental Prizes.</i>		
<b>Cogswell Library Fund.</b>	<b>1916 to date.</b>	5,282
<i>For Medical Library.</i>		
<b>Commercial Club of Halifax.</b>	<b>1922 to date.</b>	2,900
<i>Scholarships.</i>		
<b>Senator W. H. Dennis.</b>	<b>1922 to date.</b>	9,000
<i>English Prizes for Prose and Poetry.</i>		
<b>The Carswell Co., Limited, Toronto</b>		
<i>Law Prizes</i>	<b>1922 to date.</b>	1,605
<b>Alumni and Alumnae</b>		
<i>For the Gymnasium Fund</i>	<b>1932 to date.</b>	6,697
<b>Rockefeller Foundation.</b>	<b>1933 to date.</b>	30,600
<i>Annual grant for five years. For the Department of Epidemiology.</i>		
<b>Gifts obtained through Professors</b>		
<i>For Arts and Medical Libraries</i>	<b>1935 to date.</b>	1,745

### MUNRO DAY

On July 9, 1881, the Governors of Dalhousie University dealt with a petition from the students, asking that each year there be a holiday named "The George Munro Memorial Day" in celebration of the great benefactions of George Munro mentioned above. The petition was granted, and the third Wednesday of January of each year was set aside as "The George Munro Memorial Day." In the course of years the name has been shortened to "Munro Day," and it has become a movable feast. In the year 1928, "Munro Day" was celebrated on March 9, and President A. Stanley Mackenzie reviewed the history of Dalhousie's benefactors. The special guest on that occasion was the Right Honourable R. B. Bennett, who was referred to as one of our great benefactors himself, and the cause of other notable benefactions. Since that time, the names of all our benefactors have been associated with "Munro Day."

### FACULTIES AND AFFILIATIONS.

**The Faculty of Arts and Science**, so styled since 1906, when the Pure Science part of the Science Faculty, established 1877, joined Arts. ("Applied Science," then called the Faculty of Engineering, discontinued 1909 on the opening of the N. S. Technical College).

**The Faculty of Medicine** was established in 1868 and was affiliated for many years with the Halifax Medical College. Since 1911 the University has assumed responsibility for a full curriculum. The medical buildings are on the East Campus in close proximity to the teaching hospitals.

**The Faculty of Law** was established in 1883. In this year Mr. George Munro endowed the chair of Constitutional and International Law, held by Dean R. C. Weldon for 31 years.

**The Faculty of Dentistry** was organized in 1908 in affiliation with the Maritime Dental College. 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.

The University offers the degree of B. Sc. to candidates fulfilling the requirements of the **Maritime College of Pharmacy**. The College of Pharmacy does its work in Dalhousie University buildings, and some of the instruction is given by the Dalhousie staff.

Since 1928 Dalhousie University has cooperated with the Biological Board of Canada in a course leading to a degree in Fisheries. Technical courses are given by the staff of the Biological Board at their **Atlantic Experimental Station for Fisheries**, Halifax. All other subjects are taught by members of the Dalhousie staff.

### 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. The Board has granted to the Alumni Association the privilege of proposing the names of six 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 three members 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 degree of Doctor of Laws may be conferred *honoris causa tantum* in recognition of eminent literary, scientific, professional, or public services.

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 Science (in Pharmacy and in Fisheries), Bachelor of Laws, Doctor of Medicine and Master of Surgery, and Doctor of Dental Surgery. Courses for diplomas in Music, Pharmacy, Household Science, Education and Engineering are also prescribed.

The various Faculties of the University provide the instruction required in the courses leading to the above degrees and diplomas except in Music, in Pharmacy, in Fisheries and in Household Science.

In Music instruction is provided in the literary and scientific subjects required, and the University recognizes as qualifying for a degree or diploma the instruction in professional subjects given by the Halifax Conservatory of Music or other approved institution.

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 institution.

In Fisheries the classes in practical fish curing and culture are given at the Fisheries Experimental Station (Atlantic).

In Household Science the University offers a diploma to students who have completed an Arts or a Science course and who have attended and passed in a recognized course in Household Science at the Halifax Ladies' College or other approved institution.

**Engineering Courses.**—A course in Engineering is offered in the Faculty of Arts and Science. This course extends over three years and corresponds to the work prescribed by the Nova Scotia Technical College for admission to the courses for a degree in Civil, Mechanical, Electrical or Mining Engineering. A diploma 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 one year the time required for the combined degrees in Arts or Science and Medicine.

A candidate for the degree of Bachelor of Science may shorten by two years the time required for that degree and a degree in Engineering.

There is a B. Sc. course open to medical students who show exceptional ability, which can be taken along with the regular medical course and completed at the end of the third year in Medicine. This course, which is outlined to interest the student in medical research, requires the completion with high standing of the regular premedical course, and, in addition, German 1 and 2, and Philosophy 1. In the first three years of Medicine special courses of Laboratory technique must be satisfactorily completed.

#### **PRIVILEGES OF DALHOUSIE STUDENTS IN OTHER INSTITUTIONS.**

The University of Oxford exempts from Responsions an undergraduate in Arts of this University who has passed in the subjects 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 exempt from Responsions by the University of Oxford.

The University of London exempts Bachelors of this University from the Preliminary Examination leading to the LL. B. degree of that University; and students in Medicine are exempted from the Courses of Study anterior to the First and the Second Examinations for Medical degrees if they have pursued equivalent courses at this University.

Graduates in Law of this University are admitted to the Bar of Nova Scotia without further examination and the Law School is on the registered list of the Regents of the State Board of New York.

On January 1, 1932, the Societies of Lincoln's Inn, The Middle Temple, The Inner Temple, and Gray's Inn, agreed to admit Dalhousie Law graduates on certain conditions to any one of the four Inns of Court.

Graduates of this University in Medicine and Surgery who hold the Licence of the Provincial Medical Board may, on application, be placed on the Colonial List of the British Medical Register. The Medical School having been given the rating of Class A by the Council on Medical Education and Hospitals of the American Medical Association, graduates enjoy all the privileges which this confers.

#### **AFFILIATED INSTITUTIONS.**

##### **Pine Hill Divinity Hall.**

*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 Pine Hill Divinity Hall.



**Prince of Wales College.**

*Principal*.....S. N. Robertson, M. A., LL. D.  
 Students who have completed the regular course of Prince of Wales College, Charlottetown, P. E. I., are admitted to the Arts and Science course without further examination, and may receive credit in classes of the first and second years.

**Memorial University College.**

*President*.....Albert G. Hatcher, M. A.  
 Students who have completed the regular course of Memorial University College, Newfoundland, are admitted to the Arts and Science course without further examination, and may receive credit in classes of the first and second years.

**Halifax Conservatory of Music.**

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.**

*Dean*.....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 Science (Pharmacy).

**Halifax Ladies' College.**

*Principal*.....Miss E. F. Blackwood, B. A.  
 Students who have completed the regular course and received the Matriculation Diploma are admitted to the Arts or Science course without further examination. The University recognizes the teaching in Household Science as part of the qualifications for the diploma in that department.

**Convent of the Sacred Heart.**

*Mother Superior*.....Reverend Mother Hughes.  
 Students who have completed the regular course and received the Diploma are admitted to the Arts course without further examination and may receive credit in classes of the first and second years for work done at the Convent.

**Mount St. Vincent College.**

*Mother General*.....Reverend Mother Mary Louise.  
 Arrangements have been made whereby students from this institution may receive credit in classes of the first and second years for work done at the College, 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 over 53,000 catalogued volumes, and other books and manuscripts.

The Library of King's College, which is very valuable in several fields, is also accessible to Dalhousie University students.

The Law Library contains about 13,000 volumes, including all the law reports which a student will find it necessary to consult.

The Medical Library received its real start by an endowment of £1,000 from Dr. C. Cogswell. It contains about 17,000 volumes and subscribes to most of the important medical periodicals. The Library is open at times convenient to students and practising physicians.

Besides the libraries in the University, students may use, subject to certain conditions, the following libraries; The Provincial Science Library, housed in the Nova Scotia Technical College (about 99,605 volumes and pamphlets), the Legislative Library (32,000 volumes), the Library of Pine Hill Divinity Hall (25,000 volumes and, in addition, valuable records), and the Nova Scotia Barristers' Society Library (13,600 volumes).

A building for the Public Archives of Nova Scotia was erected on the University grounds adjacent to the Library in the fall of 1930, through the generosity and public spirit of the late W. H. Chase, Esq., of Wolfville. The collections which are being accumulated in this building, including the notable Akins Library, rich in early Colonial and Canadian History, are of the greatest value to the University for teaching purposes.

#### THE MUSEUM.

The Museum consists chiefly of the *Thomas McCulloch*, the *Patterson* and the *Honeyman Collections*.

**The Thomas McCulloch Collection** was begun by Dr. McCulloch, first President of Dalhousie. The greater part of it was collected by his son Thomas who was Professor of Natural Philosophy from 1863 until his death in 1865. His brother, Rev. William McCulloch, D. D., of Truro, bequeathed it to the University along with a sum of \$1,600 to form a fund for its maintenance. It contains a large and valuable collection of birds, especially native species of the Maritime Provinces, besides many mineral, rock and fossil specimens, shells of 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 Physics and Chemistry Building**, which houses also the departments of Geology and Engineering.

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

**The Medical Sciences Building** on College Street contains the laboratories of the departments of Physiology, Biochemistry, Pharmacology and Hygiene.

**The Pathological Institute and Museum.**

**GENERAL 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 registers.

**Students' Health Service.**

1. All students of the University are required to submit to an annual medical examination at the beginning of the session. Women students will be examined at Shirreff Hall; men students at the Public Health Clinic. Lists indicating appointments will be posted early in the session. Failure to keep appointments promptly will be regarded as a breach of University discipline.

2. This service provides for the following:

- (a) A medical examination at the beginning of the session, with subsequent fluoroscopic examination of chest;
- (b) Medical service for minor ailments at the Public Health Clinic, from twelve noon to one p. m. daily;
- (c) Such medicines (except antitoxic sera, insulin, and other unusual preparations) and dressings as may be prescribed;
- (d) Testing for susceptibility to diphtheria and scarlet fever, and immunization against either one of these diseases where required.

3. The service does not provide for the following:

- (a) Surgical operations;
- (b) Specialist's treatment;
- (c) Special nursing;
- (d) Dental treatments;
- (e) Illnesses attributable to misconduct;
- (f) Physician's fee for attendance elsewhere than at the Public Health Clinic;

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†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. Nor does the University hold itself bound to adhere absolutely to the curriculum and conditions laid down.



- (g) Hospitalization;
- (h) Any other service not specified in Section 2 hereof.

4. Arrangements for consultations during the session are to be made through the Office of the Medical Director, Students' Health Service, Public Health Clinic (Telephone B. 8438).

5. All students are expected to carry out the instructions of the physician to the fullest extent possible. Failure to do so will be regarded as a breach of University discipline.

6. A short course of lectures on personal hygiene will be given during the session, notice of which will be posted on the bulletin boards. All newly admitted students are required to attend this course. Attendance of other students is optional.

7. All students entering the University who cannot submit certificates of having been successfully vaccinated shall be required to submit to vaccination.

#### **Tutors.**

For students whose proficiency in languages is not satisfactory the department concerned will recommend accredited tutors.

#### **Residence.**

All students are required to report their place of residence to the University Office on or before October 16th. Subsequent changes in place of residence must be reported promptly.

Shirreff Hall, the Women's Building of the University, the gift of the late Mrs. Eddy, will accommodate about one hundred students. All women students not living with parents or close relatives must live in residence. In very exceptional circumstances, permission may be granted to a woman student to reside outside. Written application for exemption from this rule of residence may be made through the President's Office.

The dormitories of Pine Hill Divinity Hall and of King's College are available for students of Dalhousie University to the extent of the accommodation not needed by these institutions. For information and reservations application should be made to them.

Arrangements will be made to have someone meet at the train any student coming to Halifax for the

first time, if notification is sent in advance of the time of arrival. Also, assistance will be given in finding boarding places. Communications may be addressed to the Registrar of the University, or to the Secretary, Alumni Record Office, Dalhousie University.

#### **Church Attendance.**

All students not residing with parents or guardians are invited to report to the University Office on or before October 19th 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. Every professor or officer of the University is required to report 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. Any Faculty may, at its discretion, ask the Senate to dismiss from classes for the remainder of the session students whose progress in studies is unsatisfactory.

Students are expected to be in attendance on the first day of term, and to remain in attendance until the last day of term, as set forth in the calendar. A fine of five dollars will be levied for one day's infraction of this rule, ten dollars for the second day, fifteen for the third, and so on.

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



**National Federation of Canadian University Students. Exchange plan.**

The object of the plan is to permit specially selected students to take one year's university work at universities other than the "home" university and in a different part of Canada.

For the purposes of the plan the universities of Canada are grouped in four divisions, as follows:-

- I. The University of British Columbia.
- II. The Universities of Alberta, Saskatchewan, and Manitoba.
- III. The Universities of Ontario and Quebec.
- IV. The Universities of the Maritime Provinces.

Subject to certain exceptions, no student is allowed to apply for the benefits of the plan unless he contemplates taking work at a university which is in a different division than is his home university.

Any bona fide student, male or female, who is applying for study at a university in another division in the third year of his course, or any year beyond the third, is eligible, provided that he undertakes to return the following year to his home university to complete the work for his degree.

All applications must be in the hands of the local Selection Committee on or before the 1st day of March.

When his application is accepted by the local Selection Committee and by the authorities of the "Exchange University," the successful candidate will be permitted to take a full year's work at the desired university without paying tuition fees or Students' Council fees.

For further information consult the Registrar's office.

**Non-Academic Student Activities.**

Students representing the College in non-academic activities must be in good standing. Those who are ineligible for such representation are as follows:

- (a) Students on probation in any Faculty.
- (b) Students registered for less than nine lectures per week, a period of two laboratory hours being regarded for this purpose as equivalent to one lecture.
- (c) Students who have failed to pass in at least half their classes in the last sessional or midsessional examinations.
- (d) Special students during their first term of attendance.

### **University Library.**

The Library is open during the session on every week-day except Saturday, from 9 a. m. till 5.30 p. m., and on Saturday till 1 p. m., and during the greater part of the session from 7.30 to 10.30 every evening and from 2.30 to 5.30 Sunday afternoon.

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.

### **Loan Funds.**

A Students' Loan Fund was started by the gift of \$1,000 for the purpose from the Chronicle Publishing Co., Limited, of Halifax, in June, 1912, and has since been increased by other gifts and interest to about \$4,100.

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 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. A loan shall bear interest from the date of the student's graduation, or, in case the student does not continue his course, from the date of his last attendance. A loan is repayable within one year from the time it begins to bear interest.

The Alumnae Association Loan Fund is available to women students who have attended the University for two years. A final year student may be granted a maximum of \$200, provided that a previous loan has not exceeded \$100. A total of all sums advanced to any student shall not exceed \$300. The terms of loan are



subject to change. Applications should be sent in as early as possible, as the Committee in charge can not deal with loans during July and August. Apply to Miss Lois S. Creighton, 14 LeMarchant Street, Halifax.

A Loan Fund, available for students of Dalhousie University of Irish descent, has been created by the Charitable Irish Society of Halifax. For further information apply to the President.

The Rotary Club of Halifax, through their Students' Loan Fund Committee, is prepared to grant loans under prescribed conditions to specially selected students. For further information apply to the President of the University.

#### **Employment Bureau.**

The University Employment Bureau will endeavour to find employment during vacations or permanently for students who register with the Bureau.

The qualifications for recommendation to employers are:—

1. Sound academic standard.
2. Good character.
3. Statement from the professor or professors concerned.

The Bureau invites communications from both students and employers.

#### **Caution Deposit.**

Each 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 ten dollars per class, with a maximum of twenty dollars, on registration. 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.

### **Unclaimed Deposits.**

Balances of Caution and Laboratory Deposits left unclaimed three years will be applied to the purchase of books for the University Library.

### **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 of \$10.00 is collected on registration from each student who takes more than two classes. This fee entitles the student to the privileges of any or all of the following student organizations: Dalhousie Amateur Athletic Club, Dalhousie Girls' Athletic Club, Delta Gamma Society (girls), Dalhousie Glee and Dramatic Club, Sodales Society, and to a copy of the Dalhousie Gazette. This fee also entitles the student to participate in the general student activities sponsored directly by the Council of the Students.

A student taking less than three classes and desiring to take part in one or more of the above organizations must pay this fee.

Candidates for the degree of Master of Arts or Master of Science, whose course will extend over more than one session, are not required to pay this fee after their first registration.

### **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 a 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. Com.—White silk bordered with light blue silk.
- B. Mus.—White silk bordered with lavender silk.
- LL. B.—White silk bordered with gold coloured 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 Laws 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. The additional fee for such degrees conferred at Convocation is \$10.00. (See p. 67).

### **ADMISSION TO VARIOUS FACULTIES.**

**The attention of students entering the Faculty of Arts and Science for the first time, whether in the First or Second year, is called to the fact that registration for such students takes place on September 29th and 30th and that special lectures for them begin on October 1st.**

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

**Graduate Students** are students who hold a Bachelor's degree in Arts or Science and are pursuing a course towards a Master's degree.

**Undergraduates** are students who have completed Matriculation and are candidates for a Bachelor's degree in Arts or Science, or for a degree in a professional course.

For details of admission to the professional courses, see pages 21-25.

**Special Students** are those 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.

### Matriculation.

To enter this University as an Undergraduate a candidate must have received credit for \* **seven** Matriculation subjects. This may be accomplished either by passing the regular Dalhousie Matriculation examination or by presenting equivalent certificates.

The seven subjects required for full University Matriculation are as follows:

**For B. A.:—**

(1) English; (2) Latin or Greek; (3) Algebra; (4) Geometry; (5) French or German or a language not offered in (2); (6 and 7) Any two of: History, Physics, Chemistry, Botany, †Music, Trigonometry, or another foreign language.

**For B. Sc.:—**

(1) English; (2) French or German; (3) Algebra; (4) Geometry; (5) Latin or Greek, or a language not offered in (2); (6) Physics, or Chemistry, or Botany; (7) A subject, not already offered which may be either History, Physics, Chemistry, Botany, †Music, Trigonometry, or another foreign language.

**For B. Com.:—**

As for B. Sc.

**For B. Mus.:—**

As for B. A. or B. Sc. Both French and German are recommended. (See page 45 of University Calendar).

**For LL. B.:—**

Complete Matriculation (including Latin); and the completion of ten classes of the Arts course.

For further particulars, see page 99.

**For M.D., C.M.:—**

Complete matriculation in Arts or Science, including Latin, and the completion of the following ten University classes, English 1, History 20, Mathematics 1, Chemistry 1, 2, and 4, Physics 1, Biology 1 and 2A, and an elective. German 3 is recommended.

\*In *exceptional* cases students, who for special reasons are deficient in one subject of matriculation but have shown sufficient ability in other subjects, may be admitted, at the discretion of the Committee on Admission, to a course leading to a degree. Such students must complete Matriculation before starting upon a second year of attendance.

†Candidates who have been given credit by the Nova Scotia Department of Education may offer Music as one of the seven matriculation subjects.



For further details, see current Calendar, under Faculty of Medicine.

**For D. D. S.:—**

As for M.D., C.M.

**For B. Sc. (Pharmacy):—**

As for regular B. Sc. except that both Physics and Chemistry are required.

**Diploma Courses.**

Matriculation requirements for the Diploma Courses are as follows:

**Diploma in Engineering:**

(1) English; (2) A foreign language; (3) Algebra; (4) Geometry; (5 and 6) Two other Matriculation subjects, preferably Trigonometry and History; (7) Physics or Chemistry.

For information regarding the course in Engineering see pages 47 and 48.

**Diploma of Licentiate of Music:**

Matriculation English.

**Diploma in Pharmacy:—**

Complete matriculation in Arts or Science including Latin.

**Diploma in Household Science:**

As for B. Sc. (See Calendar page 48)

**Diploma in Education:**

Candidates for admission to a course leading to a Diploma in Education must have received the B. A. or B. Sc. degree from a college or university recognized by the Senate.

**Subjects of Matriculation.**

The Matriculation examinations will be held at the University, and at such other places as the Senate may designate, on September 28th to October 1st, 1937. For the time table of the examinations, see the Almanac page of the University calendar. Papers of from two to three hours' duration will be offered in each of the following subjects:—\*

\*Students from outside the Maritime Provinces who wish to offer subjects other than those listed above should communicate with the Registrar's Office.

English	Trigonometry	Spanish
History, (British, Ancient or Modern)	Latin	Physics
Algebra	Greek	Chemistry
Geometry	French	Botany
	German	

**Note:** Students who, by reason of race or training, are fluent in another foreign language may offer it in place of one of those specified above.

*Students who intend to write any of these examinations must apply to the University Office before September 25, 1937.*

Application for examination at an outside centre should be made one month earlier.

### Requirements in Various Subjects.

Candidates are expected to be prepared in the following requirements:—

**English.—Language:** Grammar, analysis, parsing. **Composition:** Essays will be set on a variety of subjects, in which a wide choice will be offered. Some of the subjects may be chosen from texts set for study in Grades XI and XII or the equivalent in the Maritime Provinces, but candidates must understand that they will be judged by their ability to express themselves. Other tests of composition, such as letters, paraphrases, and summaries, may be included in the paper. There are no prescribed texts.

**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*.

**Modern History.**—West: *Modern Progress* (as taught in Grade XI in the Schools of Nova Scotia).

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

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

**Trigonometry.**—Up to and including formulæ 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: Wedeck: Third Year Latin; pp. 1-25, Cicero: *First Oration against Cataline*; pp. 213-236, Selections from Ovid; pp. 135-196, Miscellaneous.

Equivalent work will be accepted for Matriculation though not for Scholarships.

**Greek.**—As under Latin.

The book prescribed is Xenophon: *Anabasis*, Book I (Ch.1-8).

**French.**—M. Dondo: *Modern French Course*, complete. Forrest: *French Poetry*. Manley: *Eight French Stories*. La Brète: *Mon oncle et mon curé*. Equivalent work will be accepted.

**German.**—B. J. Vos: *Essentials of German*, to end of Lesson 26. Bagster-Collins: *First German Course*. Baumbach: *Der Schwiegersonn*. Equivalent work will be accepted.

**Spanish.**—Hills and Ford: *First Spanish Course* (Heath), to the end of Lesson XXXVII. Haan and Morrison: *Cuentos Modernos*, (Heath). Equivalent work will be accepted.

**Chemistry.**—The extent of knowledge expected is such as may be gained from Evans' *Elementary Chemistry for High Schools*, or any other text book of equivalent grade.

**Physics.**—Such text-books as *The Ontario High School Physics and Laboratory Manual*; or, Milliken, Gale and Pyle: *Elements of Physics*.

**Botany.**—General Outline as in Bergen and Davis; *Principles of Botany*; or, Ganong: *A Text-Book of Botany*; or, Holman and Robbins: *Elements of Botany*.

**Music.**—See footnote page (22).

### Certificates Exempting from Examination.

Satisfactory marks in any of the subjects listed above will be accepted as credit toward the entrance requirements if such marks are granted by any of the following examining bodies:

- (a) Certificates of the Common Examining Board of the Maritime Provinces and Newfoundland.
- (b) High School Certificates of Grades XI or XII of Nova Scotia, issued by the Department of Education of the Province of Nova Scotia.
- (c) Certificates from Accredited Schools.
- (d) Grammar School, or Superior (except in Latin), or First Class Licences of New Brunswick.
- (e) 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.
- (f) Equivalent Licences or Certificates issued by Education Departments of other Provinces.
- (g) Certificates of Matriculation Examinations taken at recognized Universities.
- (h) Certificates similar to the above issued by University or other official examining bodies, when found adequate.

**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. No student, however, shall 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*, in making application, must 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.



# Faculty of Arts and Science

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## General University Regulations.

(V. p. 14, *et seq.*)

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The **Academic Year** begins Sept. 29, 1937, and ends May 17, 1938.

### 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 Commerce (B. Com.), and Bachelor of Music (B. Mus.), and to the Diploma of Licentiate of Music (L. Mus.). A course in Engineering, extending over three years, is prescribed for students who look forward to 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.

A diploma is offered also for the successful completion of a course in Household Science; and the University provides courses required for the diploma in Education, and for the diploma in Pharmacy issued by the Maritime College of Pharmacy (See pp. 46-47).

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.\*

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. (See pp. 50-51.)

The course of study for the Degree of Bachelor of Commerce extends over four years. See p. 31.

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. (See pp. 45-46.)

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\*See pages 34-41 for Honour Courses

### 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:

- (1) Two classes in either Latin or Greek.
- (ii) One class in one, not already chosen, of the following languages: Latin, Greek, French, German, Spanish.
- (iii) Two classes in English.
- (iv) History 1, Mathematics 1.
- (v) One class in Physics, Chemistry, Geology, or Biology.
- (vi) Any two classes from: the second class of the language chosen in (ii) above, History 2, Economics 1, Political Science 1, Philosophy 1, Mathematics 2, a Science Class.
- (vii) Ten other classes \* selected from the following list, such that seven are included in three of the departments I to XX (see p. 68 et seq.), not more than seven in any one department, and at least seven which require a University class as a prerequisite:

Latin	Economics	Geology
Greek	Sociology	Biology
French	Political Science	Histology
German	Philosophy	Embryology
Spanish	Psychology	Physiology
Biblical Literature	Education	Biochemistry
English	Mathematics	Music
Fine Arts	Physics	Mechanics
History	Chemistry	

For details of subjects studied in the above classes see Courses of Instruction, p. 63, *et seq.*

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 13th, 1937.

**All students registering for the Third and Fourth years must have their courses approved by the Committee on Studies and Attendance.**

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\*The Faculty strongly recommends that Philosophy 1 be included in these ten classes.



**Order of Classes.**

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, or wish to be eligible for first or second year Scholarships, 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. English 1.
3. Mathematics 1.
- 4, 5. Any two of: Another language, History 1, Physics 1 or 2, Chemistry 1, Geology 1, Biology 1.

**Second Year.**

Should include the five remaining required classes\*\* (see p.28).

**Third and Fourth Years.**

The remaining ten elective classes from the subjects specified on p. 28.

**Any student intending to continue chiefly the study of Science or Mathematics should take two Sciences in his first year, and one extra class in Science or Mathematics in his second year. This can be done by taking six classes in either the first or the second year.**

**Any student intending to continue chiefly in social studies should take History and another Language in his first year and six subjects in his second year, including three of Philosophy I, Political Science I, Economics I, and another class in History.**

**All candidates for the Bachelor of Arts degree are strongly recommended to take Philosophy I somewhere in their Second, Third or Fourth year.**

**Affiliated Courses.**

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

**A. Divinity.**—The classes in New Testament Greek and Hebrew conducted in Pine Hill Divinity Hall can be offered for the three electives referred to above by students intending to study Divinity there.

The class in New Testament Greek and two of the following three classes, Hebrew, Biblical Literature and Ecclesiastical History, conducted by the Divinity Faculty of King's College, can be offered for the three electives referred to above by students intending to study Divinity there.

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

**C. Commerce.**—Any four Commerce classes.

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

**D. \*Medicine.**—An undergraduate looking forward to the study of Medicine may offer the classes of first year Medicine, instead of four of the electives required from Group (vii) on p. 28.

\*\*Students looking forward to securing a teacher's licence should select Philosophy.

\*The same regulations *mutatis mutandis* are true also for Dentistry.

### 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. Two classes in French or German, or one class in each.

(ii) One in each of the following: Mathematics, Physics, Chemistry, Geology or Biology.

(iii) Two classes selected from the departments of Languages, History, Economics, Political Science and Philosophy.

(iv) Ten other classes, such that at least seven are included in not more than three of the departments of Science and Mathematics. Drawing 1 may be offered as one of these classes.

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 13th, 1937.

#### Order of Classes.

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 or wish to be eligible for first or second year Scholarships, should consult the Registrar early in their course about the right order of classes for the purpose.*

#### First Year.

1. English 1.
2. Mathematics 1.
3. French 1 or German 1.
4. Physics 1 or 2, or Chemistry 1.
5. A second Science class, or a second Foreign Language class.

#### Second Year.

1. English 2.
- 2 and 3. Two classes in Science or in Mathematics.
- 4 and 5. Two classes from the remaining imperatives, which must include the Foreign Language imperative if such remains.

#### Third and Fourth Years.

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

**All students registering for the Third and Fourth Years must have their courses approved by the Committee on Studies and Attendance.**



### Affiliated Courses.

**A. Engineering.**—An undergraduate looking forward to the study of Engineering may offer the following classes instead of four of the electives required from Group (iv) above:—Drawing 2 and 3, Surveying 1 and 2, 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.

**B. \*Medicine.**—An undergraduate looking forward to the study of Medicine may offer the classes of first year Medicine instead of four of the electives required from Group (iv) above.

There is a B.Sc. course open to medical students who show outstanding ability, which can be taken along with the regular medical course and completed at the end of the third year in medicine. This course, which is outlined to interest the student in medical research, requires the completion with high standing of the regular premedical course and, in addition, German 1 and 2, and Philosophy 1. In the first three years of medicine special courses of Laboratory technique must be satisfactorily completed.

**C. Pharmacy.**—By arrangement with the Maritime College of Pharmacy, classes in Pharmacy, Materia Medica and Dispensing may be offered for three classes in Group (iv) above, by those pursuing the study of Pharmacy.

### 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 1, a Science, Accounting 1.

**Second Year.**—French 2 or German 2 or Spanish 2, English 2, Commerce 2, 4, History 1, Economics 1.

**Third and Fourth Years.**—Commerce 5, 7, 8, 10, Economics 3, and seven other classes of which at least three must be selected from the Departments of Economics and Commerce. Electives must be selected with the approval of the Department.

### Securing Degrees in Three Years.

Provided a student has completed matriculation; provided also that he has won standing of at least fifty per cent in Grade XII or equivalent examinations on at least four subjects of those listed below, he may be allowed to try to complete his degree in three years, but he will not be given credit for more than five of these subjects. The subjects are as follows:—

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

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\*The same regulations *mutatis mutandis* are true also for Dentistry.

A candidate will be allowed supplementary examinations in the subjects required to complete five classes provided that the certificate shows a mark of at least thirty per cent in such subjects and that the candidate has credit for the corresponding matriculation subjects. No credit will be given for certificates obtained after a student has once been registered in the University.

The certificates to which these provisions apply are the following:

- \*(a) High School Certificate of Grade XII of Nova Scotia issued by the Department of Education;
- (b) Honour Diploma as issued by Prince of Wales College, P. E. I.;
- (c) Certificate of the first year of Memorial University College, Newfoundland;
- (d) Grammar School Licence of New Brunswick;
- (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.

#### **Distinction in the Ordinary Course.**

The degree of Bachelor of Arts or of Science with Distinction will be conferred for special excellence shown in the classes of the Ordinary course. The award of such degree is based upon the Class Distinctions (p.53) 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.

To be eligible a student must have completed at least ten classes in which Distinction may be obtained; and he must have secured Distinction in at least six classes distributed over at least two and not more than three departments.

Students taking more than 25 hours per week (lectures and laboratory) will not be admitted to read for distinction in any class.

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\*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 with a mark of at least 30 per cent. in any one subject.



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

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 enter 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.*

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 Language and Literature, (V.) English and History, (VI.) any two of History, Economics and Sociology, Political Science, (VII.) Philosophy, (VIII.) Mathematics, (IX.) Physics, (X.) Chemistry, (XI.) Geology, (XII.) Biology. 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 special 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 degrees with Honours, or with High Honours.

### Honour Courses.

#### I. Classics.

*Besides the Honour Courses in Classics (1, and 2, mentioned below), there is an Advanced Course. [See pp. 42-43].*

##### 1. Latin and Greek.

The course in **Latin and Greek**, as outlined on page 34 of the Calendar for 1935-36, is for the present discontinued; but candidates who have already entered upon this course will be given Honours upon fulfilling the conditions outlined in that calendar.

##### 2. Latin.

*Preliminary Classes.*—Latin 1 and 2.

Candidates taking the Honour Course in Latin are required to take Latin 3, 4, 5, 6, 7, and 8 in their third and fourth years, and sufficient elective classes to complete the total of twenty classes required for the degree. They are further required to pass in Greek 3 or 4 before they shall be recommended for Honours. In the final award the standard of attainment reached in Latin 3 and 4 will be taken into consideration. In the special Honour examinations candidates will be required to show:

A. A critical knowledge of the books prescribed in Latin 5, 6, 7 and 8.

B. Ability to translate from English into Latin prose; and ability to translate at sight passages from Latin works not prescribed.

C. A knowledge of the history of Latin Literature as in Rose, and a knowledge of Ancient Life as in: Tucker: *Life in Ancient Athens*. Fowler: *Social Life in the Time of Cicero*. McDaniel: *Roman Private Life*.

D. A knowledge of Ancient History: Greek, 5th and 4th centuries B. C.; Roman, 240 B. C. to 138 A. D.



## II. Latin and English.

*Preliminary Classes.*—Latin 1 and 2, 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 in their third and fourth years Latin, 3, 4, 5 and 6, at least five approved senior classes (with distinction) in English, 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 in undergraduate classes in English will be considered in the final award.

### Latin.

The Latin prescribed in Latin 3, 4, 5 and 6.

### English.

Two papers on Language and three on Literature from the list prescribed for Honours in English Language and Literature.

## III. Greek and English.

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

## IV. English Language and Literature.

Candidates for admission to an Honour Course in English Language and Literature must have completed the following classes or their equivalent: English 1 and 2, German 1, History 1, Philosophy 1, Latin 2, Mathematics 1, one other class in English. No candidate should expect to complete this course in fewer than four years after first coming into residence. In the last two years of the course the following classes should be completed: English 3, 4, 5, 6, 7, 12, 14, 15 and 17. Additional work, equivalent to that required for distinction in four undergraduate classes per year, shall be completed to the satisfaction of the department. In addition, the student shall take such classes in History and Foreign Languages as shall be agreed upon between the department and the Committee on Honours and Graduate Studies.

Special Honour examinations will be set, with one or more papers on each of the divisions in the following list. In making the final award, consideration will also be given

to examinations in undergraduate classes, and to such additional work as has been completed during the last three years of the course.

**The History of the English Language:** Phonology, Etymology, and Accidence.

**Old English:** The historical development of the Language and Literature to the year 1300. Grammar and translation, including sight translation from Old English prose and verse.

**Middle English:** Language and Literature from 1300 to 1500.

**The Renaissance:** English Literature (dramatic and non-dramatic) from 1500 to 1603.

**English Literature from 1603 to 1798.**

**English Literature since 1798.**

**The History of Literary Criticism.**

## V. English and History.

*Preliminary Classes.*—English 1 and 2, 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 at least five approved senior classes in English, 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 undergraduate classes in English and in 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, Political Science. (See below).

## VI. History, Economics and Sociology, Political Science.

Candidates desiring to take the Honour course in two of these departments and to complete the work for a degree in four years must take the preliminary 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.

In addition to the written examinations students may be given an oral examination by a committee selected by the departments concerned.

*Preliminary Classes.* — History 1, Economics 1, Political Science 1.

#### **History.**

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

- A. 1. A Period in Greek History.  
2. A Period in Roman History.
- B. 1. A Period in English History prior to 1603.  
2. A Period in English History since 1603.
- C. 1. A Period in Mediaeval European History.  
2. A Period in Modern European History.  
3. Another Period in Modern European History.
- D. 1. Canadian History to 1763.  
2. A Period in Canadian History since 1763.

#### **Economics and Sociology.**

One subject from each group:

- A. 1. Economic Theory and its History.  
2. Sociological Theory and its Development.
- B. 1. International Trade and Tariffs.  
2. Money and Banking.  
3. Public Finance.  
4. Labour Problems.  
5. Economic Problems of Canada.  
6. Economic History.  
7. Programmes of Social Reconstruction.  
8. Social and Vital Statistics.  
9. Population Problems.  
10. Social Legislation in Canada.
- C. A paper on a subject approved by the Department.

#### **Political Science.**

Four subjects, one from each of the following groups:

- A. A period in Constitutional History of England.  
Government of Great Britain.  
The British Commonwealth of Nations.  
Government and Constitution of Canada.

- B. International Organization.  
International Law.
- C. Ancient Political Theory.  
Modern Political Theory.  
Representative Government.
- D. A paper on a topic related to one of the fields chosen from the above examination, or a fourth field chosen in consultation with the Department.

The Department reserves the right to require a student to take such courses in other Departments as are considered necessary in his or her particular case.

Students will also be required to have a reading knowledge of French or German, and are recommended to have both.

### **Public Administration.**

The Honour Course in Public Administration is designed for two purposes: (1) To meet the needs of those students who are contemplating careers in the public service (federal, provincial, or municipal), or vocations, such as journalism, which are largely concerned with public affairs; and (2) Education for citizenship in a modern democracy such as Canada.

The aim is to provide a broadly cultural course of study rather than training for specific posts. The course will include classes from the related fields of History, Economics, Law and Political Science, as well as some special work in public administration.

*Preliminary Classes.*—History 1, Economics 1, Political Science 1.

Students intending to apply for this course should complete all compulsory classes during the first two years. They should choose French as the second language, and should complete two classes in this language, or possess at least a reading knowledge thereof.

Further announcements regarding the details of the course will be made before the opening of the college year. Students interested should consult the Professor of Political Science.

### **VII. Philosophy.**

*Preliminary Class.*—Philosophy 1.

Candidates taking the Honour course in Philosophy are required to take Philosophy 2, 3, 4, 5, 6 and 7 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 and 7 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*. McDougall: *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*; *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.**—Gomperz: *Greek Thinkers*. Adam: *Religious Teachers of Greece*. Plato: *Republic*, Books I-III, V, VI, VII. Aristotle: *Ethics*, 1-III, VII, X.

### VIII. Mathematics.

Besides the Honour Course in Mathematics mentioned below, there is an Advanced Course. [See p. 43].

#### Mathematics.

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

The requirements include Mathematics 5, 6, 7 and 8, Physics 6, 14 and 16, and another class in Physics or Mathematics.

This course can only be completed in four years by students who enter with credit in Grade XII Mathematics. Such students should take Mathematics 2 and Physics 2 in their first year, Mathematics 3 and 4 and Physics 3 in their second year, and four of the classes listed above in each of their third and fourth years.

### IX. Physics.

The Honour course in Physics can be completed in four years only by those students who enter with Grade XII or equivalent standing. Grade XII Mathematics is imperative, and both French and German are recommended.

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

The requirements include eight approved senior classes in Physics, Mathematical Physics, Mathematics and Chemistry.

Students looking forward to the Honour course in Physics should take Physics 2, Mathematics 2 and Chemistry 1 in their first year, and Physics 3, Mathematics 3, and Chemistry 2 or 4 in their second year. A class in German and one in French should also be included in the work of the first two years.

The work of the last two years includes eight classes selected from the departments of Mathematics, Physics, and Chemistry.

The special Honour examinations will be set to test (1) the student's 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 work up some part of the subject without the aid of lectures.

### X. Chemistry.

*Preliminary Classes.*—Chemistry 3 and 4, Physics 1, 2 and 3, Mathematics 1, 2 and 3. One class in German is required; two are recommended.

In order to complete this course in four years, it is necessary to enter with grade XII Mathematics and to take Mathematics 2 and 3, Physics 2 and 3, Chemistry 1, 3 and 4 in the first and second years; and Physics 4 and 6, Chemistry 5, 7, 8, 9, and 6 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 exceptional skill in some special branch of laboratory work. The standard of attainment shown in Physics 4 and 6 (Distinction courses), and in Chemistry 5, 7, 8, 9, and 6 or 10, will be considered in the final award.

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

- A. Inorganic and Analytical Chemistry.
- B. Organic Chemistry.
- C. History of Chemical Theory and Physical Chemistry.
- D. Practical Chemistry.



### XI. Geology.

*Preliminary Classes.*—Geology 1, Mathematics 2, Physics 1 or 2, Chemistry 1 and 2.

Candidates for Honours in Geology will be required to take Geology 2, 3, 4, 5, 6 and 7, Physics 4 (5 and 7 optional), and Chemistry 5 and 7.

Honour students are required to take the classes in Surveying 2 and Mechanics 2 and 5 before graduation. Women students need take only Surveying 1, but will be required to take some field surveying around the campus.

Students wishing to specialize in Palaeontology must take Biology 1 and allowance will be made for this subject in the prescribed courses.

### XII. Biology.

*Preliminary Classes.*—Chemistry 1 and 4, Physics 1, Biology 1, 2 and 12. One class in German is required; two are recommended.

The requirements include seven senior classes in Biology and related subjects.

Students coming from Grade XII require four years to complete this course. Such students should take Biology 1, Chemistry 1 and Physics 1 in their first year; Biology 2 and 12, and Chemistry 4 in their second year; and the seven senior classes mentioned above in the third and fourth years.

An adequate knowledge of field conditions will be required. This may necessitate supervised work during the summer.

The special Honour examinations will be set to test:

- A. General knowledge of the subject.
- B. More detailed knowledge in either Botany or Zoology.
- C. Aptitude for independent investigation.

## Advanced Courses.

Besides the Ordinary Course in Arts and Science and the Honour Courses in certain subjects and groups of subjects, described in the preceding pages, Advanced Courses are offered in certain departments to those students who have taken a creditable Grade XII standing, or an equivalent postmatriculation standing, and who have shown aptitude in certain subjects. These Advanced Courses are of four years' duration (In certain cases a student, who has completed his first year's work in the Ordinary Course in Dalhousie University, will be allowed to enter as a beginner in the Advanced Course).

A Grade XII, or other student, who is contemplating entering one of these Advanced Courses, should carefully study the requirements, and map his Grade XII work accordingly, as the requirements vary for the different Advanced Courses.

### I. Classics.

The following course is offered for those students who have complied with the regulations on page 55 (Classics Entrance Scholarships). Hours to be arranged.

For the present Latin II and III and Greek II and III will be given in alternate years.

**Greek I.**—Lucian: Select Dialogues. Plato: *Apology*. Homer: *Odyssey*, Books IX, XI. Euripides: *Medea*.

**Latin I.**—Livy: Book I. Terence: *Phormio*. Vergil: *Aeneid*, Book VI. Horace: *Odes* (selected). Catullus: Selections.

**Greek II.**—Demosthenes: *Philippics I-III*; *Olynthiacs, I, II*. Thucydides: Book II. Homer: *Iliad*, Books I, VI. Aeschylus: *Prometheus Vinculus*. Aristophanes: *Frogs*.

**Latin II.**—Tacitus: *Annals*, Books I, II. Cicero: *IV Verrine*. Vergil: *Aeneid*, 3 Books. Juvenal: *Satires* (selected). Livy: Book XXII. Plautus: *Captivi*.

**Greek III.**—Plato: *Republic*, Books I-IV. Demosthenes: *De Corona*. Herodotus: Books VII-IX. Sophocles: *Oedipus Rex*. Theocritus: Selections. Aristophanes: *Clouds*. Homer: *Odyssey*, Books V-VIII.

**Latin III.**—Cicero: *Letters* (selected); *De Oratore I*. Pliny: *Letters* (selected); or, Seneca: *Letters and Essays* (selected). Vergil: *Georgics*, Books I, III. Tacitus: *Histories*, Books I, II. Horace: *Satires*. Plautus: *Rudens*.

**Greek IV.**—Plato: *Republic*, Books V-X. Aristotle: *Poetics*; *Ethics*, Books I-IV. Thucydides: Books VI, VII. Aeschylus: *Agamemnon*. Pindar: *Odes* (selected); or, Smyth: *Melic Poets*.



**Latin IV.**—Cicero: *Offices I; Philippics II*. Tacitus: *Annals*, Books III-VI. Quintilian: Book X. Horace: *Epistles; Ars Poetica*. Martial: Selections. Elegists: Selections. Lucretius: Books III, V.

First Year: General History of Greece and Rome.  
 Second Year: Outline of Literary History.  
 Third Year: Outline of Ancient Philosophy.  
 Fourth Year: Introduction to Philology.  
 Throughout: Composition and Sight Reading.

## II. Mathematics.

The following course is offered for those students who have complied with the regulations on page 55 (Mathematics Entrance Scholarships). This course extends over four years. The preparation required for admission to it includes the regular Mathematics classes in Grade XII, including Algebra, Geometry, and Trigonometry, and also the class in Physics in that grade. Students taking this course will, in their first year, begin the study of the Calculus along with a suitable preparation in Analytical Geometry, and also take the class in Mechanics, Hydrostatics, Heat, Light and Sound. The course for the year also includes classes in English and a foreign language.

The remaining three years of the course includes Mathematics 3, 4, 5, 6, 7, and 8, Physics 6, 14, and 16, and another class in Physics and Mathematics, the details of which classes are to be found on pages 86-89.

## III. Modern Languages and History.

This course is open to those who have studied both French and German, and who have creditably attained Grade XII or equivalent standing. (Students are expected to complete the equivalent to Grade XII Mathematics before entering the course). Students in this course will continue the study of French and German for four years with the aim of becoming fluent in both languages. They will also study English literature. They will make a general study of European History and give special attention to the political and social developments in the periods covered by their studies in literature.

### First Year.

**French:** Students in the Advanced Course will be expected, as a minimum, to enter having compassed work similar to that described in French 1 (p. 71), and to be able to go on with such a course as described in French 2 with Distinction (pp. 71-72).

**German:** Students will continue to drill in German grammar. They will be exercised in German composition and in conversation classes conducted in German. They will be required also to read largely in German prose and poetry, especially contemporary authors.

**History:** Sketch of European History since the fall of the Roman Empire.

**English:** English 1 (p. 76).

**Latin:** Latin 2 (p. 68).

#### Second Year.

In this year, students will commence an intensive study of the whole field of **French** and **German** literature, their studies being designed also to give them a mastery of the idioms of the two languages.

**History:** Courses in History will be offered in this and in succeeding years which give special attention to the periods covered by the courses in French and German literature.

**English:** English 2 (p. 76).

Other studies may be pursued on the direction and advice of the professors in the course.



## OTHER COURSES.

### Course for 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, organ, violin, or voice. 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 knowledge of French and German equivalent to French 1 and German 1.

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

#### First Year.

1. Harmony in not more than four parts.
2. Analysis of Form.
3. Strict Counterpoint in two and three parts.
4. History of Music.
5. English 1.
6. Practical Music.

#### Second Year.

1. Harmony in not more than four parts, including writing for strings.
2. Strict Counterpoint in not more than four parts.
3. Double Counterpoint at the octave and fifteenth; Canon and Imitation in two parts; Fugue as far as Exposition.
4. History of Music.
5. English 2.
6. Practical Music.

#### Third Year.

1. Harmony in not more than five parts.
2. Counterpoint in not more than five parts.
3. Double Counterpoint; Canon and Imitation; Fugue in not more than four parts.
4. Form, including Analysis of a full Orchestral Score.
5. Acoustics, in its relation to the Theory of Music.
6. Orchestration.
7. Exercise composed by the candidate:-
  - (a) A solo song with pianoforte accompaniment.
  - (b) A four-part vocal composition.
  - (c) An instrumental composition (other than a dance) for pianoforte, organ, or other stringed or wind instrument, with pianoforte accompaniment;  
or,  
Practical Music.

#### 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.

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.

Owing to the affiliation of the Halifax Conservatory of Music with the University, the work and examinations in Theory and Practical Music taught at that institution will be accepted on the degree course.

### **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. 24).

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 and theoretical tests set by that institution may be exempted from the examinations and practical tests in the subjects of the first year.

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 24th, the application being accompanied by the proper fee (see p. 67) 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 Course.**

Students of Pharmacy may obtain the degree of B. Sc. (Pharmacy) by taking certain classes in the Faculty of Arts and Science in addition to the classes in the purely Professional subjects. (See p. 31).



**Other Pharmacy Courses.**

The Maritime College of Pharmacy, with the co-operation of the University, offers two other courses in Pharmacy, an Elementary Course for Pharmacy Clerks, and a Diploma Course for those who desire to become Registered Pharmacists. These courses are carried on in the University buildings, and the students are subject to University regulations and discipline.

The Elementary 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 X. Attendance on this course is prerequisite to the Diploma Course.

The Diploma Course begins on Thursday, Sept. 30th, 1937, and ends with the University session. The matriculation requirements are the same as those for the M.D., C.M. and D.D.S. degrees. (See page 22). The course, which covers two years and includes Chemistry, Physics, Biology, Materia Medica, Pharmacy, Prescriptions and Dispensing, is designed to prepare the student to pass the final licensing examinations of the Pharmaceutical Societies and Associations of the Maritime Provinces. A diploma is granted for the satisfactory completion of this course.

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

**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 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.

For admission see Matriculation requirements p. 22.

The Course is one requiring three years, namely:

**First Year.**—English 1, Mathematics 1, Chemistry 1, Drawing 1, French 1 or German 1 or Latin 1, Surveying 1.

**Second Year.**—English 2E, Mathematics 2, Physics 2, Mechanics 3, Drawing 2, Surveying 2, Economics 1.

**Third Year.**—Mathematics 34, Physics 3, Chemistry 2, Mechanics 2, 4, 5, Drawing 3.

Shopwork with machine tools is required by the Nova Scotia Technical College of students in electrical and mechanical engineering at the beginning of their junior year. Instruction in this subject is given by the N.S.T. College in a three weeks' course immediately preceding the opening of their regular college session. It is required that the students in these two branches of Engineering attend the shopwork course at the time specified.

Industrial or engineering experience of a practical nature for a total period of from three to six months is required by the N.S.T. College before the granting of a degree. A portion of this experience must be obtained in the branch of engineering which the student is pursuing in college. Machine shop practice at the Technical College is not considered as equivalent to any portion of the period of practical experience required.

The Surveying Camp, conducted under the auspices of the Nova Scotia Technical College on the grounds of the Agricultural College, Truro, must be attended by all students who contemplate taking Surveying 2 during the following session.

If the degree sought is in Mining Engineering, Geology 1 should be added to the course prescribed above in the third year.

Engineering students may obtain the degree of B. Sc. by taking certain Arts classes in addition to those specified above, see p. 31.

#### **Degree in Arts or Science with Diploma in Household Science.**

Undergraduates who have credit on admission for classes equivalent to certain classes of the first year may arrange their classes so that in four years' time they may obtain the degree of Bachelor of Arts or of Science and also a diploma in Household Science. In this course students must take Chemistry 1, 2 and 4, Physics 1, Biology, and Biochemistry. These classes are prerequisite for advanced classes in foods given at



the Halifax Ladies' College. In the second and third years classes will be taken both at the University and at the Ladies' College. In the fourth year only one class will be taken at the University, and the student must be in residence at the Ladies' College to complete her work in Household Science.

The degree in Arts or Science with the diploma in Household Science will be recognized by institutions which require an applicant to have a degree in Household Science. It will also qualify for the teaching of Household Science in the public schools of Nova Scotia.

### **Diploma in Education.**

Candidates for admission to the course leading to a Diploma in Education must have received the B. A. or B. Sc. degree from a College or University recognized by the Senate for the purpose.

By arrangement with the Nova Scotia Department of Education, graduates in Arts or Science who have completed the course leading to a Diploma in Education subsequent to receiving their degree in Arts or Science may receive a permanent Superior First Class Licence to teach in any public school in Nova Scotia. This course, or its equivalent at another College or University recognized by the Provincial Department of Education, must be satisfactorily completed by any university graduate who wishes to teach in the public schools of Nova Scotia, and qualifies him for a position in any high school receiving government grants. Mastery of the content of this course is a necessary step toward securing the Academic Licence.

The following are the requirements for the award of a Superior First Class Licence to college or university graduates:

1. Full age of twenty years and certificate of moral character from a Minister of Religion or two Justices of the Peace.
2. A degree of B.A. or B. Sc. from a recognized university.
3. A Superior First Rank Teacher Training Course Diploma obtained in a full year of study following the receipt of the university degree.
4. The prescribed Physical Training Certificate.

Graduates with a degree as in (2) but who are awarded a University Teacher Training Course Diploma of the First Rank may be awarded a Teacher's Licence of the First Rank and a Superior First Class Licence after one year of successful teaching as certified by an Inspector.

The First Rank Diploma is awarded to students who satisfy the examiners in the theoretical part but not in the practical part of the Diploma examinaion.

The required subjects for the Superior First Rank Diploma are four classes in Education, together with at least one in an academic subject. Education 1 is the only class in Education for which undergraduates are permitted to register. Students who have secured credit for Education 1 in their undergraduate study must complete the equivalent of five full classes during their post-graduate year. Of these, three will be classes in Education, one an academic class, and one a second academic class, or, in the discretion of the Professor of Education, the completion of a piece of practical work in education.

#### **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 by the candidate in writing, 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 be 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 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 second 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 senior 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.**

#### Course in Fisheries.

The University in cooperation with the Biological Board of Canada offers a course which leads to the degree of Master of Science for those students fulfilling the requirements, and who wish to fit themselves for research in one or other of the branches of science met with in the solution of Fisheries problems. Courses are given at the University, at the Atlantic Fisheries Experimental Station and at the Atlantic Biological Station.

Those who are interested in this course should communicate with Dr. D. B. Finn, Atlantic Fisheries Experimental Station, Halifax.

## GENERAL FACULTY REGULATIONS.

### Admission to Classes.

1. Candidates for a degree must pass the Matriculation examinations (p. 21 et seq.). Only those classes which a student attends as an Undergraduate are recognized as qualifying for a degree in Arts or Science.

2. A student 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.

3. No undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications (see p. 68 et seq.).

4. The list of classes which a student may take shall include all required classes, before any elective is added, but candidates for admission to Honour courses may have this rule modified on application to the Committee on Honours.

5. 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.

**6. Any student, who at the Christmas examinations has not shown reasonable proficiency, may, at the discretion of the Faculty, be required to discontinue attendance at the University for the remainder of the session. Fees will not be reimbursed to such students.**

### Class Work and Attendance.

In order that their class work may be recognized as qualifying for a degree or diploma, candidates must conform to the following requirements:

1. All students are required to attend the classes of their prescribed course regularly and punctually.

2. They must appear at all examinations, prepare such essays, exercises, reports, etc., as may be pre-



scribed and, in case of a class involving field or laboratory work, complete such work satisfactorily.

3. 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.

4. When the work of a student becomes unsatisfactory or his attendance irregular he will be reported to the Committee on Studies who may require him to discontinue attendance in the class or classes concerned and to be excluded from the examinations.

5. 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.**

For the purpose of examination the session is divided into two terms, the separation occurring at the Christmas vacation.

In all classes other than purely laboratory classes, two examinations, at least, are held, the Christmas examinations at the end of the first term, 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. The requirements for Distinction in any class shall be determined by the department concerned, it being understood that Distinction entails independent work of high quality. To be eligible for Distinction in any class students must

obtain a grade of at least sixty-five per cent in the ordinary work of the class. The Distinction list for a class shall be published in order of merit, without division into grades. (See also p. 32).

### **Supplementary and Special Examinations.**

A student who fails to secure a position on the Pass List in a class, but who has passed in at least half of his classes and has otherwise fulfilled the requirements in class work stated on p. 52, 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.

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 August 16th, the fee (see p. 67) to be remitted with the notice.

### **Scholarships and Prizes.**

*Scholarships are awarded strictly on merit.*

*The annual payment of any Scholarship or Bursary, when not otherwise stated, 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 or her classes.*

**Any Scholarship winner, who can afford to do so, is invited to resign all or part of the financial emoluments. He will still be styled the winner of the Scholarship during its tenure. This arrangement increases the efficiency of the Scholarships Funds, as in some cases it would enable a second student of scholarly attainments to attend College, who could not otherwise do so.**

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\*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.



## OPEN TO STUDENTS IN ARTS AND SCIENCE.

**Entrance Scholarships in Mathematics and in Classics.  
Applications must be in by May 15.**

**Two Mathematics Entrance Scholarships of \$600 and \$400** (of \$150 and \$100 respectively, annually, for four years) are open to boys only who have attended any school in the Maritime Provinces or Newfoundland, and who have completed Grade XII or equivalent instruction. Students holding these Scholarships must pursue in Dalhousie University a four years' honour course in Mathematics. The Scholarships are paid in four annual instalments at the beginning of each term. Tenure of the prizes is conditional on the student winning first-class standing from year to year.\*

The two prizes above mentioned in Mathematics shall be awarded on this basis:

A creditable pass must have been received by the candidate in the subjects of English, two of Latin, Greek, French or German, Physics, and the regular Mathematical papers set for Grade XII by the Common Examining Board. In addition, candidates are tested on a special problems paper, based on Grade XII work, in Mathematics set by Dalhousie University, and rank will be determined by the candidates' standing on this problems paper only.

**Two Classics Entrance Scholarships of \$600 and \$400** (of \$150 and \$100 respectively, annually for four years) are open to boys only who have attended any school in the Maritime Provinces or Newfoundland, and who have completed Grade XII or equivalent instruction, with this proviso; that, in pursuing Grade XII studies, if not in his earlier school work, the candidate has studied both Greek and Latin. (In compensation for this double course in the Classical languages, he may omit from the Grade XII curriculum either the modern foreign language or a science). Students holding these Scholarships must pursue in Dalhousie University a four years' advanced honour course in Classics. The Scholarships are paid in four annual instalments, at the beginning of each term. Tenure of the prizes is conditional on the student winning first-class standing from year to year.\*

The two prizes above mentioned in Classics shall be awarded on this basis:

A creditable pass must have been received by the candidate in the subjects of English, Greek and Latin, Mathematics, and either a modern foreign language or a science, in the papers set for Grade XII by the Common Examining Board. In addition, candidates are tested on two special papers, one in Greek and one in Latin, set by Dalhousie University, and rank will be determined by the candidates' standing in these two papers only. Candidates should aim at reading Greek equivalent in amount to about three books of Xenophon's *Anabasis* and Latin equivalent in amount to four books of Caesar's *De Bello Gallico* and three books of the *Aeneid*.

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\*For example, a scholarship holder who failed to secure first-class standing in the first year, would not be paid the annual instalment in his second year. But, by attaining first-class standing in the second year, he would be qualified for the prize money in his third year.

### Entrance Scholarships in Modern Languages and History.

An **O. E. Smith Entrance Scholarship of \$500** (\$125 annually, for four years) is open to students who have attended any school in the Maritime Provinces or Newfoundland, and who have completed Grade XII or equivalent instruction. Students holding this scholarship must pursue in Dalhousie University a four years' advanced course in Modern Languages and History. The scholarship is paid in four annual instalments, at the beginning of each term. Tenure of the prize is conditional on the student winning first-class standing from year to year.\*

An **O. E. Smith Entrance Scholarship of \$300** (\$75 annually, for four years). This scholarship also is offered on the above conditions.

The two prizes above mentioned in Modern Languages and History shall be awarded on this basis:

A creditable pass must have been received by the candidate in the subjects of English, Latin or Greek, French and German, and Mathematics, in the papers set for Grade XII by the Common Examining Board. In addition, candidates are tested on two special papers, one in French and one in German, by Dalhousie University, and rank will be determined by the candidates' standing in these two papers only.

**Regional Scholarships.**—Three Scholarships of value \$200, \$150, and \$100, respectively, will be awarded annually to properly qualified students from each of the following regions:

- (1) Prince Edward Island.
- (2) and (3) Cape Breton Island. †
- (4) Pictou, Antigonish, and Guysborough Counties.
- (5) Halifax County.
- (6) Hants, Queens, and Lunenburg Counties.
- (7) Shelburne, Yarmouth, and Digby Counties.
- (8) Annapolis and King's Counties.
- (9) Colchester and Cumberland Counties.
- (10) Westmoreland and Albert Counties in New Brunswick.
- (11) King's and St. John Counties in New Brunswick.
- (12) Other parts of New Brunswick.

The award of these Scholarships will be determined:

By the results of a special three hour examination paper ‡set by Dalhousie University and written during the month of March at the school attended by the candidate;

and

On the record made by the candidate in the Provincial examinations of Grade XI in the Province of Nova Scotia, or the Grammar School examinations of the Province of New Brunswick, or the examinations for the Honour Diploma certificate of the Education Department of Prince Edward

\*For example, a scholarship holder who failed to secure first-class standing in the first year, would not be paid the annual instalment in his second year. But, by attaining first-class standing in the second year, he would be qualified for the prize money in his third year.

†One of the \$100 Scholarships offered to Cape Breton students is the gift of the Hebrew community of the Sydney district.

‡Application to write this Scholarship examination must be made before March 1st.



Island. It is necessary that the Grade XI certificates presented by the candidates show pass marks in all the subjects required for University matriculation into the course leading to the degree of B.A. or B. Sc. (See Matriculation requirements pp. 21-25).

The University has the following funds available for Scholarships; and from these Funds some of the above named Regional Scholarships will be given:

**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 County, bequeathed £1,000 to the University in 1887 to be used as a Bursary Fund.

**The George H. 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 from a bequest of \$57,500 by Robert Bruce of Quebec, to be used for Scholarships and Bursaries.

On the results of the matriculation examinations of September, 1937, (September 28th to October 1st, inclusive), the following Scholarships will be awarded:-

1 George H. Campbell Memorial Scholarship, of.....	\$200
1 George H. Campbell Memorial Scholarship, of.....	100
*1 Mackenzie Scholarship of.....	150
2 Sir Wm. Young Scholarships, of.....	100 each
†1 Bruce Scholarship, of.....	100

The awards will be made on the marks received in the following five subjects:-

1. English. 2. Algebra. 3. Geometry. 4 and 5. Two of Latin, Greek, French, German. For the requirements in each subject, see p. 24. Application to take the examinations must be made on forms to be obtained from the University Office.

These Scholarships are tenable for one year in the Arts and Science Faculty of Dalhousie University and are payable in two equal instalments, on October 15th and February 1st.

Holders of these scholarships may attempt to secure a degree in three years (v.p. 31) but are not eligible for First Year Scholarships described below.

**Pictou Academy Scholarship.**—In recognition of the common origin and close relation existing between Dalhousie University and Pictou Academy, the University, in 1917, on the occasion of the hundredth anniversary of the Academy, established a Scholarship of the value of \$100 to be held during his first year of attendance at this University by the winner of an Academy Scholarship recommended by the Academy for this purpose. If such per-

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

†In the awarding of this Scholarship, candidates of Scottish extraction will be given the preference.

son stands also highest among the Academy students in the Grade XII examinations, the scholarship will be increased to \$200.

**Prince of Wales College Scholarship.**—A Scholarship of \$200 annually has been established to be given to the student who stands highest in the third year examinations of Prince of Wales College, Charlottetown, and who enters the Faculty of Arts and Science of this University.

**Memorial University College Scholarship.**—A Scholarship of \$200 annually has been established to be given to the student who stands highest in the second year examinations of the Memorial University College, Newfoundland, and who enters the Faculty of Arts and Science of this University.

#### First Year Scholarships.

These Scholarships are three in number, as follows:

1 George H. Campbell Memorial Scholarship, of.....	\$200
*1 Mackenzie Scholarship, of.....	100
†1 Bruce Scholarship of \$85, tenable for three years.....	255

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) and are payable in two equal instalments, on October 15th and February 1st, the latter payment being conditional on the scholar having made satisfactory progress in his classes. They are awarded on the results of the Sessional Examination returns in courses recommended for first year students (see pp. 29 and 30).

In case a sufficient number of candidates are not eligible for these Scholarships, they may be awarded to other students who are of sufficient merit.

**The Sidney C. Oland Scholarship in Classics of \$100** is offered to the student who ranks first in first-class standing in the Advanced Course in Classics of the first year, and who is proceeding to the second year of the course.

**The Sidney C. Oland Scholarship in Mathematics of \$100** is offered to the student who ranks first in first-class standing in the Advanced Course in Mathematics of the first year, and who is proceeding to the second year of the course.

#### Second Year Scholarships.

**The O. E. Smith Scholarship.**—This Scholarship of \$500 is awarded to the student with the highest standing at the end of the **second year** of the advanced course in Modern Languages and History to enable that student to study modern languages in Europe during the succeeding long vacation.

**The Allan Pollok Scholarship.**—This Scholarship was 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 constitute the normal second year course in Arts or Science. This Scholarship can not be held along with the N.B.S. Centen-

\*In the awarding of this scholarship, candidates of the name of Mackenzie, MacLean or Fraser will be given the preference.

†Preference will be given to students of Scottish extraction.



nial Bursary, or the Jotham Blanchard Bursary. 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 which constitute a normal second year course in Arts or Science. It is tenable for two years, namely, during the third and fourth years of residence. The next award will be made in May, 1938.

**The Robert Maclellan Scholarship.**—A Scholarship of \$150, given by an anonymous donor, "in honour of the late Robert Maclellan, sometime Principal of Pictou Academy, a most inspiring teacher of the Humanities, and a delightful companion," is offered to the student who ranks first in first-class standing in the Advanced Classics course in the second year, and is proceeding to the third year of the course.

**The B'nai B'rith Scholarship.**—This Scholarship of \$100 in Modern Languages and History is awarded, at the end of the **second year** of the advanced course, to that student whose work in the second year has shown the greatest improvement over that of the first year.

**The Jotham Blanchard Bursary.**—This Bursary, being the interest of an endowment of \$1,000, 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, 1939.

**Commercial Club Scholarship.**—The Commercial Club of Halifax has offered a Scholarship of \$100 to the student of the second year of the course in Commerce who has attained the highest standing in his classes. It is tenable during the session immediately following the award.

**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."

#### Third Year Scholarships.

**Commercial Club Scholarship.**—The Commercial Club of Halifax has offered a Scholarship of \$100 to the student of the third year of the course in Commerce who has attained the highest standing in his classes. It is tenable during the session immediately following the award.

**The Khaki University Scholarship.**—From the Khaki University and Young Men's Christian Association Scholarship Fund, amounting to \$6,500, which was received from the trustees of the Khaki University, a Scholarship of the value of \$100 will

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

be awarded to a third year student in Arts and Science, to be held during his or her fourth year. The award is based on scholastic attainments but preference is given to children of men and women who served overseas.

**The Hugh Graeme Fraser Memorial Prize in Advanced Chemistry.**—This Award was founded by members of the Class of 1931 upon their graduation, both as their graduation gift to the University and in order to perpetuate the memory of their brilliant and highly respected and beloved classmate who lost his life while engaged in laboratory work in the final year of his Honour Course. The interest on a sum of money, presented by his class for this purpose, will be awarded annually, to the student who, at the end of the third year, has, in the opinion of the Department, shown such aptitude for Chemistry as to merit the award, which is tenable in the final year of the undergraduate course.

#### **Third and Fourth Year Scholarships.**

**Public Administration.**—One scholarship of \$200 will be offered for the year 1937-38 for honour students in each of the third and fourth years of the honours course in Public Administration.

#### **Other Undergraduate Prizes.**

**The Waverley Prize.**—This prize, being the interest of an endowment of \$1,000 for the purpose, will be awarded annually to the student standing highest in Mathematics 2.

**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, provided first class distinction is obtained in each class.

**The Katherine Buttenshaw Prize.**—This prize, being the interest of an endowment of \$1,000 for that purpose, will be awarded annually to the student standing highest in the advanced Mathematics classes.

**The Ross Stewart Smith Scholarship.**—This Scholarship, of the value of \$75, contributed by Mrs. Eliza Cochran Smith in furtherance of the wishes of herself and her late husband, Dr. James Ross Smith, as a memorial to their late son, Ross Stewart Smith, will be awarded to the student whose record in advanced classes shows the most distinct evidence of aptitude for scientific study, and who will remain an undergraduate at the University for the ensuing year.

#### **Graduation Prizes.**

**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, provided that the standard attained is sufficiently high in the opinion of the Faculty.



**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.

**The Avery Prize.**—This prize, being the interest of the sum of \$500 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, may be awarded on graduation to the student standing highest in the department of Government and Political Science, provided he attains a sufficiently high standard and obligates himself to pursue at least one year of postgraduate study in the same department of another University approved by the Senate.

#### OPEN TO ALL STUDENTS

**The William Inglis Morse History Prize.**—This prize, of the value of \$250, is offered by Dr. William Inglis Morse for the best essay on an historical subject, based on original work done in the Nova Scotia Archives.

#### W. H. Dennis Prizes for English Compositions.

Two Prizes, known as the **Joseph Howe Prizes** are offered for Poems (in any style,—lyric, dramatic, narrative). The First Prize has a value of \$200 in cash. The Second Prize has a value of \$100 in cash.

Two Prizes, known as the **James DeMille Prizes**, are offered for Prose Compositions (which may take the form of short stories, essays, or narrative sketches). The First Prize has a value of \$200 in cash. The Second Prize has a value of \$100 in cash.

All the above Prizes are offered annually, through the generosity of Senator W. H. Dennis.

**The Dr. William Inglis Morse English Essay Prize.**—This prize, of the value of \$100, will be awarded for the best essay on a subject to be chosen by the Donor.

**The Overseas League Essay Prize.**—This prize, being the interest of a fund of \$1,000 given by the Halifax Branch of the Overseas League, 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.

**The Maritime Provinces Association Scholarship.**—A Scholarship of \$50 is offered by the Maritime Provinces Association of Toronto in 1937 and 1938 for an essay on one of a selected list of subjects. For further information apply to Professor H. L. Stewart.

**The Rhodes Scholarships.**—A Rhodes Scholarship is tenable at the University of Oxford and may be held for three years. Since, however, the majority of Rhodes Scholars obtain standing which enables them to take a degree in two years, appointments are made for two years in the first instance, and a Rhodes Scholar

who may wish to remain for a third year must present a definite plan of study for that period satisfactory to his College and to the Rhodes Trustees.

Rhodes Scholars may be allowed, if conditions are approved by their own College and by the Oxford Secretary to the Rhodes Trustees, either to postpone their third year, returning to Oxford for it after a period of work in their own countries, or to spend their third year in postgraduate work at any University of Great Britain, and in special cases at any University on the continent of Europe, in the Overseas Dominions, or in the United States, but not in the country of their origin.

The stipend of a Rhodes Scholarship is fixed at £400 per year. At most colleges, and for most men, this sum is not sufficient to meet a Rhodes Scholar's necessary expenses for term-time and vacations, and Scholars who can afford to supplement it by say £50 per year from their own resources will find it advantageous to do so.

Conditions of eligibility:—A candidate to be eligible must:—

1. Be a British subject, with at least five years' domicile in Canada and unmarried. He must have passed his nineteenth, but not his twenty-fifth birthday on October 1st of the year for which he is elected.
2. Have reached such a stage in his course at one of the Universities of Canada that he will have completed at least two years at the University in question by October 1st of the year for which he is elected.

Candidates may apply either for the Province in which they have their ordinary private domicile, home, or residence, or for any Province in which they have received at least two years of their college education before applying.

**Basis of Selection.**—In that section of the Will in which he defined the general type of scholar he desired Mr. Rhodes mentioned four groups of qualities, the first two of which he considered most important.

1. Literary and scholastic attainments;
2. Qualities of manhood, truth, courage, devotion to duty, sympathy, kindliness, unselfishness, and fellowship;
3. Exhibition of moral force of character and of instincts to lead and to take an interest in his schoolmates;
4. Physical vigour, as shown by interest in outdoor sports or in other ways.

Distinction both in character and personality and in intellect is the most important requirement for a Rhodes Scholarship, and it is upon this that Committees will insist. Success in being elected to office in student organizations may or may not be evidence of leadership in the true sense of the word. Mr. Rhodes evidently regarded leadership as consisting in moral courage and in interest in one's fellow men quite as much as in the more aggressive qualities. Physical vigour is an essential qualification for a Rhodes Scholarship, but athletic skill is of less importance than the moral qualities developed in playing outdoor games. Poverty does not give a special claim to a Scholarship. The strongest candidate should be appointed regardless of his financial circumstances.

Full particulars can be obtained from J. W. Godfrey, Box 454, Halifax, N. S., Secretary of the Selection Committee for the Province of Nova Scotia.



Each candidate for a Scholarship is required to make application to the Secretary of the Committee of Selection of the province in which he wishes to compete not later than November 10th.

Application forms may be obtained from the Registrar's Office.

**1851 Exhibition Science Research Scholarships.**—These Scholarships of the value of £250 sterling a year, are tenable for two, or, in rare instances, three years. Additional allowances may be granted in certain cases. They are open to students, who are British subjects, 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.

#### OPEN TO GRADUATES.

**The Eddy Resident Fellowship for Women.**—This Fellowship, of the value of \$500, founded by the Board of Governors in memory of the late Mrs. E. B. Eddy, is offered annually to a graduate of Dalhousie University who shows distinct aptitude for scholarly work in any department of study. It shall be held at this University.

**The Eddy Travelling Fellowship for Women.**—This Fellowship, of the value of \$1,500, is offered triennially to a graduate of the University who has evinced unusual ability for scholarly work. It can be held at any foreign university approved by the Senate.

**The James Gordon MacGregor Memorial Fellowship in Physics.**—This Fellowship is awarded annually to a graduate of this or other University. The holder of the Fellowship is required to give twelve hours per week to teaching work in the department of Physics.

**Public Administration.**—Two scholarships, one of \$350 and one of \$250 will be offered for the year 1937-38 to graduates of Dalhousie or any other Canadian University for graduate study in the field of Public Administration.

**Daughters of the Empire Post-Graduate Scholarship (Overseas).**—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 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." A candidate must either hold a recognized degree or be in his or her final year proceeding to a degree. For further information apply to the Head Office of the Order for Canada, 182 Lowther Ave., Toronto 4, Ont., or to the Provincial Educational Secretary, Miss Janet B. Wolfe, 80 Windmill Rd., Dartmouth, N.S.

The Scholarship may be awarded for a second year to the same candidate, providing his or her record is satisfactory. If there be no first-class candidate, the scholarship shall not be awarded. The appointment is subject to cancellation at any time if the successful candidate does not continue to show fitness to hold the scholarship.

A candidate shall be entitled to apply in the province in which the University from which he or she graduates is situated, irre-

spective of his or her place of residence in Canada. Candidates living in Prince Edward Island must apply for the Scholarship in that Province, but they may attend a university anywhere in Canada.

**National Research Council Scholarships.**—Bursaries of the value of \*\$750 will be open to award to applicants who have graduated with high standing in scientific study. Studentships of \*\$1,000 are awarded to those who have done satisfactory original graduate research, and Fellowships of \*\$1,200 to those who have indicated capacity to conduct independent research. They are tenable for eight months at a Canadian University.

Beginning with the year 1937-38 the Research Council has instituted six Special Scholarships of two classes, to be held at the National Research Council Laboratories in special fields of research (engineering, radio, radiology, aeronautics, refrigeration, etc.) in which facilities are not available elsewhere in Canada. Class (a) consists of four Special Scholarships open to applicants who have covered the requirements for an M. Sc. or equivalent degree. They are of the value of \$750 and tenable for twelve months. Class (b) consists of two Special Scholarships open to applicants who have completed the work for a Ph.D. or equivalent degree, and who desire to bridge the gap between their academic training and their employment in industry or elsewhere. They are of the value of \$1000 and tenable for twelve months.

Applications for all National Research Council Scholarships must be made before March 1st in each year. Detailed information and application forms may be obtained from the Registrar.

\*(For the coming year, 1937-38, the values have been reduced to \$500, \$600 and \$700 respectively.)

**Royal Society of Canada Fellowships.**—Ten annual Fellowships, each of \$1,500, and open on equal terms to men and women, will be offered in 1938. They are tenable at institutions of learning or research, save in exceptional circumstances, outside of Canada. They are available for advanced research in Literature, History, Anthropology, Sociology, Political Economy, or allied subjects, in French or English; and in Mathematics, Chemistry, Physics, Geology, Biology, or subjects associated with any of these sciences.

An applicant for a Fellowship should be a graduate of a Canadian university or college, or should have received an equivalent training in a Canadian institution possessing adequate facilities in his particular subject, and, except in special cases, should have the Master's degree or its equivalent, or, preferably, have completed one or more years' work beyond that degree.

Applications, addressed to "Secretary, Royal Society of Canada Fellowships Board, House of Commons, Ottawa, Canada," should contain particulars of the candidate's age and place of birth, a full statement of his academic career, with copies of original papers and any other evidence of his ability and originality in his chosen field; also an indication of the particular work he proposes to undertake, at what institution, and under whose direction, and should be supported by recommendations from the head of the department of the institution in which the candidate has studied, and from the instructors under whom he has chiefly worked.



Applications for 1938 Fellowships will be received at any time up to February 1, 1938.

Further particulars may be obtained from the Registrar, and application forms and regulations from the Secretary.

### Aid Funds.

#### **The Elizabeth McKenna Scholarship Fund.**—

This Fund was instituted in 1928 by Mr. James D. McKenna, of Sussex, N. B., to commemorate the seventieth anniversary of the marriage of his parents, Peter and Elizabeth McKenna, of Dartmouth, N. S. For the present one Scholarship of the value of \$200 will be open to award. It is tenable for one year by a student intending to enter the Faculty of Arts and Science. Applicants must be bona fide residents of one of the Maritime Provinces and in need of financial assistance. Applications, accompanied by certificates showing worthiness, financial circumstances and academic qualifications, must be submitted before September 1, 1937.

**University Aid Fund.**—This Fund has been established to provide assistance toward the payment of tuition fees for meritorious students who are unable to attend the University without assistance. Applications accompanied by certificates showing worthiness, financial circumstances, and academic qualifications must be submitted before September 1, 1937.

**The Leonard Foundation**, created by Lieut. Col. and Mrs. R. W. Leonard, of St. Catharines, Ont., has established a number of Scholarships, tenable at certain specified colleges, of which Dalhousie is one, for selected students of certain defined classes. Applications must be in the hands of the Foundation on or before May 1st. For detailed information and application forms for either new grants or renewal of previous grants address the President.

### 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 (including Library Fee of \$5.00).....\$ 15.00

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

Payable by students taking more than one class (including Library Fee of \$5.00).....	\$ 20.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day.....	2.00
Additional annual fee charged to those students from outside the British Empire entered in professional or pre-professional courses previous to 1935,.....	150.00
to such students entered in 1935,.....	200.00
and, to such students entered in 1936 and thereafter	250.00

#### For Tuition.

For each class other than a Commerce class, not involving work in laboratory or draughting-room.....	25.00
For Education 1.....	27.00
For each Commerce class.....	35.00
**For each draughting-room class.....	35.00
**For laboratory classes in—Geology.....	35.00
“ “ “ “ —Biology, Botany, Zoology.....	40.00
“ “ “ “ —Physics, Chemistry (other than Chemistry 10).....	45.00
“ “ “ “ —Chemistry 10.....	50.00
For students taking one of the regular Engineering courses the tuition fee, including laboratory fees, for the first year will be.....	180.00
and for each of the second and third years the maximum inclusive fee will be.....	200.00
For course leading to Education Diploma.....	100.00
For students taking the Fisheries Course the tuition fee will be.....	100.00
For course for M. A. or M. Sc. degree not involving laboratory work.....	75.00
Ditto, involving laboratory work.....	100.00
For changing course of study after October 13th, 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:

Up to and including October 13th, a student may retire from a class for which he has paid, and his class fee will be refunded; but if he retire after that date, his fee will not be refunded, except as stated below.

If a student is compelled to withdraw from the University before December 1st through illness or for some other equally valid and accepted reason, one-half of his tuition fees will be refunded. If for like reasons he is compelled to withdraw between that date and February 1st, he will be allowed to take his classes a second time at half rates.

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

\*\* See Laboratory Deposit, p. 17.



**For Examinations.**

*An application for Examination must be accompanied by the proper fee.*

Matriculation examination at an outside centre.....	\$ 5.00
Each Supplementary examination in Arts or Science.....	12.00
Each Special examination in Arts or Science.....	12.00
Examination for the Degree of B. Mus., First Year.....	10.00
“ “ “ “ “ “ Second Year.....	15.00
“ “ “ “ “ “ Third Year.....	20.00
“ “ Diploma of L. Mus., First Year.....	10.00
“ “ “ “ “ “ Second Year.....	15.00
Each Supplementary examination in Music.....	5.00
Examination for the degree of M. A. or M. Sc.....	15.00
Ditto, at an outside centre.....	30.00

**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
†B. A., B. Sc., B. Com., B. Mus. Diplomas.....	10.00
†L. Mus., Engineering, Household Science, Education diplomas.....	6.00
†M. A. or M. Sc. diploma.....	25.00
<i>Ad eundem gradum</i> diploma.....	10.00
Additional fee for any degree conferred <i>in absentia</i> at the Spring Convocation.....	10.00

See Pages 18 to 20 for

**Loan Funds.**

**Caution Deposit.**

**Laboratory Deposits.**

**Fee for support of Student Organizations.**

\* A Certificate of Standing is issued on request without charge. Additional copies if required will be issued on receipt of 50c. per copy.

†Payable before the final examinations, and returnable in case of failure.

## COURSES OF INSTRUCTION.

### I. Classics.

Professors.....E. W. Nichols (Head of Dept.), A. K. Griffin.  
Associate Professor.....Lionel Pearson.  
Lecturer.....J. W. Logan.

#### Latin.

**Elementary Latin.**—*Tu., Th. and S. at 11 a. m. and another hour to be determined after the class is formed.*

This class is intended for beginners in Latin, and for those who have insufficient preparation to enter Latin 1. Students whose work is satisfactory will be admitted to a Matriculation examination in Latin held in April. Those intending to qualify for this examination must do much of the reading by private study, and must devote much more time to the subject outside of class hours than is required in ordinary undergraduate work.

Text Book: Collar and Daniel: *First Year Latin* (Ginn). Other books will be announced at the beginning of the session.

1. (1) *Tu., Th. and S. at 10 a. m.*

Prerequisite.—Matriculation Latin.

*A Latin Reader*, with an introduction to Roman History, etc. (Petrie's, Oxford Univ. Press). Latin Grammar. Latin Prose Composition. Exercises in sight translation.

Text Books: *A Latin Reader*, with an introduction to Roman History, etc. (Petrie's, Oxford Univ. Press). Lewis and Goddard: *Foundations for Latin Prose Composition* (Heinemann). Allen and Greenough: *New Latin Grammar* (Ginn).

2. (1) *M., W. and F. at 11 a. m.*; (2) *Tu., Th. and S. at 11 a. m.*

Prerequisite.—Latin 1.

Livy: Book 1. Catullus: Selections. Horace: *Odes* (selected). Vergil: *Aeneid*, Book VI. Latin Grammar. Latin Prose Composition. Exercises in sight translation.

Text Books: Livy: Book 1 (Freeman's, Oxford Univ. Press). Catullus (Macnaghten and Ramsay's, Duckworth). Horace: *Odes and Epodes* (Smith's, Ginn). Vergil: *Aeneid*, Book VI (Page's, Macmillan). Allen and Greenough: *New Latin Grammar*. Lewis and Goddard: *Foundations for Latin Prose Composition* (Heinemann).

3. (1938-39). *Tu. and Th. at 11 a. m.*

Prerequisite.—Latin 2.

Tacitus: *Histories*, Books 1, \*II, Chapters 1-70. Horace: *Satires* (selected). Latin Prose Composition. Exercises in sight translation.

Text Books: Tacitus: *Histories*, Books I, II (Moore's, Macmillan, Toronto). Horace: *Satires and Epistles* (Morris', Amer. Book Co.).

4. (1937-38). *Tu. and Th. at 11 a. m.*

Prerequisite.—Latin 2.

Cicero: *Fourth Verrine Oration*. Plautus: *Captivi*. Juvenal: *Satires* (selected).

Text Books: Cicero: *Fourth Verrine Oration* (Hall's, Macmillan). Plautus: *Captivi* (Elmer, Allyn & Bacon). Juvenal: *Satires* (Duff's, Cambridge Univ. Press.).

\*For private reading by students seeking Distinction.



5. (1938-39). *Hours to be arranged.*

Plautus: *Mostellaria*. Horace: *Epistles*, Books I, II; *Ars Poetica*. Cicero: *Philippics*, I, II; *Pro Cluentio*. Vergil: *Georgics*, Books, I, IV. Tacitus: *Annals*, Books, I, II.

6. (1937-38). *Hours to be arranged.*

Plautus: *Trinummus*. Terence: *Adelphi*. Cicero: *De Officiis*, Book I. Tacitus: *Agricola*. Quintilian: Book X. Livy: Book XXII. Lucretius: Book V. Juvenal: *Satires* I, VII, VIII, XIV.

7. Plautus: *Rudens*. Lucretius: Books I, III. Vergil: *Aeneid*, Books X, XI, XII. Sallust: *Jugurtha*. Cicero: *Letters* (selected),

8. Plautus: *Menaechmi*. Cicero: *De Officiis*, Book III; *De Amicitia*. Elegiac Poets (Harrington's). Martial: *Selections* (Stephenson's). Petronius: *Cena Trimalchionis*. Seneca: *Essays* (Bell, London). Augustine: *Confessions*, Book I.

Latin 7 and 8 will in general be offered only when there is a candidate for Honours in Latin, and shall not be substituted for Latin 5 and 6 in the course for Honours in Latin and Greek. A portion only of the work prescribed in Latin 5, 6, 7 and 8 will be read in class.

20. *Two hours a week; hours to be arranged.*

Selections from Caesar: *Gaulic Wars*; Vergil: *Aeneid*; Ovid: *Metamorphoses*. Latin Prose Composition and sight translation. Lectures in Roman Private Life and Roman Government.

This class is offered for those students who intend to teach Latin in High Schools. It cannot be counted towards the B.A. degree.

Text Books: Caesar: *De Bello Gallico* (Holmes', Oxford Univ. Press). Vergil: *P. Vergili Maronis Opera* (Sidgwick's, Cambridge Univ. Press). Johnson: *Private Life of the Romans*.

Other texts will be announced during the session.

### Greek.

**Elementary Greek.**—*M. and F. at 10 a. m., and Tu. and Th. at 2.30 p. m.*

This class is intended for beginners in Greek, and for those who have insufficient preparation to enter Greek I. Students whose work is satisfactory will be admitted to a Matriculation examination in Greek held in April. The statement made under Elementary Latin regarding additional work required is applicable here also.

This class may be counted toward a degree by those students who enter with full Matriculation.

Text Book: White: *First Greek Book*. Other books will be announced at the beginning of the session.

1. *Tu., Th. and S. at 10 a. m.*

Prerequisite.—Matriculation Greek.

Plato: *Apology*. Euripides: *Alcestis*. Greek Grammar. Greek Prose Composition. Exercises in sight translation.

Books Recommended: Plato: *Apology* (Adam's, Macmillan). Euripides: *Alcestis* (Blakeney's, Bell, London). Lewis and Styler: *Foundations for Greek Prose Composition* (Heinemann). Goodwin-Gulick: *Greek Grammar* (Ginn.)

**2. M., W. and F. at 11 a. m.**

Prerequisite.—Greek 1.

Lucian: *Select Dialogues*. Homer: *Odyssey*, Books IX, X (selections), \*XII. Greek Grammar. Greek Prose Composition. Exercises in sight translation.

Books Recommended: Lucian: *Charon*, etc. (Heitland's, Cambridge Univ. Press). Homer: *Odyssey*, Books VII-XII (Merry's, Oxford Univ. Press, Toronto). Fletcher and Nicholson: *Greek Prose Composition* (Copp Clark, Toronto).

**3. (1938-39). M. and W. at 12 m.**

Prerequisite.—Greek 2.

Demosthenes: *Philippics I, II, III*; \**Olynthiacs I, II*. Euripides: *Electra*. Homer: *Iliad*, Books I, \*VI.

Books recommended: Demosthenes: *Philippics* (Abbott and Matheson's, Oxford Univ. Press, Toronto). *Olynthiacs* (Glover's, Cambridge Univ. Press.). Euripides: *Electra* (Keene's, Bell, London). Homer: *Iliad*, Book I (Marchant's, Bell, London).

**4. (1937-38). M. and W. at 12 m.**

Prerequisite.—Greek 2.

Plato: *Republic*, Book I; \**Crito*. Aristophanes: *Clouds*. Homer: *Odyssey* V, \*VI. Greek Prose Composition. Exercises in sight translation.

Books Recommended: Plato: *Republic*, Books I-V (Adams', Cambridge Univ. Press). *Crito* (Keene's, Macmillan, Toronto). Homer: *Iliad*, Books XXII, XXIII (Munro's, Cambridge Univ. Press).

**5. (1938-39). Hours to be arranged.**

Thucydides, Book II. Aeschylus: *Prometheus Vincetus*; \**Eumenides*. Aristophanes: *Frogs*; \**Knights*.

**6. (1937-38). Hours to be arranged.**

Plato: *Republic*, Books II-IV. Demosthenes: *De Corona*. Herodotus, Books VII-IX. Sophocles: *Oedipus Rex*. Theocritus: *Selections*. Homer: \**Odyssey*, Books V-VIII.

A portion only of the work prescribed for Greek 5 and 6 will be read in class.

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

**Introduction to Philology.**

*Two hours per week. Hours to be assigned.*

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

This class 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 class is conducted by means of lectures and assigned readings. Reading for Distinction will be assigned early in the session.

(For a special class in Ancient History, students are referred to History 12, page 79.)

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\*For private reading by students seeking Distinction.



## II. New Testament Greek.

Prerequisite.—Greek 1.

The class and examination in New Testament Greek conducted by Professor J. W. Falconer in Pine Hill Divinity Hall, Halifax, and those conducted by Professor T. H. Hunt in the Faculty of Divinity, King's College, 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.

## III. Hebrew.

The class and examination in Hebrew, conducted by Professor W. G. Watson in Pine Hill Divinity Hall, Halifax, and those conducted by Professor T. H. Hunt in the Faculty of Divinity, King's College, 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.

## IV. Modern Languages.

Professor.....François-René Gautheron. (Head of Dept.)  
 Professor.....Lothar Richter.  
 Associate Professor.....C. H. Mercer.  
 Lecturer.....Geoffrey S. du Vernet.

### French.

For students who require it the department will recommend accredited tutors.

The University provides no instruction for beginners in French, but extra-mural classes will be formed, if a sufficient number of students apply, to provide instruction in French for matriculation.

1. (1) *Tu., Th. and S. at 9 a. m.*; (2) *Tu., Th. and S. at 11 a. m.*  
 Prerequisite.—Matriculation French.

Text Books: Bovée and Carnaham: *New French Review Grammar and Composition Book* (Heath). Michaud and Marini: *France* (Macmillan). Alfred de Vigny: *La canne de jonc* (Heath). Acremant: *Ces dames aux chapeaux verts* (Ginn). La Brète: *Aimer grand même* (Heath). G. Lenôtre: *Le roi Louis XVII et l'énigme du Temple* (Crofts). De Flers et de Cail-lavet: *Primerose* (Heath).

2. (1) *Tu., Th. and S. at 9 a. m.*; (2) *M., W. and F. at 10 a. m.*;  
 (3) *M., W. and F. at 9 a. m.*

Prerequisite.—French I. (Students entering with Grade XII standing are advised to attend the French 7 (a) course in Phonetics.)

Text Books: Fraser and Squair: *Complete French Grammar*. Ch. M. des Granges: *Histoire de la littérature française*. Molière: *L'Avare* (Pellissier's edition, Delagrave, Paris); *Le Bourgeois gentilhomme*, (Soury's edition, Delalain, Paris). La Fontaine: *Fables* (Clement's edition, Armand Colin, Paris). La Bruyère: *Les Caractères* (Selected). Kastner and Marks: *A new course of French Composition*, Book II (Dent).

Additional for Distinction: Racine: *Les Plaideurs*. Boileau: *Satires*. Fénelon: *Dialogues des morts*. Victor Hugo: *Les pauvres gens*. Labiche: *La poudre aux yeux*.

**3. Tu, and Th. at 3.30 p. m.**

Text Books: Le Sage: *Gil Blas*. Voltaire: *Contes*. Balzac: *Le père Goriot*. Alfred de Musset: *Carmosine*. Stendhal: *La chartreuse de Parme*. Kastner and Marks: *A new course of French composition*, Book III.

Additional for Distinction: Mérimée: *Colomba*. Lamartine: *Chefs-d'oeuvre poétiques*. Victor Hugo: *Aymerillot*. A. Daudet: *Tartarin de Tarascon*. Estaunié: *Tels qu'ils furent*.

**Senior Courses.**

**4. History of French literature from the Renaissance to the beginning of the philosophic movement (1530-1685). (1939-40). Tu, and Th. at 4.30 p. m.**

(This class and the two following will be conducted entirely in French).

Text Books: Ch. M. des Granges: *Histoire de la littérature française*. J. Vianey: *Chefs-d'oeuvre poétiques du XVIIe siècle* (Hatier). Ch. M. des Granges: *Morceaux choisis des auteurs français du XVIIe siècle*. Corneille: *Horace*. Molière: *Le Misanthrope*. La Fontaine: *Fables* (Clément's edition). Racine: *Phèdre*. Boileau: *Art poétique*.

Additional for Distinction: Molière: *Les Précieuses ridicules*. Bossuet: *Oraison funèbre d'Henriette d'Angleterre*. La Rochefoucauld: *Maximes*. Madame de la Fayette: *La Princesse de Clèves*. Madame de Sévigné: *Lettres choisies*.

**5. History of French literature from the beginning of the XVIIIth century to the romantic movement.—(1937-38). Tu, and Th. at 4.30 p. m.**

Text Books: La Bruyère: *Les Caractères*. Montesquieu: *Lettres persanes* (selected). Marivaux: *Les fausses confidences*. Voltaire, by L. Flandrin (Hatier). D'Alembert: *Discours préliminaire de l'Encyclopédie*. J. J. Rousseau: *Les Confessions* (selections). André Chénier: *Poésies choisies*.

Additional for Distinction: Saint-Simon: *La cour de Louis XIV* (Nelson). Racine: *Athalie*. Rivarol: *Discours sur l'universalité de la langue française*. Beaumarchais: *Le Barbier de Séville*.

**6. History of French literature: XIXth and XXth centuries. (1938-39). Tu, and Th. at 4.30 p. m.**

Text Books: Ch. M. des Granges: *Morceaux choisis des auteurs français des XIXe et XXe siècles*. Chateaubriand: *Mémoires d'outre tombe*. Lamartine, by M. Levailant (Hatier, Paris.) Victor Hugo, by M. Levailant (Delagrave, Paris.) A. de Musset: *Lettres de Dupuis et Cottonet*. Sainte-Beuve: *Poètes romantiques* (selected articles.) Sandeau: *Mademoiselle de la Seiglière*. A. Daudet: *Trente ans de Paris*. H. Bordeaux: *La maison*.

Additional for Distinction: Ch. M. des Granges: *Les romanciers français, 1800-1930*. A. de Vigny: *Poésies choisies*. A. de Musset: *On ne badine pas avec l'amour*. Augier: *Les Effrontés*. Rostand: *L'Aiglon*. Faguet: *L'art de lire*.



**7. (a) Phonetics.** *One hour per week.* (b) **Conversation.** *Two hours per week.*

The subject matter will deal chiefly with the life, customs and institutions of present day France.

Text Books: E. E. Paton: *Causeries en France* (Heath). Clerk and Leclercq: *L'âme française* (Nelson.) Ch. M. des Granges et Oliver Townley: *Histoire de la civilisation française* (Prentice Hall).

Additional for Distinction: De Champ and Swedelius: *Le français courant* (Copp, Clark). F. C. Roe, *La France laborieuse*. Ardouin-Dumazet: *La France qui travaille* (Heath).

**German.**

**German 1A.**—*Tu., Th. and S. at 9 a. m., and a fourth hour to be arranged when the class meets.*

Prerequisite.—Complete Matriculation standing.

German 1A is intended for students who have not had an opportunity to study German at school. By means of a fourth hour and additional work they will be expected to reach the same standard as that attained at the end of the year by students in German 1B, who enter with Matriculation German. Students may not offer both 1A and 1B for credit towards a degree.

Text Books: Schinnerer: *Beginning German* (Macmillan). Winter: *Pictorial Talks* (Pitman). Koischwitz: *Bilderlesebuch* (Crofts). Brockie: *Kommt mit!* (Bell). Pegrum: *Active German Course*, First Year (Univ. of London Press).

**1B.** *Tu., Th. and S. at 10 a. m.*

Prerequisite.—Matriculation German.

Text Books: Chiles and Wiehr: *First Book in German* (Ginn). *Lingua-phone Conversational Course*, Lessons 1 to 15. Koischwitz: *Deutsche Fibel* (Crofts). Collman: *Easy German Poetry* (Ginn). Burkhard: *Vier Kleine Lustspiele* (Heath).

**2.** *M., W. and F. at 2.30 p. m.*

Prerequisite.—German 1A or 1B.

Text Books: Chiles and Wiehr: *First Book in German* (Ginn). *Lingua-phone Conversational Course*, Lessons 16 to 30. Thoma: *Lausbuben-geschichten* (Heath). Fulda: *Bunte Gesellschaft* (Heath). Siepmann: *Perlen Deutscher Dichtung* (Macmillan). *Faust*, Part 1.

**3. German Science Reading—F.,** *at 2.30 p. m., and another hour to be arranged.*

Prerequisite.—German 1A or 1B, or equivalent reading knowledge of German.

Text Book: Curts: *Readings in Scientific and Technical German* (Holt).

**4. Conversation and Composition.**—*Hours to be arranged.*

Prerequisite.—German 2, or equivalent.

German newspapers will be read.

**5. Goethe.**—(1937-38). *Hours to be arranged.*

Prerequisite.—German 2, or equivalent.

Poetry, prose and drama will be read. Among the dramas there will be; *Egmont*; *Iphigeniae*; *Goetz von Berlichingen*.

Text Books: Vogt und Koch: *Geschichte der deutschen Literatur*. F. Vogel: *Von deutscher Dichtung* (Teubner). H. Kluge: *Auswahl deutscher Gedichte* (Bonde).

Supplementary Reading for Distinction will be arranged individually.

**6. German Literature in the XIXth Century.**—(1938-39). *Hours to be arranged.*

Prerequisite.—German 2 or equivalent.

Poetry, prose and drama will be read. Among the dramas there will be: Kleist: *Prinz von Homburg*; *Der Zerbrochene Krug*. Grillparzer: *Sappho*. Hebbel: *Agnes Bernauer*.

Text Books as in German 5.

Supplementary Reading for Distinction will be arranged individually.

**7. German Contemporary Prose.**—(1937-38). *Hours to be arranged.*

Prerequisite.—German 2, or equivalent.

Novels of Thomas Mann, Hermann Hesse, Hermann Stehr, Wilhelm Schäfer, Heinrich Carossa, Hans Grimm and others will be read.

Supplementary Reading for Distinction will be arranged individually.

**8. Great German Novelists.**—(1938-39). *Hours to be arranged.*

Prerequisite.—German 2, or equivalent.

Novels of Stifter, Mörike, Eichendorff, Gottfried Keller, Conrad Ferdinand Meyer, Theodor Fontane, Wilhelm Raabe and others will be read.

Text Books as in German 5.

Supplementary Reading for Distinction will be arranged individually.

**9. German Mediaeval Poetry, German Folk Song and Fairy Tale.**—(1938-39).

Prerequisite.—German 2, or equivalent.

**Spanish.**

**Spanish 1A.**—*Tu., Th. and S. at 11 a. m. and a fourth hour to be arranged when the class meets.*

Prerequisite.—Complete Matriculation standing.

This class is intended for those who have had no opportunity to study Spanish before entering college. By means of the extra hour and additional private study under the supervision of the Instructor, it is expected that such students will be able to attain the same standard in April as students who entered Spanish 1B with Matriculation Spanish to their credit. Degree credits will not be given for both 1A and 1B, although students desiring to review their Matriculation Spanish may register for both classes, the texts being different.

Text Books: Hills and Ford: *First Spanish Course* (Copp Clark). Linguaphone Conversational Course (First Series), Lessons 1 to 15. Castillo and Sparkman: *Sigamos Leyendo* (Heath). Forrester and Loly: *Vamos a México* (Heath).

**1B. M., W. and F. at 3.30 p. m.**

Prerequisite.—Matriculation Spanish.

Text Books: Pittaro and Green: *Progressive Spanish* (Heath). Linguaphone Conversational Course (Second Series), Lessons 1 to 15. Camba: *La Rana Viajera* (Heath). Robles: *Cartilla Española* (Crofts). *La Prensa* (Spanish Newspaper) as time permits.



2. *M., W. and F. at 4.30 p. m.*  
Prerequisite.—Spanish 1A or 1B.

Text Books: Guibara: *A Businesslike Spanish Course*, Part I. Linguaphone Conversational Course (Second Series), Lessons 16 to 30. Rubio and Néel: *Spanish Fables* (Prentice-Hall). Adams: *Popular Spanish Readings* (Crofts). *La Prensa* (Spanish Newspaper).

3. (1937-38). *Tu. and Th. at 4.30 p. m.*  
Prerequisite.—Spanish 2.

Text Books: Crawford: *Un Viaje por España* (Holt). Luria: *Correspondencia Comercial* (Silver, Burdett). Wilkins: *An Omnibus of Modern Spanish Prose*. Linguaphone Conversational Course: *Spanish. La Prensa* (Spanish Newspaper).

4. (1938-39). *Tu. and Th. at 4.30 p. m.*  
Prerequisite.—Spanish 2.

Text Books: Rivero: *Libro de Temas Castellanos* (Heath). Luria: *Correspondencia Comercial* (Silver, Burdett). Lundeberg: *Lobos de Mar* (Crofts). Wilkins: *Antología de Cuentos Americanos* (Heath).

5. **History of the Spanish language.**—(1937-38). *Hours to be arranged.*

## V. Biblical Literature.

Lecturer..... W. G. Watson.

There are two university classes in the literature of the Old and New Testaments. Either one of these classes may be offered as an elective for a degree in Arts, except by a student who is offering a class in Biblical Literature as a part of an affiliated group. The class and examination in Biblical Literature conducted by the Faculty of Divinity, King's College, are recognized as qualifying for a degree for those taking the affiliated course for Divinity.

1. (1938-39). *Tu. and Th. at 4.30 p. m.*

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

Text Books: Moffatt: *Old Testament*. Fowler: *A History of the Literature of Ancient Israel*. Otley: *History of the Hebrews*. Relevant articles in Hastings' *Dictionary of the Bible*.

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

Text Books: Moffatt: *New Testament*. Booth: *The World of Jesus*. Goodspeed: *The Story of the New Testament*.

2. (1937-38). *Tu. and Th. at 4.30 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: Robinson: *Prophecy and the Prophets in Ancient Israel*. Gordon: *Poets of the Old Testament*. Charles: *Between the Old and New Testaments*.

New Testament. The history and literature of the Apostolic Age.

Text Books: Moffatt: *The Approach to the New Testament*. Norton: *The Rise of Christianity*. Relevant articles in Hastings' *Dictionary of the Bible*.

## VI. English Language and Literature.

Professor.....C. L. Bennet (*Head of Dept.*).  
Associate Professors.....J. Burns Martin, A. R. Jewitt.

### 1. Composition and Literature.—M., W. and F. at 12 m.

Prerequisite.—Matriculation English.

An introduction to English Literature through the great writers. Written exercises will be required throughout the session. Conferences for discussion of assigned readings and exercises may be required.

Text Books: Literature: *Century Types of English Literature* (McClelland and Baugh). Composition: Foerster and Steadman: *Writing and Thinking*.

In this class all students will be required to show that they have read the following novels: Goldsmith: *The Vicar of Wakefield*. Conrad: *Youth; Gaspar Ruiz* (Dent). Haliburton: *Sam Slick* (ed. Baker).

### 2. The Renaissance; Shakespeare; Milton. M., W. and F. at 12 m.

Prerequisite.—English 1.

Text Books: Hardin Craig: *Shakespeare* (Plays and Commentary). Milton: *Selections* (ed. Hanford).

Plays for special study: *Romeo and Juliet; Richard II; Hamlet; Cymbeline*.

For Distinction: Shakespeare: *A Midsummer Night's Dream; King Henry V; King Lear; The Winter's Tale*. An essay to be assigned by the instructor.

Composition: Twenty exercises in expository writing based on the work of the class.

Reference book for theme-correction: Foerster and Steadman: *Writing and Thinking*.

In this class all students will be required to show that they have read one of the following novels: Reade: *The Cloister and the Hearth*; or George Eliot: *Romola*.

### 2 E. M. W. and F. at 12 m.

Prerequisite.—English 1.

Candidates for the Diploma in Engineering should consult the instructor in English 2 at the beginning of the course.

### 3. Middle English.—(1938-39). Hours to be arranged.

Prerequisite.—English 2.

English Language and Literature from 1100 to 1500, with emphasis on the poetry of Chaucer.

Texts: *Chaucer* (ed. Robinson). *A Middle English Reader* (Emerson). Others to be arranged.

### 4. Nineteenth Century Literature.—(1938-39). Tu. and Th. at 4.30 p. m.

Prerequisite.—English 2.

An historical and analytical introduction to Romantic poetry and literary criticism.



The Pre-Romantic Poets; Wordsworth; Coleridge; Shelley; Keats; Byron; Scott; Hazlitt; Lamb; de Quincey.

Texts and Text Book: *Poetry and Prose of the Romantic Revival* (Woods).  
For Distinction: An essay on a subject assigned by the instructor.

**5. Nineteenth Century Literature.**—(1937-38). *Tu. and Th. at 11 a. m.*

Prerequisite.—English 2.

Carlyle; Tennyson; Browning; Arnold; Dickens; Thackeray; Ruskin; Newman.

Text Books: Carlyle: *Sartor Resartus* (ed. MacMechan). *Poetry of the Victorian Period* (ed. Woods).

Reference Books: Saintsbury: *History of Nineteenth Century Literature*.  
Chesterton: *Victorian Literature*. Elton: *Survey of English Literature, 1830-1880*.

For Distinction, as in English 4.

**6. Old English.**—(1937-38). *Hours to be arranged.*

Prerequisite.—German 1, or the equivalent.

Text Book: Anderson and Williams: *Old English Handbook*. Sight translation from easy texts.

**7. Elizabethan Drama.**—(1938-39). *Tu. and Th. at 9 a. m.*

Prerequisite.—English 2.

A close study of English dramatic literature from Lyly to Shirley (1580-1642), with emphasis on representative texts. The class will be conducted as a seminar. Students intending to take this class are advised to read several of the set plays during the preceding summer.

Text Book: Schelling and Black: *Typical Elizabethan Plays*.

For Distinction: A report on the investigation of a special topic assigned by the instructor.

**8. Canadian Literature.** No separate lecture course in Canadian literature will be offered during 1937-38. Due attention will be given to such Canadian writers and literary forms as come naturally within the scope of the following courses: English 1, 9, 11 and 16. An opportunity to pursue special investigations will be offered to properly qualified students who apply for it.

**9. Drama.**—(1938-39). *Tu. and Th. at 11 a. m.*

Prerequisite.—English 2.

An historical survey of the development of Drama, with emphasis on Modern Drama. Prospective students should arrange for summer reading.

For Distinction: A special study of a selected author, or an investigation of specified texts illustrating the development of drama.

**10. Advanced English Composition.**—(1938-39). *W. and F. at 10 a. m.*

Prerequisite.—English 2.

This class will be given only if a sufficient number of specially qualified students apply to be admitted. Laboratory methods will be used. There will be daily composition with criticism and revision.

**11. Modern Poetry.**—(1938-39). *M. and W. at 11 a. m.*

Prerequisite.—English 2.

English Poetry from Swinburne to Masefield. Modern American Poetry. Canadian Poetry.

For Distinction: The special study of one English and either one American or one Canadian poet.

**12. The History, Theory, and Methods of Literary Criticism.**—(1937-38). *Hours to be arranged.*

Prerequisite.—English 2.

For Honours and M. A. Students: others by special permission only.

Text Books: Saintsbury: *History of English Criticism*. Cowl: *The Theory of Poetry in England*. Richards: *The Principles of Literary Criticism; Practical Criticism*.Texts: *English Critical Essays*, "World's Classics", 240, 206, 405.**13. The History of the English Language.**—(1937-38). *M. and W. at 11 a. m.*

An introduction to the historical study of the sounds, words and forms of English. This class is suitable for those who expect to offer English as one of the requirements for the Academic Licence issued by the Department of Education of the province of Nova Scotia.

Text Books: Kennedy: *Current English*. Baugh: *History of the English Language*.**14. Poetry and Prose of the English Renaissance.**—(1937-38). *M. and W. at 9 a. m.*

Prerequisite.—English 2.

Text Books: *The Oxford Book of Sixteenth Century Verse; The Oxford Book of Seventeenth Century Verse*.**15. English Literature in the Eighteenth Century.**—(1937-38). *Tu. and Th. at 9 a. m.*Text Books: Shepard and Wood: *English Prose and Poetry, 1660-1800* (Houghton, Mifflin). For reference: Alden: *Readings in English Prose of the Eighteenth Century*.**16. The English Novel Since 1800.**—(1938-39). *M. and W. at 9 a. m.*

The class will be conducted as a seminar, at which regular reports must be presented. A list of fifty novels is prescribed, and students should consult the instructor to arrange for vacation reading before entering the course.

For Distinction: Reports on additional reading assigned by the instructor.

**17. Old Norse.**—(1937-38). *Hours to be arranged.*Text Book: Gordon: *Introduction to Old Norse*.**18. Advanced Seminar.** Members of the department are prepared to offer, to properly qualified students, the opportunity to make a special study of the works of a single author of whom a sufficient introductory knowledge has already been obtained. Admission will be strictly limited. The following may be elected: Chaucer; Spenser; Shakespeare; Milton; Dryden; Wordsworth; Arnold; Browning.



## VII. History.

Professors.....G. E. Wilson (*Head of Dept.*), A. Stanley Walker.  
*Special Lecturer*.....D. C. Harvey.

**1. History of Europe Since the Fall of the Roman Empire.**  
*M., W. and F. at 9 a. m.*

Prerequisite.—Matriculation History.

**2. Ancient History.**—(1937-38 and in alternate years).—  
*M., W. and F. at 10 a. m.*

Prerequisite.—History 1.

**3. Modern England.**—(1938-39, and in alternate years).—  
*M., W. and F. at 10 a. m.*

Prerequisite.—History 1.

**4. History of Europe since 1815.**—(1938-39, and in alternate years). *Tu. and Th. at 2.30 p. m.*

Prerequisite.—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.

**5. History of Europe, 1715-1815.**—(1937-38, and in alternate years). *Tu. and Th. at 2.30 p. m.*

Prerequisite.—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.

**6. England under the Tudors.**—(1937-38, and in alternate years). *M. and W. at 2.30 p. m.*

Prerequisite.—Two classes in History.

**7. The Fourteenth Century.**—(1938-39, and in alternate years). *M. and W. at 2.30 p. m.*

Prerequisite.—Two classes in History.

**8. History of Canada to 1837.**—(1937-38, and in alternate years). *Tu. and Th. at 10 a. m.*

Prerequisite.—History 1.

**9. History of Canada since 1837.**—(1938-39, and in alternate years). *Tu. and Th. at 10 a. m.*

Prerequisite.—History 1.

**10. Seminar Course on Canadian History with special reference to Nova Scotia.**

For Honour and M. A. students. All others must obtain the consent of the instructor.

Prerequisite.—History 8 or 9.

**11. History of the United States.**—*M., W. and F. at 10 a. m.*

Prerequisite.—History 1.

**12. A Period of Ancient History.**—(1938-39). *Two hours per week.*

Prerequisite.—History 1 and Greek 2 or Latin 2.

Intending students should consult the instructor. Reports and some study of the original authorities will be required.

20. For pre-medical and pre-dental students—*M., W. and F. at 11 a. m.*

A lecture course, with collateral reading and exercises, on the history of thought and the influence of science on civilization.

### VIII. Church History.

The class and examination in Church History conducted in the Faculty of Divinity, King's College, are recognized as qualifying for a degree for those taking the affiliated course for Divinity.

### IX. Economics and Sociology.

#### Economics.

Associate Professors....W. R. Maxwell(Head of Dept.), S. H. Prince.

1. **Principles of Economics.**—*Tu., Th. and S. at 11 a. m.*
2. **Modern Economic History.**—(1938-39). *Tu. and Th. at 3.30 p. m.*  
Prerequisite.—Economics 1.  
Text Books: Ogg and Sharp: *Economic Development of Modern Europe.* Bogart: *Economic History of the American People.*
3. **Money and Banking.**—(1938-39). *Tu. and Th. at 2.30 p. m.*  
Prerequisite.—Economics 1.
4. **Labor Problems and Trusts.**—(1937-38). *Tu. and Th. at 3.30 p. m.*  
Text Books: Fitch: *The Causes of Industrial Unrest.* Douglas, Hitchcock and Atkins: *The Worker in Modern Economic Society.* Jenks and Clark: *The Trust.*
5. **Economic Theory.**—(1937-38). *M. and W. at 9 a. m.*  
Prerequisite.—Economics 1.
6. **Programmes of Social Reconstruction.**—(1937-38). *Tu. and Th. at 9 a. m.*  
Prerequisite.—Economics 1.
7. **International Trade and Tariff Problems.**—(1938-39). *M. and W. at 9 a. m.*  
Prerequisite.—Economics 1.
8. **Economic Policy.**—(1937-38). *Tu. and Th., 2.30 to 3.30 p. m.* An introduction into the economic principles of agriculture and industry, commerce and transportation.  
Prerequisite.—Economics 1.  
Text Books: Slichter: *Modern Economic Society.* World Agriculture. Report of the Royal Institute of International Affairs. MacIntosh: *Agricultural Cooperation in Western Canada.* Mills: *Economic Tendencies in the United States.* Jackman: *Economics of Transportation.* Marshall: *Industry and Trade.*
9. **Political and Economic Geography.**—(1938-39). *Tu. and Th. at 9 a. m.*  
Prerequisite.—Economics 1, or Political Science 1, or History 1.
10. **Public Finance.**—(1937-38). *Hours to be arranged.*  
Prerequisite.—Economics 1.



**Sociology.**

Associate Professor.....S. H. Prince.

**1. Principles of Sociology.**—*M., W. and F. at 2.30 p. m.*

Text Books: Lumley: *Principles of Sociology* (2nd Ed.). Gillin and Blackmar: *Outlines of Sociology* (3rd Ed.). Park and Burgess: *Introduction to the Science of Sociology*. Maclver: *Society: Its Structure and Changes*.

Special reading list with assignments from works of Giddings, Cooley, Ellwood, Sumner, Ross, Bogardus, Ogburn, Lumley and others.

**2. The Modern Community.**—(1937-38). *Tu. and Th. at 2.30 p. m.*

Prerequisite.—Sociology 1 or Economics 1.

(i) The Social population, (ii) Ecological Organization, (iii) Demographic Differences, (iv) Maladjustments and Problems.

Text Books: Osborn and Neumeyer: *The Community and Society*. Thompson: *Population Problems*. Elliott and Merrill: *Social Disorganization*.

Reference Books: Wright: *Population*. Towne: *Social Problems*. Davie: *Problems of City Life*. Sorokin and Zimmerman: *Rural Urban Sociology*. Fairchild: *Immigration*.

Also topical bibliography supplied in class.

**3. Social Institutions.**—(1938-39). *W. and F. at 3.30 p. m.*

Prerequisite.—Sociology 1 or Economics 1.

The history development and structure of the chief institutions of social life: family, school, church, shop, state, press, etc.

Text Books: Hertzler: *Social Institutions*. Snider: *Social Institutions, Origin, Growth and Interaction*. Ginsberg, Hobhouse and Wheeler: *Social Institutions of the Simpler Peoples*. Muller-Lyer: *History of Social Development*.

**4. Social Legislation.**—(1938-39). *Tu. and Th. at 2.30 p. m.*

Prerequisite.—Sociology 1 or Economics 1.

(i) Philanthropy and Social Politics, (ii) Special Legislative Studies, (iii) Social Legislation in Canada.

Text Books: Callcott: *Principles of Social Legislation*. Jenks: *Governmental Action for Social Welfare*. Kelso: *Science of Public Welfare*. Strong: *Public Welfare Administration in Canada*. Seager: *Social Insurance*. Lippman: *Public Opinion*. Stewart: *Canadian Labour Laws*.

Reference Books: Ilbert: *Mechanics of Law-making*. *Revised Statutes of Canada*.

**Anthropology.****5. Anthropology.**—(1937-38). *M. and W. at 12 m.*

Prerequisite.—Sociology 1 or Economics 1.

Text Books: Stibbe: *Physical Anthropology*. Kroeber: *Anthropology*. Wissler: *Introduction to Social Anthropology*.

Reference Books: Kroeber and Waterman: *Source Book of Anthropology*. Lowie: *Primitive Society*. Tozzer: *Social Origins*. Goldenweiser: *Early Civilization*.

**Honour and Diploma Courses.****6. Social Theory.**—(1937-38). *Hours to be arranged.*

Prerequisite.—Sociology 1.

Text Books: Lichtenberger: *Development of Social Theory*.

Additional readings prescribed from Giddings, Bristol, Bogardus, Barnes, and other writers on historical sociology.

### 7. Public Administration.

Attention is drawn to the Honours course in Public Administration (Sociology options) for students who desire to prepare themselves to enter welfare divisions of public service.

Social Work.—Economics 1 and Sociology 1, together with three other classes in Sociology, are prerequisite to professional training in Social Work. Students may complete the requirements for a diploma in this field by one additional year of field work and study.

## X. Political Science.

Professor.....R. A. MacKay.  
Special Lecturer.....L. Richter.

### 1. Government of the British Commonwealth.—M., W. and F. at 3.30 p. m.

Books Recommended: No text will be prescribed but readings will be assigned from time to time from the following: Ogg: *English Government and Politics*. Dicey: *Law of the Constitution*. Marriott: *Mechanism of the Modern State*. Munro: *Governments of Europe*. Keith: *The Governments of the British Empire; Dominion Home Rule in Practice; Introduction to Constitutional Law; Speeches and Documents on the British Dominions, 1918-1931*. Hall: *British Commonwealth of Nations*. Kennedy: *Constitution of Canada*. Wheare; *The Statute of Westminster*. Elliott: *The New British Empire*.

### 2. International Relations and Problems.—(1937-38). M., W. and F. at 12 m.

Prerequisite.—Political Science 1, or History 1.

Text Book: Schuman: *International Politics*.

Books Recommended: Buell: *International Relations*. Brierley: *The Law of Nations*. Moon: *Imperialism and World Politics*. Hayes: *Essays on Nationalism*. Howard-Ellis: *Origin, Structure and Working of the League of Nations*. Drummond (ed.): *Ten Years of World Co-operation*. Morley: *Society of Nations*.

### 3. The Modern State.—(1938-39). Tu. and Th. at 9 a.m.

Prerequisite.—Political Science 1, or Economics 1, or consent of the Instructor.

The theory, constitution, and functions (especially social and economic) of the modern state.

Books Recommended: Laski: *The Modern State in Theory and Practice*. Finer: *Theory and Practice of Modern Government*. Slichter: *Modern Economic Society*. Buell: *New Governments in Europe*. Brady: *Canada*.

### 4. Constitution and Government of Canada.—(1938-39). M. and W. at 12 m.

Prerequisite.—Political Science 1.

No text book will be required but considerable use will be made of cases and documents from the following: Dawson: *Constitutional Issues in Canada, 1900-1931*. Kennedy: *Statutes, Treaties and Documents of the Canadian Constitution*.

### 5. Introduction to Public Administration.—(1937-38). Hours to be arranged.

Prerequisite.—Political Science 1, or the consent of the Instructor.

Descriptive study of administration in Canada with special attention to Nova Scotia and to municipal problems.



**Honour and M. A. Courses.**

Honour students taking classes numbered 2 to 5 above will be required to do additional work under the direction of the Department.

**Honour and M. A. Courses.** (Other students with advanced standing may be admitted but no student may register for any of these classes without the consent of the Department.)

6. **Introduction to Law and Legislation.**  
This class may be given in whole or in part in the Law School.
7. **Constitutional and Administrative Law.**  
This class may be given in whole or in part in the Law School.
8. **Problems of the British Commonwealth.**—(1937-38).—Seminar course. *Hours to be arranged.*
9. **International Law.** This class may be given in whole or in part in the Law School.
10. **History of Political Theory**—*Hours to be arranged.*

**XI. Law.**

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

**XII. Philosophy.**

Professor.....H. L. Stewart (Head of Dept.)  
Associate Professor.....F. H. Page.

1. **Logic and Psychology.**—*Tu., Th. and S. at 9 a. m.*  
Text Books: Logic: Creighton: *Introductory Logic*. Psychology: Woodworth: *Psychology*, 13rd Edition.
2. **History of Greek Philosophy.**—(1937-38). *W. and F. at 3.30 p. m.*  
Prerequisite.—Philosophy 1.  
Text Books: Plato: *Republic; Phaedo; Apology; Theaetetus*. Aristotle *Ethics*. Rogers: *Student's History of Philosophy*. Taylor: *Aristotle on his Predecessors*.
3. **Ethics.**—(1937-38). *Tu. and Th. at 11 a. m.*  
Prerequisite.—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.**—(1938-39). *Tu. and Th. at 11 a. m.*  
Prerequisite.—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.**—(1938-39). *Th. and S. at 10 a. m.*  
Prerequisite.—Philosophy 1.  
Text Book: Taylor: *Elements of Metaphysics*.

**6. History of Philosophy from Bacon.**—(1938-39). *W. and F. at 3.30 p. m.*

Prerequisite.—Philosophy 1.

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

**7. British Philosophy in the Nineteenth Century.**—(1937-38). *Th. and S. at 10 a. m.*

Prerequisite.—Philosophy 1.

**8. Philosophic Ideas in Literature.**—(1937-38). *W. and F. at 2.30 p. m.*

Prerequisite.—Philosophy 1.

The class 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, and G. Bernard Shaw.

**Psychology.**

Associate Professor..... F. H. Page.

**2. Social Psychology.**—(1937-38). *M. and W. at 10 a. m.*

Prerequisite.—Philosophy 1.

Text Books: McDougall: *Introduction to Social Psychology*. Allport: *Social Psychology*.

**3. Child Psychology.**—(1937-38). *M. and W. at 9 a. m.*

Prerequisite.—Philosophy 1. (With the consent of the Instructor special students may in certain cases be admitted without the prerequisite).

Text Books: Morgan: *Child Psychology* (Revised Edition). Stern: *Psychology of Early Childhood*. Koffka: *Growth of the Mind*. Gesell: *Infancy and Human Growth*. *Handbook of Child Psychology*, ed. Murchison.

**4. Abnormal Psychology.**—(1938-39). *M. and W. at 10 a. m.*

Prerequisite.—Philosophy 1.

Text Books: McDougall: *Outline of Abnormal Psychology*, Hart: *Psychology of Insanity*. Morgan: *Psychology of Abnormal People*.

**5. Psychophysical Problems.**—(1937-38). *Tu. and Th. at 10 a. m.*

Prerequisite.—Philosophy 1.

A discussion of the theories of the relation between mind and body and of the nature of the personality.

Books Recommended: McDougall: *Body and Mind*. Broad: *Mind and its Place in Nature*. Russell: *Analysis of Mind*.

**6. History of Psychology.**—(1938-39). *Tu. and Th. at 10 a. m.*

Prerequisite.—Philosophy 1.

Theories of the mind from Aristotle to the present day, including the current systems.

Reference Books: Brett: *History of Psychology*, 3 vols. Rand: *The Classical Psychologists*. Murphy: *Historical Introduction to Modern Psychology*. Boring: *History of Experimental Psychology*. Woodworth: *Contemporary Schools of Psychology*.



**Education.**

Professor.....B. A. Fletcher

All Education courses, except Education 1, are largely professional in content, and registration in all but Education I, is restricted to candidates for the Diploma in Education. For the requirements for a Diploma in Education and for a Superior First Class Licence to teach see pages 49 and 50.

**1. General Principles of Education.—M. W. and F. at 11 a.m.**

Open only to Seniors in Arts or Science and Education Students. This course is the basis of all work in Education and will make other courses in Education more intelligible if it precedes them.

Text Book: Sir T. P. Nunn: *Education; its data and first principles.*

**2. A. The History of Education.—M. at 9 a.m.**

A survey of the history of education in Europe and America, including in particular a study of the work of the pioneers of modern education.

Text Book: W. Boyd: *The History of Western Education.*

**B. Educational Psychology.—W. at 9 a.m.**

A class in individual and social psychology in relation to the problems of education. The class includes a study of the theory and practice of educational tests and measures.

Text Book: P. Sandiford: *Educational Psychology.*

**3. A. The Teaching of School Subjects.—F. at 9 a.m.**

A study of the technique of teaching the subjects studied in the public schools of Canada.

**B. School Organization.—F. at 2.30 p.m.**

A survey of the organization and practice of modern education in different types of school, and a study of the school in relation to the community.

**4. A. Observation and Practice Teaching—Tu. and Th., 9 a.m. to 12 m.**

The discussion of practical teaching methods. The preparation of practice lessons. Observation and teaching in the public schools of Halifax. Each candidate for the Diploma of Education must act as substitute teacher for three full days, without pay other than credit in this course, if asked to do so by the Supervisor of the Halifax Schools.

This class will include a period of Field Work in Education in some selected area of the Province. To cover travelling and living expenses for this course a fee of \$10 is payable.

**B. Seminary.—M., W. and F. at 10 a.m.**

Each member of the seminary will be asked to carry out a piece of individual work in a restricted field of educational theory or practice.

Group discussion. Reviews and reports will be assigned from current periodicals and works in the Education library.

### XIII. Mathematics.

*Professor*.....Murray Macneill (Head of Dept.).  
*Associate Professors*.....J. G. Adshead, Charles Walmsley.

**1. Elementary Mathematical Analysis.**—(1) *M., W. and F.* at 10 a. m.; (2) *M., W. and F.* at 11 a. m.; (3) *Tu., Th. and S.* at 11 a. m.

Prerequisite.—Matriculation Algebra and Geometry.

Algebra, including graphs, logarithms, the binomial theorem, introduction to limits, simple infinite series, derivatives and maxima of the simplest functions. Geometry of similar triangles. Plane Trigonometry, including the addition theorems and solution of triangles. Elementary Solid Geometry and Spherical Trigonometry.

**2. Analytic Geometry and Calculus.**—*M., W. and F.* at 11 a. m.

Prerequisite.—Mathematics 1.

Plane Coordinate Geometry, including equations of lines and conics. Differential and Integral Calculus with applications.

Text Book: Woods and Bailey: *Analytic Geometry and Calculus* (first half).

**3. Analysis.**—*Tu. and Th.* at 11 a. m.

Prerequisite.—Mathematics 2.

The analytical aspects of Infinitesimal Calculus, including real and complex numbers, series, exponential and hyperbolic functions, power series, Taylor's theorem, elementary Fourier series, properties of functions, systematic integration, approximate integration, gamma integrals and elementary differential equations.

Text Books: Woods and Bailey: *Analytic Geometry and Calculus* (second half). Walmsley: *Mathematical Analysis*.

**4. Geometry.**—*M. and W.* at 10 a. m.

Prerequisite.—Mathematics 2.

The geometrical aspects of Calculus, with particular reference to three-dimensional ideas and applications to Geometry, Mechanics and Physics, and including quadric surfaces, partial differentiation, multiple and line integrals, Green's theorem, etc.

Text Books: Woods and Bailey: *Analytic Geometry and Calculus* (second half). Osgood: *Advanced Calculus*.

**3A. Tu. and Th.** at 10 a. m.

Prerequisite.—Mathematics 2.

This course covers, in less detail, the work of Mathematics 3 and 4, and is arranged for candidates for the Diploma in Engineering.

Text Book: Woods and Bailey: *Analytic Geometry and Calculus*.

#### Senior Classes.

These classes are intended for candidates for Honours in Mathematics, candidates for Honours in allied subjects (e. g., Physics), and for those wishing to take mathematical work in their third or fourth year in the ordinary course in Arts or Science. They are also designed to serve as introductory courses for those



who may afterwards undertake postgraduate work in Mathematics. Mathematics 3 and 4 are prerequisite. Each class meets two hours per week, at times to be arranged.

**5. Theory of Functions of a Complex variable.**—(1938-39).

Conformal representation, conjugate functions, Laplace's equation in two dimensions, Cauchy's theorem on contour integration, theory of residues, singularities, expansions of functions, elements of the theory of doubly periodic functions, multiform functions.

Text Books: Titchmarsh: *Theory of Functions*. Goursat: *Cours d'Analyse*, t. 2. MacRobert: *Functions of a Complex Variable*. Treatises by Osgood, Burkhardt, Whittaker and Watson, Pierpont, and others.

**6. Projective Geometry.**—(1938-39).

Text Books: Graustein: *Introduction to Higher Geometry*. Baker: *Principles of Geometry*. Books by Young, Veblen and Young, Reye, Blaschke.

**7. Theory of Functions of a Real Variable.**—(1937-38).

Elements of sets of points, convergence of double and simple series, summation of divergent series, Fourier series, Lebesgue integration.

Text Books: Titchmarsh: *Theory of Functions*. Vallée Poussin: *Cours d'Analyse*. Knopp: *Unendliche Reihen*. Bromwich: *Infinite Series*. Tonelli: *Serie Trigonometriche*. Fort: *Infinite Series*. Works by Hobson, Borel, Lebesgue and others.

**8. Differential Geometry of Curves and Surfaces.**—(1937-38).

Text Book: Graustein: *Differential Geometry*. Books of reference by Vallée Poussin, Goursat, Darboux, Eisenhart.

**9. Selected topics in Modern Analysis.**—(1937-38 only).

**10. Non-Euclidean Geometry.**—(1937-38 only).

Other advanced classes may also be arranged if required.

**Seminar.**—*F. at 3.30 p. m., or time to be arranged.*

Special consideration of topics suggested in advanced courses, or in independent reading, including the reading of papers by students. The Seminar should be attended by all students taking any of the above advanced courses.

#### XIV. Physics.

Professors.....H. L. Bronson (*Head of Dept.*), J. H. L. Johnstone.  
MacGregor Teaching Fellows.....J. R. Downing, L. E. MacHattie.  
Demonstrator.....D. S. Ross.

Physics 1 and 2 are first courses in Physics, and no student is permitted to include both for a degree.

Physics 1 is intended for Arts and Science students, and for those intending to proceed to the study of Medicine and Dentistry.

Physics 2 should be taken by all Engineering students and by other students in Arts and Science who intend to major in Mathematics, Physics, and Chemistry.

**1. General Physics.**—*Lect.: M., W. and F. at 11 a. m. Lab.: Two hours per week.*

Prerequisite.—Matriculation Trigonometry or Mathematics 1, which may, however, be taken at the same time.

Text Book: Knowlton: *Physics for College Students*, 2nd Edition.

**2. Mechanics, Hydrostatics, Heat, Light and Sound.**—*Lect.:* M., W. and F., at 10 a. m. *Lab.:* F., 2.30 to 5.30 p. m., but other hours may be arranged.

Prerequisite.—Mathematics 1; which may, however, be taken at the same time.

Text Book: Kimball: *College Physics*.

**3. Electricity and Magnetism.**—*Lect.:* Tu. and Th. at 9 a. m. *Lab.:* W., 2.30 to 5.30 p. m.

Prerequisite.—Physics 1 or 2, and Mathematics 2, which may, however, be taken at the same time.

Text Books: Kimball: *College Physics*. Timbie: *Elements of Electricity*.

**4. Heat and Light.**—*Lect.:* W. and F. at 12 m. *Lab.:* M., 2.30 to 5.30 p. m.

Prerequisite.—Physics 1 or 2 and Mathematics 2, which may, however, be taken at the same time.

Grimsehl: *A Text Book of Physics, Vol. II*. Valasek: *Elements of Optics*.

**5. Physical Optics.**—(1938-39). *Lect.:* Tu. and Th. at 10 a. m. *Lab.:* M., 2.30 to 5.30 p. m.

Prerequisite.—Mathematics 2, Physics 4.

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

**6. Electricity and Magnetism.**—*Lect.:* M. and W. at 11 a. m. *Lab.:* F., 2.30 to 5.30 p. m., or to be arranged.

Prerequisite.—Mathematics 2, Physics 3.

Text Book: Starling: *Electricity and Magnetism for Advanced Students*.

**7. Thermodynamics and Kinetic Theory of Gases.**—*Lect.:* Tu. and Th. at 10 a. m. *Lab.:* M., 2.30 to 5.30 p. m.

Prerequisite.—Mathematics 2, Physics 4.

Text Books: Roberts: *Heat and Thermodynamics*. Loeb: *Kinetic Theory of Gases*. Saha: *A Textbook of Heat*.

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

Prerequisite.—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.

**Seminar and Journal Club.**—*Tu. at 5 p. m.*

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



**Mathematical Physics.**

*Professor*.....G. H. Henderson.

**13. Modern Physics.**—*Two hours lectures and one laboratory period.*

Prerequisite.—Two classes in Physics.

An introductory course, treating from the experimental side such topics as electrons, radioactivity, X-rays and the structure of matter.

**14. Mechanics.**

Prerequisite.—Mathematics 2 and Physics 2.

A general class in statics and dynamics applied to particles and rigid bodies, conducted chiefly by problem work.

Books Recommended: Lamb: *Statics; Dynamics.*

**15. Advanced Mechanics.**

Prerequisite.—Physics 14.

A continuation of the previous class.

**16. Introduction to Mathematical Physics.**

Prerequisite.—Mathematics 3 and Physics 6.

Book Recommended: Page: *Introduction to Mathematical Physics.*

**17. Mathematical Physics.**

Prerequisite.—Physics 16.

Book Recommended: Slater and Frank: *Introduction to Theoretical Physics.*

**18. Quantum Theory.**

Prerequisite.—Physics 7 and 14.

**19. Advanced Electricity and Magnetism.**

Prerequisite.—Physics 16.

Book Recommended: Jeans: *Electricity and Magnetism.*

**XV. Chemistry.**

*Professor*.....C. B. Nickerson (*Head of Dept.*).

*Associate Professors*.....Harold S. King, C. C. Coffin.

*Instructor*.....E. W. Todd.

*Demonstrators*.....L. H. Thurlow, F. B. Maddock, A. C. Topp.

**1. General Chemistry.**—*Lect.: M., W. and F. at 9 a.m. Lab.: One afternoon per week.*

Prerequisite.—Matriculation Chemistry or Physics or Mathematics.

Text Book: McPherson and Henderson: *A Course in General Chemistry, 4th Ed.*; or, Cornish: *Senior Chemistry.*

**2. Inorganic Chemistry and Qualitative Analysis.**—*Lect.: F. at 10 a. m. Lab.: M., 2.30 to 5.30 p. m.*

Prerequisite.—Chemistry 1.

The laboratory work of this class consists of Qualitative Analysis, and is designed for those who are planning to enter professional courses.

**3. Inorganic Chemistry, Qualitative Analysis and Inorganic Preparations.**—*Lect.: F. at 10 a.m. Lab.: M., 2.30 to 5.30 p. m., and one other afternoon.*

Prerequisite.—Chemistry 1.

The lecture work of this class is that of Chemistry 2; the laboratory work consists of three additional hours a week and is designed for those who expect to continue with advanced classes in Chemistry.

**4. Organic Chemistry.**—*Lect.: M. and W. at 10 a. m. Lab.: M. or W. or F., 2.30–5.30 p. m.*

Prerequisite.—Chemistry 1.

Text Book: Perkin and Kipping: *Organic Chemistry*.

**7. Quantitative Analysis.**—*Lect.: F. at 9 a. m.*

Prerequisite.—Chemistry 2 or 3.

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

Text Book: Talbot: *Elementary Quantitative Analysis*.

### Senior Classes.

These classes are intended especially for candidates for Honours in Chemistry; but any student who has passed in Chemistry 2 or 3 and 4 with Distinction may be admitted. Of these classes, Chemistry 8 and 9 are given in alternate years.

**5. Physical and Colloid Chemistry.**—*Lect.: M. and W. at 9 a. m. Lab.: Two afternoons per week.*

Prerequisite.—Chemistry 3, Physics 1 or 3, Mathematics 2.

Books Recommended: Bell and Gross: *Physical Chemistry*. Getman and Daniels: *Theoretical Chemistry*. Kruyt: *Colloid Chemistry*.

**6. Advanced Physical Chemistry.**—*Lect.: Tu. and Th. at 9 a. m. Lab.: S., 9 a. m. to 1 p. m., with three additional hours.*

Prerequisite.—Chemistry 5, German 1.

Books Recommended: Lewis: *A System of Physical Chemistry*, Vols. 1 and 2. Taylor: *Treatise on Physical Chemistry*, Vols. 1 and 2. Glasstone: *Recent Advances in Physical Chemistry*.

**8. History of Chemical Theory, Advanced Inorganic Chemistry.**—(1938-39).—*Two lectures per week. No laboratory.*

Prerequisite.—Chemistry 3 and 4.

The work of this class to the end of January deals with the early development of chemical theory. From the end of January, the lectures continue with modern theories in Inorganic Chemistry and a discussion of advanced topics in this field.

Books Recommended: Moore: *History of Chemistry*. Caven and Lander: *Inorganic Chemistry*.

**9. Advanced Quantitative Analysis.**—(1937-38). *One lecture and nine hours laboratory per week.*

Prerequisite.—Chemistry 4 and 7.

Book Recommended: Treadwell and Hall: *Quantitative Analysis*.

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

Prerequisite.—Chemistry 4 and 7.

Text Book: Whitmore: *Organic Chemistry*.

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

**Journal Club.**—Meetings are held weekly in the Physics Lecture Room. Graduate students must attend and take part in the presentation of papers.



## XVI. Geology and Mineralogy.

Professor.....G. Vibert Douglas.

**1. General Geology.**—*Lect.: M., W. and F. at 10 a. m. Field work and Lab.: Tu. and F. afternoons beginning at 2.30 p. m. Field work commences at 2 p. m. (One afternoon a week is the full requirement).*

**2. Mineralogy.**—*Five hours per week to be arranged.*  
Prerequisite.—Geology 1.

**3. Petrology.**—*Lectures, colloquium and one laboratory per week. Times to be arranged.*  
Prerequisite.—Geology 1 and 2.

**4. Economic Geology.**—*Lectures and colloquium: One afternoon per week.*  
Prerequisite.—Geology 1.

### Senior Courses.

**5. Field Geology.**—*Six hours per week to be arranged.*  
Prerequisite.—Geology 1.

**6. Advanced Economic Geology.**—*One colloquium and laboratory per week.*  
Prerequisite.—Geology 1, 2, 3, 4 and 5.

**7. Special Problems in Geology.**—*One colloquium per week.*  
Prerequisite.—Geology 1, 2, 3, 4 and 5.

**8. Experimental Geology.**—*To be arranged for individual students.*  
Prerequisite.—Geology 1, 2, 3, 4, 5 and 7.

## XVII. Biology.

Professor.....Hugh P. Bell (Head of Dept.).

Associate Professor.....F. Ronald Hayes.

Assistant Professor.....Dixie Pelluet.

**1. General Biology.**—*Lect.: Tu., Th. and S. at 9 a. m. Lab.: F., 2.30 to 5.30 p. m.; or S., 10 a. m. to 1 p. m.*

An introductory class designed to illustrate the fundamental properties of living matter. The laboratory work consists of a study of representative plants and animals.

### Zoology.

**2. Comparative Vertebrate Anatomy.**—*Lect.: Tu. and Th. at 2.30 p. m. Lab.: Tu. and Th., 3.30 to 5.30 p. m.*  
Prerequisite.—Biology 1.

**2A. Mammalian Anatomy.**—*First term only. Lect.: Tu. and Th. at 2.30 p. m. Lab.: Tu. and Th., 3.30 to 5.30 p. m.*

This class is the first term of Biology 2. It fulfils the requirements for admission to Medicine, but does not count as credit for a degree in Arts or Science.

**3. Invertebrate Zoology.**—(1938-39). *Lect.:* *M. and W. at 2.30 p. m. Lab.:* *M. and W., 3.30 to 5.30 p. m.*

Prerequisite.—Biology 1.

**4. Theoretical Biology.**—(1937-38). *Lect.:* *M., W. and F. at 12 m.*

Prerequisite.—Biology 1.

This class consists of lectures on such modern biological theories as heredity, evolution and genetics. Oral and written reports will be required of all students.

**5. Experimental Zoology.**—(1937-38). *Lect.:* *F. at 2.30 p.m.; S. at 9 a.m. Lab.:* *F., 3.30 to 5.30 p.m.; S. 10 a. m. to 12 m.*

Prerequisite.—Biology 1, Chemistry 1.

An introductory class treating from the experimental side such topics as response, co-ordination and metabolism.

**6. General Histology and Technique.**—*Ten hours per week. Lect.;* *S. at 9 a. m. Lab.:* *S. 10 a. m. to 1 p. m.; remaining periods to be arranged.*

Prerequisite.—Biology 2 or Biology 12, and permission of the Department.

**7. Advanced Experimental Zoology.**—*Lect.:* *Two hours per week. Lab.:* *Four hours per week.*

Prerequisite.—Biology 2 and 5, Chemistry 4.

This class is a continuation of Biology 5.

**8. Cytology.** *Lect.:* *Two hours per week. Lab.:* *Four hours per week.*

Prerequisite.—Chemistry 4 and Biology 6.

This class deals with methods of investigating the properties of protoplasm, cells and tissues.

#### Botany.

**12. General Botany.**—*Lect.:* *M. and W. at 2.30 p. m. Lab.:* *M. and W., 3.30 to 5.30 p. m.*

Prerequisite.—Biology 1.

An introduction to plant physiology and histology; and a survey of the plant kingdom, with special reference to the forms that illustrate the migration of plants from water to land.

**13. Algology.**—*Lect.:* *Two hours per week. Lab.:* *Four hours per week.*

Prerequisite.—Biology 12.

The work of this class is chiefly in the field, and consists of studies in Ecology, with special reference to marine and fresh water algae. The best way to obtain credit for this class is to take the course in Algology given at the Marine Biological Laboratory, Woods Hole, Massachusetts.

**14. Plant Biochemistry and Physiology.**—*Lect.:* *Tu. and Th. at 9 a. m. Lab.:* *Tu. and Th., 10 a. m. to 12 m.*

Prerequisite.—Biology 1, Chemistry 1. Biology 1 may be taken at the same time as this class.



**15. Advanced Plant Biochemistry and Physiology.**—*Lect.:* Two hours per week. *Lab.:* Four hours per week.

Prerequisite.—Biology 14.

This class is a continuation of the previous class.

**16. Plant Histology and Embryology.** *Lect. and Lab.:* Six hours per week.

Prerequisite.—Biology 6 and 12.

**17. Taxonomy of the Flowering Plants.** *Lect. and Lab.:* Six hours per week.

Prerequisite.—Biology 12.

This class includes field work during the summer.

#### Graduate Instruction.

**26. Aspects of Modern Biology.**—*Two lectures per week; hours to be arranged.*

Prerequisite.—Only graduate students who are candidates for M.A. or M.Sc. degrees can enrol in this course.

#### Biological Seminar.

Lectures and presentation of papers by members of the staff and senior students. All Honour and Graduate Students must participate.

#### Summer Courses.

Students who complete creditably any of the courses on the curriculum of the Marine Biological Laboratory, Woods Hole, Massachusetts, may, on the recommendation of the Department of Biology, present these courses for credit towards a degree.

#### Histology and Embryology.

The classes in Histology and Embryology given in the Medical Faculty may be offered as one elective for the Arts and Science degrees by those who offer a group in Biology, and for that purpose they are regarded as classes in Biology.

### XVIII. Physiology and Biochemistry.

The classes Physiology 1 and Biochemistry 1 given in the Medical Faculty may, with the consent of the departments involved, be offered as electives.

### XIX. Fine Arts.

*Lecturer*.....J. W. Falconer.  
*M. and W. at 3.30 p. m.*

This class, consisting of about fifty lectures accompanied with illustrations, will give an outline of the history of sculpture, painting, architecture, and the minor arts. The introductory lectures will be devoted to Egyptian and Assyrian Archaeology, fuller consideration will be given to Greek and Roman antiquities, while the latter part of the term will include the study of the architecture and painting of the Christian Age. A well-equipped library and many valuable photographs have been presented by the Carnegie Foundation for the use of members of this class.

Text Books: Fiske Kemball: *A History of Architecture.* George Henry Chase: *A History of Sculpture.* Arthur Pope: *A History of Painting.*

**XX. Music.**

Lecturer..... Harry Dean.

**Music 1.—Harmony and Counterpoint.**—(1937-38).

**Music 2.—History of Music, Appreciation of Music and Analysis of Musical Form.**—*Hours will be arranged to suit the classes.*

These classes are given only if a sufficient number of students apply for them.

**ENGINEERING CLASSES.**

Professors..... W. P. Copp (*Head of Dept.*), H. R. Theakston.

**XXI. Mechanics.**

**2. Advanced.**—*W. and F. at 9 a. m.*

Prerequisite.—Physics 2, Mathematics 1 and 2.

This class is intended for Engineering students, but can be offered for a degree in Arts or Science.

Text Book: Brown: *Engineering Mechanics.*

**3. Graphical Statics.**—*Lect.: M. at 9 a. m. Lab.: M., 2.30 to 5.30 p. m.*

Prerequisite.—Drawing 1.

Text Book: Malcolm: *Graphical Statics.*

**4. Mechanics of Machines.**—*Lect.: M. at 11 a. m. Lab.: W., 10 a. m. to 1 p. m.*

Prerequisite.—Drawing 1, Physics 2, Mathematics 1 and 2.

Text Book: Guillet: *Kinematics of Machines.*

**5. Materials of Construction.**—*F. at 11 a. m.*

Text Book: Mills: *Materials of Construction.*

**XXII. Surveying.**

**1. Elementary.**—*Tu. at 10 a. m. One lecture per week to first year students in preparation for the Surveying Camp.*

Prerequisite.—Matriculation Mathematics.

Text Book: To be assigned.

**2. Lect.: S. at 10 a. m. Lab.: Tu., 2.30 to 5.30 p. m.**

Prerequisite.—Surveying 1, Drawing 1, Mathematics 1 and 2 (Mathematics 2, however, may be taken simultaneously).

*Surveying Field Work.* About three weeks immediately preceding the opening of the sessional lectures. This part of the course is carried on in a united Surveying Camp, conducted under the auspices of the Nova Scotia Technical College in the grounds of the Agricultural College, Truro.

Text Book: Breed and Hosmer: *Elementary Surveying.*



**XXIII. Drawing.**

**1. Engineering Drawing.**—*Lect.: Tu. and Th. at 9 a. m. Lab.: Tu. and Th., 2.30 to 5.30 p. m.*

This class may be offered as an elective for students proceeding to the Degree of Bachelor of Science. Students intending to specialize in Science are strongly advised by the department to elect this subject, and to take it preferably during the first, but in no case later than the second, year of their course.

Text Book: French: *Engineering Drawing.*

**2. Descriptive Geometry.**—*Lect.: S. at 9 a. m. Lab.: W., 2.30 to 5.30 p. m.*

Text Books: Smith: *Practical Descriptive Geometry.*

**3. Advanced Engineering Drawing.**—*Th., 2.30 to 5.30 p. m.*

Prerequisite.—Drawing 1 and 2.

Reference Books: French: *Engineering Drawing.* Smith: *Practical Descriptive Geometry.* Cutter: *Descriptive Geometry.* Bishop: *Structural Drafting.* Carnegie Pocket Companion.

**XXIV. Commerce.**

*Professor*..... James M. MacDonald (Head of Dept.).  
*Lecturer in Commercial Law*..... V. C. MacDonald.  
*Assistant in Accounting*..... H. J. Egan.

**1. Elementary Accounting.**—*M., W. and F. at 3.30 p. m.*

Text Book: Goggin and Toner: *Accounting Principles and Procedure.* Practice Problems of Goggin and Toner.

**2. Intermediate Accounting.**—*M., W. and F. at 11 a. m.*  
Prerequisite.—Commerce 1.

Text Book: Finney: *Principles of Accounting.*

**3. Advanced Accounting Problems and Auditing.**— (1938-39). *Three hours per week.*

Prerequisite.—Commerce 2.

**4. Business Fundamentals.**—*Tu. and Th. at 9 a. m.*

Study of the basic principles of business and of the factors involved in the business cycle.

**5. Marketing and Distribution.**—(1937-38). *Tu., Th. and S. at 10 a. m.*

Prerequisite.—Commerce 1 and 4.

Text Book: *Problems in Marketing:* Problems and cases taken from the actual experience of business concerns. Readings in approved reference books to facilitate class discussion on text problems.

**6. Research in the Financial Policies and Operations and the History of Canadian Companies.**—(1937-38). *M. and W. at 10 a. m.*

**7. Industrial Finance and Investments.**—(1938-39). *Tu., Th. and S. at 10 a. m.*

Prerequisite.—Economics 1, Commerce 1 and 4.

Text Book: *Problems in Industrial Finance*; Problems and cases taken from the actual experience of Canadian business concerns. Readings in approved reference books to facilitate class discussion on text problems.

**8. Commercial Law.**—(1938-39). *M., and W. at 12 m.*

Contracts, Negotiable Instruments, and Agency.

**9. Foreign Trade.**—(1937-38). *M. and W. at 12 m.*

Analysis of Canada's foreign trade; trade routes and economic geography.

Prerequisite.—Economics 1.

**10. Statistics.**—(1937-38). *Tu. and Th. at 2.30 p. m.*

Prerequisite.—Economics 1, Mathematics 1.

Text Book: Riggelman and Frisbee: *Business Statistics*.



# 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. In 1931, there was established in memory of the late Dean Weldon, a Chair, the holder of which is called the "Weldon Memorial Professor of Law." The professorship of Contracts was held continuously from the beginning by Dr. Benjamin Russell, lately one of the Justices of the Supreme Court of Nova Scotia. Mr. Justice Russell ceased to deliver regular lectures in 1921. In 1932, there was established in his honour a Chair, the holder of which is called the "Russell Professor of Law." An additional full-time member of the staff was added in 1920, another in 1921, and a fourth in 1930. Besides the four full-time teachers, five 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 and others have lectured on special topics.

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 13,000 volumes, including all the English and Canadian Reports, a number of reports of the United States, and various sets of legal periodicals. The Library also includes a special collection of works dealing with the subjects of Legal History, Jurisprudence and Political Theory, known as the Bennett Collection.

### 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 29.

#### Regulations of the Nova Scotia Barristers' Society.

The Nova Scotia Barristers' Society will exempt from its Preliminary Examinations students who have completed Matriculation into Dalhousie or any other approved College or University, including Matriculation in Latin, and (1) have passed, at some approved College or University, ten regular classes of the course leading to the degree of Bachelor of Arts, including two classes in English and one each in Latin, Mathematics and a foreign language; or (2) who hold the degree of Bachelor of Arts, Science, or Commerce, from Dalhousie or any other approved College or University.

By virtue of an arrangement between Dalhousie University and the Society, whereby the Society appoints conjoint examiners to act with the examiners of the Faculty of Law in the consideration of examination papers, the Society exempts from its Professional Examinations holders of the degree of Bachelor of Laws from Dalhousie University, thereby enabling them to proceed to the Nova Scotia Bar without further examination.

By a recent amendment to the "Barristers' and Solicitors' Act" a student desiring admission to the Bar of Nova Scotia must serve under articles of clerkship with a practising solicitor for a period of nine months after he has received a degree in Law from Dalhousie or any other approved University; or, in the alternative, for a period of three months between the sessions of the second and third years of his course in Law and for a further period of six months after he has received his degree in law.

#### 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. 14 *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, in the judgment of the Senate, as would warrant his admission to the practice of Law. Fees cannot be refunded to students who have been dismissed for any cause.

#### 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 1937-38 will begin on Tuesday, September 14th, 1937, and end on Tuesday, December 22nd, 1937. The second term of the session of 1937-38 will begin on Tuesday, January 4th, 1938, and end on Tuesday, May 17th, 1938. The last day on which students can register for the work of this session is Saturday, September 18th, 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. 22), 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 ten electives required for the degree of Bachelor of Arts (see p. 29). Such undergraduate should arrange his Arts Course so as to take along with it 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 credits are advised that they cannot in general expect to complete the combined courses in Arts and Law in less than six years.

**Regular Undergraduates in Law.**—The requirements for admission vary accordingly as the candidate does or does not hold the degree of Bachelor of Arts, Science, or Commerce from a recognized College or

University. In detail these requirements are as follows:

(1) 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 Political Science, and any four classes to be chosen from the following:—Latin, French or some other foreign language, History, Logic and Psychology, Economics, Political Science, Accounting, a Science class, Surveying 2. [Students with credit in the Faculty of Arts for Grade XII or equivalent standing may be exempted from any of the foregoing classes, not exceeding five in number, for which they have received credit upon admission and the aforesaid number of ten classes may be reduced accordingly]. Students who have completed matriculation and have passed in all of the required classes above mentioned except one may be admitted into the Faculty of Law and allowed to take that class during their first year; but no student will be admitted as a regular student in second year law unless he has complied with all of the above requirements.

(2) Candidates for admission who present satisfactory certificates of having received the degree of Bachelor of Arts or of Science or of Commerce in course at some degree-granting College or University recognized by the Senate for the purpose may be admitted as regular undergraduates in Law whether or not their course for that degree has included the above specified subjects.

[**Note:** Under the regulations of the Nova Scotia Barristers' Society Matriculation in Latin is required in the case of all students seeking admission to the Nova Scotia Bar whether they hold degrees in Arts or Science or Commerce or not.]

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.*



Students presenting themselves for the first time to register in the University and who are looking forward to the study of Law should at the earliest possible opportunity consult the Dean of the Faculty of Law.

Undergraduates of other approved law schools may, on producing satisfactory certificates, be admitted *ad eundem statum* in this Law School. (p. 25).

### Matriculation.

For details of the requirements for Matriculation, see pp. 21-25.

### Curriculum.\*

#### First Year.—

*Both Terms.*—Contracts, History of English Law, Property I, Crimes, Torts.

#### Second Year.—

*First Term.*—Property II, Bills and Notes, Bankruptcy, Corporations, Insurance, Procedure I, Agency and Partnership.

*Second Term.*—Property II, Corporations, Equity I, Sales, Procedure I, Agency and Partnership.

#### Third Year.—

*First Term.*—Constitutional Law, International Law, Shipping, Conflict of Laws, Mortgages and Suretyship, Procedure II, Evidence, Equity II.

*Second Term.*—Constitutional Law, Legislation, Shipping, Conflict of Laws, Procedure II, Evidence.

The foregoing schedule is subject to 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. 105 *et seq.*

In addition to the work given in the regular subjects of the curriculum, special lecture courses will be given by members of the Bench and Bar. Attendance at these courses will be required.

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\*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. Nor does the University hold itself bound to adhere absolutely to the curriculum and conditions laid down.

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.

#### **Special Course of Lectures.**

Under an arrangement between the Faculty of Law of McGill University, Osgoode Hall Law School and Dalhousie University, there is an annual exchange of lecturers who give courses of three lectures on important legal topics.

#### **Mock Parliament.**

This is conducted on the model of the House of Commons of Canada with strict regard to the rules of parliamentary procedure.

#### **Moot Court.**

Each student is expected to participate each year in at least one argument in the Moot Court. The final argument each year takes place before a Bench of Supreme Court Justices.

#### **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.**

Final examinations in some subjects will be held immediately before the Christmas vacation. Examinations in the remaining subjects 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 time 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 on the day and hour set for the regular examinations, but at no other times.

Students who wish to present themselves at a supplementary examination must make written application on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the University Office. *The fee must in all cases accompany the application for examination.*

#### Medals and Prizes.

*For Scholarships and Prizes open to all students of the University see pp. 61-63.*

**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 aggregates in their respective years.

**Sir Joseph Chisholm Prize.**—A prize of \$50 will be awarded to the third year student who submits the best thesis on a legal subject. The award to be approved by the Faculty of Law.

**Vincent MacDonald Prize.**—Books to the value of approximately \$20 will be awarded to the student of the second year, who, in the opinion of the Faculty, has shown the most satisfactory progress during that year and has attained at least second-class standing.

**Carswell Essay Prize.**—Books to the value of \$15 will be awarded to the student of the first year who submits the best essay on a selected topic.

### 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 (including Library Fee of \$5.00).....	\$ 15.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	20.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day....	2.00
Additional annual fee charged to those students from outside the British Empire entered in professional or pre-professional courses, previous to 1935.....	150.00
to such students entered in 1935.....	200.00
and, to such students entered in 1936 and thereafter	250.00

#### For Tuition and Examinations.

For each class attended, when taken singly.....	50.00
Payable by those taking the regular prescribed curriculum, each year.....	250.00
Students departing from the prescribed curriculum will be charged for each class singly; but the maximum charge for three years shall be.....	800.00
For each Supplementary examination.....	15.00

#### 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 LL. B. diploma (payable before the Third Year or final examinations, and returnable in case of failure)..	20.00
Additional fee when a degree is conferred <i>in absentia</i> at the Spring Convocation.....	10.00

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

A class taken a second time is charged for as if taken for the first time.

See pages 18 to 20 for

**Loan Funds.**

**Caution Deposit.**

**Fee for support of Student Organizations.**

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

\*\*A Certificate of standing is issued on request without charge. Additional copies if required will be issued on receipt of 50c per copy.



**COURSES OF INSTRUCTION.****First Year.****Contracts.**

Lecturer .....G. F. Curtis.

*Three lectures per week, both terms.*

The class includes a study of the general principles of the law of Contract.

Text Books: Wright: *Cases on Contracts*. Anson: *Contracts*. Pollock: *Contracts*. Title on *Contracts, Corpus Juris*.

**History of English Law.**

Lecturer .....J. W. Godfrey.

*Three lectures per week, both terms.*

The class includes a study of the development of the English law from the Anglo-Saxon period to modern times.

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*.

**Property I.**

Lecturer .....G. S. Cowan.

*Three lectures per week, both terms.*

General principles of the law of Personal Property. Possession of lands and chattels. Elementary principles of the law of Real Property.

Text Books: Read: *Cases on Personal Chattels*. Robinette: *Readings on Real Property*.

**Crimes.**

Lecturer .....G. S. Cowan.

*Two lectures per week, both terms.*

The class includes a study of the substantive law of Crimes and also Criminal Procedure.

Text Books: Tremear: *Canadian Criminal Code, Annotated*. Crankshaw: *Criminal Code of Canada*.

**Torts.**

Lecturer .....V. C. MacDonald.

*Three lectures per week, both terms.*

The class includes a study of the general principles of the law of Torts.

Text Books: Clute and MacDonald: *Cases on the Law of Torts*. Salmond: *Torts*. Pollock: *Torts*.

**Second Year.****Property II.**

Lecturer .....John Willis

*Two lectures per week, first term; three lectures per week, second term.*

The class will include a study of the law of Real Property, the Wills Act, Drafting and Interpretation of Wills, law of Landlord and Tenant, and Conveyancing.

**Bills and Notes.**

Lecturer.....G. S. Cowan.

*One lecture per week, both terms.*

The class includes a study of the Bank Act, the Bills of Exchange Act, and of the general principles of the law governing Negotiable Instruments.

Text Books: Russell: *Bills*. Falconbridge: *Banking and Bills of Exchange*.

**Bankruptcy.**

Lecturer.....J. A. Walker.

*Two lectures per week, first term.*

The class is based upon the Bankruptcy Act and the decisions thereon.

Text Books: Bradford and Greenberg: *The Bankruptcy Act*. Duncan and Reilley: *Bankruptcy in Canada*.

**Corporations.**

Lecturer.....G. F. Curtis

*Two lectures per week, both terms.*

The class includes a general survey of the leading principles of Company Law and also a study of the Dominion and Provincial Acts.

Text Books: Palmer: *Company Law*. Masten and Fraser: *Company Law*. Wegenast: *Canadian Company Law*.

**Equity I.**

Lecturer.....G. F. Curtis

*Three lectures per week, second term.*

The class includes a study of the principles relating to Specific Performance, Injunctions, Mistake and Misrepresentation.

Text Books: Smith and Read: *Cases on Equity*. Hanbury: *Equity*.

**Sales.**

Lecturer.....V. C. MacDonald.

*Two lectures per week, both terms.*

The class includes a study of the law governing the Sale of Goods.

Text Books: Falconbridge: *Cases on Sales*. Benjamin: *Sale*. Williston: *Sales*.

**Insurance.**

Lecturers.....F. H. M. Jones, N. E. MacKay.

*Two lectures per week, first term.*

The class includes a study of the law governing the different types of Insurance.

**Procedure I.**

Lecturer.....Mr. Justice Doull.

*Two lectures per week, both terms.*

The course includes a study of the Judicature Act and Rules.

Text Books: Odgers: *Principles of Pleading*. *Nova Scotia Judicature Act and Rules*.



**Agency and Partnership.**

Lecturer..... V. C. MacDonald.

*Two lectures per week, both terms.*

This course includes a study of the principles of the law of Agency, including Master and Servant.

Text Books: Wright: *Cases on Agency*. Bowstead: *Agency*. Mechem: *Agency*. Pollock: *Partnership*.

**Third Year.****Constitutional Law.**

Lecturer..... V. C. MacDonald.

*Two lectures per week, both terms.*

The class includes a general study of the principles of Constitutional Law applicable throughout the Empire, and a detailed study of the British North America Act and the principles peculiar to the Canadian Constitution.

Text Books: Clement: *Canadian Constitution*. Lefroy: *Short Treatise on Canadian Constitutional Law*. Dicey: *Law of the Constitution*. Keith: *Constitutional Law of the Dominions*.

**International Law.**

Lecturer..... G. S. Cowan.

*Two lectures per week, both terms.*

History of the development of International Law. The law governing Nations especially during Peace. Referring to rules of Neutrality and War. International Courts and Arbitration. The League of Nations and International Organization.

Text Books: Stowell and Munro: *International Cases*. Hudson: *Cases on International Law*.

**Legislation.**

Lecturer..... John Willis.

*Three lectures per week, second term.*

**Part I: Legislation.** This includes a study of modern legislative problems, and the use made by courts of the principles of interpretation.

**Part II: Administrative Law.** This includes a study of the work of departments and commissions, and the methods whereby the courts control the exercise of statutory powers of rule-making and decision.

Text Book: Maxwell: *Statutes*; and selected statutes and readings.

**Shipping.**

Lecturers..... C. J. Burchell, F. D. Smith.

*One lecture per week, both terms.*

The class includes a study of the law of Shipping and of Admiralty Practice.

Text Books: McLachlan: *Shipping*. Mayers: *Admiralty Law and Practice*. Marsden: *Collisions at Sea*. Lowndes: *General Average*.

**Conflict of Laws.**

Lecturer.....John Willis.

*Two lectures per week, both terms.*

The class includes a study of the leading principles of Private International Law.

Text Books: Falconbridge: *Cases on Conflict of Laws.* Cheshire: *Private International Law.* Title on *Conflict of Laws, Corpus Juris.*

**Mortgages and Suretyship.**

Lecturer.....G. F. Curtis.

*Three lectures per week, first term.*

The class includes a study of the law governing Mortgages of Real Estate, and also the law of Suretyship.

Text Books: Falconbridge: *Law of Mortgages.* Rowlatt: *Principal and Surety.*

**Equity II.**

Lecturer.....John Willis.

*Four lectures per week, second term.*

The class includes a study of the law governing Trusts and Trustees.

Text Books: Smith: *Cases on Trusts.* Hanbury: *Equity.*

**Procedure II.**

Lecturer.....J. E. Rutledge.

*Two lectures per week, both terms.*

This course is a continuation of Procedure I. In both of these courses an attempt is made to give some training in the preparation of documents and the making of motions.

**Evidence.**

Lecturer.....Mr. Justice Carroll.

*Two lectures per week, both terms.*

The course includes a study of the law of Evidence generally and of the Dominion and Provincial legislation.

Text Books: Wigmore: *Evidence.* Best: *Evidence.* Phipson: *Evidence.* Cockle: *Cases on Evidence.*

**Note**—The following works are used for the purpose of reference in the classes of the curriculum generally: *Corpus Juris; Corpus Juris Secundum; The Laws of England.* (Hailsham edition); *The Canadian Abridgement.*

Instruction will also be given by special lecturers on Legal Ethics, Divorce Practice, Crown Rules, Taxation, Accounting, and other selected topics.



# 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 final 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 licence 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 licence to practise in the various provinces may be obtained from the Registrars of the Provincial Medical Boards or Councils. Inasmuch as some licensing boards require that applicants for the licence to practise must have been registered as medical students for five years before taking their final professional examinations, students are advised to register with the licensing board of the province or state to which they belong on commencing their medical studies. The names and addresses of the Registrars of the Medical Boards for the Maritime Provinces and Newfoundland are as follows:

**Nova Scotia**, Dr. H. L. Scammell, Halifax.

**New Brunswick**, Dr. J. M. Barry, Saint John.

**Prince Edward Island**, Dr. H. D. Johnson, 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 conducted 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 licence to practise medicine in nearly every part of the British Empire and also in Italy and Japan.

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 Army commissions will be furnished on application to the Militia Headquarters of the nearest Command or District.

### **Equipment and Facilities for Teaching.**

#### **The Medical Buildings.**

The Forrest Building houses the departments of Anatomy, Histology and Embryology, also the Medical Library. The courses in Physiology, Pharmacology and Biochemistry are conducted in the Medical Sciences Building, a modern structure erected in 1920 especially designed for teaching. The Maritime College of Pharmacy also conducts classes in this building. Through the courtesy of the Department of Health of the Province of Nova Scotia, the Pathological Institute is used for teaching Pathology, Bacteriology, and Immunology. In 1924 the Dalhousie Public Health Clinic was established. The building was a gift to the University from the Rockefeller Foundation, the equipment from the Carnegie Corporation. The Clinic maintains an out-patient service and provides excellent facilities for the study of preventive medicine. The medical buildings are conveniently located in relation to one another and to the hospitals.

#### **The Laboratories.**

The laboratories of Anatomy, Histology and Embryology, Pharmacology, Physiology, Biochemistry, Pathology and Bacteriology are commodious and well lighted. They are well equipped for teaching purposes, and facilities are available for special work and research.

#### **The Hospitals.**

The hospitals used for teaching are as follows: The Victoria General Hospital (250 beds), The Children's



Hospital (85 beds), The City Tuberculosis Hospital (60 beds), The Grace Maternity Hospital (70 beds), and the Infectious Diseases Hospital (40 beds). Instruction in mental diseases is given at the Nova Scotia Hospital, Dartmouth (500 beds). All of these hospitals are well equipped and allow free use of clinical material for teaching purposes. The students attend outpatients at the Dalhousie Public Health Clinic, an institution which, with the Halifax Visiting Dispensary, gives free medical service to the indigent of Halifax. Attendance here is approximately 30,000 visits per year.

The final year is one of internship. In addition to the above mentioned hospitals the Faculty has approved the following for rotating internships: Halifax Infirmary (150 beds), Camp Hill Military Hospital (250 beds), Nova Scotia Sanatorium at Kentville (355 beds), Aberdeen Hospital, New Glasgow (75 beds), St. Martha's Hospital, Antigonish (125 beds), Prince Edward Island Hospital, Charlottetown (110 beds), St. John General Hospital, Saint John, N. B. (340 beds), and the City Hospital, Sydney (65 beds).

#### **The Medical Library.**

The Library now has about 17,000 volumes and receives most of the important periodicals.

The main reading room, also a smaller room in which are kept the files of clinical journals, is in the Forrest Building. In the Medical Sciences Building there is a sectional library for journals of Experimental Medicine, and in the Pathological Institute one for those in Pathology.

#### **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. 14 *et seq.*

Medical students must further observe the regulations of the hospitals relative to students and student internes, and any violation of such regulations will be dealt with in the same way as if a University regulation were violated.

The Faculty of Medicine, in recognition of its responsibility to the public, reserves the right to retire

any student from the study of medicine at any time should it appear that he is unlikely to reach such a standard as would warrant his admission to the practice of medicine. Fees cannot be refunded to students who have been dismissed for any cause.

#### **Affiliated Courses.**

There is an affiliated course of Arts or Science and Medicine, in which the classes of the first year in Medicine are accepted for the degree of Bachelor of Arts or Science. The details of the course are given on pp. 29 and 31.

There is a B.Sc. course open to medical students who show exceptional ability, which can be taken along with the regular medical course and completed at the end of the third year. This course, which is outlined to interest the student in medical research, requires the completion with high standing of the regular premedical course and, in addition, German 1A or 1B and 2, and Philosophy 1. In the first three years of medicine special courses of Laboratory technique must be satisfactorily completed.

#### **Academic Year.**

The first, second and fourth years consist of a session of eight months; the third year nine months; and the final year twelve months. The session of 1937-38 will begin on Tuesday, Sept. 14th, 1937, (except in the fifth year, which begins immediately upon completion of the fourth year), and will end on Tuesday, May 17th, 1938. Registration dates for the classes in the Faculty of Arts and Science preliminary to the Medical curriculum will be found in the University Almanac, p.v.

#### **Degree.**

The degree conferred by the University is Doctor of Medicine and Master of Surgery.

#### **Admission and Grading.**

All persons who have satisfied the Entrance Requirements (p. 22) in Medicine are eligible for admission but the number of those who will be admitted in any one year is limited. Primary consideration is given to British subjects, especially residents of the Maritime Provinces and Newfoundland. Application must be made on a form to be obtained from the Registrar.

For admission to any subsequent year an undergraduate must have passed the examinations required



in all subjects of the preceding year, unless in exceptional cases special permission is given by the Committee on Studies. 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, fourth 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, unless a different course is prescribed by the Committee on Studies. Such students will be on probation until Christmas, and may be required to withdraw if their showing at that time is not satisfactory.

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.

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. 21-25.

### **\*Curriculum.**

The course for the degree of Doctor of Medicine and Master of Surgery extends over five years. Detailed information regarding the classes included in it will be found under "Courses of Instruction," p. 23 *et seq.*

The following division of the Curriculum into years, and the corresponding examinations, will be followed as closely as possible, but some modifications may be found necessary.

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\*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. Nor does the University hold itself bound to adhere absolutely to the curriculum and conditions laid down.

**First Year.** Anatomy 1; Histology; Embryology; Physiology 1; Biochemistry 1; Psychology.\*

**Second Year.** Anatomy 2; Structural Neurology; Physiology 2; Biochemistry 2; Pathology 1; Bacteriology; Pharmacology; Introduction to Clinical Surgery and Clinical Medicine.

**Third Year.** Pathology 2; Laboratory Medicine; Pharmacology; Practical Materia Medica; Practical Medicine; Clinical Physiology; Applied Anatomy; Surgery and Clinical Surgery; Medicine and Clinical Medicine; Obstetrics and Gynaecology; Preventive Medicine; Toxicology; Ophthalmology and Otolaryngology; Paediatrics; Radiology.

**Fourth Year.** Surgery and Clinical Surgery; Surgical and Applied Anatomy; Applied Physiology; Medicine and Clinical Medicine; Obstetrics and Clinical Obstetrics; Clinical Gynaecology; Medical Jurisprudence; Therapeutics; Preventive Medicine; Urology and Dermatology; Ophthalmology and Otology, etc.; Mental Diseases and Psychiatry; Paediatrics; Medical Ethics; Clinico-Pathological Conferences; Autopsies.

**Fifth Year.** The fifth year, a full calendar year beginning immediately after the completion of the fourth year, is one of rotating internship, in hospitals approved by the Faculty of Medicine.

#### Regulations for Degrees.

In addition to the Matriculation and pre-medical examinations, candidates for degrees are required to pass five 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" (p. 123, *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:

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\* Students who have credit for elementary Psychology may be exempted from this course.



**First Professional Examination.**

One paper in each of the following subjects: Anatomy, Histology, Embryology, (oral and practical examinations during the session in these subjects), Psychology; one paper and an oral examination in each of Physiology and Biochemistry, (practical examinations during the session in these subjects).

**Second Professional Examination.**

One paper in each of Pathology, Anatomy, Structural Neurology, Physiology, Bacteriology and Biochemistry. Oral examinations are given in Anatomy, Physiology, Bacteriology and Pathology. Practical examinations in these subjects are given during the session.

**Third Professional Examination.**

A paper in each of the following: Surgery, Medicine, Obstetrics and Gynaecology, Preventive Medicine, *Materia Medica*; a paper and an oral examination in each of the following: Pathology, Pharmacology; practical examinations in Pathology and Laboratory Medicine.

**Fourth Professional Examination.**

One paper in each of the following subjects: Surgery in all its departments and including Surgical Anatomy; Medicine in all its departments and including Therapeutics; Obstetrics and Diseases of Women and New-born Children; Medical Jurisprudence and Toxicology; Mental Diseases and Psychiatry; Paediatrics. The examinations in Surgery, Medicine, and Obstetrics and Gynaecology, are conducted jointly by the University and the Provincial Medical Board of Nova Scotia.

**Fifth or Final Professional Examination.**

An oral examination in each of the following subjects: Surgery in all its departments and including Surgical Anatomy; Medicine in all its departments and including Therapeutics; Obstetrics and Diseases of Women and New-born Children. Also a practical clinical examination in each of Surgery, Medicine, and Obstetrics and Gynaecology. All these are conjoint examinations conducted by the University and the Provincial Medical Board of Nova Scotia.

**Pass and Distinction Lists.**

The names of candidates successful in the examinations are arranged in the published lists in two divi-

sions, the Pass and Distinction divisions. To pass, a candidate must obtain a minimum mark of 50 per cent. in each subject; for Distinction he must obtain a mark of 75 per cent. or over. The names in the Pass division of the list are arranged in alphabetical order; those in the Distinction list 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. 22).
2. They must have attended the prescribed classes regularly and punctually. Certificates indicating less than 80 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. [Except as stated on pp. 112-113].

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 Degree of Doctor of Medicine and Master of Surgery do hereby declare that I have attained the age of twenty-one years (or, if the case be otherwise, that I shall have attained the age of twenty-one before the next graduation day).

(Signed).....

They must also present satisfactory certificates of having fulfilled the following requirements:—

- i. Attendance (a) of eight months on the practice of the Victoria General Hospital, The Children's Hospital, The Grace Maternity Hospital, The Halifax City Tuberculosis Hospital, and the Hospital for Infectious Diseases; (b) during at least one period of eight months on the practice of the Dalhousie Public Health Clinic; (c) on at least 20 maternity cases and, in addition, the delivery under supervision of 10 cases. These cases do not necessarily have to be attended at the Grace Maternity Hospital, but may be attended at



any hospital at which a student is an interne or on the out-patient service; (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 examination and in framing reports.

ii. During the fourth year must have submitted complete histories in ten medical and ten surgical cases.

iii. Service for twelve months on rotating internship at hospitals approved by the Faculty of Medicine.

iv. Received instruction and attained proficiency in the administration of anaesthetics.

v. Submission of satisfactory reports on investigations of domiciliary and occupational conditions in relation to the illnesses of an assigned number of patients of the Public Health Clinic.

vi. Attendance on a course of lectures on the relationship of dental conditions to medical practice and on an assigned number of clinics in dentistry.

vii. Attained proficiency in vaccination against smallpox and prophylaxis against diphtheria.

#### **Supplementary Examinations.**

The conditions under which supplementary examinations are allowed are set forth under "Admission and Grading" (pp. 112-113).

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.

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. 121).

#### **Exemptions.**

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

- (a) of having satisfied the requirements for admission to the Faculty of Medicine (see page 22); 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 three Professional examinations on presenting, in addition to the certificates specified under (a) and (b) above, certificates of having passed equivalent examinations at any medical school or college recognized by the Senate for the purpose, but every such candidate must take all the examinations of the year to which he is admitted.

### 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.

*For Scholarships and Prizes open to all students of the University see, pp. 61-63.*

**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 William Inglis Morse Prize in Medicine.**—A prize of \$250, given by Dr. William Inglis Morse in memory of his brother, Dr. Morse, will be awarded to the student in Medicine who is judged most worthy by the Committee of the Medical Faculty.

**The Dr. John Stewart Bursary.**—A Bursary of \$200, given by the John Stewart Chapter I.O.D.E., will be awarded to the Medical student, a native of Nova Scotia, in need of financial assistance, selected by a Committee of the Faculty for high academic standing and fine character.

**The No. 7 Stationary Hospital Benevolent Association Prizes.**—Two prizes of \$50 each will be awarded to students in Medicine who are adjudged



worthy by a special Committee appointed by this Association.

**The Dr. A. F. Miller Prize.**—A prize of \$50, presented by Dr. A. F. Miller of Kentville, will be awarded to the final year student who stands highest in his knowledge of Tuberculosis. Special examinations will be set for this prize.

**Anonymous Prize.**—A prize of \$100, from an anonymous donor, will be awarded at the end of the session 1937-38, the object being to promote the interest of senior medical students in Anatomy as a subject of value to the physician and general practitioner. The prize is open to fourth year students. The course of study and examinations are to be set by the Anatomy Department. The award will only be made if the candidate is to remain a member of Dalhousie University in his final year. The Department is to have the right to withhold the award if no candidate produces results of a sufficiently high standard.

If the objects of the prize appear to be attained in the session 1937-38, the offer may be renewed in a subsequent session.

Applications are to be lodged with the Anatomy Department at the commencement of the session.

**The Dr. Clara Olding Prize.**—This prize, the interest of an endowment of \$1,000 given 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. John F. Black Prize.**—This prize, of the value of \$25, from the income of a bequest by the late Dr. John F. Black, a former professor of Surgery, to be used by the Department of Surgery in the promotion of surgical teaching, will be awarded at the completion of the fourth year to the student who reaches the highest standing in Surgery.

**The Andrew James Cowie, M. D., Memorial Medal.**—This medal, founded by Miss Florence J. Cowie in memory of her father, will be awarded each year to the member of the fourth year class having the highest standing in Obstetrics, provided his standing in other subjects is sufficiently high to justify an award.

**The Ross Stewart Smith Prize.**—This prize, of the value of \$75, contributed by Mrs. Eliza Cochran Smith in furtherance of the wishes of herself and her late husband, Dr. James Ross Smith, as a memorial to their late son, Ross Stewart Smith, will be awarded at the completion of the third year to the student who has carried on the most creditable advanced work in one or more of the preclinical subjects.

**Prize in Pathology.**—This prize of \$100 is given by the Hebrew community of the Maritime Provinces.

**Anonymous Prize.**—A cash prize of \$25, from an anonymous donor, will be awarded to the student of the second year Medical Anatomy class who has gained highest distinction in that class, the attainments of the student in Practical Anatomy to be chiefly considered; the Department of Anatomy having the right to set special tests before it recommends any student for the award.

**The Professor John Cameron Prize in Anatomy.**—This prize, the interest of an endowment of \$500, given by Dr. John Cameron, former Professor of Anatomy, will be awarded to the student of the first year who makes the highest marks in Anatomy.

**The Professor R. J. Bean Prize.**—Awarded to the student who makes the highest aggregate in the first professional examinations in Histology and Embryology.

#### 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 he be admitted to any examination.*

#### For \*Registration.

Payable by students taking only one class in the University (including Library Fee of \$5.00).....	\$15.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	20.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day..	2.00
Additional annual fee charged to those students from outside the British Empire entered in professional or pre-professional courses previous to 1935,.....	150.00
to such students entered in 1935, .....	200.00
and, to such students entered in 1936 and thereafter	250.00

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



**For Tuition.**

For each class (other than Practical Anatomy) attended, when taken singly.....	50.00
Practical Anatomy.....	55.00
Payable by those taking the regular prescribed curriculum, each year.....	275.00

This includes tuition, hospitals, clinics, laboratory work and the regular sessional examinations; but does not include registration, caution and laboratory deposits and the fee for the support of student organizations.

No reduction will be made in the tuition fees payable by a student repeating the regular courses of any one year of the curriculum.

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

**Microscopes.**

Each student on registering for the first time in the Faculty of Medicine must provide himself with a microscope of a design approved by the Faculty and equipped with the following accessories:—5X and 10X oculars, 16 mm., 4 mm., and 1.8 mm. oil immersion objectives. Such an instrument is not only a necessity to the medical student but is an essential part of the equipment of a practitioner in Medicine. The cost in Canada will be approximately \$95, depending on the prevailing rate of exchange. A microscope may be purchased from the University either for cash at cost or on an instalment plan spread over two or three years. The payments are fixed as follows: \$40 the first year, \$30 the second year, and the balance the third year. These payments will be treated in the same manner as tuition and other fees and will be payable at the same time. A student electing to pay in either two or three instalments is required to furnish a Bond signed by himself and an acceptable surety to secure the University against loss. Until the payment is fully completed, microscopes must be turned in to the custody of Professor R. J. Bean at the end of each session, on the date notified. Upon completion of the payments the microscope will become the property of the student.

**For Examinations.**

*An application for an examination must be accompanied by the proper fee.*

Supplementary examinations, each subject.....	\$ 15.00
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**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).....	20.00

\*A Certificate of Standing is issued on request without charge. Additional copies if required will be issued on receipt of 50c. per copy.

Diploma, payable by those attending less than 4 years ....\$ 40.00  
 Additional fee when a degree is conferred *in absentia* at the  
 Spring Convocation..... 10.00  
 See pages 18 to 20 for

- Loan Funds.**
- Caution Deposit**
- Laboratory Deposits.**
- Fee for Support of Student Organizations.**



## COURSES OF INSTRUCTION

## I. Anatomy.

Professor.....	Donald Mainland.
Assistant Professor.....	
Demonstrators.....	Clyde W. Holland, J. Arnold Noble, J. V. Graham (Applied Anatomy), C. M. Jones, (Radiological Anatomy).

The course extends over the first two years and consists of the study of the naked-eye Anatomy of the whole human body by dissection, supplemented by diagrams, X-rays and the examination of surface structures. Special emphasis is laid on the function of structures in the living body, and all information is selected with a view to its clinical value. An important part is occupied by training in observation, accurate description and the correct evaluation of data, so that the teaching may be of value to all students, whatever their future work may be. The lectures (Anatomy 1 and 2), including those on Osteology, are closely correlated with the practical work. Mimeographed notes are issued to obviate note-taking.

Encouragement is given to senior students and graduates to return for revision and research.

The regular courses are—

**First Year.**—Lower Limb, Abdomen and Thorax, with an introduction to the gross Anatomy of the Brain and Spinal Cord.

*Lect.:* Two hours per week. *Practical Anatomy:* Nine hours per week.

**Second Year.**—Upper Limb, Head and Neck, with revisal of First Year work.

*Lect.:* Two hours per week. *Practical Anatomy:* Eight hours per week (Five hours after Christmas).

Dental students have a slightly shorter course. They are not expected to learn details of the Limbs. They are afforded special opportunities of work on parts important to them.

Text Books: Required:—Cunningham: *Manual of Practical Anatomy*. Beesly and Johnston: *Manual of Surgical Anatomy*.

Recommended: Jamieson: *Companion to Manuals of Practical Anatomy*. For third and later years: McGregor: *Synopsis of Surgical Anatomy*. Treves: *Surgical Applied Anatomy*.

For reference (in Library):—Cunningham's, Gray's, and Morris' Textbooks. Premedical zoology text books and notes should be kept for reference during the Anatomy course.

**Anatomy IA.**—This course qualifies for an Arts or Science degree, but not for medical degrees. It is a practical course on measurement and statistical method applied to morphological and especially histological problems. Part of the work is original investigation under the direction of the professor of Anatomy.

## Histology and Embryology.

Professor.....	Raymond J. Bean.
Instructor.....	Elizabeth S. Bean.

**Histology.**—This course consists essentially of laboratory work and is intended to meet the requirements of medical students of the first year. It deals with the minute structure of the

tissues and organs of the human body, their development and primary functions.

Text Books: Schafer: *Essentials of Histology*. Piersol: *Normal Histology*. Maximow and Bloom: *Histology*.

**Embryology.**—This course is intended primarily for medical students of the first year. It consists essentially of laboratory work supplemented by one didactic lecture per week. The problems of fertilization, segmentation, the development of the embryo and its protective membranes, are worked out in the laboratory by dissections and intensive study of slides. The materials used include the frog, chick, rabbit, pig and human.

A close relationship is maintained between Embryology and Histology, and the laboratory work in Embryology will occasionally be extended so as to include a portion of the time allotted to the course in Histology.

Text Book: Arey: *Developmental Anatomy*.

### Structural Neurology.

Professors.....R. J. Bean, Donald Mainland.  
Demonstrator.....J. W. Reid.

This course is primarily for medical students of the second year. It consists of a series of lectures and demonstrations by the Professors of Anatomy and Histology on the gross anatomy and microscopic structure of the nervous system.

Text Books: Ranson: *Anatomy of the Nervous System*. Rasmussen: *The Principal Nervous Pathways*. Looney: *Anatomy of the Brain and Spinal Cord*.

## II. Physiology.

Professor .....C. B. Weld.  
Assistant.....

Demonstrators.....J. W. Reid, K. M. Grant.

1. An elementary study of the mechanisms of the human body, including the functions of the nervous system, the senses, muscular activity, the blood, circulation, respiration, digestion and nutrition, excretion, and the endocrines. The course is given to the first year medical and dental students, and consists of two lectures a week throughout the year and two laboratory periods a week during the second term.

1A. This course consists of the lectures only of Physiology I. It may be taken by students in the Faculty of Arts and Science as an elective towards the Bachelor's degree. Students who are looking to a Master's degree will also be expected to take Physiology 2 and special laboratory work.

2. A detailed study of physiological mechanisms, and their modification under abnormal conditions. It consists of three lectures a week throughout the second year and two laboratory periods a week during the first half of the year.

3. The department shares in the course in Clinical Physiology, described under the Department of Clinical Medicine.

Text Books: Physiology I—Best and Taylor: *The Human Body*. Physiology 2—Best and Taylor: *The Physiological Basis of Medical Practice*. Lovatt Evans: *Starling's Principles of Human Physiology*.

Reference Books: Lamb: *An Introduction to Human Experimental Physiology*. Harris: *Experimental Physiology*. Winton and Bayliss: *Human Physiology*. Wiggers: *Physiology in Health and Disease*. Wright: *Applied Physiology*. Howell: *Textbook of Physiology*.



### III. Biochemistry.

Professor..... E. Gordon Young.  
 Assistant Professor.....  
 Demonstrator.....

1. A course of lectures, conferences and laboratory work given to students of the first year, inclusive of the chemistry of the carbohydrates, fats, proteins and related substances, and their physico-chemical relationships in living matter.

1A. This course consists of the lectures of Biochemistry 1 with special laboratory work and is designed for students in the Faculty of Arts and Science.

2. A course of lectures and laboratory work given to students of the second year in the biochemistry of nutrition, digestion, metabolism and excretion in physiological and pathological aspects.

3. A course of lectures and laboratory work given to students in the Faculty of Dentistry, presenting briefly the whole field of Biochemistry.

The Department shares in the course in Laboratory Medicine described on page 126.

Text Book: Hawk and Bergeim: *Practical Physiological Chemistry*.

Reference Books: Mathews: *Physiological Chemistry*. Wells: *Chemical Pathology*. Gortner: *Outlines of Biochemistry*. Bodanski: *Physiological Chemistry*.

### IV. Psychology.

Assistant Professor..... F. H. Page.

A course of about twenty lectures is given in the first year in which the facts and principles of general psychology and their applications to medical practice are dealt with briefly.

Text Book: Bridges: *Psychology, Normal and Abnormal*.

### V. Pathology, Bacteriology and Parasitology.

Professor..... Ralph P. Smith.  
 Assistant Professor.....  
 Demonstrator in Pathology and Bacteriology..... Clyde W. Holland.  
 Demonstrator in Pathology..... Norman H. Gosse.

#### Pathology.

1. A course of elementary lectures, two hours a week, on the general principles of Pathology, is given in the second term of the second year. One lecture is followed by a laboratory period.

2. A course of lectures, four hours per week, is given in the third year, in which general principles of Pathology are applied to diseases of the several anatomical systems. The laboratory work is designed to be complementary to the lectures.

A short course on pathological conditions of the mouth is given to students of dentistry only.

3. Demonstrations are given frequently of fresh and preserved specimens illustrating morbid conditions of the several organs.

Students of the third and fourth years are required to assist at autopsies and to prepare and report upon specimens.

4. Conferences of clinicians and pathologists are held on Wednesday afternoons from 4.30 to 6 p. m., at which advanced students attend and are expected to take part in the discussions.





A course of lectures, one hour a week, on Regional Surgery, is given during the fourth year.

Surgico-pathological conferences are held weekly during the fourth year, at which the student has the privilege of hearing surgical cases discussed from the standpoint of diagnosis, operative procedure, and pathological findings.

*Applied Anatomy*.—A course in Anatomy is given in the third year dealing with those parts of the body subject frequently to surgical interference.

Text Books: Rose and Carless, Thomson and Miles.

### IX. Clinical Surgery.

Professors.....	H. K. MacDonald (Head of Dept.) <del>J. G. MacDougall, G. H. Murphy.</del>
<sup>Backe</sup> Assistant Professor.....	W. Alan Curry.
Lecturers.....	C. E. Kinley, V. O. Mader, N. H. Gosse.
Demonstrators.....	W. L. Muir, P. Weatherbe, T. B. Acker, H. D. O'Brien, J. C. Acker, A. L. Murphy, J. A. Noble, Edwin F. Ross, C. M. Bethune, A. M. Marshall.

Hebb  
Court.

In the third year classes in Clinical Surgery are held three times weekly.

**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, are taught in the third year. A course of instruction in the administration of Anaesthetics is also given.

In addition to lectures, clinical instruction is given to students of the fourth year (in groups) at the Victoria General Hospital, the Children's Hospital and the Dalhousie Public Health Clinic. The fifth year is one of internship.

### X. Medicine.

Professor.....	K. A. MacKenzie (Head of Dept.).
Assistant Professor.....	J. R. Corston.
Lecturers.....	T. M. Sieniewicz, G. R. Burns, C. W. Holland, <del>A. F. Miller</del> , J. W. Reid.

1. A course of lectures and recitations two hours each week, dealing with diseases of the digestive, circulatory and respiratory systems is given in the third year.

2. A course of lectures and recitations, two hours each week dealing with infectious and constitutional diseases, the blood, ductless glands, diabetes, and diseases affecting the kidneys and the nervous system, is given in the fourth year.

Text Books: Meakins: *Practice of Medicine*. Osler and Macrae: *Principles and Practice of Medicine*. J. J. Connybeare: *A Textbook of Medicine*. Stevens: *Practice of Medicine*. Cecil: *Text Book of Medicine*. Price: *Practice of Medicine*. Beaumont: *Practice of Medicine*.

Reference Books: Osler: *Modern Medicine*. Tice: *Practice of Medicine*. Cowan and Ritchie: *Diseases of the Heart*. Campbell Thompson: *Diseases of the Nervous System*. Church and Petersen: *Nervous and Mental Diseases*. Cohnheim: *Diseases of the Digestive System*. Oxford Monographs. Sir Thomas Lewis: *Diseases of the Heart*.

## XI. Clinical Medicine.

Professor.....	K. A. MacKenzie (Head of Dept.).
Assistant Professors.....	M. J. Carney, J. R. Corston.
Lecturers.....	T. M. Sieniewicz, G. R. Burns, C. W. Holland. <i>J. W. Reid</i>
Demonstrators.....	J. Rankine, J. W. Merritt, <del>J. W. Reid</del> , <del>J. W. MacIntosh</del> , Allan <del>R. Morton</del> .

A short introduction to Clinical Medicine is given to second year students.

**Practical Medicine.**—Practical instruction in the methods of examining patients is given to the students of the third year. The class is divided into groups for instruction purposes.

**Clinical Physiology:** A course designed to show the students the application of physiology, biochemistry, and pharmacology to clinical medicine is given in the second term of the third and fourth years.

Clinical lectures and instruction are given to the students of the fourth year at the Hospitals and the Public Health Clinic at least four days a week throughout the session. Students are called upon in rotation to examine cases. Fifth year students must attend clinical lectures when possible.

Text Books: Hutchinson and Rainey: *Clinical Methods*. Emerson: *Physical Diagnosis*. Cabot: *Differential Diagnosis*. Norris and Landis: *Diseases of the Chest and Principles of Physical Diagnosis*. Seifert and Mueller: *Manual of Physical and Clinical Diagnosis*. Purvis Stewart: *Diagnosis of Diseases of the Nervous System*. Bourne: *Medical History and Case Taking*.

## XII. Obstetrics and Gynaecology.

Professor of Obstetrics and Gynaecology.	H. B. Atlee (Head of Dept.)
Professor of Obstetrics.....	E. K. Maclellan.
Lecturers.....	W. G. Colwell, K. M. Grant.
Demonstrators of Practical Obstetrics....	P. A. Macdonald (Chief of Clinic), E. K. Maclellan, H. B. Atlee.

**Obstetrics.**—A course of lectures, two hours per week, is given in the third year. Advanced instruction is given to groups of students in the fourth year.

In the fourth year instruction is given in prenatal care at the Public Health Clinic and the Grace Maternity Hospital, and students attend in rotation at the Grace Maternity Hospital for clinical instruction in Obstetrics. Students who have acquired proficiency are attached, in rotation, to the "obstetrical unit" for attendance on obstetrical patients at their homes.

**Gynaecology.**—A course of didactic lectures, two hours per week, is given in the third year until Christmas.

In the second term of the third year, and throughout the fourth year, the class attends clinical lectures twice weekly at the Victoria General Hospital. Clinical instruction is given to groups, in the fourth year, at the bedside in the hospital, and at the Public Health Clinic.

Text Books: Obstetrics: Eden: *Manuel of Midwifery*. Williams: *Obstetrics*. Gynaecology: Eden and Lockyer: *Gynaecology for Students and Practitioners*. Ten Teachers: *Diseases of Women*. Young: *Textbook of Gynaecology*.

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**XIII. Medical Jurisprudence and Toxicology.**

Lecturers.....Frank V. Woodbury, N. B. Dreyer.

A short course of lectures, in the fourth year, is devoted to the consideration of the more common medico-legal problems, and the class attends (in groups) at autopsies in medico-legal cases. Instruction in Toxicology is given by the Professor of Pharmacology during the third year.

Text Book: Glaister: *Text Book of Medical Jurisprudence and Toxicology.*

**XIV. Therapeutics.**

Clinical Therapeutics is taken up in the regular courses in Medicine. This work is supplemented by a series of lectures on electro-therapy, hydro-therapy, climatology, massage and clinical dietetics, given in the fourth year. A short course in prescription writing is also given.

Text Books: Rudolf: *Medical Treatment of Disease.* Hare: *Practical Therapeutics.* Clendening: *Modern Methods of Treatment.* David Campbell: *Handbook of Therapeutics.* Beckman: *Treatment in General Practice.*

**XV. Preventive Medicine.**

Professor.....H. G. Grant.  
 Professor of Epidemiology.....A. L. McLean.  
 Statistical Assistant.....Jean A. Peabody.  
 Assistant.....Marjorie E. Trefry.

The course in Preventive Medicine consists of a series of lectures in the third year and field work in the fourth year. The lectures cover environmental sanitation, communicable diseases, infant and maternal welfare, industrial and school hygiene, food, the principles of vital statistics, and epidemiology. In addition, each student is required to work out a few problems in Epidemiology and Statistics. The field work consists in the investigation of housing conditions, public water supplies, milk supplies, restaurants, and other food handling establishments. During the summer months between the third and fourth year each student is required to make a health survey of the community in which he resides.

Text Books: Hope and Stallybrass: *Text Book of Public Health.* Alternatives: Parkes and Kenwood: *Hygiene and Public Health.* Currie: *Textbook of Hygiene.* Rosenau: *Preventive Medicine and Hygiene.* Fitzgerald: *Practice of Preventive Medicine.*

**XVI. Urology and Dermatology.**

Professor.....Frank G. Mack.  
 Demonstrator in Urology.....G. A. Winfield.

In the third year a brief course of lectures is given in Urology.

In the fourth year about fifteen clinical lectures and demonstrations are given in Urology and an equal number in Dermatology and Syphilology. For these the class attends at the Victoria General Hospital. The class is divided into groups for clinical instruction in these subjects at the Public Health Clinic.

Text Books: Eisendrath and Rolnick: *Urology*, 2nd Ed. Reference: Hinman: *Urology.* MacKenna: *Diseases of the Skin*, 3rd Ed. Sutton: *Diseases of the Skin*, 9th Ed. Stokes: *Modern Clinical Syphilology*, 2nd Ed.

**XVII. Eye, Ear, Nose and Throat Diseases.**

Professor.....	A. E. Doull, Sr., (Head of Dept.)
Associate Professor.....	A. R. Cunningham.
Assistant Professor.....	H. W. Schwartz.
Demonstrators.....	H. W. Kirkpatrick, A. E. Doull, Jr. R. H. Stoddard.

Instruction in the examination of patients begins in the third year.

Lectures, mostly clinical, are given in the fourth year each week throughout the session. Clinical instruction is given to groups of students at the Victoria General Hospital and the Public Health Clinic.

Text Books: May: *Diseases of the Eye*. Levine: *Diseases of the Ear*. Turner: *Diseases of the Nose, Throat and Ear*. Malcolm Hepburn: *The Ophthalmology of General Practice*.

**XVIII. Mental Diseases and Psychiatry.**

Professor.....	<i>Rev. H. MacKay</i>
Demonstrators.....	Allan R. Morton, R. W. H. MacKay, J. W. MacIntosh.

A course of didactic lectures dealing with the principal forms of Mental Disease is given in the fourth year. A Neuro-Psychiatric clinic is held weekly at the Public Health Clinic. Clinical instruction is given to groups of students at the Nova Scotia Hospital.

Text Book: Cole: *Mental Diseases*. Alternatives: Stoddard: *Mind and its Disorders*. Craig: *Psychological Medicine*.

**XIX. Paediatrics.**

Professor.....	M. J. Carney.
Assistant Professor.....	G. B. Wiswell.
Demonstrators.....	J.G.D. Campbell, N. Barrie Coward.

Lectures begin in the third year and are continued throughout the fourth.

A course of weekly lectures is given in the fourth year. In addition, clinical instruction in diseases of children is given by members of the staffs of the Victoria General Hospital, the Children's Hospital and the Public Health Clinic.

Text Books: Chapin and Royster: *Diseases of Infants and Children*. Griffiths and Mitchell: *The Diseases of Infants and Children*. Garrod, Batten, Thursfield, Paterson: *Diseases of Infants and Children*. Brown and Tisdall: *Common Procedures in the Practice of Paediatrics*.

**XX. Radiology.**

Lecturer.....S. R. Johnston (In charge of Department).

The course in Radiology is given in the third year, at the Department of Radiology of the Victoria General Hospital. It consists of fifteen lectures in X-ray diagnosis and five lectures on the therapeutics of X-ray and radium. In addition, ten hours are devoted to fluoroscopic demonstrations of gastro-intestinal diseases.



# 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, and all operations are supervised by practitioners in active dental practice with many years' experience in teaching. The Victoria General Hospital is near by, and affords an ample surgical clinic. The Public Health Clinic contains a group of medical, surgical and dental clinics and laboratories, all in close proximity. In it are carried on adult, school and pre-school-age dental clinics, under the supervision of experienced practitioners, and excellent opportunities are thereby afforded for the study of Preventive Dentistry, Exodontia, Anaesthesia, Diagnosis, etc. The clinics are available to medical as well as dental students, thus promoting the closer association of the two professions. 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. A section of the International Association for Dental Research has been organized by members of the Faculty.

## 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. Particulars regarding these regulations in each of the Maritime Provinces and in Newfoundland may be obtained from the respective Registrars.

### **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 and British Columbia.

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. Graduates are also eligible for admission to the licensing examination in Newfoundland, all the provinces of Canada, and many States, including New York, Massachusetts, Rhode Island and Maryland.

Dental Students and graduates are eligible for the examinations of the National Board of Dental Examiners of the United States.

Graduates are exempted from Part I and admitted to Part II of Examinations of the Royal College of Surgeons, London, England, on completion of six months' hospital experience in that country.

### **General University Regulations.**

University regulations applicable to the students of all Faculties and relating to residence, church attendance, discipline, etc., will be found on p. 14 *et seq.*

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\*For information address Dr. A. J. Brett, Secretary of the Dominion Dental Council, Regina, Sask.



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, in the judgment of the Senate, as would warrant his admission to the practice of Dentistry. Fees cannot be refunded to students who have been dismissed for any cause.

#### **Affiliated Courses.**

A Bachelor of Arts or of Science of this University who has during his Arts or Science course taken the classes of the first year in Dentistry may complete a subsequent Dental course in the University in three years. See pp. 29 and 31.

#### **Academic Year.**

The Academic Year consists of one session of eight months' duration. The session of 1937-38 will begin on Tuesday, September 14th, 1937, and end on Tuesday, May 17th, 1938.

No students will be admitted after noon of Saturday, September 18th.

#### **Degree.**

The only degree conferred in the Faculty of Dentistry is that of Doctor of Dental Surgery (D. D. S.).

#### **Admission of Students.**

A student will not be admitted to the classes of any year, unless he has passed in all the subjects of the previous year.

Students intending to practise in any province of the Dominion or in another country are reminded that they must conform to all the regulations of that province or country.

No person under seventeen years of age is admitted to any class of the Dental Course.

#### **Entrance Requirements.**

Full details of the requirements for Entrance will be found on p. 21 *et seq.*

**Curriculum.\***

The course for the degree of Doctor of Dental Surgery extends over four years. The course is as follows:

**First Year.**

Anatomy 1 and Practical Anatomy, Biochemistry 3, Dental and Comparative Dental Anatomy, Drawing and Modelling, Metalcraft, Embryology, Histology, Physiology 1.

**Second Year.**

Anatomy 2 and Practical Anatomy, Bacteriology 1, Exodontia, Materia Medica, Metallurgy, Operative Dentistry, Pathology 1, Prosthetic Dentistry.

**Third Year.**

Crown and Bridge Work, Dental Infirmary, Dental Pathology and Therapeutics, Hospital, Operative Dentistry, Orthodontics, Pathology 2, Prosthetic Dentistry, Radiology, General Surgery.

**Fourth Year.**

Crown and Bridge Work and Ceramics, Dental Infirmary, History, Hygiene, Preventive and Clinical Dentistry, Jurisprudence, Ethics and Economics, Hospital, Operative Dentistry, Oral Surgery, Anaesthetics and Physical Diagnosis, Orthodontics, Prosthetic Dentistry.

**Regulations for Degrees.**

In addition to the Matriculation or Preliminary examination, candidates for degrees are required to pass four Professional examinations, one at the end of each year of the course, on the dates set in the University Almanac. The examinations are arranged as follows:

**First Professional Examination.**

One paper in each of the following subjects: Dental and Comparative Dental Anatomy, Drawing and Modelling and Metalcraft, Embryology; one paper and a practical examination in Histology; one paper and an oral and a practical examination in Anatomy, Biochemistry 3 and Physiology 1.

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\*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. Nor does the University hold itself bound to adhere absolutely to the curriculum and conditions laid down.



**Second Professional Examination.**

One paper in each of the following: Exodontia, Materia Medica, Metallurgy, Operative Dentistry, Pathology, Prosthetic Dentistry; one paper and an oral examination in Anatomy and Bacteriology; a practical examination in Anatomy.

**Third Professional Examination.**

One paper in each of the following: Crown and Bridge Work, Dental Pathology and Therapeutics, Operative Dentistry Orthodontics, Prosthetic Dentistry, Radiology, Surgery; one paper and an oral and a practical examination in Pathology; a practical examination in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry, and Orthodontics.

**Fourth or Final Professional Examination.**

One paper in History, Jurisprudence, Ethics and Economics, Hygiene, Preventive and Clinical Dentistry; one paper and an oral examination in each of the following: Crown and Bridge Work and Ceramics, Operative Dentistry, Oral Surgery, Anaesthetics and Physical Diagnosis, Orthodontia, Prosthetic Dentistry; a practical examination in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry, and Orthodontics.

**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 50 per cent. in each subject.

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; those in the Distinction list 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. The practical requirements in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry, and Orthodontia, in the second, third and fourth years must be fulfilled before the theoretical examinations are written.

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

Halifax, N. S.....193

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. 138).

### 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 and operative work in both Laboratory and Infirmary. Students 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 have been made whereby these may be procured to the best financial advantage. The borrowing of instruments is absolutely forbidden.

### **Medals and Prizes.**

*For Scholarships and Prizes open to all students of the University see pp. 61-64.*

**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 in the whole four years of his course.

**The Dr. Frank Woodbury Memorial Prizes.**—These prizes are awarded to students of the final year.

1st—Book Prize to the value of \$20 for the best thesis on an approved dental subject.

2nd—Book Prize to the value of \$15 for the best prosthetic and crown and bridge technic.

3rd—Book Prize to the value of \$15 for the student obtaining highest marks in the infirmary.

**The Dr. W. C. Oxner Prize.**—This Prize will be awarded to the student of the final year showing the highest proficiency in crown and bridge procedure.

**The Nova Scotia Dental Association Prizes.**—Books to the value of \$25 are divided between the two students who make the best two general averages in all subjects of the Third Professional examination, provided the required standard is reached.

**The Dr. W. H. H. Beckwith Prize.**—This prize will be awarded to the student showing the highest proficiency in Operative Dentistry in his second and third years.

**The Charles Bell Memorial 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, provided the required standard is reached.

Similar prizes will be awarded for the Second 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 (including Library Fee of \$5.00).....	\$ 15.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	20.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day....	2.00
Additional annual fee charged to those students from outside the British Empire entered in professional or pre-professional courses, previous to 1935, .....	150.00
to such students entered in 1935,.....	200.00
and, to such students entered in 1936 and thereafter	250.00

#### For Tuition.

Payable by those taking the regular prescribed curriculum, each year.....\$250.00

This includes tuition, hospitals, laboratories and the regular sessional examinations; but does not include registration, caution and laboratory deposits and the fees for the support of student organizations.

No reduction will be made in tuition fees payable by a student repeating the regular classes of any one year of the curriculum.

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

#### For Examinations.

*An application for Examination must be accompanied by the proper fee.*

Supplementary examination, each subject.....\$15.00

#### For Certificates and Diplomas.

*An application for a Certificate or Diploma must be accompanied by the proper fee.*

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



*Certificate under the University seal.....	\$ 1.00
For D.D.S. Diploma (payable before the final examination and returnable in case of failure).....	20.00
Diploma, payable by those attending less than 3 years....	30.00
Additional fee when a degree is conferred <i>in absentia</i> at the Spring Convocation.....	10.00

See pages 18 to 20 for

- Loan Funds.**
- Caution Deposit.**
- Laboratory Deposit.**
- Fee for support of Student Organizations.**

\*A Certificate of Standing is issued on request without charge. Additional copies if required will be issued on receipt of 50c. per copy.

## COURSES OF INSTRUCTION.

For the details of Classes in—

**Anatomy, and Histology and Embryology,  
Physiology,  
Biochemistry,  
Pathology and Bacteriology,**  
See p. 120 *et seq.*

### Drawing and Modelling and Metalcraft.

*Lecturer*.....Ellen E. O. Adams.

**Drawing and Modelling.**—A course, sufficiently comprehensive to form a suitable introduction to several succeeding dental subjects in which artistic principles play an important part, will be given during the first year.

**Metalcraft.**—This course, given in the first year, will prepare the student for exercises in dental technology and be a valuable introduction to the practice of Operative, Prosthetic and Preventive Dentistry as well as Orthodontics.

### Dental Anatomy and Comparative Dental Anatomy.

*Professor*.....S. G. Ritchie.

**Dental Anatomy.**—This course includes a study of the contents of the buccal cavity from a dental standpoint. 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 organs from simple to complex forms.

Reference Book: Tomes.

### Hygiene, Preventive and Clinical Dentistry.

*Professor*.....

*Demonstrator in Pre-School-Age  
Public Health Clinic*.....A. Borden Haverstock.

This course consists of a series of lectures which is given in the fourth year. Special demonstrations and lectures will be given in the Pre-School-Age and Adult dental clinics in the Public Health Clinic.

Text Book: A. C. Fones: *Preventive Dentistry*.  
Reference Books: A. C. Fones: *Mouth Hygiene*. Stillman and McCall: *Clinical Periodontia*. Sorrin and Miller: *The Practice of Periodontia*. Pickrell; *Prevention of Dental Caries*.

### Operative Dentistry.

*Professor*.....W. H. H. Beckwith.

*Lecturer*.....G. A. Chudleigh.

The instruction in this subject begins in the second year. Students in the last two years will be engaged in Infirmary prac-



tice 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.

Text Book: McGehee: *Operative Dentistry*.

Reference Books: G. V. Black, Ward, Marshall, Johnson; Evangeline Jordan.

### Dental Pathology and Therapeutics.

Lecturer.....A. Borden Haverstock.

The lectures will be given in the third year, with practical demonstrations in the Infirmary throughout the last two years.

Special reference will be made to the pathology of Pyorrhoea Alveolaris.

Reference Books: Engelman and Wagner, Burchard and Inglis, Orban, Bunting.

### Materia Medica.

Lecturer.....K. F. Woodbury.

This course consists of about twenty-five lectures given in the second year. The student is expected to become familiar with prescription writing and the properties, uses and therapeutic effects of the drugs used in dentistry.

Text Books: Buckley, *Prinz*.

### Orthodontics.

Professor.....Wm. W. Woodbury.

This subject will be presented in a course of lectures and clinical demonstrations during the last two years.

Text Book: McCoy.

Reference Books: Dewey, Pullen (as in Johnson's *Operative Dentistry*), Lischer.

### Oral Surgery, Anaesthetics and Physical Diagnosis.

Professor.....F. V. Woodbury.

Lecturer.....J. Arnold Noble.

A course of lectures on General Surgery given during the second term of the third year.

Text Books: Rose and Carless, Thomson and Miles.

**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 Book: Blair.

Reference Books: McCurdy, Thomson and Miles, Ivy.

**Anaesthetics.**—General Anaesthetics will be taught along with Oral Surgery, ample opportunity being given for practical demonstrations.

Text Book: Buxton.

Reference Books: Luke, Struthers.

**Physical Diagnosis.**—A short course of lectures on systemic diseases related to Medicine.

### Exodontia and Radiology.

Professor.....G. R. Hennigar.

*Demonstrators in the Adult*

*Public Health Clinic*..... W. V. Hogan, G. R. Hennigar,  
I. K. Lubetsky, F.R. Duxbury.

**Exodontia.**—A course of lectures weekly during the second term of the second year, which will include the study of local and general anaesthetics. This course supplemented by Infirmary practice in third and fourth years, and by practical work in administration of local anaesthetics, nitrous oxide and exodontia in the Public Health Clinic in the final year.

Text Books: Winter, Berger.

Reference Books: Smith, Thoma, Hewitt, Deford.

**Radiology.**—A course of lectures weekly during the first term of the third year, including the study of plates and films from the Infirmary and office patients.

Text Book: Raper, 2nd edition.

Reference Books: McCoy, Thoma, Osgood.

### Prosthetic Dentistry.

Professors ..... S. G. Ritchie, J. S. Bagnall.

Lecturer..... C. B. Climo.

This course continues throughout the last three years. The instruction is didactic and practical.

Text Books: *American Text Book of Prosthetic Dentistry*. Kennedy: *Partial Dentures*.

Reference Books: Prothero, Wilson, Campbell, Nichols.

### Crown and Bridge Work, and Ceramics.

Professor..... W. C. Oxner.

Lecturer..... A. W. Faulkner.

This subject will be presented by lectures, demonstrations and laboratory technic. It will continue throughout the last two years, with Infirmary practice.

Gold and Porcelain, Crown, Bridge and Inlay Construction, will receive proper attention. Students who may desire to use their own electrical furnaces will be supplied with electric connections. Precious metals must be supplied by the students for all technic.

Text Book: Doxtater.

Reference Books: Evans: *Crown and Bridge*. Peeso: *Crown and Bridge*. Goslee: *Crown and Bridge*. Legro: *Ceramics*. Capon: *Ceramics*. Hovestad: *Ceramics*.

### Metallurgy.

Lecturer..... J. S. Bagnall.

Demonstartor..... W. G. Dawson.

A course of lectures during the second year, on the construction, properties and treatment of metals and alloys used in Dentistry. A series of laboratory demonstrations in working and soldering metals.

Reference Books: Ray, Rosenhain, Gibson.



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**Dental History, Jurisprudence, Ethics  
and Economics.**

*Lecturer*..... H. S. Crosby.

**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 students' 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 in Dental Practice*.

## UNIVERSITY LISTS

**Special Convocation—August 19, 1936**

### Honorary Degree of Doctor of Laws

The Right Honourable Lord Thankerton, of Thankerton, P. C..... London, England.  
 Right Honourable Sir Lyman Pcoore  
 Duff, P. C..... Ottawa, Ont.  
 Honourable Sir Joseph Chisholm,  
 M.A., LL.B., LL.D..... Halifax, N. S.  
 George H. Montgomery, B.C.L.,  
 D.C.L., K. C..... Montreal, P. Q.

### Degrees Conferred Session 1935-36

**Convocation May 12, 1936**

\*—Degrees conferred during the session.

\*\*—In absentia.

### Honorary Degree of Doctor of Laws

George Moir Johnstone Mackay,  
 M.A., S.M..... New York, N. Y., U.S.A.

### Master of Arts

Belyea, Helen Reynolds, B. A..... Saint John, N. B.  
 \*Clark, Ruth Iris, B. A..... Halifax.  
 Evans, Reginald Dickey, B. Com..... Halifax.  
 Geizer, Annie Latilla, B. A..... Halifax.  
 Lewis, Alice Blanche, B. A..... Bedford, Hfx. Co.  
 Logan, Edward Donald, B. A.  
 (Mt. A.)..... Truro, Col. Co.  
 Nickerson, Evelyn Olive, B. A..... Halifax.  
 Ross, Donald Murray, B. A..... Elmsdale, Hants Co.  
 \*Sister Margaret Thérèse, B. A..... Rockingham, Hfx. Co.  
 Smith, Arthur Tanner, B. A..... Halifax.  
 Swan, Lewis Carl, B.A.(Mt.A.)..... Oxford, Cumb. Co.

### Master of Science

Crawford, Dean Parker, B.Sc.  
 (Mt. A.)..... Amherst, Cumb. Co.  
 \*\*McIntosh, Robert Lloyd, B. A..... Shawinigan Falls, P. Q.  
 Milner, Robert Leopold, B. Sc..... Amherst, Cumb. Co.  
 Smith, Lawrence Edgar, B. Sc..... Lunenburg.  
 \*\*Wilson, Arthur James Cochrane,  
 B. Sc..... Maitland, Hants Co.

### Bachelor of Arts

\*Allen, Margaret Norene..... New Glasgow, Pic. Co.  
 \*\*Ball, John George..... Southall, Middlesex, Eng.  
 Ballem, Elliot Elisabeth..... New Glasgow, Pic. Co.  
 Bentley, Dorothy Gillmor Adams..... St. Martin's, N. B.  
 Beveridge, James Murdoch Wilson..... Truro, Col. Co.  
 Biden, Margaret Douglass..... Liverpool, Queen's Co.



Black, Laurie Reginald.....	Halifax.
Blair, Edith Cavell.....	Truro, Col. Co.
Buckland, Basil John.....	Fredericton, N. B.
Butcher, Helen Lawson.....	Dartmouth, Hfx. Co.
Byrne, Rosemary Thérèse.....	New Waterford, C.B.Co.
Cameron, John Ralph.....	Halifax.
Carroll, John Rogers.....	Halifax.
Cochran, Edward Brenton Nicol, (King's).....	Mahone Bay, Lun. Co.
**Cohen, Sheldon Myer.....	Yarmouth.
Cooke, Arthur Charles.....	Halifax.
Cox, Edith Elvin.....	New Glasgow, Pic. Co.
Dauphinee, James Stephen, (King's)	Lunenburg.
Davis, Walter Garland.....	St. John's, Nfld.
Dobson, Dorothy Louise.....	Halifax.
Douglas, Donald Isadore.....	Earlton, Col. Co.
Drummie, Frances Knight.....	Saint John, N. B.
Faulkner, Mary Frances Madeline.	Halifax.
Ferguson, George Andrew.....	Armdale, Hfx. Co.
Ferguson, Margaret Janet Tod.....	Victoria, B. C.
Fraser, Earle Bertram.....	Halifax.
Fraser, Isabel Jean.....	Sydney, C. B. Co.
Fraser, Mary Lcuise.....	Halifax.
Freestone, Gwendolen Isabel.....	Halifax.
Gardner, Frances Vivian.....	Lunenburg.
**Green, Robert Bertram.....	Winterton, Nfld.
**Harris, Edward Borden.....	St. Catherine's, Ont.
Hutchins, Clayton, (King's).....	Liverpool, Queen's Co.
Jarvie, John.....	New Waterford, C. B. Co.
Kennedy, Muriel Audora.....	Halifax.
Kerr, Isobel Margaret.....	Halifax.
King, John Cecil.....	Hebden Bridge, Yorkshire, Eng.
Lantz, Margaret Evelyn.....	Halifax.
Lawrence, Maurice William.....	Halifax.
**MacDonald, Peter Stuart.....	Green Hill, Pic. Co.
MacDonald, William Grant.....	North Fourchu, Rich. Co.
MacGregor, Janet Lyle.....	New Glasgow, Pic. Co.
McIntyre, William Pitfield, (King's)	Sussex, N. B.
*MacKay, Catherine Isabel.....	West Bay, Inv. Co.
McLellan, Jean Walker.....	Truro, Col. Co.
MacLeod, William Stuart.....	Kentville, King's Co.
**MacPherson, Murdoch Alexander...	Regina, Sask.
Marsters, Jean Elizabeth.....	Dartmouth, Hfx. Co.
Mattar, Charlotte Bernadette.....	Halifax.
Miller, Elizabeth Ross.....	New Glasgow, Pic. Co.
Murphy, George Herman.....	Halifax.
Myers, Clyde Vincent.....	Halifax.
Northrup, Albert Aubrey Taylor, (King's).....	Kingston, N. B.
**O'Neill, Florence Mary.....	St. John's, Nfld.
Pipe, William Harvey, (King's).....	Amherst, Cumb. Co.
Pue-Gilchrist, Margaret Ann.....	Halifax.
**Robb, Donald Stirling.....	Pyongyang, Korea.
Saunders, Margaret.....	Halifax.
Sawler, Harold Hall.....	Dartmouth, Hfx. Co.
*Sheehan, Thomas Moran.....	Halifax.
**Sister Francis Xavier.....	Rockingham, Hfx. Co.

**Sister John Evangelist.....	Rockingham, Hfx. Co.
**Sister Regina Margaret.....	Rockingham, Hfx. Co.
**Sister Robert Marie.....	Rockingham, Hfx. Co.
*Smith, Arthur Reginald.....	Charlottetown, P.E.I.
Stanfield, Robert Lorne.....	Truro, Col. Co.
Stirling, Jean MacKenzie, (King's)	St. John's, Nfld.
Sumner, Ruth.....	Moncton, N. B.
Thorne, Nancy Redmayne.....	Halifax.
Veinotte, Clinton Clarence, (King's)	Lunenburg.
Watson, Mary Paisley.....	Halifax.
Watts, Hartwell Amiel.....	New Waterford, C.B.Co.
Wright, Harold Kendall.....	Charlottetown, P.E.I.

#### Bachelor of Science

Allen, Mildred Jean.....	Summerside, P.E.I.
Begg, Robert William, (King's).....	Halifax.
*Bown, Louis Adrian.....	Bell Island, Nfld.
**Carew, Stanley James.....	Bell Island, Nfld.
Clark, Joseph Preston.....	Moncton, N. B.
Crowdis, Donald Kennedy, B.A.....	Halifax.
Cunningham, Robert Leonard.....	Halifax.
Dacey, John Robert.....	Halifax.
Facey, Vera, (King's).....	Halifax.
*Eaton, Kenelm Edwin, (King's).....	Annapolis Royal, Anna.Co.
Goldberg, Howard Irving.....	Halifax.
Goodman, Ruth Marilyn.....	New Glasgow, Pic. Co.
*Healy, George Arthur.....	Halifax.
**Herzenberg, Bernice-Joan, B. A. (Hunter).....	Brooklyn, N.Y., U.S.A.
LeVine, Arthur Jack.....	Halifax.
MacEwen, Elizabeth Jean.....	Morell, P.E.I.
MacHattie, Lloyd Elliot.....	Upper Caledonia, Guys.Co.
MacLean, John Harold.....	Mahone Bay, Lun. Co.
Maddock, Frederick Bemister.....	Carbonear, Nfld.
Moore, Cephrenus Geoffrey.....	Dartmouth, Hfx. Co.
Redden, Arthur Lawrence.....	Armdale, Hfx. Co.
Ross, Donald Sutherland.....	Meadowville, Pic. Co.
*Shandalov, Nathan Kenneth.....	Waterbury, Conn., U.S.A.
Shane, Samuel Jacob.....	Yarmouth.
*Sheppard, Percy.....	Badger, Nfld.
Simensky, Philip Franklin.....	Brooklyn, N.Y., U.S.A.
Stewart, Chester Bryant.....	Norboro, P.E.I.
*Wallace, Delphine Caroline.....	St. Andrew's, N. B.
Webster, John Alexander.....	Yarmouth.
*Wright, Arthur Lawrence.....	Charlottetown, P.E.I.
Zwicker, Henry Charles.....	New Germany, Lun. Co.

#### Bachelor of Commerce

*Bagg, Alexander Carden.....	Westmount, P. Q.
Campbell, Frederic Ayer.....	Middle Sackville, N. B.
Coombes, Douglas Sutherland.....	Halifax.
Corbett, Joseph Colin.....	Halifax.
Crease, Edward Fraser.....	Halifax.
Higgins, Neil Weston.....	Charlottetown, P.E.I.
Lawrence, Maurice William.....	Halifax.
McLellan, Charles Lorne.....	Truro, Col. Co.
Musgrave, Milton Grant.....	Halifax.
Saunderson, Donald Black.....	Halifax.



**Bachelor of Laws**

Armstrong, William Frederick.....	Halifax.
Batt, Robert John Fraser, B.A.....	Halifax.
Bentley, Charles Frederick, B.A. (Acadia).....	Charlottetown, P.E.I.
Bentley, Douglas Fraser, B.A. (U.N.B.).....	St. Martin's, N. B.
Cleveland, John Harrison, B.A.....	Dartmouth, Hfx. Co.
DeWolf, Arthur Leonard, B.A.....	Halifax.
Godwin, John Edward Joseph.....	Bedford, Hfx. Co.
Green, Nathan, B.A.....	Halifax.
Khattar, Simon John, B.A.(St.F.X)	Sydney Mines, C.B.Co.
McIntyre, Roderick Roland, B.A. (St.F.X).....	Sydney, C.B. Co.
McLellan, Robert Faulkner.....	Truro, Col. Co.
Manning, Charles Alexander.....	New Glasgow, Pic. Co.
Meagher, Arthur Joseph, B. A.....	Halifax.
Oldfield, John King, B. A.....	Sussex, N. B.
Pink, Irving Charles, B. A.....	Yarmouth.
Purtill, Merle Marcella, B. Com.....	Halifax.
Ramsay, Allan Burgess, B.A.(Mt.A)	Moncton, N. B.
Richardson, James Ernest, B. A.....	Halifax.
Rowlings, Charles Duncan Wallace, B. Com.....	Halifax.
Siegel, Morris, B. Sc. (Mt.A.).....	Sydney, C. B. Co.
Smith, Arthur William.....	Halifax.
Smith, Glendon Lloyd George, B.A.	Saint John, N. B.
Sutherland, James Robert Harry, B. A.....	New Glasgow, Pic. Co.
Thompson, George Christie, B. Com.	Halifax.
Webber, Simon.....	Halifax.

**Doctor of Medicine and Master of Surgery**

Archibald, Donald Harper, B. A.....	Grand Falls, N. B.
Bent, Wilfrid Irving, B.A. (Mt.A.)	Oxford, Cumb. Co.
Devereux, Harold Joseph, B.A. (Tufts).....	Charlottetown, P.E.I.
Dominguez, Carlos Anibal.....	Mayagüez, Porto Rico.
Donaldson, George Darrell.....	Tatamagouche, Col. Co.
Dove, Robert Frederick.....	St. John's, Nfld.
Dyer, Wilfred John Joseph, B.Sc.....	Halifax.
Eagles, Eldon Lewis.....	Moncton, N. B.
Grant, Thomas Earl.....	Montague, P.E.I.
Harries, Charles Gordon, B. Sc.....	Sydney, C.B. Co.
Hatfield, George Gordon, B.Sc. (Aurora).....	Hartland, N. B.
Krebs, Irving, B.S. (N.Y.U.).....	Brooklyn, N.Y., U.S.A.
Leventhal, Harry.....	New York, N.Y., U.S.A.
Macdonald, Gordon Creelman, B.Sc.	Sydney, C.B. Co.
Magonet, Hyman, B. Sc.....	Glace Bay, C.B. Co.
Muir, James Alexander, B. Sc.....	Eureka, Pic. Co.
Murray, Margaret Grace, B. Sc.....	Halifax.
Perea, Luis Roberto.....	Mayagüez, Porto Rico.
Roberts, Harry Duncan.....	St. John's, Nfld.
Sachs, Perry Masters, B.S.(Alfred)	New York, N.Y., U.S.A.
Shlossberg, Frank.....	Halifax.
Taylor, Harold Ernest Hudson.....	St. John's. Nfld.

Teasdale, Laurie Redmond.....	Dartmouth, Hfx. Co.
Tulk, George Davey.....	Portugal Cove, St. John's, Nfld.
Wishart, Francis Baird, B.Sc. (U.N.B.).....	Fredericton, N.B.
Young, John Alexander Fraser, B.A. (Mt.A.).....	Pictou.

#### Doctor of Dental Surgery

Cogle, Samuel Kenneth.....	Fairville, N. B.
Demerath, Joseph Francis.....	Rochester, N. Y., U.S.A.
Disick, Michael.....	Brooklyn, N. Y., U.S.A.
Forristal, Frederick John.....	Sydney, C. B. Co.
Friedlander, Leon, D.D.S. (Tenn.).....	Brooklyn, N. Y., U.S.A.
Guzzetta, Charles John.....	Rochester, N. Y., U.S.A.
**Houle, Joseph, B.A. (Levis).....	Nicolet, P. Q.
Layton, Lloyd Brown.....	Sydney Mines, C. B. Co.
Liebowitz, Louis, D.D.S. (Tenn.).....	New York, N. Y., U.S.A.
Messinger, Zelix Sidney, D.D.S. (Indiana).....	Brooklyn, N. Y., U.S.A.
Newman, Samuel Herman, B.A. (Temple).....	Halifax.

#### Graduate Diploma in Education

Adams, Richard Burns, M. A.....	Halifax.
Cleworth, Mary Adelaide, B. A.....	Dartmouth, Hfx. Co.
Douglas, Donald Isadore.....	Earlton, Col. Co.
Fellows, Gladys Margaret, B.A.....	Halifax.
Foley, Thomas Michael, B. A.....	Halifax.
Garrison, Anna Mae, B. A.....	Halifax.
LeGrow, Chester, B. A.....	Broad Cove, Nfld.
Locke, Patience Churchill, B. A.....	Halifax.
MacKay, Jennie Isobel, B.A.....	Earlton, Col. Co.
MacLeod, Katherine Jean, B.A. (Mt. A.).....	Kentville, King's Co.
MacLeod, Moira Katheryne, B.A.....	Halifax.
MacRae, Duncan Daniel Alexander, B. A.....	Nyanza, Vic. Co.
Mader, Marjorie Elizabeth, B. A.....	Halifax.
Murphy, Mabel Blanche, B. A.....	Halifax.
Prat, Howard Francis, B. A.....	Bridgetown, Anna. Co.
Sutherland, Conn Harkness, B. Sc.....	Halifax.

#### Engineering

**Ball, Elmer Langdon.....	Badger, Nfld.
**Carew, Stanley James.....	Bell Island, Nfld.
Forster, Alfred Manning.....	Halifax.
**Isner, Bennett Oswald Williams.....	Halifax.
Zwicker, Henry Charles.....	New Germany, Lun. Co.

#### Pharmacy

Eaton, Emerson Havelock.....	Halifax.
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### HONOURS, PRIZES AND MEDALS

#### Diplomas of Honour

#### Economics and Political Science—

High Honours.....	Robert Lorne Stanfield.
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**George H. Campbell Memorial Scholarship**—John Webster Grant.  
**Mackenzie Scholarship**—Herbert Leslie Stewart.  
**Sir William Young Scholarship**—Gerald Robert Alvah Coffin.  
**Elizabeth McKenna Scholarship**—Harry Thiepval Beazley.  
**Pictou Academy Scholarship**—John Webster Grant.  
**Memorial University College Scholarship**—Moses Osborne Morgan.

#### Undergraduate Scholarships and Prizes

**Bruce Scholarship** (1st yr. Arts and Science)..... Elizabeth Grace Bannon  
**Mackenzie Scholarship** (1st yr. Arts and Science)..... Mary Elizabeth Pearson  
 Honourable Mention..... Florence Huntington Armstrong

**Sidney C. Oland Scholarship in Classics** (1st yr.—Advanced Course)..... James Alexander Doull  
**Sidney C. Oland Scholarship in Mathematics** (1st yr.—Advanced Course)..... Edward Augustine Lewis

**Allan Pollok Scholarship** (2nd yr. Arts and Science)..... Lloyd George Elliott  
**North British Society Centennial Bursary** (2nd yr. Arts and Science)..... John Webster Grant

**Robert Maclellan Scholarship** (Advanced Classics)..... { Divided between Stewart Douglas Strickland Vair and Douglas Scott Lyall

**Commercial Club Scholarships**  
 (2nd yr. Commerce)..... Harold Augustus Renouf  
 (3rd yr. Commerce)..... { Divided between Earle Bertram Fraser and Burton Lindsay Allen

**Bruce Bursary** (2nd yr. Arts and Science)..... Cicero Theodore Ritchie  
**Khaki University Scholarship** (3rd yr. Arts and Science)..... { Leslie Blake MacHattie Isabel Leslie Mackay

**Hugh Graeme Fraser Memorial Prize** (Advanced Chemistry)..... Allan Crickington Topp  
**Waverley Prize** (Mathematics)..... Lloyd George Elliott  
**Studley Quoit Club Prize** (Latin 2 and Greek 2)..... James Alexander Doull  
**Katherine Buttenshaw Prize** (Advanced Mathematics)..... Arthur St. Clair Goudge Grant

**Ross Stewart Smith Scholarship** (3rd yr. Arts and Science)..... Allan Crickington Topp  
**Carswell Essay Prize** (1st yr. Law)..... Benson Audrey Rogers, B.A. (Tor.)  
**Carswell Prize** (Regular Course in law) 1st yr..... Ian Malcolm MacKeigan, M.A.



- 2nd yr. .... { Divided between Daniel  
Ross Cobb Harvey, B. A.,  
and Edward Francis Arab,  
B.A.
- Vincent MacDonald Prize** (2nd yr.  
Law) ..... Ernest Skinner Higgins, B.A.
- Professor R. J. Bean Prize** (1st yr.  
Histology and Embryology) ..... Samuel Jacob Shane
- Professor John Cameron Prize**  
(1st yr. Anatomy) ..... Abraham Zelony, M.A. (Col.)
- Anonymous Prize** (2nd yr. Anatomy) ..... Mary Wheeler MacIntyre,  
B.A. (Cal.)
- William Inglis Morse Prize in  
Medicine** ..... David Lloyd MacIntosh,  
B.A., B.Sc.
- Ross Stewart Smith Prize** (3rd yr.  
Medicine) ..... Basil Kenneth Coady, B. A.
- Andrew James Cowie, M.D., Mem-  
orial Medal** (4th yr. Obstetrics) ..... John Fraser Nicholson, B. Sc.
- Dr. W.H. Hattie Prize in Medicine**  
(4th yr. Medicine and Thera-  
peutics) ..... Carl Pearlman, B.S. (N.Y.U.)
- Dr. John F. Black Prize** (4th yr.  
Surgery) ..... Robert Orville Jones, B. Sc.
- Dr. Clara Olding Prize** (4th yr. Medicine) ..... { Divided between Robert  
Orville Jones, B.Sc., and  
John Fraser Nicholson, B. Sc.
- Anonymous Prize** (4th yr.  
Anatomy) ..... Carl Pearlman, B.S. (N.Y.U.)
- Charles Bell Prize** (1st yr.  
Dentistry) ..... 2nd Philip Sinclair Christie
- E.A. Bell Prizes** (2nd yr.  
Dentistry) ..... 1st Ian Adams Livingstone  
Millar  
2nd Thomas Lewis Rogers
- Nova Scotia Dental Association  
Prize** (3rd yr. Dentistry) ..... 2nd Eugene Bauer
- Mallinckrodt Chemical Works,  
Ltd., Prize** (Pharmacy) ..... James Philip Walsh
- H. K. Wampole Company, Ltd.,  
Bursary** (Pharmacy) ..... James Philip Walsh
- William Inglis Morse History  
Prize** ..... { Divided between Walter  
Ronald Copp, M.A., and  
Alan Brown Sprague, B. A.  
(Queen's)
- W.H. Dennis English Prizes:**  
James DeMille Essay Prizes  
1936 ..... 1st Neil Weston Higgins  
2nd Arthur Charles Cooke
- Dr. William Inglis Morse English  
Essay Prize** ..... { Divided between Rosemary  
Thérèse Byrne and James  
Murdoch Wilson Beveridge
- Rhodes Scholarship** (For Nova  
Scotia) ..... Allan Charles Findlay, B. A.

## STUDENTS REGISTERED, 1936-37

### FACULTY OF ARTS AND SCIENCE

Abelson, Swinton.....	New York, N. Y., U.S.A.
Agrin, Irving Nelson.....	Brooklyn, N. Y., U.S.A.
Allen, Burton Lindsay.....	Halifax.
Allen, Maureen O'Mullin.....	Halifax.
Allen, Walter Wiswell.....	Halifax.
Allison, Philip Scammell.....	(K) Rothesay, N. B.
Amiro, Delmar Joseph.....	Lower East Pubnico, Yar. Co.
Anderson, Donald De Blois.....	Halifax.
Anderson, Joan Winter.....	Moncton, N. B.
Andrew, Arthur Julian.....	Halifax.
Annand, Robert Thompson.....	LaHave, Lun. Co.
Archibald, David Brenton.....	(K) Sydney Mines, C. B. Co.
Armitage, John Harvey.....	Dartmouth, Hfx. Co.
Armstrong, Florence Huntington.....	Halifax.
Arnell, John Carstairs.....	Paget, Bermuda.
Ashley, John Benedict.....	St. John's, Nfld.
Bader, Hyman Sheldon, B.S. (L.I.U.).....	Brooklyn, N.Y., U.S.A.
Bagg, Douglas Gordon.....	Westmount, P. Q.
Baggs, Lloyd Eugene, B.Sc.(Mt.A.).....	Curling, Nfld.
Baird, John Wesley.....	Windsor, Hants Co.
Ball, Reginald Wilfred.....	Northern Arm, Botwood, Nfld.
Ballem, Charles Miller.....	New Glasgow, Pic. Co.
Ballem, Henry Clair.....	(K) Sydney, C. B. Co.
Bannon, Elizabeth Grace.....	Moncton, N. B.
Barnes, Mae Annie.....	Halifax.
Baycroft, Thomas Charles.....	Goldboro, Guys. Co.
Beazley, Harry Thiepval.....	Halifax.
Begg, Robert William, B. Sc.....	Halifax.
Belyea, Elizabeth Frances.....	(K) Stanley, N. B.
Bentley, Dorothy Constance.....	Charlottetown, P.E.I.
Berkowitz, Murray.....	Brooklyn, N. Y., U.S.A.
Bigelow, Alan Eaton.....	Regina, Sask.
Bingham, George James.....	Moncton, N. B.
Blatt, Martin Murray, B.S. (N.Y.U.).....	Brooklyn, N. Y., U.S.A.
Blois, Evelyn Christine, B. A.....	Halifax.
Blumenkranz, Stephen Robert, B.A. (Brooklyn).....	Brooklyn, N. Y., U.S.A.
Bowman, John Hunsicker.....	(K) Saint John, N. B.
Boyd, John Minto.....	Halifax.
Brady, Loretta Frances.....	Worcester, Mass.
Bradley, Ann Elizabeth.....	Union Springs, N.Y., U.S.A.
Breiman, Jack Lewis.....	New York, N. Y., U.S.A.
Brittain, Jean Isabel.....	Saint John, N. B.
Brown, Edwin Alvin.....	Bangor, Maine, U.S.A.
Burchell, Wilfred.....	Sydney Mines, C. B. Co.
Burchell, Wilfred Sydney.....	Little Bras d'Or, C. B. Co.
Burgoyne, Mary Constance.....	Mahone Bay, Lun. Co.
Burns, Donald Gardner.....	(K) Summerside, P.E.I.
Burns, Joseph Stanley.....	Halifax.
Byrne, Rosemary Thérèse, B. A.....	New Waterford, C. B. Co.

(K) Enrolled in King's College.



Campbell, Bruce Alexander.....	Dartmouth, Hfx. Co.
Campbell, Charles Oliver.....	Hopewell, Pic. Co.
Campbell, Robert Henry.....	Dartmouth, Hfx. Co.
Campbell, William Burrill.....	Yarmouth.
Carroll, John Rogers, B.A.....	Halifax.
Chernin, Mendel.....	Glace Bay, C. B. Co.
Chisholm, Vera May.....	Alton, Col. Co.
Clark, Gordon Story.....	Moncton, N. B.
Clark, Louis Oscar.....	Moncton, N. B.
Clarkson, James Allan.....	Sydney Mines, C. B. Co.
Cleland, James Edwin, B.Sc.....	Dartmouth, Hfx. Co.
Cohen, Henry Saul.....	Brooklyn, N. Y., U.S.A.
Cohen, Paul Joseph.....	Far Rockaway, N.Y., U.S.A.
Cohn, Edwin.....	Halifax.
Coleman, Charles Sidney.....	Sydney, C. B. Co.
Conn, Harvey Richard.....	Halifax.
Connor, Mary Helen.....	Halifax.
Conrod, Josephine Allison.....	Halifax.
Conway, Catherine Frances, B. Sc. (Mt.A.).....	Sackville, N. B.
Corkum, Charlotte Louise.....	Lunenburg.
Cornelius, Ruth Elizabeth.....	Halifax.
Corrigan, Mary Vivian Catherine.....	Halifax.
Corston, George Campbell.....	Halifax.
Corston, Robert MacLellan.....	Halifax.
Countway, Nellie Burdette.....	Chester Basin, Lun. Co.
Cox, Elizabeth Jane.....	New Glasgow, Pic. Co.
Cragg, Edward Francis.....	Halifax.
Cram, Robert Jackson.....	(K) Waban, Mass., U.S.A.
Crease, Jamesie Aileen.....	Halifax.
Creelman, William Mackay.....	Halifax.
Crook, William Henry.....	Mineville, Hfx. Co.
Crosby, Adam Brown.....	Halifax.
Crosby, Charlotte Ayre.....	Rothesay, N. B.
Cummings, Margaret Mary.....	Halifax.
Cunningham, Joan Margaret.....	(K) Bedford, Hfx. Co.
Cunningham, Robert Leonard, B.Sc.....	Halifax.
Curry, Verta Clare.....	Halifax.
Dacey, John Robert, B.Sc.....	Halifax.
Daley, Laurence Frederick.....	Halifax.
Dalton, William Lloyd.....	Halifax.
Dargie, Arthur Healy.....	Round Hill, Anna. Co.
Dauphinee, Esther Christine.....	Halifax.
Davidson, Gordon Alexander.....	New Westminster, B. C.
Davis, Lewis Herbert.....	Halifax.
Davis, Louis James Fuerst.....	Prince Albert, Sask.
Day, Clifford Randolph.....	(K) Liverpool, Queen's Co.
Dean, Maurice Ferguson.....	Halifax.
Deasy, Kathleen Maria.....	Dorchester, Mass., U.S.A.
DeBlois, Robert.....	(K) Charlottetown, P.E.I.
DeBlois, Thomas Melville.....	Fort Lauderdale, Florida, U.S.A.
deCatanzaro, Carmino Joseph.....	(K) Yarmouth.
Delaney, Madeleine Margaret.....	Halifax.
Dempster, Francis James Joseph.....	Halifax.

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(K) Enrolled in King's College.

DeWolf, James Edward.....	(K) Bedford, Hfx. Co.
Dexter, Paul Gordon.....	Halifax.
Dexter, Reid Vincent.....	Halifax.
Dickey, John Horace.....	Halifax.
Dickey, Roderick Gordon.....	Halifax.
Dickie, Donald Chalmers.....	Stewiacke, Col. Co.
Douglas, Vivian Eleanor.....	Halifax.
Doull, James Alexander.....	Halifax.
Doull, John McGregor.....	Halifax.
Doull, Mary Elizabeth.....	Halifax.
Dowden, Charles Barclay.....	Halifax.
Downing, James Robert, B.A. (Mt.A.)	Oxford, Cumb. Co.
Drummie, Frances Knight, B.A.	Saint John, N. B.
Duchemin, June.....	Sydney, C. B. Co.
Dumaresq, James Philip.....	Halifax.
Edwards, George Robert.....	Halifax.
Elliott, Clark Russell.....	(K) New Ross, Lun. Co.
Elliott, Lloyd George.....	Bridgetown, Anna. Co.
Embree, Evelyn Marie.....	Truro, Col. Co.
Ernst, Scott Leonard.....	Halifax.
Evans, George Ronald, B.A.....	Halifax.
Evans, Madeleine Jean.....	Halifax.
Fahie, Donald Fulton.....	Halifax.
Faulkner, Fred George.....	Shubenacadie, Hants Co.
Faulkner, Katherine Elvira.....	Halifax.
Fawson, Mary Marguerita.....	Halifax.
Fay, Donald Burbeck.....	Halifax.
Fennell, Francis Carroll.....	Halifax.
Ferguson, George Andrew, B.A.....	Armdale, Hfx. Co.
Ferguson, Peter Daniel.....	Cleveland, Rich. Co.
Ferguson, Vera Lillian.....	Halifax.
Fiedelbaum, Maurice.....	Brooklyn, N. Y., U.S.A.
Filippone, Salvatore Anthony, B.S.	
(Seton Hall).....	Halifax.
Finck, Donald Charles.....	Halifax.
Findley, Kenneth Marryatt.....	Pictou Island, N. S.
Fineberg, Morris.....	Halifax.
Finlayson, Catherine Smith.....	Ottawa, Ont.
Firth, James Allan Glynn.....	Dundas, P.E.I.
Fitzgerald, Jean Frances.....	Halifax.
Flood, Betty Margaret.....	Charlottetown, P.E.I.
Flynn, Winnifred Maude.....	Halifax.
Fogo, Edward MacDonald.....	Clam Harbor, Hfx. Co.
Foster, Mary Kathleen.....	Halifax.
Fraser, Abraham Lincoln.....	(K) New Glasgow, Pic. Co.
Fraser, Earle Bertram, B. A.....	Halifax.
Fraser, Lewis Bernard.....	(K) Talara, Peru, U.S.A.
Freestone, Gwendolen Isabel, B.A.....	Halifax.
French, Francis Melvin.....	(K) Sydney, C. B. Co.
Friedman, William Carl.....	Brooklyn, N. Y., U.S.A.
Fry, Robert William, B.A.....	Halifax.
Furlong, Joan.....	Halifax.

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Gallay, Bertha Grace.....	Glace Bay, C. B. Co.
Gardner, Frances Vivian, B.A.....	Lunenburg.
Garson, Abram William.....	Halifax.
Garson, Bertha.....	Halifax.
Garten, Patricia Ann.....	Halifax.
Gaudet, Gilbert.....	Charlottetown, P.E.I.
Gaum, David.....	Sydney, C. B. Co.
Gavell, Margaret Louise.....	(K) Sydney, C. B. Co.
Geddes, Jeanne Catherine.....	Halifax.
Gelbart, Abe.....	New York, N. Y., U.S.A.
Geldert, Marian May.....	Lunenburg.
Geller, A. Selig.....	Newark, N. J., U.S.A.
Gesner, Evelyn Claire.....	Halifax.
Gillies, Norman Bain.....	Braeside, Ont.
Gillis, George Neil.....	Orangedale, Inv. Co.
Gillis, Ivan Maxwell.....	Halifax.
Glick, Samuel Joseph.....	Halifax.
Goddard, Raymond Athylon.....	Dartmouth, Hfx. Co.
Goldberg, Leonard Stanley.....	Halifax.
Goodman, Bernie Maxwell.....	New Glasgow, Pic. Co.
Goodman, Nordau Roslyn.....	New Glasgow, Pic. Co.
Gordon, John Abraham.....	Canso, Guys. Co.
Gottfried, Arnold.....	Brooklyn, N. Y., U.S.A.
Goudey, Robert Azor, B. A.(Acadia).....	Halifax.
Goudge, Frank Edward.....	Halifax.
Gould, Wendell Murray.....	Halifax.
Graham, Bernard Frederick.....	Halifax.
Graham, Donald Vye.....	Halifax.
Graham, James David.....	Goldboro, Guys. Co.
Graham, Vivian Mae.....	Halifax.
Grant, Arthur St. Clair Goudge.....	Halifax.
Grant, Harry James Askew.....	Halifax.
Grant, John Webster.....	Pictou.
Gray, Charles Leaver Rood.....	New Glasgow, Pic. Co.
Gray, John Charles MacAloney.....	Fairview, Hfx. Co.
Green, Leo.....	Halifax.
Greenfield, Samuel.....	Arverne, L.I., N.Y., U.S.A.
Guy, Augustine MacDonald.....	St. John's, Nfld.
Haines, Victor Yelverton.....	(K) Halifax.
Hall, Margaret Alice.....	Halifax.
Halpern, Daniel.....	New York, N. Y., U.S.A.
Harding, Milton.....	(K) Norris Point, Bonne Bay, Nfld.
Harrigan, Edward Richmond.....	Sydney, C. B. Co.
Harrigan, Margaret Newcomb Layton.....	Easton, Pa., U.S.A.
Harris, Walter Ruggles.....	(K) Bear River, Dig. Co.
Harrison, Elaine Russell.....	(K) Springhill, Cumb. Co.
Hart, Alexander Henry.....	Dartmouth, Hfx. Co.
Hart, Elizabeth Faye.....	Halifax.
Hartling, Elizabeth Alice.....	Halifax.
Hatfield, Byron Maxwell.....	Halifax.
Hattie, Rudd Gue.....	Halifax.
Healy, George Arthur, B. Sc.....	Halifax.
Heller, Henry Bernard.....	Brooklyn, N. Y., U.S.A.
Hendry, James McLeod.....	Halifax.

---

(K) Enrolled in King's College.

Hennigar, William James.....	Upper Kennetcook, Hants Co.
Hicks, Henry Davies, B. A. (Mt. A.)..	Bridgetown, Anna. Co.
Hilton, Thomas Bradford.....	Yarmouth.
Hinch, Thomas.....	Halifax.
Hirsch, Anne.....	Sydney, C. B. Co.
Hirsch, Lily Michael.....	Sydney, C. B. Co.
Hiseler, Gordon Welsford.....	Halifax.
Hiseler, Ronald Percy.....	Halifax.
Hodes, Selig Seymour.....	Brooklyn, N. Y., U.S.A.
Hodson, Keith Louis Bate.....	Halifax.
Holland, Lewis Frank.....	Halifax.
Hollett, Andrew.....	Broad Cove, B.D.V., Nfld.
Holman, Helen Louise.....	Summerside, P.E.I.
Holmes, Mary Eleanor Sherman ... (K)	Halifax.
Homans, Ross Evans Spencer, B. Sc.	Hubbards, Hfx. Co.
Hood, Elizabeth Eleanor, B.A.....	Yarmouth.
Hopkins, Lydia Irene, B.A. (Mt. A.)..	Bridgetown, Anna. Co.
Hotchkis, Gilbert Bruce..... (K)	Amherst, Cumb. Co.
Hubbard, Richard Loren.....	Columbus, Ind., U.S.A.
Huble, Allan Murray.....	Dartmouth, Hfx. Co.
Huddleston, Arthur Norman.....	Halifax.
Hudson, Lloyd Willis.....	Country Harbor, Guys. Co.
Hughes, Elwyn Owen.....	Montague, P.E.I.
Humphrys, Chad Noel Milliner.....	St. Andrew's, N. B.
Hunt, Mary Harriet..... (K)	St. Eleanor's, P.E.I.
Hurst, Roland Douglas.....	Halifax.
Hutton, John MacArthur.....	Halifax.
Inch, John Franklin.....	Oak Point, N. B.
Ingrassia, John Joseph.....	Brooklyn, N. Y., U.S.A.
Inness, Maude Vivian.....	Dartmouth, Hfx. Co.
Irving, Elinor Christeen.....	Halifax.
Jaffe, Samuel.....	New York, N. Y., U.S.A.
James, Edith Margaret.....	Halifax.
Johnson, Dorothy Ross.....	Great Village, Col. Co.
Johnson, Norma Patricia..... (K)	Halifax.
Johnston, Robert Cyril.....	Halifax.
Johnston, Thomas Mason.....	Ottawa, Ont.
Jones, Madeleine Agatha.....	Rockingham, Hfx. Co.
Joudrey, Helen Dorothy..... (K)	Mahone Bay, Lun. Co.
Kagel, Samuel.....	New York, N. Y., U.S.A.
Kane, Ralph Waterman.....	Halifax.
Karrel, Benjamin.....	Sydney, C. B. Co.
Karrel, Sam.....	Sydney, C. B. Co.
Kaufman, Lyon Arnold.....	Amherst, Cumb. Co.
Keddy, Clarence Butler.....	Bridgewater, Lun. Co.
Keenan, Marguerite Kathleen.....	Halifax.
Kennedy, Muriel Audora, B.A.....	Halifax.
Kerr, Isobel Margaret, B.A.....	Halifax.
Kirkpatrick, Shirley Marie.....	Halifax.
Koretsky, Vadim Michael.....	Guysborough.
Kornreich, Kenneth Donald.....	Waterbury, Conn., U.S.A.

---

(K) Enrolled in King's College.



Laing, John Haskell.....	Barrington, Shel. Co.
Lane, Charles Wilkins.....	Lunenburg.
Lantz, Margaret Evelyn, B.A.....	Halifax.
Lavers, Douglas Kenneth.....	Halifax.
Lawson, Nancy.....	Ottawa, Ont.
Ledingham, Mary Caverhill.....	Saint John, N. B.
Lee, Shew Chuck.....	Hoi Ping, Canton, China.
Legge, Lowell.....	Robinsons, Nfid.
Leighton, Anna Maude.....	(K) Moncton, N. B.
Leighton, Claude Moore.....	(K) Moncton, N. B.
Levine, Amelia Bertha.....	Fredericton, N. B.
LeVine, Andrew Seymour.....	Halifax.
Lewis, Edward Augustine.....	Centreville, King's Co.
Likely, Joseph Alexander.....	Saint John, N. B.
Liljenfeld, Sydney.....	Rockaway Beach, L.I., N.Y., U.S.A.
Lindsay, Agnes Muriel.....	Middle Musquodoboit, Hfx. Co.
Linkletter, Zilpha Jean.....	Summerside, P.E.I.
Lipton, Maurice.....	Halifax.
Lithwick, Sydney.....	Ottawa, Ont.
Little, Marion Christina.....	Halifax.
Logan, William Arthur.....	Dartmouth, Hfx. Co.
Logie, Keith Burton.....	(K) Setauket, L.I., N.Y., U.S.A.
Lucas, Roy James.....	Halifax.
Luckower, Seymour.....	Mount Vernon, N.Y., U.S.A.
Lyall, Douglas Scott.....	Halifax.
Lyons, Robert William.....	(K) Glace Bay, C. B. Co.
McAlden, Christopher Samual Wilson.....	(K) Andover, N. B.
MacAskill, Margaret Fraser.....	Halifax.
McAverty, George.....	Rothsay, N. B.
McCormick, John Graham.....	Halifax.
McCoubrey, Louise.....	Sydney, C. B. Co.
Macdonald, Alan Webster.....	(K) Kentville, King's Co.
Macdonald, Archibald Parker.....	Halifax.
Macdonald, Austin Alexander.....	Whycocomag, Inv. Co.
Macdonald, Ernest Warburton.....	North Quincy, Mass., U.S.A.
MacDonald, George Lloyd.....	Balmoral Mills, Col. Co.
Macdonald, Jean.....	Moncton, N. B.
Macdonald, Margaret Isabella.....	Moncton, N. B.
MacDougall, John William Graham.....	New Glasgow, Pic. Co.
MacDuff, James Anderson.....	Mineville, Hfx. Co.
McPetridge, James Douglas.....	Middle Musquodoboit, Hfx. Co.
MacGregor, Donald William Mur- doch.....	Halifax.
MacGregor, Hector Ian.....	Halifax.
MacHattie, Leslie Blake.....	Upper Caledonia, Guys.Co.
MacHattie, Lloyd Elliot, B. Sc.....	Upper Caledonia, Guys.Co.
Mackay, Isabel Leslie.....	Pictou.
MacKay, James Robert.....	Bedford, Hfx. Co.
MacKay, Patsy, B.A. (Mt. A.).....	Truro, Col. Co.
Mackay, William Reay.....	Rothsay, N. B.
Mackay, William Ronald.....	Pictou.

(K) Enrolled in King's College.

McKean, Douglas Bruce.....	Kennetcook, Hants Co.
MacKenzie, Alexander Carl.....	Glace Bay, C. B. Co.
Mackenzie, Archibald Buckner.....	Halifax.
MacKenzie, Ian Angus Blanchard (K)	Todmorden, Ont.
MacKenzie, Mabel Ethel.....	Halifax.
MacKenzie, Wilson Campbell.....	Baddeck, Vic. Co.
McKim, Mary Prudence.....	Halifax.
McKnight, George Stanley.....	Dartmouth, Hfx. Co.
McLaughlin, Bliss James, B.A. (Mt.A)	Fredericton Junction, N.B.
McLaughlin, James Ronald..... (K)	Halifax.
MacLean, John Harold, B.Sc.....	Mahone Bay, Lun. Co.
Maclean, Marjorie Jessie.....	Halifax.
MacLean, Randolph Douglas.....	North Sydney, C. B. Co.
McLellan, Jean Walker, B.A.....	Truro, Col. Co.
McLennan, Robert.....	New Glasgow, Pic. Co.
MacLeod, Alan Douglas.....	Halifax.
MacLeod, George Donald.....	St. George, N. B.
MacLeod, Ian Murray.....	Halifax.
MacLeod, Nicholas Williams.....	Sydney, C. B. Co.
MacLeod, William Stuart, B.A.....	Kentville, King's Co.
McMahon, James Ruffee..... (K)	Halifax.
MacMillan, Helen Jean.....	Halifax.
MacMillan, Margaret Catherine.....	Halifax.
MacNeil, James Cameron.....	New Glasgow, Pic. Co.
Macnutt, Percival Stephenson.....	Montreal, P. Q.
MacPhee, Lorna Muir.....	Upper Stewiacke, Col. Co.
MacPherson, Daniel Wallace.....	Valleyfield East, P.E.I.
MacPherson, John David.....	Westville, Pic. Co.
MacQuarrie, William Alexander.....	Moncton, N. B.
MacQuarrie, William Richard.....	Victoria, P.E.I.
MacQueen, Stanley George.....	Port Morien, C. B. Co.
MacRae, John Farquhar..... (K)	Sydney Mines, C. B. Co.
MacRitchie, Hugh Norman..... (K)	Sydney, C. B. Co.
Mack, Margaret Augusta.....	Halifax.
Maddock, Frederick Bemister, B. Sc..	Carbonear, Nfld.
Mader, Marjorie Elizabeth, B. A.....	Halifax.
Mahon, Douglas Haig..... (K)	Halifax.
Margison, Merton Everett.....	Woodstock, N. B.
Marsh, Mary Eleanor.....	Halifax.
Marsh, Robert Archibald.....	Halifax.
Marshall, John Thomas.....	Bridgetown, Anna. Co.
Marshall, Margaret Louise.....	Halifax.
Martell, Frances Elizabeth.....	Windsor, Hants Co.
Martell, William Rigby..... (K)	Windsor, Hants Co.
Marven, Joseph Avard.....	Moncton, N. B.
Matheson, Charles Daniel.....	Hopewell, Pic. Co.
Matheson, James Parker.....	Brentwood, Col. Co.
Meagher, Blanche Margaret Mary, M. A.....	Halifax.
Meagher, George Vincent Joseph.....	Halifax.
Mercer, Arthur Henry.....	Halifax.
Mercer, Eric Bracewell.....	Halifax.
Mercer, Malcolm James.....	St. John's, Nfld.
Merchant, Evatt Francis.....	Halifax.
Merkel, James William Arthur.....	Halifax.

(K) Enrolled in King's College.



Merkel, Margaret Isabella.....	Halifax.
Miles, Mary Marguerite.....	Charlottetown, P.E.I.
Mont, James William.....	Halifax.
Montgomerie, Hugh Mackay.....	Halifax.
Moore, Cephrenus Geoffrey, B. Sc.....	Dartmouth, Hfx. Co.
Moore, Margery Kate.....	Dartmouth, Hfx. Co.
Morgan, Mose Osborne.....	Sunnyside, Trinity Bay, Nfld.
Morison, Margaret Gene MacGregor.....	Halifax.
Morrell, Ola Mac.....	Amherst, Cumb. Co.
Morriscey, Margaret Emily.....	Halifax.
Moskowitz, Jack.....	Brooklyn, N.Y., U.S.A.
Moss, Alfred Willis.....	Amherst, Cumb. Co.
Mullaley, Eric Joseph.....	Halifax.
Mullane, John Charles.....	Halifax.
Munroe, Helen Elizabeth.....	Halifax.
Murphy, Charles Walter.....	Halifax.
Murphy, Mariam Charlotte.....	Halifax.
Murphy, Raymond Herbert.....	(K)Halifax.
Murphy, Richard Joseph Francis.....	Halifax.
Murray, Barbara Allen.....	Dartmouth, Hfx. Co.
Murray, Robert Graham.....	Dartmouth, Hfx. Co.
Mushkat, Lawrence Sanford.....	Halifax.
Myatt, Laurie William.....	Halifax.
Myers, Clyde Vincent, B.A.....	Halifax.
Nancekivell, Arthur Frank.....	Halifax.
Napier, William Fraser.....	Campbellton, N. B.
Nelson, Harry Edgar.....	Clifton, Col. Co.
Nichols, Gerald Borden.....	Aylesford, King's Co.
Nicholson, Peter Murray.....	Glace Bay, C. B. Co.
Nicholson, William MacKay.....	Reserve Mines, C. B. Co.
Noble, William John, B. Sc.(U.N.B.).....	Fredericton, N. B.
Nonamaker, Edgar Paul.....	Mahone Bay, Lun. Co.
O'Dwyer, Ellie Kathleen.....	Halifax.
Ormiston, Arthur Wilfred, B.A.....	Sydney, C. B. Co.
Osborne, Albert Walter.....	Keswick, Norfolk, Eng.
Parlee, Norman Allen DeVine, B. Sc.....	Dartmouth, Hfx. Co.
Patton, Helen Mary Louise.....	Halifax.
Patton, Hugh Maitland.....	Ormiston, P. Q.
Peake, Arthur Holdsworth.....	(K)Charlottetown, P.E.I.
Pearce, Ronald Edward.....	Dartmouth, Hfx. Co.
Pearson, Benjamin Franklin Crawford.....	Halifax.
Pearson, Mary Elizabeth.....	Halifax.
Pelham, Lenore Francis.....	Halifax.
Pentz, Ella Irene.....	Halifax.
Phillips, Welsford Gordon.....	Halifax.
Phinney, Frank Eugene.....	Melvyn Square, Anna.Co.
Piercey, George Charles.....	Armdale, Hfx. Co.
Piercey, Joyce Catherine.....	Armdale, Hfx. Co.
Piers, Emily Virginia.....	Halifax.
Pollett, Arthur Raymond.....	Sydney, C. B. Co.
Pope, Charles Anstruther.....	(K)Moncton, N. B.

(K) Enrolled in King's College.

Prescott, Mary Agnes.....	(K) Baie Verte, N. B.
Pue-Gilchrist, Margaret Ann, B.A.....	Sydney, C. B. Co.
Purves, Archibald Henry Blair.....	Halifax.
Putnam, James Murray.....	Truro, Col. Co.
Quigley, Hadsel Gordon.....	Eastern Passage, Hfx. Co.
Rand, John Lee.....	(K) Middleton, Anna. Co.
Rankine, Ann Mae.....	Halifax.
Read, James John Chitty.....	Ottawa, Ont.
Read, Raymond Alexander.....	Corner Brook, Nfld.
Read, Royal Verne.....	Erie, B. C.
Redden, Lawrence Arthur, B.Sc.....	Armdale, Hfx. Co.
Redka, Henry Robert.....	Mount Vernon, N.Y., U.S.A.
Reeves, Harold Alexander.....	New Glasgow, Pic. Co.
Regan, Frederick Alexander.....	Wolfville, King's Co.
Reid, John Burris.....	Truro, Col. Co.
Reid, Mary Wilhelmina.....	Cassilis, N. B.
Remby, Marjory Croft Banks.....	(K) West Dublin, Lun. Co.
Renouf, Harold Augustus.....	Halifax.
Reynolds, John Munro.....	Halifax.
Rice, Frederick Anders.....	(K) Joggins Mines, Cumb. Co.
Richardson, James Ernest, B.A., LL. B.....	Halifax.
Ritchie, Cicero Theodore.....	Dartmouth, Hfx. Co.
Robb, Donald Stirling, B.A.....	Bedford, Hfx. Co.
Robb, Ian Stewart.....	Bedford, Hfx. Co.
Roberts, Charles Augustus.....	St. John's, Nfld.
Robertson, George Burnley.....	Halifax.
Robertson, Margaret Isobel.....	(K) St. John's, Nfld.
Robinson, Frances Howard.....	(K) Bear River, Dig. Co.
Rosenberg, Edward.....	Jamaica, N. Y., U.S.A.
Rosier, Claude Harry.....	Brooklyn, Hants Co.
Ross, Donald Sutherland, B.Sc.....	Scotsburn, Pic. Co.
Ross, Hugh William.....	Meadowville, Pic. Co.
Ross, Marion Isabel.....	Kinross, P.E.I.
Rowlings, Harry Winfred.....	Musquodoboit Harbor, Hfx. Co.
Russell, Kathleen Erin.....	Halifax.
Ryan, Mary Frances.....	(K) Springhill, Cumb. Co.
Sabeau, Marjorie Mary.....	Halifax.
Sadofsky, Sylvia Claire.....	Sydney, C. B. Co.
Saffron, Leonard.....	Springhill, Cumb. Co.
Sanchez, Pedro.....	Santurce, Porto Rico.
Sanders, Maurice Gerson, B.A. (Brooklyn).....	Brooklyn, N.Y., U.S.A.
Satozky, Jacob Norman.....	Brooklyn, N.Y., U.S.A.
Sawler, Harold Hall, B.A.....	Dartmouth, Hfx. Co.
Schramm, Seth.....	Brooklyn, N. Y., U.S.A.
Schwalb, Sydney Stephen.....	New York, N. Y., U.S.A.
Schwartz, Margaret Kirk.....	Halifax.
Sellon, Charles Audley.....	Halifax.
Shane, Arthur Gerald.....	Yarmouth.
Shiery, John Henry Mader.....	(K) Mahone Bay, Lun. Co.
Short, Horatio Edward Pierce.....	Beaumont, Nfld.

(K) Enrolled in King's College.



Sieniewicz, Raymond.....	Halifax.
Simpson, James Gordon.....	Stewiacke, Col. Co.
Sircon, Joyce Mowbray.....	Halifax.
Sircon, Sylvia Kaye.....	Halifax.
Sister Agnes William.....	Rockingham, Hfx. Co.
Sister Catherine Margaret.....	Rockingham, Hfx. Co.
Sister Cecilia Clare.....	Rockingham, Hfx. Co.
Sister John Elizabeth.....	Rockingham, Hfx. Co.
Sister Joseph William.....	Rockingham, Hfx. Co.
Sister Marie Florette.....	Rockingham, Hfx. Co.
Sister Marion Bernadette.....	Rockingham, Hfx. Co.
Sister Martina Marie.....	Rockingham, Hfx. Co.
Sister Mary Leo.....	Rockingham, Hfx. Co.
Sister Rita Gertrude.....	Rockingham, Hfx. Co.
Smith, Charlotte Jean, B.A. (Mt. A.)..	Lunenburg.
Smith, Craig Neelands.....	(K) New York, N. Y., U.S.A.
Smith, Elton Gordon.....	Caledonia, Queen's Co.
Smith, Harry Douglas.....	Halifax.
Smith, Harry Morris.....	Charlottetown, P.E.I.
Smith, Roderic Ennis.....	(K) Summerside, P.E.I.
Stanfield, Gordon Dawson.....	Truro, Col. Co.
Starritt, Jack Osler.....	Portaupique, Col. Co.
Stech, Hilton Robert Greville.....	Halifax.
Stephenson, Eric Paul.....	Hazel Hill, Guys. Co.
Sterns, William Stewart.....	Glace Bay, C. B. Co.
Stevens, William John.....	Halifax.
Stewart, Herbert Leslie.....	Halifax.
Stewart, James Roy.....	Antigonish.
Stewart, Lorne John Wallace.....	Nelson, B. C.
Stewart, Mary Elizabeth Sheila.....	Halifax.
Stewart, Samuel Edgar.....	Halifax.
Stirling, Mary.....	Scotsburn, Inv. Co.
Stonehius, Joseph.....	Brooklyn, N.Y., U.S.A.
Strong, Elinor.....	(K) Springhill, Cumb. Co.
Sullivan, Edmund.....	Halifax.
Sullivan, Victor Eustace.....	Halifax.
Sutherland, John William Henderson..	New Glasgow, Pic. Co.
Swanburg, Julia Aurelia.....	Windsor Junction, Hfx. Co.
Tanton, George Stavert.....	(K) Summerside, P.E.I.
Teasdale, Eric Gordon.....	Dartmouth, Hfx. Co.
Teich, Alvin.....	New York, N.Y., U.S.A.
Thompson, Gordon Henry.....	Halifax.
Thomson, Elizabeth Tulloch.....	Elmsdale, Hants Co.
Thurgood, Frederick Albert.....	Arichat, Rich. Co.
Thurlow, James Lionel Metherall, B. Sc.....	Lunenburg.
Tidmarsh, William Wendell.....	(K) Charlottetown, P.E.I.
Tonning, Henrik Odd.....	Black's Harbour, N. B.
Topp, Allan Crickington.....	Halifax.
Torrie, Alexander Frederick.....	(K) Moncton, N. B.
Trueman, David Bayard.....	Parrsboro, Cumb. Co.
Tufts, Karl Harrington.....	(K) Dartmouth, Hfx. Co.
Vair, Stewart Douglas Strickland.....	Halifax.
Vaughan, John Robert.....	Halifax.

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(K) Enrolled in King's College.

Wainright, Hastings Burnaby.....	(K)Halifax.
Walker, Bernice Evelyn.....	Halifax.
Walker, Evelyn Ruth.....	(K) Moncton, N. B.
Wall, Marietta Gertrude.....	Halifax.
Wallace, Raphael Herman.....	Halifax.
Wallace, Ronald Joseph.....	Halifax.
Walsh, James Philip.....	Halifax.
Walter, Arthur Robert Brittain.....	Saint John, N. B.
Ward, Arthur Morrison.....	Springhill, Cumb. Co.
Watson, Dennis Wallace, B.S.A. (Tor).....	Morpeth, Ont.
Watson, Edwin Penna.....	Halifax.
Watson, Mary Paisley, B. A.....	Halifax.
Webb, Catherine Dorothy.....	Halifax.
Webster, Geddes Murray.....	Yarmouth.
Weldon, John Galt.....	Mexico City, Mexico, U.S.A.
Wellner, William Westaway.....	Lower Montague, P.E.I.
Westhaver, Marian Elizabeth.....	Lunenburg.
Wetmore, James Stuart.....	(K) Hampton, N. B.
Whalley, Basil John Palmer.....	Halifax.
Whidden, Gordon Hamilton.....	St. Catharine's, Ont.
Whyte, John Henderson.....	(K) Sydney Mines, C. B. Co.
Wickwire, William Alexander Keith.....	Halifax.
Wier, Margaret Clare.....	Glace Bay, C. B. Co.
Williams, Katharine Relief, B. A. (Mt. A.), M.A. (McGill).....	Egerton, Pic. Co.
Willis, John Stanley.....	Shanghai, China.
Winter, Sidney Joseph.....	New York, N.Y., U.S.A.
Wiswell, John Gordon.....	Halifax.
Woodbury, John Francis Lydiard.....	Halifax.
Woodworth, Carl Austin.....	Milford Station, Hants Co.
Woolaver, Margaret Silver.....	Newport, Hants Co.
Wright, Ralph Wallace.....	Halifax.

#### Registered for Examinations Only

Abbott, Joseph.....	Kentville, King's Co.
Brownstein, Seymour Abraham.....	Brooklyn, N. Y., U.S.A.
Clark, Donald Story.....	Moncton, N. B.
Coakley, Charles William.....	Halifax.
Colwell, Kenneth Stewart.....	Halifax.
Daley, Gordon Kenneth.....	Saint John, N. B.
Davies, John Roberts, B.A.....	Toronto, Ont.
DeMone, Frank Lewis.....	Halifax.
Gillespie, Gwenlyn Jean.....	New Glasgow, Pic. Co.
Gladwin, John Stanhope.....	Pembroke, Bermuda.
Hirtle, Vernon Lloyd Arthur.....	Halifax.
Hutton, Stanley Lee.....	Halifax.
James, Alan MacKenzie.....	Halifax.
James, Ian Forrest.....	Halifax.
Kirshner, Herbert Jordan.....	New York, N. Y., U.S.A.
Longley, Kenneth James Frederick.....	Halifax.
McLaren, James Victor.....	Charlottetown, P.E.I.
Moore, Margaret Adelaide.....	Dartmouth, Hfx. Co.
Nathanson, Irving.....	Halifax.
O'Leary, Patrick Terrence.....	Armdale, Hfx. Co.
Petrie, Louis Adrian.....	Bell Island, Nfld.

(K) Enrolled in King's College.



Pistone, James Vincent.....	Sydney, C. B. Co.
Pitcairn, Andrew.....	Summerside, P.E. I.
Ryan, Edward Murray.....	Halifax.
Sister Cecile Marie.....	Rockingham, Hfx. Co.
Sister Alice Michael.....	Rockingham, Hfx. Co.
Sister Francis Michael.....	Rockingham, Hfx. Co.
Sister Gertrude Francis.....	Rockingham, Hfx. Co.
Sister Louise Florence, B.A.....	Rockingham, Hfx. Co.
Sister Mary Cleophas.....	Rockingham, Hfx. Co.
Sister Patricia Margaret.....	Rockingham, Hfx. Co.
Sister Mary Fabian.....	Rockingham, Hfx. Co.
Smith, Edgar Bernard.....	Caledonia, Queen's Co.
Spinney, Katherine Rutherford.....	Yarmouth.
Wheeler, Gerald John Galloway.....	Moncton, N. B.
Williams, Donald Browne.....	Halifax.
Wood, Walter Bennett.....	Twillingate, Nfld.
Zatzman, Lillian.....	Halifax.

## FACULTY OF LAW

### Third Year

Arab, Edward Francis, B.A.....	Halifax.
Baldwin, Robert Parmenter.....	Baddeck, Vic. Co.
Buckley, John Sarsfield.....	Halifax.
Byrne, Edward Gerald John.....	Dartmouth, Hfx. Co.
Connor, Harold Palmatary, B.A.....	Halifax.
Crease, James Douglas, B.A.....	Halifax.
Donkin, Laurence Ernest, B.A.....	Halifax.
Fergusson, Neil Layton, B.A.....	Port Morien, C. B. Co.
Fisher, John Wiggins.....	Sackville, N. B.
Grant, Charles Wilkie, B.Sc.(St.F.X.)	James River Station, Ant. Co.
Gunter, Herbert Hiram, B.A.	
(Acadia).....	Parrsboro, Cumb. Co.
Harvey, Daniel Ross Cobb, B.A.....	Halifax.
Higgins, Ernest Skinner, B. A.....	Halifax.
Johnson, Winston Case.....	Saint John, N. B.
Landreville, Leo Albert, B.A.	
(Ottawa).....	Ottawa, Ont.
Leonard, Malcolm Stewart, B. A.	
(Acadia).....	Paradise, Anna. Co.
MacIvor, John Smith, B. A. (Acadia)	Glace Bay, C. B. Co.
MacLatchy, Edward Symons, B. A.....	Truro, Col. Co.
MacLeod, Innis Gordon, B.A.(Mt.A.)	Sydney, C. B. Co.
Mercer, Isaac.....	Sunnyside, Trinity Bay, Nfld.
Nicholson, Donald Norman.....	Glace Bay, C. B. Co.
Rand, Clinton Roger, B. A.(Acadia)	Yarmouth.
Rowley, John William Horsley, B.A.	Ottawa, Ont.
Sprague, Alan Brown, B.A. (Queen's)	Belleville, Ont.
Sutherland, Dougald Herman, M.A.	
(St. F. X.).....	Sydney, C. B. Co.

### Second Year

Baird, George Evans, B.A.(Bishop's)	Perth, N. B.
Burchell, Charles William, B.A.....	Halifax.
Cameron, John Ralph, B. A.....	Halifax.

Chisholm, Duncan John.....	Antigonish.
Cohen, Sheldon Myer, B.A.....	Yarmouth.
Cook, William Thomas, B. Sc. (Mt. A.)	Moncton, N. B.
Davis, Evelyn Norris.....	Prince Albert, Sask.
DeWolfe, Guy Carleton, B.A. (Acadia)	Oxford, Cumb. Co.
Douglas, John William.....	Amherst, Cumb. Co.
Hanway, James Albert, B.Sc. (St. F. X.)	Amherst, Cumb. Co.
Hungerford, Walter George Doning- ton.....	London, Ont.
Kitz, Leonard Arthur.....	Halifax.
McDonald, John Ferguson.....	Sydney, C. B. Co.
McIntyre, William Pitfield, B. A.....	Sussex, N. B.
MacKeigan, Ian Malcolm, M.A.....	Halifax.
Parlee, Thomas Babbitt, B.A. (Mt. A.)	Moncton, N. B.
Pipe, William Harvey, B.A.....	Amherst, Cumb. Co.
Redmond, David Lawrence, B. A.....	Halifax.
Rogers, Benson Audrey, B.A. (Tor.)	Toronto, Ont.
Sheehan, Thomas Moran, B. Com., B. A.....	Halifax.
Thorpe, Victor Newcombe, B.A. (Acadia).....	Centreville, King's Co.

#### First Year

Armstrong, Robert Ludlam, B.A. (U.N.B.).....	Fredericton, N. B.
Ash, Reginald Douglas.....	Carbonear, Nfld.
Baggs, Lloyd Eugene, B. Sc. (Mt. A.)	Curling, Nfld.
Burchell, Wilfred Sydney.....	Little Bras d'Or, C.B. Co.
Coleman, Rowan Corry, B.A. (McGill)	Montreal, P. Q.
Daley, Gordon Kenneth, B. Com.....	Saint John, N. B.
Drummie, Margaret Stanwood.....	Saint John, N. B.
Fitz-Patrick, Frederick Joseph.....	St. John's, Nfld.
Gaudet, Gilbert.....	Charlottetown, P.E.I.
Gillis, John Hugh Larkin.....	Sydney, C. B. Co.
Hirsch, Anne.....	Sydney, C. B. Co.
Karrel, Benjamin.....	Sydney, C. B. Co.
Keddy, Clarence Butler.....	Bridgewater, Lun. Co.
Lithwick, Sydney.....	Ottawa, Ont.
MacKay, Duncan Hugh, B.A.....	Glace Bay, C. B. Co.
MacLeod, Francis Neil, M.A. (St. F. X.)	Antigonish.
McQuaid, Melvin James, B.A. (St. F. X.)	Souris, P.E.I.
Meagher, Kevin Joseph Nicholas.....	Halifax.
Merchant, Evatt Francis.....	Halifax.
Milner, James Bryce.....	Amherst, Cumb. Co.
O'Brien, Lawrence Francis Joseph.....	Halifax.
Read, Royal Verne.....	Erie, B. C.
Regan, Frederick Alexander, B.Sc. (Acadia).....	Wolfville, King's Co.
Sawler, John James.....	Dartmouth, Hfx. Co.
Storey, Donald William.....	Moncton, N. B.
Swetnam, Ralph Victor.....	Amherst, Cumb. Co.
Veniot, Harvey Alfred.....	Pictou.
Webb, Micheal Ignatius.....	Halifax.

#### Special Students

Bagg, Douglas Gordon.....	Westmount, P. Q.
Goodman, Bernie Maxwell.....	New Glasgow, Pic. Co.



Robertson, George Burnley.....Halifax.  
Sutherland, John William Henderson. New Glasgow, Pic. Co.

**Registered for Examinations only**

Anderson, May Gladys, B.A., B.Com. West River, Pic. Co.  
Hinchey, Michael Joseph, B.A.  
(St.F.X.).....New Waterford, C. B. Co.  
MacSween, Allan Joseph, B.A.  
(St.F.X.).....New Waterford, C. B. Co.  
Webber, Harvey.....Halifax.

**FACULTY OF MEDICINE****Fifth Year**

Baird, Ronald Pierce.....Richibucto, N. B.  
Bennett, Sidney Rhonddah.....Bell Island, Nfld.  
Brown, Bernard Marcus.....Brooklyn, N. Y., U.S.A.  
Davis, Harold, B.Sc. (C.C.N.Y.).....Jackson Heights, L.I., N.Y.,  
U.S.A.  
Donahoe, James Emmett.....Souris West, P.E.I.  
DuBilier, Benjamin.....Staten Island, N. Y., U.S.A.  
Glorioso, John Alexander.....Lorain, Ohio, U.S.A.  
Grant, Arthur Roy, B.Sc. (St.F.X.).....Miscouche, P.E.I.  
Green, Leo, B.S. (N.Y.U.).....New York, N. Y., U.S.A.  
Horowitz, Alexander Sam.....Jersey City, N. J., U.S.A.  
Johnson, Gladys Enid, B.A. (Acadia).....Canso, Guys. Co.  
Jones, Robert Orville, B.Sc.....Bridgetown, Anna. Co.  
Knodell, Herbert Lindsay.....Halifax.  
Lamond, William James.....Sydney Mines, C. B. Co.  
LeBrun, Gerald Jersey, B.Sc.....Bridgetown, Anna. Co.  
Lefkovic, Sidney Charles, B. Sc.....Jersey City, N. J., U.S.A.  
Macdonald, Charles Joseph.....Cardigan, P.E.I.  
McLellan, James Russell.....Sydney, C. B. Co.  
Maddison, George Edward.....Moncton, N. B.  
Mandelstam, Abe Wallace, A.B.  
(Bates).....Lewiston, Maine, U.S.A.  
Morris, David Bryant.....Windsor, Hants Co.  
Murray, William Edward.....New Glasgow, Pic. Co.  
Nicholson, John Fraser, B. Sc.....Glace Bay, C. B. Co.  
Pearlman, Carl, B.S. (N.Y.U.).....Brooklyn, N. Y., U.S.A.  
Peters, Gordon Manning, B.A. (Acadia).....Glace Bay, C. B. Co.  
Portnoy, Isidore, B.Sc.....New York, N. Y., U.S.A.  
Rosenberg, Bernard Herman, B.S.  
(N.Y.U.).....Brooklyn, N. Y., U.S.A.  
Ryan, Lewis Raymond, B.Sc.....Truro, Col. Co.  
Solomon, Daniel, B.Sc. (Bucknell).....Sunbury, Pa., U.S.A.  
Wilson, Harry Edward, B.A. (Dart.).....Windsor, Hants Co.  
Zauderer, Seymour Jefferson, B.S.  
(N.Y.U.).....New York, N. Y., U.S.A.

**5th Fourth Year**

Balkin, Seymour Samuel, B.Sc.....Brooklyn, N. Y., U.S.A.  
Barnhill, Edward Brunswick.....Bayfield, N. B.  
Beeber, Tobias.....Brooklyn, N. Y., U.S.A.  
Berkowitz, Sidney Bert, B.Sc.....Brooklyn, N. Y., U.S.A.  
Coady, Basil Kenneth, B. A.....Armdale, Hfx. Co.  
Deutsch, Irvin, B.Sc.....New York, N. Y., U.S.A.  
Dougan, Travis Slipp.....Harvey Station, N. B.

*Bennett S.R.*

*nfd (until fall)*

*Brown B.M.*

*Brooklyn N.Y. Repeater*



Embree, William Hazen.....	Amherst, Cumb. Co. 1 sugg.
Gold, Isadore Roy, B.Sc.....	Glace Bay, C. B. Co.
Horowitz, Leo.....	Jersey City, N.J., U.S.A. 2 suggs
Josephson, George Frantell.....	Brooklyn, N. Y., U.S.A.
Lea, Richard Gordon.....	Victoria, P.E.I.
MacIsaac, Wilfred.....	Inverness. 2 suggs
Macellan, Robert William, B.A.....	Halifax.
Maharajh, Deonarayan Omah, S.B. (Chicago).....	Siparia, Trinidad, B.W.I.
Morse, Frank Winston, B.A. (Acadia).....	Lawrencetown, Anna. Co.
Ramsay, Donald William.....	Moncton, N. B.
Rosenberg, Samuel Nathan.....	Brooklyn, N. Y., U.S.A. 1 sugg
Rosenfeld, Julius Laurence.....	Brooklyn, Hants Co.
Roy, Wallace Moffatt.....	North Sydney, C. B. Co.
Siegel, Sidney James.....	Brooklyn, N. Y., U.S.A.
Simms, George Graham Griffiths, B.A.....	Halifax.
Smith, Edward John, B.Sc.....	Shediac, N. B.
Spurr, Helen Campbell, B.Sc.....	Liverpool, Queen's Co.
Stentafor, Thomas Gould.....	Carbonear, Nfld. 2 suggs
Stewart, Chester Bryant, B.Sc.....	Norboro, P.E.I.
Stoddard, Carl Crealman.....	Halifax.
Strong, Robert Russell.....	St. John's, Nfld.
Tonning, Daniel Joerstad.....	Black's Harbour, N. B.
Trask, Carl Raymond, B.A., B.Sc. (Acadia).....	Yarmouth. 1 sugg
Webster, John Alexander, B.Sc.....	Yarmouth.
Witkin, Leonard Emanuel, B.Sc.....	Brooklyn, N.Y., U.S.A.

**Third Year**

Abelson, Max Moss.....	Brooklyn, N.Y., U.S.A.
Aikens, Robert Leander, B.Sc.....	Stellarton, Pic. Co. ✓
Blair, Allan Campbell, B.Sc. (Sask.).....	Moose Jaw, Sask.
Borkow, Philip Stanley.....	Brooklyn, N. Y., U.S.A.
Bressler, David.....	Paterson, N. J., U.S.A.
Bryant, Harold Russell.....	Norton, N. B. - 2 suggs
Burley, John Samuel.....	Andover, N. B.
Cassell, Max.....	Brooklyn, N. Y., U.S.A. 2 suggs
Christie, Hugh Ells.....	Amherst, Cumb. Co.
Day, George Fred, B. Sc. (Mt. A.).....	Thorburn, Pic. Co.
Donahoe, Joseph Anthony.....	Cardigan, P.E.I. 1 sugg.
Douglas, George Ritchie.....	New Glasgow, Pic. Co.
Duffy, Charles James, B. Sc. (St.F.X.).....	Chatham, N. B.
Epstein, Arnold Abe.....	New Waterford, C. B. Co. ✓
Frankel, Israel Alfred.....	New York, N. Y., U.S.A.
Frost, William Harding.....	Saint John, N. B.
Gillis, Joseph Hazelton, B.Sc. (St.F.X.).....	Indian River, P.E.I.
Gorkin, Morris, B. Sc. (C.C.N.Y.).....	Saskatoon, Sask.
Gosse, Clarence Lloyd, B.Sc.....	Halifax.
Haimowitz, Jack, B.Sc.....	Brooklyn, N. Y., U.S.A.
Hogan, Ralph Bernard.....	Moncton, N. B. 1 special
Hopkirk, James Francis, B.Sc.....	Almonte, Ont.
Isen, Paul Jonathan.....	Maspeth, L.I., N.Y., U.S.A.
Joseph Solomon, B.A. (C.C.N.Y.) B.Sc.....	New York, N. Y., U.S.A.
Kearney, James Girard, B. S. (St. Thomas).....	Scranton, Pa., U.S.A.
Klein, Leonard Peter.....	New York, N. Y., U.S.A.



4	Lebowitz, Jerome Harold	New York, N. Y., U.S.A.	1 sugg
	Lehv, Gilbert Gabriel, B.Sc.	Brooklyn, N. Y., U.S.A.	1 sugg
	Lipitz, Abraham Milton, B.S. (Col.)	Brooklyn, N. Y., U.S.A.	
	MacIntosh, David Lloyd, B.A., B.Sc.	Bedford, Hfx. Co.	
	MacIntyre, Mary Wheeler, B.A. (Cal.)	LaJolla, California.	
	McLellan, Charles Lorway	Sydney, C. B. Co.	
	Miller, John Stewart, B.Sc.	Halifax.	
2	Miller, Seymour	Brooklyn, N. Y., U.S.A.	
	Morson, Walter Gerald, B.Sc.	Halifax.	
	Peckman, Abraham	Jersey City, N. J., U.S.A.	1 sugg
	Posner, David Julius, B. Sc.	Brooklyn, N. Y., U.S.A.	2 sugg
	Rankine, James Andrew, B.Sc.	Aylesford, King's Co.	
	Rubins, Irving, B.Sc.	Brooklyn, N. Y., U.S.A.	
16	Schlosberg, Stanley Soffin, B.S. (N.Y.U.)	New York, N. Y., U.S.A.	
	Simpson, William	Amityville, N. Y., U.S.A.	
	Sproull, Lewis Murray	Pictou Landing, Pic. Co.	2 sugg
	Worrell, John Clarendon, B.Sc.	Halifax.	37

3rd yr. **Second Year**

	Annear, William Cameron	Lower Montague, P.E.I.	3 sugg
	Boothroyd, Wilfred Ernest, B.A. (Mt. A.)	Shediac, N. B.	
1	Cameron, John Roderick	Grand River, Rich. Co.	
	Chipkin, Irving, B.S. (Col.)	Brooklyn, N. Y., U.S.A.	
	Curtis, Owen Herbert	Charlottetown, P.E.I.	
	Emmerson, Hibbard Randall	Dartmouth, Hfx. Co.	
	Gallant, Joseph Anthony, B. Sc. (St. F. X.)	Gravelbourg, Sask.	
	Garten, Karl Anthony	Halifax.	
	Goldberg, Howard Irving, B. Sc.	Halifax.	
	Harris, Frederick Fraser	St. John's, Nfld.	
	Herzenberg, Bernice Joan, B.A. (Hunter), B.Sc.	Brooklyn, N. Y., U.S.A.	2 sugg
2	Hochman, Alex, B.S. (N.Y.U.)	Paterson, N. J., U.S.A.	
	Horowitz, William	New York, N. Y., U.S.A.	
	Howell, Eric Boyd	Carbonear, Nfld.	
	Ide, Eli	New York, N. Y., U.S.A.	
	Irwin, Joseph Kent Lyall, B.Sc. (St. F. X.)	Port Morien, C. B. Co.	2 sugg
	Isaacson, Philip Alan, B.S. (Col.)	Brooklyn, N. Y., U.S.A.	
	Korman, Arnold	Paterson, N. J., U.S.A.	
	Levittan, Edwin Daniel, B.S. (Col.)	Brooklyn, N. Y., U.S.A.	
	Levy, Leonard William, B.Sc.	Brooklyn, N. Y., U.S.A.	
3	MacDonald, John Angus, B.Sc. (St. F. X.)	New Waterford, C. B. Co.	
	Macintosh, Olding Carvell, B. Sc. (St. F. X.)	Antigonish.	
	McKenna, Reginald Ignatius	Oyster Bed Bridge, P.E.I.	1 sugg
	MacKenzie, Seymour Gordon	Halifax.	
	MacLeod, Frederick Harold	Port Hawkesbury, Inv. Co.	
	Mackles, Abraham, B.Sc.	Brooklyn, N. Y., U.S.A.	
	Mitchell, Hazen Calder, B.A. (Mt. A.)	Campobello Isle, N. B.	
4	Morrison, Jonathan Irving	Newton Centre, Mass., U.S.A.	3 sugg
	Murphy, George Herman, B. A.	Halifax.	
	Posner, Noah Nathaniel	Brooklyn, N. Y., U.S.A.	

McLellan, C. L.

Sydney, N. S. Repeater

Parsons, E. V.

Nfld.



	<i>Rothley, A.R.</i>		<i>ambush</i>
	Rothfeld, Samuel Herman, B.S. (Col.)	Brooklyn, N. Y., U.S.A.	
	Rubinger, Joshua, B.A. (N.Y.U.)	Yonkers, N. Y., U.S.A.	
5	Schwartz, Albert Aaron, B.S. (N.Y.U.)	New York, N. Y., U.S.A.	
	Shane, Samuel Jacob, B.Sc.	Yarmouth.	
	Siegel, Sam	Sydney, C. B. Co.	
	Simensky, Philip Franklin, B.Sc.	Brooklyn, N.Y., U.S.A.	
	Smith, Gerald Allan	Angle Brook, Nfld.	
	Stiefel, Frederick Harris	Rockaway Park, L.I., N.Y., U.S.A.	
6	Tafeen, Carl Harris, B.Sc.	Brooklyn, N. Y., U.S.A.	
	Thorne, Edward Lefferts	Halifax.	
	Wright, Robert Gordon	Inverness.	
39	Zelony, Abraham, M.A. (Col.)	Brooklyn, N. Y., U.S.A.	(39)

*Second* **First Year**

X	Archibald, William White	<i>Dal.</i>	Sydney Mines, C. B. Co. <i>2 suggs.</i>
	Baldwin, John Henry	<i>M.F.A.</i>	Moncton, N. B.
	Barton, Frederick Joseph	<i>Dal.</i>	Halifax.
	Beer, John Kenneth	<i>P.W.C.</i>	Montague, P.E.I.
X	Bingham, Robert Hunter	<i>M.F.A.</i>	Moncton, N. B. <i>-2 suggs.</i>
	Bird, Stephen Borden	<i>M.F.A.</i>	Brooklyn, Queen's Co.
	Black, Brian Ormsky	<i>U.N.B.</i>	Fredericton, N. B.
	Callaghan, Wilfred Edward, B. Sc.		(St. F.X.) Summerside, P.E.I.
	Chisholm, Hugh Alexander	<i>Dal.</i>	Halifax.
	Dickie, Alfred Reginald	<i>M.F.A.</i>	Digby. <i>2 suggs.</i>
	Dickie, Edward Dudley	<i>M.F.A.</i>	Digby.
	Disbrow, Lynus Johnson	<i>Acadia</i>	Dalhousie, N. B.
	Foley, Horace Archibald, B.A. (Acadia)		Centreville, King's Co.
	Fuller, David Lawrence	<i>Acadia</i>	Shelburne.
<i>Gallant, J.A.</i>	Garvie, Andrew Alphonsus, B.Sc.	<i>Repeater</i>	<i>Sask.</i>
	(St. F.X.)		Salt Springs, Ant. Co.
	Goldberg, Harry, B.S. (Col.)	<i>M.F.A.</i>	New York, N. Y., U.S.A.
	Gordon, Evander James, B.A.		(Acadia) Melvern Square, Anna. Co.
<i>Harris, F.F.</i>	Gould, Eric Edgar	<i>Repeater</i>	<i>M.F.A.</i> Middle Sackville, N. B. <i>Yed.</i>
	Heldman, Arthur	<i>Cal.</i>	New York, N. Y., U.S.A.
	Hirtle, Waldo Emerson	<i>Dal.</i>	Rockingham, Hfx. Co.
	Hoffman, Martin Mandell	<i>M.F.A.</i>	Saint John, N. B.
	Ideson, Roderick, B.Sc. (Acadia)		St. Andrew's, N. B.
	Inman, George Strong Alexander	<i>M.F.A.</i>	Summerside, P.E.I.
	Kenny, Francis William	<i>M.F.A.</i>	Rexton, N. B.
	Laidlaw, Thomas Angus	<i>M.F.A.</i>	Halifax.
	Macarthur, Frederic Creelman	<i>U.N.B.</i>	Fredericton, N. B. <i>1 sugg.</i>
	McCurdy, David Graham	<i>Dal.</i>	Sydney, C. B. Co. <i>1 " "</i>
	MacDonald, Donald Willis, B.A.		(Acadia) Sydney Mines, C. B. Co. <i>Repeater</i>
	McElman, George William, B.A.		(U.N.B.) South Devon, N. B.
	MacIntosh, Allan Simpson, B.A., B.Sc.	<i>Dal.</i>	Bedford, Hfx. Co.
	MacKay, Neil Ainslie	<i>Dal.</i>	West Bay, Inv. Co.
	MacMaster, Donald, B.Sc. (St. F.X.)		Antigonish.
	MacNeil, John James, B. Sc. (St. F.X.)		New Waterford, C. B. Co.
	MacRae, Duncan Russell	<i>Dal.</i>	Sydney Mines, C. B. Co.
	Manchester, John Stewart	<i>M.F.A.</i>	Saint John, N. B.
	Martin, John Edward	<i>P.L. Rd.</i>	Cranston, R. I., U.S.A. <i>sugg.</i>
	Murphy, Harry Bliss	<i>M.V.C.</i>	St. John's, Nfld.

*Wingenberg - A - Fran*



Pugh, R. E.

Heart's Content, Nfld. 2 suggs

Pauker, Sidney, B. S. (Col.)	.....	New York, N. Y., U.S.A.
Plumer, Ralph Franklin	.....	Hartland, N. B.
Quinlan, John James	.....	Grand Falls, Nfld.
Raider, Louis, B. S. (Brooklyn)	.....	Brooklyn, N. Y., U.S.A.
Raphael, Murray, B.S. (N.Y.U.)	.....	New York, N. Y., U.S.A.
Reardon, Charles Henry	.....	Halifax. 2 suggs
Rifkin, Harold, B.A. (Missouri)	.....	Brooklyn, N.Y., U.S.A.
Rommell, Stuart DeLong	.....	Havelock, N. B.
Ross, Henry Brown	.....	Halifax.
Ross, James Alton	.....	Stellarton, Pic. Co. 1 sugg
Sellers, Walter Simeon	.....	Bonavista, Nfld.
Serlin, Oscar	.....	Brooklyn, N. Y., U.S.A.
Shainhouse, Arthur, B.S. (Col.)	.....	Brooklyn, N. Y., U.S.A.
Slade, Harry Clyde	.....	Millertown, Nfld.
Spiro, Harold Maxim	.....	New Glasgow, Pic. Co. 1 sugg
Squire, James Bennett	.....	Wabana, Nfld.
Turner, Garnett William	.....	Kentville, King's Co.
Ulberg, Moe, B.S. (Col.)	.....	Brooklyn, N. Y., U.S.A.
Van Horne, Joseph Raymond	.....	Halifax.
Wanamaker, Frank Douglas	.....	Wolfville, King's Co.
Weiner, Harry, B. S. (Frank. and Marsh.)	.....	East Orange, N. J., U.S.A.
52 Young, Crossman Harley	.....	Blandford, Lun. Co. (52)

**Registered for Examinations Only**

Chinchin, Samuel Leo, B.Sc.	.....	New York, N. Y., U.S.A.
Davison, Marjorie Moira	.....	Hantsport, Hants Co.
Follender, David Andrew	.....	Queens Village, N.Y., U.S.A.
Mitchell, Earl Marshall	.....	Halifax.
Pugh, Roland Evan	.....	Heart's Content, Nfld.

**FACULTY OF DENTISTRY**

**Fourth Year**

Bauer, Eugene	.....	Brooklyn, N. Y. U.S.A.
Diamond, Benjamin Charles	.....	Brooklyn, N.Y., U.S.A.
Jacobs, Meyer Jack, B.S. (L.I.U.)	.....	New York, N. Y., U.S.A.
Joy, John Russell	.....	Fredonia, N. Y., U.S.A.
Muser, Robert Edward	.....	Brooklyn, N. Y., U.S.A.
Schwartz, Louis	.....	Brooklyn, N. Y., U.S.A.
Sibilia, Menenio Armando	.....	Bayside, L.I., N.Y., U.S.A.
Simon, Louis	.....	Brooklyn, N. Y., U.S.A.
Stein, Philip Maurice	.....	New York, N. Y., U.S.A.
Zacharia, David Isaac, B.S. (N.Y.U.)	.....	Brooklyn, N. Y., U.S.A.
Zuckerman, Murray Morris	.....	Brooklyn, N. Y., U.S.A.

**Third Year**

Aaronson Nathan Irving, B.S. (Brooklyn)	.....	Brooklyn, N. Y., U.S.A.
Crummey, Owen William	.....	Greenspond, Nfld.
Danziger, Fred	.....	Brooklyn, N. Y., U.S.A.
Egan, Clement John	.....	Port Arthur, Ont.
Fruchter, George Joseph, B.S. (St. Francis)	.....	Brooklyn, N. Y., U.S.A.
Gold, Henry Meyer, B. Sc. (C.C.N.Y.)	.....	New York, N. Y., U.S.A.
Harnish, Weldon Eldridge	.....	Halifax.

Levin, Robert, B. S. (N.Y.U.).....	New York, N. Y., U.S.A.
Meadow, Jerome.....	Brooklyn, N. Y., U.S.A.
Miller, Ian Adams Livingstone.....	Springhill, Cumb. Co.
Rogers, Thomas Lewis.....	Yarmouth.
Scarpone, Vincent John.....	Brooklyn, N. Y., U.S.A.
Schatz, Abraham Morris.....	Brooklyn, N. Y., U.S.A.
Scott, William Ronald.....	Halifax.
Simonowitz, Max.....	Brooklyn, N. Y., U.S.A.
Sloane, Albert.....	East Orange, N. Y., U.S.A.

#### Second Year

Archibald, Lewis Johnstone.....	Sydney Mines, C. B. Co.
Brown, Henry.....	New York, N. Y., U.S.A.
Christie, Philip Sinclair.....	Milford Station, Hants Co.
Dowd, John Patrick, B.Sc.....	Moncton, N. B.
Freed, Leon.....	Brooklyn, N. Y., U.S.A.
Gorlitz, Louis Eugene.....	Brooklyn, N. Y., U.S.A.
Hogg, William Gourlay.....	Charlottetown, P.E.I.
Kitchen, Paul Foshay.....	Fredericton, N. B.
McGuigan, James Patrick.....	Charlottetown, P.E.I.
Minichiello, Anthony John.....	Boston, Mass., U.S.A.
Peller, Emanuel Maurice.....	New York, N. Y., U.S.A.
Shain, Isidor Arthur, B. S. (N.Y.U.).....	New York, N. Y., U.S.A.
Tokosh, John Victor.....	New York, N. Y., U.S.A.

#### First Year

Becker, Abraham Morris.....	Brooklyn, N. Y., U.S.A.
Gaum, Harry.....	Sydney, C. B. Co.
Greenberg, Max.....	Brooklyn, N. Y., U.S.A.
Kronley, Samuel.....	New York, N. Y., U.S.A.
MacLellan, Allan Joseph, B. Sc. (St. F. X.).....	Antigonish.
Preiss, Emanuel.....	New York, N. Y., U.S.A.
Semel, Julius.....	Brooklyn, N. Y., U.S.A.
Smith, Arthur Reginald, B.A.....	Charlottetown, P.E.I.
Star, Morton.....	Yarmouth.
White, Thomas Howland.....	Summerside, P.E.I.

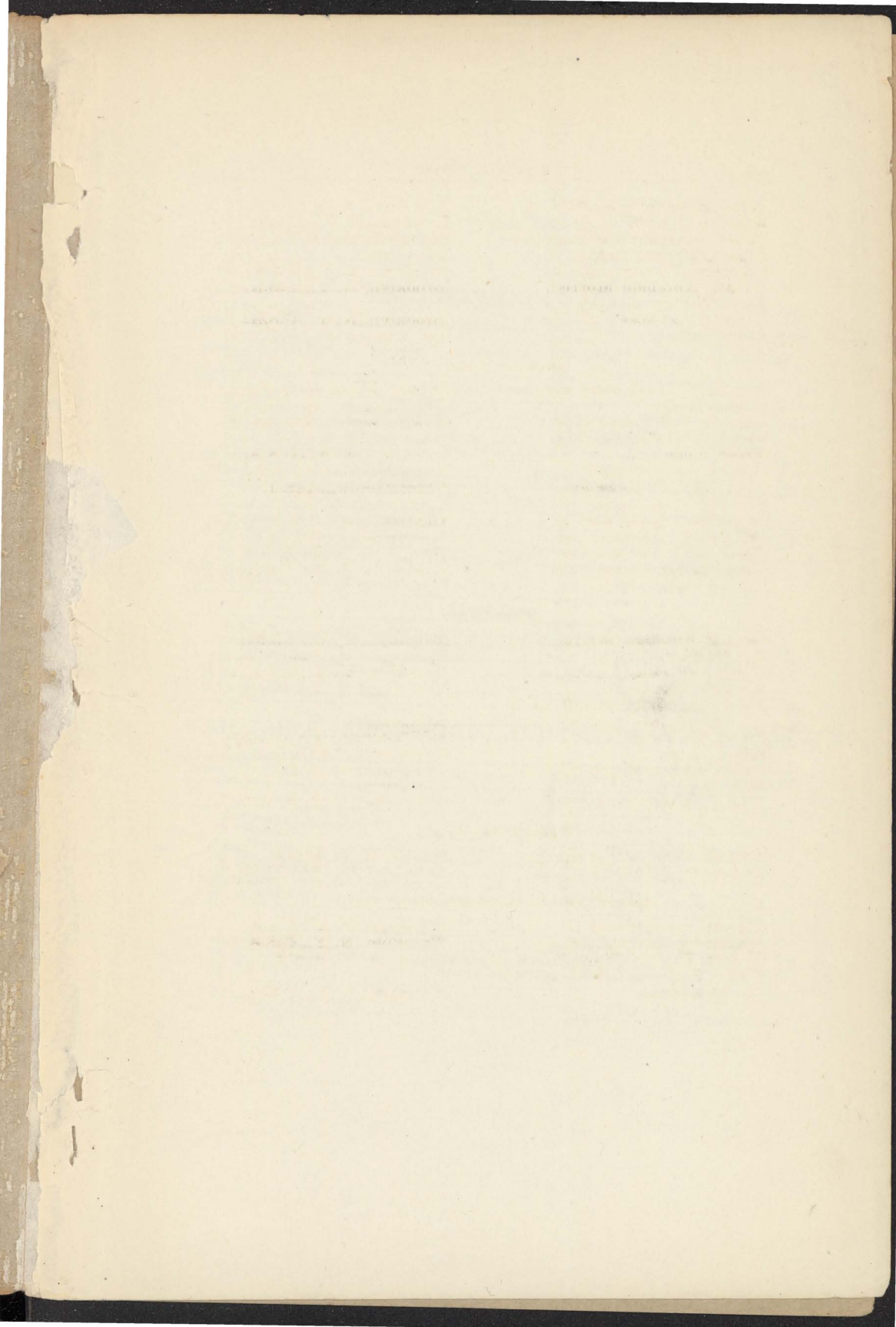
#### Special Students

Conrad, Sidney Charles.....	Passaic, N. J., U.S.A.
Kollender, Ellis Jules.....	New York, N. Y., U.S.A.

#### Registered for Examinations Only

Figman, Louis Harry.....	Brooklyn, N. Y., U.S.A.
Greenberg, Edward Jerome.....	Brooklyn, N. Y., U.S.A.
Nobert, Francis Chase, D.D.S. (Mich.).....	Rome, N. Y., U.S.A.
Victor, Jack Jacob Elsberg, B.A. (Alabama).....	Brooklyn, N. Y., U.S.A.





Levin, Samuel, D. A. (N.Y.C.)	New York, N. Y., U.S.A.
Levy, Jerome	Brooklyn, N. Y., U.S.A.
Miller, Leo Adolph Livingston	Longwood, Clark Co., Virginia
Morgan, Thomas Lewis	London
Myers, Vincent John	Brooklyn, N. Y., U.S.A.
Olson, Abraham Morris	Brooklyn, N. Y., U.S.A.
Orin, William Rowland	London
Shawville, Max	Brooklyn, N. Y., U.S.A.
Shaw, Albert	New Orange, N. Y., U.S.A.

## Second Year

Archibald, Lewis Johnston	Victoria, B.C., C. S. Co.
Bryce, Henry	New York, N. Y., U.S.A.
Carroll, Philip Stephen	Windsor, Quebec, Canada
Davis, John Patrick, D.D.	London, N. Y.
Frost, Leon	Brooklyn, N. Y., U.S.A.
Geddes, Louis Eugene	Brooklyn, N. Y., U.S.A.
Hugh, William Douglas	London, U.K., F.R.I.
McDon, Paul Patrick	Brooklyn, N. Y.
McIntosh, James Patrick	London, U.K., F.R.I.
Montgomery, Anthony John	London, U.K., F.R.I.
Paine, Kenneth Maurice	New York, N. Y., U.S.A.
Shaw, Walter Arthur, B.S. (N.Y.C.)	New York, N. Y., U.S.A.
Talbot, John Victor	New York, N. Y., U.S.A.

## Third Year

Byron, Abraham Morris	Brooklyn, N. Y., U.S.A.
Davis, Harry	London, U.K., F.R.I.
Dewdney, Max	Brooklyn, N. Y., U.S.A.
Evans, Samuel	New York, N. Y., U.S.A.
Madigan, Allan Joseph, B.S. (N.Y.C.)	London
Price, Clarence	New York, N. Y., U.S.A.
Reed, John	Brooklyn, N. Y., U.S.A.
Shaw, Arthur Reginald, B.S.	London, U.K., F.R.I.
Shaw, Marion	London
White, Thomas Rowland	London, U.K., F.R.I.

## Special Students

David, Sidney Charles	London, U.K., F.R.I.
Kalender, Ellis John	New York, N. Y., U.S.A.

## Registered for Examinations Only

Fisher, Louis Harry	Brooklyn, N. Y., U.S.A.
Dewdney, Edward Joseph	Brooklyn, N. Y., U.S.A.
Hubert, Francis Charles (London)	London, N. Y., U.S.A.
Yates, Jack James (London)	Brooklyn, N. Y., U.S.A.



## ENGINEERING COURSE.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>First Year.</b>						
9	Chem. 1.....	Drawing 1....	Chem. 1.....	Drawing 1 ..	Chem. 1.....	.....
10	.....	Surveying 1 ..	.....	.....	.....	.....
11	Math. 1.....	French 1 .....	Math. 1.....	French 1 .....	Math. 1.....	French 1 .....
12	English 1.....	.....	English 1.....	.....	English 1.....	.....
2.30 to	.....	.....	.....	.....	.....	.....
5.30	.....	Drawing 1....	.....	Drawing 1....	.....	.....
<b>Second Year.</b>						
9	Mech. 3.....	.....	Physics 2.....	.....	Physics 2.....	Drawing 2....
10	Physics 2.....	.....	.....	.....	.....	Surveying 2 ..
11	Math. 2.....	Econ. 1.....	Math. 2.....	Econ. 1.....	Math. 2.....	Econ. 1.....
12	English 2, 2E	.....	English 2,2E	.....	English 2,2E	.....
2.30 to	.....	.....	.....	.....	.....	.....
5.30	Mech. 3.....	Surveying 2 ..	Drawing 2....	.....	Physics 2.....	.....
<b>Third Year.</b>						
9	.....	Physics 3.....	Mech. 2.....	Physics 3.....	Mech. 2.....	.....
10	.....	Math. 34.....	Mech. 4.....	Math. 34.....	Chem. 2.....	.....
11	Mech. 4.....	.....	Mech. 4.....	.....	Mech. 5.....	.....
12	.....	.....	Mech. 4.....	.....	.....	.....
2.30 to	.....	.....	.....	.....	.....	.....
5.30	Chem. 2.....	.....	Physics 3.....	Drawing 3....	.....	.....

## TIME TABLE—PRE-MEDICAL AND PRE-DENTAL, 1937-38.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>First Year.</b>						
9	Chem. 1.....	Biology 1.....	Chem. 1.....	Biology 1.....	Chem. 1.....	Biology 1.....
10	Math. 1.....	.....	Math. 1.....	.....	Math. 1.....	.....
11	Physics 1.....	.....	Physics 1.....	.....	Physics 1.....	.....
12	English 1.....	.....	English 1.....	.....	English 1.....	.....
2.30	Chem. Lab....	Physics Lab ..	Chem. Lab ..	Physics Lab ..	Biol. Lab....	.....
3.30	Chem. Lab....	Physics Lab ..	Chem. Lab....	Physics Lab ..	Biol. Lab....	.....
4.30	Chem. Lab....	.....	Chem. Lab....	.....	Biol. Lab....	.....
<b>Second Year.</b>						
9	.....	.....	.....	.....	.....	.....
10	Chem. 4.....	Elective .....	Chem. 4.....	Elective .....	Chem. 2.....	.....
11	History 20....	.....	History 20 ..	.....	History 20....	.....
12	.....	.....	.....	.....	.....	.....
2.30 to	.....	.....	.....	.....	.....	.....
5.30	Chem. Lab....	Biol. 2, 2A....	Chem. Lab....	Biol. 2, 2A....	Chem. Lab....	.....

