

*Mrs. Currie*

# Dalhousie University

HALIFAX, Nova Scotia



## CALENDAR

1939-1940

LECTURE TIME TABLE—ARTS AND SCIENCE, 1939-1940.

Year	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9	Botany 4 Chem. 1 Chem. 3 Greek 3 Hebrew 3 Phys. Educ. Math. 2 English 14 History 1 French 2 (2)	Biol. 1 Zoology 6 Chem. 6 Econ. 4 Econ. (A) Econ. (B) Drew. 1 English 15 French 1 (1) French 2 (1) German I (A) Physics Physics 3	Botany 4 Chem. 1 Chem. 3 Greek 2 Econ. 4 Econ. (A) Econ. (B) Drew. 1 English 15 French 1 (1) French 2 (2)	Biol. 1 Zoology 6 Chem. 6 Econ. 4 Econ. (A) Econ. (B) Drew. 1 English 15 French 1 (1) French 2 (1) German I (A) Physics 1 Physics 3	Chem. 1 Chem. 7 Greek 2 Phys. Educ. Math. 2 History 1 French 2 (2)	Biol. 1 Zoology 7 Drew. 2 French 1 (1) French 2 (1) German I (A) Physics 1	
10	Chem. 4 Econ. Greek Commerce 7 Econ. 2(A) Econ. 2 Geol. 1 Geol. 2 History 8 History 12 Math. 3 (1) Math. 4 French 3 (2) Physics 2 Physics 3	Latin 1 Greek 5 Commerce 5 Econ. 4(A) Econ. 4 Geol. 1 Geol. 2 History 9 History 9 Math. 34 German 1B Psychol. 5 Physics 7	Commerce 2 Latin 4(B) Geol. 1 Geol. 2 History 12 Math. 1 (1) Math. 4 French 3 (2) Psychol. 2 Physics 2	Latin 1 Greek 1 Econ. Greek Econ. 4 (A) Econ. 4 (B) Geol. 1 Geol. 2 History 8 History 12 Math. 1 (1) Math. 4 French 3 (2) Psychol. 5 Physics 7	Chem. 2, 3 Econ. Greek Math. 2 Econ. 4 (B) Geol. 1 Geol. 2 History 2 History 12 Math. 1 (1) Math. 4 French 2 (2) Psychol. 5 Physics 2	Latin 1 Greek 1 Commerce 5 Survey 2 German 1B Physics 2 French 2 (2)	
11	Latin 2 (1) Commerce 2 Econ. 2 Math. 4 English 13 Math. 1 (2) Math. 2 Physics 1 Physics 6	Elem. Latin Latin 2 (2) Latin 3 Latin 4 Econ. 4 (A) Econ. 4 Math. 1 (2) Math. 2 French 1 (2) Spanish 1A Physics 2	Latin 2 (1) Commerce 1 Econ. 1 English 13 History 2(A) Math. 1 (2) Math. 2 Physics 1 Physics 6 Physics 6	Elem. Latin Latin 2 (2) Latin 3 Latin 4 Econ. 4 (A) Econ. 4 (B) Math. 1 (2) Math. 2 Math. 3 French 1 (2) Spanish 1A Physics 2	Latin 2 (1) Commerce 2 Econ. 1 Math. 3 Math. 3 Physics 1 Spanish 1A Physics 2	Elem. Latin Latin 2 (2) Latin 3 Latin 4 Econ. 1 Math. 1 (1) Math. 2 Physics 1 Spanish 1A	
12	Zoology 4 Latin 4 Greek 4 Social 4 English 1 English 2, 2B German I (A) Pol. Sc. 2		Zoology 4 Latin 4 Greek 4 Social 4 English 1 English 2, 2B German I (A) Physics 4 Pol. Sc. 2	Zoology 4 Latin 4 Greek 4 Social 4 English 1 English 2, 2B German I (A) Physics 4 Pol. Sc. 2	Zoology 4 English 1 English 1, 2B German I (A) Physics 4 Pol. Sc. 2		
2-30	Botany 2 Commerce 4 Social 1 History 6 German 2 Pol. Sc. 4	Botany 2 Zoology 2 Elem. Greek Social 2 History 5	Botany 2 Commerce 4 Social 1 History 5 Pol. Sc. 4 Physics 4	Botany 2 Zoology 2 Elem. Greek Social 2 Draw. 2 History 5	Commerce 4 Social 1 Social 2 German 2 German 3 Physics 4		
3-30	Commerce 1 Fine Arts Spanish 1B Pol. Sc. 1	Econ. 4 French 3 Pol. Sc. 3	Commerce 4 Fine Arts Spanish 1B Pol. Sc. 1	Econ. 4 French 3 Pol. Sc. 3	Commerce 1 French 3 Pol. Sc. 1		
4-30		Bib. Lit. French 4 Spanish 2		Bib. Lit. French 4 Spanish 2			

Dalhousie University

HALIFAX, Nova Scotia



CALENDAR

1939-1940

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 SHIPS on the SOUVAIN, COLONEL GOSHAWME  
COMMANDANT OF THE GARRISON, LIEUT. COLONEL GAUNTLET  
Commanding the 62<sup>nd</sup> REGIMENT, and the Field Officers of His  
Majesty's Forces in this GARRISON &c. &c. &c.

*John George Duke 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, 1939-1940

1939

- Aug. 21 M.—Last day for receiving applications \*for Fall Supplementary Examinations
- Sept. 5 Tu.—Surveying Camp for students in Engineering begins.
- Sept. 5 Tu.—  
6 W.—  
7 Th.—  
8 F.—  
12 Tu.—  
13 W.—  
18 M.—  
23 S.—  
25 M.—  
26 Tu.—  
27 W.—  
27 W.—  
28 Th.—  
29 F.—  
30 S.—
- Supplementary Examinations for students in Law, Medicine, Dentistry.
- Session begins. Registration (and Payment of Fees) in Law, Medicine, Dentistry.
- Classes begin, and last regular Registration Day for such students.
- Noon. Registration for such students ends.
- Matriculation and Supplementary Arts and Science Examinations †begin.  
—9.30— 12.30 a.m., Latin; German.‡  
—2.30— 5.30 p.m., English.
- 9.30— 12.30 a.m., French; Greek.§  
—2.30— 5.30 p.m., Physics.
- 9.30— 12.30 a.m., Geometry.  
—2.30— 5.30 p.m., Chemistry.
- 9.30— 12.30 a.m., Algebra.  
—2.30— 5.30 p.m., Trigonometry; History.‖
- Registration (and Payment of Fees) begins in Faculty of Arts and Science. The only regular registration day for NEW STUDENTS from Halifax and Dartmouth.
- The only regular registration day for other NEW STUDENTS in Faculty of Arts and Science.
- 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.
- 12 Noon. Regular Registration††Period for Students in Arts and Science ends. Halifax Students will not be registered on this day.

\*Fee must accompany application for examination. If a late application is accepted an additional fee of \$1.00 per day (maximum \$5.00) must be paid.

†Extra fee for late registration, \$2.00 per day.

††For time table see Notice Board.

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

- Oct. 2 M.—Results of Matriculation and Supplementary Examinations declared.  
—9 a.m. Classes begin in Arts and Science.
- 3 Tu.—12 Noon. Meeting of Faculty of Arts and Science.
- 7 S.—12 Noon. Registration in Arts and Science ends.
- 11 W.—Last day for change of course in Faculty of Arts and Science.§§
- M.—Thanksgiving Day. No classes.
- Nov. 11 S.—Armistice Day. No classes.
- Dec. 9 S.—Last day of lectures in classes in which Christmas Examinations are held.
- 12 Tu.—Christmas Examinations ††begin, except in Law.
- 15 F.—Law Examinations begin.
- 19 Tu.—9 a.m., Christmas vacation begins.

1940

- Jan. 3 W.—9 a.m. Classes resumed.
- Mar. 12 Tu.—Munro Day. No classes.
- 22 F.—Good Friday. No classes.
- 30 S.—Last day for receiving Applications\* for Examinations for Master's degree and for Music and Pharmacy.
- Apr. 1 M.—Last day for receiving Applications\* for Spring Supplementary Examinations (Law, Medicine, Dentistry).
- 20 S.—Last day of classes.
- 23 Tu.—Spring Examinations ††begin.
- 30 Tu.—Final Professional Examinations in Medicine and Dentistry begin.
- May 8 W.—8 p.m.—Meeting of Faculty of Dentistry.
- 9 Th.—11 a.m.—Meeting of Faculty of Arts and Science
- 10 F.—4 p.m.—Meeting of Faculty of Law.  
—5 p.m.—Meeting of Faculty of Medicine.
- 11 S.—11 a.m.—Meeting of Senate.
- 14 Tu.—2 p.m.—Convocation. Session ends.

§§Charge of \$1.00 for changing course after this date.

††For time table see Notice Board.

\*Fee must accompany application for examination. If a late application is accepted an additional fee of \$2.00 per day (maximum \$5.00) must be paid.

# Dalhousie University

## BOARD OF GOVERNORS.

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J. W. Godfrey, B. A., B. C. L., Assistant Secretary. *Halifax*

## SENATUS ACADEMICUS, 1936-37.

- Carleton Stanley, M. A., LL. D., Litt. D., F. R. S. C., President of the University.  
Murray Macneil, M. A.  
Howard L. Bronson, Ph. D., F. R. S. C.  
Herbert L. Stewart, M. A., Ph. D., F. R. S. C.  
George E. Wilson, M. A., Ph. D.  
C. E. Nickerson, A. M.  
W. F. Copp, B. A., B. Sc., M. E. I. C.  
J. H. L. Johnston, M. B. E., M. Sc., Ph. D.  
A. Stanley Walker, M. A., B. Litt.  
E. Gordon Young, B. A., M. Sc., Ph. D., F. R. S. C.  
E. W. Nichols, M. A., Ph. D.  
François-René Gautheron, Agr. des L., Chevalier de la Légion d'Honneur.  
G. H. Henderson, B. Sc., M. A., Ph. D., F. R. S. C.  
H. F. Bell, M. Sc., Ph. D.  
H. A. MacKay, B. A., Ph. D. Absent on leave.  
W. Russell Maxwell, M. A.  
Ralph F. Smith, M. D., Ch. B., D. P. H.  
R. J. Bean, M. S.  
H. B. Theakston, B. Sc., A. M. E. I. C.  
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C. L. Bennet, M. A.  
H. G. Grant, M. D., C. M., M. R. C. S., L. R. C. P.  
G. Vibert Douglas, M. C., M. Sc., F. G. S., F. O. S. A., A. M. E. I. C.  
A. E. Griffin, M. A., Ph. D. Absent on leave.  
A. L. McLean, M. D., C. M., C. P. H.  
John Willis, B. A.  
Lothar Richter, Dr. jur., Dr. res. pol.  
Wm. W. Woodbury, B. Sc., D. D. S.  
B. A. Fletcher, M. A., B. Sc.  
C. E. Weld, M. A., M. D.  
H. B. Atlee, M. D., C. M., F. R. C. S.  
W. Alan Curry, B. A., M. D., C. M., F. R. C. S.  
G. F. Curtis, LL. B., B. A., B. C. L.  
Stewart Bates, M. A.  
A. R. M. Lower, M. A., Ph. D. (Interim).  
Professor C. E. Nickerson, Secretary.

1. Chesley Allen 150 South St. Miss Bea Lambert  
2. L. L. Balcom, 53 Chestnut by Bldg  
3. Graham M.D. 51 Colberg Rd.  
4. Col. H. C. Laurie Cabhill, N. S.  
5. F. MacKenzie 40 Vernon St.  
6. R. J. Moore 7 Connaught Ave.

## Committee on Admission.

The Registrar and the Deans of the various Faculties.

## OFFICERS OF ADMINISTRATION.

President of the University—Carleton Stanley.

Dean of the Faculty of Arts and Science—C. B. Nickerson.

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.

Registrars—J. H. L. Johnstone and C. L. Bennet.

Business Manager—W. L. Harper.

Bursar—H. Joyce Harris.

Engineer in charge of Buildings and Grounds—H. R. Theakston.

Warden, Shireff Hall—Anna M. MacKeen.

Superintendent, Public Health Clinic—A. Edith Fenton.

## PROFESSORES EMERITI.

† Arthur Stanley Mackenzie, B. A. (Dal.), Ph. D. (J. H. U.), D. C. L., LL. D., F. R. S. C., Professor of Physics (1905-1910), President of the University (1911-1931).

John Cameron, M.D. (Edin.), D. Sc. (St. And.), F. R. S. S. E. &amp; C., M.R.C.S., Dr. D. G. J. Campbell Memorial Professor of Anatomy (1914-1930).

M. A. Curry, B. A. (Vind.), M. D. (Univ. of N. Y.), Professor of Clinical Gynaecology. Retired, 1921.

Louis M. Silver, B. A. (Vind.), M. B., C. M. (Edin.), F. R. C. P. (C.), Professor of Medicine and Clinical Medicine. Retired, 1927.

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.

E. Kirk Maclellan, M. D., C. M. (Dal.), F. R. C. S. (C.), F.C.O.G., Professor of Obstetrics and Demonstrator in Practical Obstetrics. Retired, 1939.

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, 1938-39.

Carleton Stanley, B. A. (Tor. et Oxon.), M. A. (Oxon.), LL. D. (Tor. et Me.), Litt. D. (Goto.), F. R. S. C., President of the University, 24 Oxford St.

Murray Macneill, B. A. (Dal.), M. A. (Harv.), Church of Scotland Professor of Mathematics and Head of Department, 162 Young Ave.

† Died during year.

Howard Logan Bronson, B. A., Ph. D. (Yale), F. R. S. C., George Munro Professor of Physics and Head of Department, 19 Studley Ave.

Herbert Leslie Stewart, M. A. (Belf. et Oxon.), Ph. D. (Belf.), F. R. S. C., George Munro Professor of Philosophy and Head of Department, 75 Larch St.

Walter Percy Copp, B. A. (Acad.), B. Sc. (McGill), M. E. I. C., Professor of Civil Engineering and Head of Department, 384 South St.

John Hamilton Lane Johnstone, M.B.E., M.Sc. (Dal.), Ph. D. (Yale), O.E. Smith Professor of Physics, 235 South St.

Carleton Bell Nickerson, A. M. (Clark), McLeod Professor of Chemistry and Head of Department, 365 Morris St.

A. Stanley Walker, M. A. (Leeds et Birm.), B. Litt. (Oxon.), Professor of History (King's), The President's Lodge, King's College.

François-René Gautheron, Agrégé des Lettres (Paris), Chevalier de la Légion d'Honneur, McLeod Professor of French and Head of Department of Modern Languages.

George Hugh Henderson, B.Sc. M.A. (Dal.), Ph. D. (Cantab.), F.R.S.C., Professor of Mathematical Physics (King's), 74 Morris St.

George Earle Wilson, M. A. (Queen's), Ph. D. (Harv.), George Munro Professor of History and Head of Department, 75 Morris St.

Edward Wilber Nichols, M. A. (Dal.), Ph. D. (Yale), McLeod Professor of Classics and Head of Department, 245 Tower Rd.

\*Robert Alexander MacKay, B.A. (Tor.), Ph. D. (Prince), Eric Dennis Memorial Professor of Government and Political Science. "Fairfield," Jubilee Rd.

Hugh Philip Bell, M. Sc. (Dal.), Ph. D. (Tor.), Professor of Botany and Head of Department of Biology, 53 Oakland Rd.

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.

Charles Lindsay Bennet, M. A. (Cantab. et Harv.), George Munro Professor of English Literature and Head of Department, 282 South St.

George Vibert Douglas, M.C., M.Sc. (McGill), F. G. S., F.G.S.A., A.M.E.I.C., Carnegie Professor of Geology, 23 Connaught Ave.

\*Arthur Kent Griffin, M. A. (Tor. et Oxon.), Ph. D. (Tor.), Professor of Classics (King's), 4 Studley Ave.

Ead Alais Fletcher, M. A. (Bristol), B. Sc. (Lond.), O. E. Smith Professor of Education, 659 Quinpool Rd.

Lothar Richter, Dr. jur., Dr. rec. pol. (Breslau), Professor of German, 15 Waegwoltie Ave.

Stewart Bates, M. A. (Glas.), William A. Block Professor of Commerce, 4 Hawthorne St.

Arthur Reginald Marsden Lower, M.A. (Tor.), A.M., Ph.D. (Harv.), Lecturer Professor of Government and Political Science, Marlborough Woods.

\* Granted leave of absence for 1938-39.

- Charles Henry Mercer, M. A., B. Com. (Manch.), Associate Professor of Modern Languages, 16 Cambridge St.
- A. H. Lelm, B. A., Ph. D. (Tor.), Associate Professor of Zoology (Fisheries), Fisheries Experimental Station.
- Harold Skinner King, A. B., Ph. D. (Harr.), Associate Professor of Chemistry, Arundale.
- 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. (Harr.), Associate Professor of Economics (King's), 21 Morrey Apts., Morris St.
- Carl Cowan Coffin, B. A. (Dal.), M. Sc., Ph. D. (McGill), F.R.S.C., Associate Professor of Chemistry, 262 Jubilee Rd.
- Frederick Ronald Hayes, M.Sc. (Dal.), Ph. D. (Liverpool), F.L.S., F.R.M.S., Associate Professor of Zoology, 123 Oakland Rd.
- John Burns Martin, M. A. (Tor.), Ph. D. (Harr.), Associate Professor of English (King's), 84 Oakland Rd.
- Samuel Henry Prince, M. A. (Tor.), Ph. D. (Cal.), Associate Professor of Economics and Sociology (King's), King's College.
- John Geoffrey Adshhead, M. A. (Cantab.), Associate Professor of Mathematics (King's), 78 Morris St.
- Charles Walmsley, M. A. (Cantab.), Associate Professor of Mathematics, 8 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.), Associate Professor of Psychology (King's), King's College.
- Ernest Hess, M.A. (Queen's), Ph.D. (McGill), Associate Professor of Bacteriology (Fisheries), Fisheries Experimental Station.
- Arthur Russell Jewitt, B. A. (Dal. et Oxon.), M. A. (Oxon.), Ph. D. (Cornell), Associate Professor of English (King's), 244 South St.
- Robert E. D. Cattle, M. A. (Cantab.), Associate Professor of Classics, 188 South St.
- Dixie Pelluet, M. A. (Tor.), M. A., Ph. D. (Bryn Mawr), Assistant Professor of Biology, 123 Oakland Rd.
- D. LeB. Cooper, M.Sc. (Dal.), Ph.D. (McGill), Assistant Professor of Chemistry (Fisheries), Fisheries Experimental Station.
- Sven Aage Korning, Associate Professor of Physical Education.
- Geoffrey Sherman du Vernet, B.A. (King's), M.A. (St.F.X. et Tor.), Lecturer in French and Spanish (King's), King's College.
- William George Dore, B.A. (Queen's), M.Sc. (McGill), Lecturer in History.
- Cedric Arnold Yeo, B.A. (Dal.), Ph.D. (Yale), Interim Lecturer in Classics, King's College.
- Ebenezer Walter Todd, B. A. (Dal.), Instructor in Chemistry, 48 Preston St.

- Harold James Egan, B.A., B. Com. (Dal.), C. A., Assistant in Commerce, 6 Fraser St.
- Reginald Dickey Evans, B. Com., M.A. (Dal.), Assistant in Commerce, 58 Oxford St.
- William F. Loughheed, B.A. (MaeMaster) Research Assistant (lect) in Institute of Public Affairs.
- Lloyd George Elliott, B.Sc. (Dal.), James Gordon MacGregor, Memorial Fellow in Physics.
- Francis Melvin French, B.A. (Dal.), Student Assistant in Latin.
- Reginald Cooper, B.A. (Cantab.), Student Assistant in French.
- Elias Andrews, B.A. (Dal.), Student Assistant in English.
- William Grant MacDonald, B.A. (Dal.), Student Assistant in English.
- Wilfred Burchell, B.A. (Dal.), Student Assistant in Political Science.
- Margaret Gene MacGregor-Morison, B.A. (Dal.), Student Assistant in Political Science.
- Leslie Blake MacHattie, M. Sc. (Dal.) } Demonstrators in  
Physics.
- Edward Augustine Lewis, }  
John Rupert Longard, M.Sc. (Dal.), }  
William Mackay Creelman, Student Assistant in Physics.
- George Stanley McKnight, B.Sc. (Dal.), } Demonstrators in  
James Phillip Walsh, B.Sc. (Dal.), } Chemistry
- Henry Roy Fraser, M.Sc. (Dal.), } Student Assistants  
William Richard MacQuarrie, M.Sc. (Dal.), } in Geology
- Hugh Neil MacDonald, B.Sc. (Dal.), }  
Florence Armstrong, } Student Assistants  
Jean Walker McLeod, M.A. (Dal.), } in Biology.
- Andrew Hollett, B.Sc. (Dal.) }
- Dean of the Faculty, Professor Nickerson.  
Secretary of the Faculty, Professor Nichols.
- Committee on Studies and Attendance } Professors Johnstone, Wilson and Bennet.
- Committee on Library } Professor Bennet, Chairman.  
Professors Henderson, Wilson and Nichols.
- Special Lecturers.
- Jotham Wilbert Logan, M. A. (Dal.), Lecturer in Classics, 79 Morris St.
- Harry Dean, A.R.C.O., R.C.M. (Leipzig) Lecturer in Music and Examiner in Theory of Music, 31 Larch St.
- William Gladstone Watson, B. A. (Tor.), D. D. (Victoria), Lecturer in Biblical Literature, 46 Franklyn 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, 225 Quinpool Rd.
- Donald Cameron Mackay, A.N.S.C.A., Lecturer in Fine Arts, 18 South Park St.
- Johanna Richter, Special Lecturer in German, 15 Waegwoltze Avenue.
- Harvey R. Crowell, C.A., Special Lecturer (lect) in Accounting, 4 Gannaburg Ave.
- Carl McKinley, Examiner in Music, New England Conservatory of Music, Boston, Mass.



## FACULTY OF LAW, 1938-39.

- 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.*
- Vincent Christopher MacDonald, B.A., LL.B. (Dal.), K.C., *Walden Memorial Professor of Law, 93 Oxford St.*
- John Willis, B.A. (Oxon.), *George Munro Professor of Law, Cowan Apartments.*
- George Frederick Curtis, LL.B. (Sask.), B.A., B.C.L. (Oxon.), *Russell Professor of Law, 43 Lareb St.*
- Gordon Stewart Cowan, LL.B. (Dal.) B.C.L., M.A. (Oxon.), *Assistant Professor of Law, 63 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.), K.C., *Lecturer in History 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 Bankruptcy.*
- F. D. Smith, K.C., *Lecturer in Shipping.*
- Hon. John Doull, B.A., LL.B. (Dal.), *Justice of the Supreme Court of Nova Scotia, Lecturer in Evidence.*
- Hon. M. H. Archibald, LL.B. (Dal.), *Justice of the Supreme Court of Nova Scotia, Lecturer in Procedure.*
- Dean of the Faculty, Professor V. C. MacDonald.*  
*Secretary of the Faculty, Professor John Willis.*
- Special Lecturers, 1937-38.**
- Str Joseph Chisholm, B.A. (St.F.X.), LL.B. (Dal.), LL.D. (St. F.X. et Dal.), *Chief Justice of the Supreme Court of Nova Scotia, Legal Ethics.*
- Hon. R. H. Graham, B.A., LL.B. (Dal.), *Justice of the Supreme Court of Nova Scotia, Divorce Court Practice.*
- R. H. Murray, LL.B. (Dal.) K.C., *Judge of the County Court, Speedy Trials.*
- F. M. Covert, B.A., LL.B. (Dal.), *Winding Up Practice.*
- J. J. Power, M.A., K.C., *Prerogative Writs.*
- J. W. Godfrey, B.A. (Dal.), B.C.L. (Oxon.), *Foreclosure.*
- R. J. Flinn, LL.B. (Dal.), *Summary Convictions.*

## FACULTY OF MEDICINE, 1938-39.

- 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.*
- H. K. MacDonald, M.D., C.M. (McGill), F.R.C.S. (C.), *Professor of Surgery and Clinical Surgery, 37 South Park St.*
- Erlid Gordon Young, B.A., M.Sc. (McGill), Ph.D. (Cantab.), F.R.S.C., *Professor of Biochemistry, 199 Oxford St.*
- Ralph Paterson Smith, M.D., Ch.B. (Glas.), D.P.H. (Glas. et Edin.), *Professor of Pathology and Bacteriology, 78 Chestnut St.*
- Kenneth A. MacKenzie, M.D., C.M. (Dal.), F.R.C.P. (C.), *Professor of Medicine and Clinical Medicine, 59 Spring Garden Rd.*
- J. G. MacDougall, M.D., C.M. (McGill), F.R.C.S. (C.), F.A.C.S., *Professor of Surgery and Clinical Surgery, 95 Spring Garden Rd.*
- \*E. Kirk MacLellan, M.D., C.M. (Dal.), F.R.C.S. (C.), F.C.O.G., *Professor of Obstetrics and Demonstrator in Practical Obstetrics, 158 South St.*
- George H. Murphy, M.D., C.M. (Dal.), F.R.C.S. (C.), F.A.C.S., *Professor of Surgery and Clinical Surgery, 28 Carleton St.*
- H. E. Atlee, M.D., C.M. (Dal.), F.R.C.S. (Edin. et Cam.), *Professor of Obstetrics and Gynecology and Demonstrator in Practical Obstetrics, 119 South Park St.*
- Raymond Jackson Bean, M.S. (N. H.), *Professor of Histology and Embryology, 28 Chestnut St.*
- Donald Mainland, M.B., Ch.B., D.Sc., F.R.S. (Edin.), Dr. D. G. J. Campbell Memorial Professor of Anatomy, 43 Robie St.
- 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. F. 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 Associate Professor of Clinical Medicine, 115 Oxford St.*
- Frank G. Mack, B.A. (Dal.), M.B. (Tor.), F.R.C.S. (C.), F.A.C.S., *Professor of Urology, 149 Spring Garden Rd.*
- C. Beecher Wild, M.A. (B.C.), M.D. (Tor.), *Professor of Physiology, 79 Cambridge St.*
- A. E. Doull, M.D., C.M. (McGill), F.A.C.S., F.R.C.S. (C.), *Professor of Diseases of the Ear, Nose and Throat, 54 Morris St.*
- James R. Couston, B.A., M.D., C.M. (Dal.), F.R.C.P. (C.), *Associate Professor of Medicine and Clinical Medicine, 46 Coburg Rd.*
- W. Alan Curry, B.A. (Dal.), M.D., C.M. (McGill), F.R.C.S. (Eng.), *Associate Professor of Surgery and Clinical Surgery, 151 South Park St.*
- Hugh W. Schwartz, M.D., C.M. (Dal.), F.A.C.S., *Associate Professor of Diseases of the Ear, Nose and Throat, 183 South Park St.*

\*Resigned during year.

- Gordan B. Wiswell, B. A., M. D., C. M. (Dal.), Assistant Professor of Paediatrics, 186 Robie St.
- Murchie Kilburn McPhail, B.A. (Brit. Col.), Ph.D. (McGill), Associate Professor of Pharmacology, 314 Harrington St.
- Claude Whittaker-Taylor, M. B., Ch.B. (Birm.), Interim Assistant Professor of Pathology.
- Richard Lorraine de Chastenesy Helbourne Saunders, M.B., Ch. B. (Edin.), Assistant Professor of Anatomy, Coburg Apts., Robie St.
- Robert Donald Haskin Hoard, M.A. (Tor.), Ph.D. (Manch.), Assistant Professor of Biochemistry, Melville Cove Rd., Armadale.
- Rhoda Grant, M.A., Ph.D. (McGill), Interim Assistant in Physiology, 2 Larch St.
- T. M. Sieniewicz, M.D., C.M. (Dal.), Assistant Professor of Medicine and Clinical Medicine, 37 Inglis St.
- Clyde W. Holland, B.A., M.D., C.M. (Dal.), Assistant Professor of Medicine and Clinical Medicine, and Demonstrator in Anatomy, Pathology and Bacteriology, 119 Spring Garden Rd.
- C. E. Kinley, M.D., C.M. (Dal.), F.A.C.S., Assistant Professor of Surgery and Clinical Surgery, 123 Spring Garden Rd.
- G. E. Burns, M.D., C.M. (Dal.), F.A.C.P., Assistant Professor of Medicine and Clinical Medicine, 4 Fraser St.
- V.O. Mader, M.D., C.M. (McGill), F.R.C.S. (C), Assistant Professor of Surgery and Clinical Surgery, 149 South Park St.
- N. H. Gosse, M.D., C.M. (Dal.), F.A.C.S., Assistant Professor of Surgery and Clinical Surgery, and Demonstrator in Pathology, 82 Spring Garden Road.
- W. G. Colwell, M.D., C.M. (Dal.), Assistant Professor of Obstetrics and Demonstrator in Practical Obstetrics, 54 Seymour St.
- W. L. Muir, M.D., C.M. (McGill), Assistant Professor of Surgery in charge of Anæsthesia, 246 Jubilee Rd.
- R.W.M. MacKay, M.D., C.M. (Dal.), Assistant Professor of Psychiatry, Nova Scotia Hospital.
- J. W. Reid, M.D., C.M. (Dal.), M.R.C.P. (Lond.), Assistant Professor of Medicine and Clinical Medicine, 11 Coburg Rd.
- Hugh Dawson, B.Sc., (Lond.), Assistant Professor (elect) of Physiology.
- Elizabeth Smith Bean, B.A. (Cinn.), M.A., Ph.D. (Wis.), Instructor in Histology and Embryology, 28 Chestnut St.
- G. A. Burbidge, Dean of Maritime College of Pharmacy, Lecturer in Materie Medice, 46 Oakland Rd.
- S. R. Johnston, M.D., C.M. (Dal.), Lecturer in charge Department of Radiology, 40 South Park St.
- Frank V. Woodbury, M.D., C.M. (Dal.), L.R.C.S., L.R.C.P. (Edin.), L.F.P.S. (Glas.), Lecturer in Medical Jurisprudence, 105 South Park St.
- W. D. Forrest, B.Sc., M.D., C.M. (Dal.), Lecturer in Preventive Medicine, 257 Harrington St.
- A. F. Miller, M.D., C.M. (Dal.), F.R.C.P. (C), Lecturer in Medicine, Nova Scotia Sanatorium, Kentville, N.S.
- Kenneth M. Grant, B.Sc., M.D., C.M. (Dal.), Lecturer in Obstetrics and Demonstrator in Practical Obstetrics, Anatomy, and in Physiology, 187 South Park St.
- A. H. Merton, M.D., C.M. (Dal.), Lecturer in Psychiatry, and Instructor in Clinical Medicine, 2 Brenton Place.
- J. W. MacIntosh, M.D., C.M. (Dal.), Lecturer in Psychiatry and Instructor in Clinical Medicine, 30 Coburg Rd.
- N. Barrie Coward, M.D., C.M. (Dal.), Lecturer in Medicine, Instructor in Paediatrics and Demonstrator in Physiology, 25 Coburg Rd.
- J. Arnold Noble, B.A. (Acad.), M.B., Ch.B., F.R.C.S. (Edin.), Lecturer in Surgery and Instructor in Clinical Surgery, 37 Willow St.
- Edwin F. Ross, B.Sc., M.D., C.M. (Dal.), F.A.C.S., Lecturer in Surgery and Instructor in Clinical Surgery, 130 Oxford St.
- C. M. Bethune, B.Sc., M.D., C.M. (Dal.), Lecturer in Surgery and Instructor in Clinical Surgery, 1 Armview Apts.
- H. D. O'Brien, B.A., M.D., C.M. (Dal.), F.A.C.S., Instructor in Clinical Surgery, 7 Coburg Rd.
- A. L. Murphy, B.A., M.D., C.M. (Dal.), F.A.C.S., Instructor in Clinical Surgery, Cor. Inglis and Robie Sts.
- Gordon A. Winfield, B.Sc., M.D., C.M. (Dal.), Instructor in Clinical Urology, 181 South Park St.
- A. E. Murray, B.A., M.D., C.M. (Dal.), Instructor in Paediatrics, 7 Quimpool Rd.
- Philip Weatherbe, M.B., Ch.B. (Edin.), F.A.C.S., Demonstrator in Clinical Surgery, 57 Coburg Rd.
- P. A. Macdonald, M.D., C.M. (McGill), Demonstrator and Chief of Clinic in Practical Obstetrics, 441 Spring Garden Rd.
- J.G.D. Campbell, M.D., C.M. (Dal.), Demonstrator in Paediatrics, 467 Brunswick St.
- T. B. Acher, M.D., C.M. (Dal.), Demonstrator in Clinical Surgery, 168-Henry St. *201 Harrington St.*
- H. W. Kirkpatrick, M.D., C.M. (Dal.), Demonstrator in Diseases of the Eye, 50-Vernon St. *Carleton Place Rd.*
- J. W. Merritt, M.D., C.M. (Dal.), F.R.C.S. (C), Demonstrator in Clinical Medicine, 176 Oxford St.
- John Rankine, B.A., M.D., C.M. (Dal.), Demonstrator in Clinical Medicine, 18 Kaye St.
- A. E. Dnull, Jr., M.D., C.M. (Dal.), Demonstrator in Diseases of the Ear, Nose and Throat, 24 Chestnut St.
- J. C. Acher, M.D., C.M. (McGill), Demonstrator in Clinical Surgery, 5 Tupper Grove. *3000 Ave.*
- J. V. Graham, M.D., C.M. (Dal.), F.A.C.S., Demonstrator in Anatomy, 51 Coburg Rd.
- C. M. Jones, M.D., C.M. (Dal.), F.A.C.S., Demonstrator in Anatomy, Inglis St. Extension.
- H. H. Stoddard, M.D., C.M. (Dal.), F.A.C.S., Demonstrator in Diseases of the Eye, Ear, Nose and Throat, 319 Harrington St.
- A. M. Marshall, M.D., C.M. (Dal.), Demonstrator in Clinical Surgery, 117 Vernon St.

- Basil K. Coady, B.A., M.D., C.M., (Dal.),** Demonstrator in Anatomy, Arundale.
- G. L. Covert, B.Sc., M.D., C.M. (Dal.),** Demonstrator in Clinical Surgery, 222-224 St. George's Gardens Road.
- H. D. Ebb, B.Sc., M.D. C.M. (Dal.),** Demonstrator in Clinical Surgery, 141 Oxford St.
- Marjorie E. Treffy, Assistant in Preventive Medicine, 156 Spring Garden Rd.**
- Jean Alexandra Peabody, B.A. (U.N.W.),** Statistical Assistant in Epidemiology, 28 Fenwick St.
- Robert William Begg, B.Sc. (Dal.),** Student Assistant in Pharmacology.
- Arthur F. McKay, Student Assistant in Biochemistry.**

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. MacKenzie  
Dr. K. A. MacKenzie  
Dr. H. B. Atlee

## FACULTY OF DENTISTRY, 1935-39.

- Carlton 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. E.), D. M. D. (T. D. C.),** Professor of Dental Anatomy and Comparative Dental Anatomy and Prosthetic Dentistry, 36 South St.
- F. V. Woodbury, M. D., C. M. (Dal.), L. R. C. S., L. R. C. P. (Edin.), L. F. S. (Glas.),** Professor of Oral Surgery, Anaesthetics and Physical Diagnosis, 145 South Park St.
- Wm. W. Woodbury, B.Sc. (Dal.), D.D.S. (P.D.C.),** Professor of Orthodontics, 79 Spring Garden Rd.
- W. H. H. Beckwith, D. D. S. (U. of F.),** Professor of Operative Dentistry, 386 Barrington St.
- W. C. Oxner, D. D. S. (B. C. D. S.),** Professor of Crown and Bridge Work and Ceramics, Hicks Building.
- J. Stanley Hagnall, D. D. S. (Dal.), F. A. A. R. D.,** Professor of Dentistry, 78 Larch St.
- G. R. Henniger, 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, 49 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. E. H. Chimo, D. D. S. (Dal.),** Lecturer in Prosthetic Dentistry, 241 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 Metallurgy, 42 McDonald St.
- W. G. Dawson, D. D. S. (Dal.),** Demonstrator in Dental Metallurgy, Hicks 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 Dentistry, 301 Barrington St.
- Wm. V. Hogan, D. D. S. (Dal.),** Demonstrator in the Adult Clinic, 249 Quinspool Rd.
- I. K. Lubotsky, D.D.S. (Dal.),** Demonstrator in the Adult Clinic, 49 Gottingen St.
- F. R. Duxbury, D.D.S. (Dal.),** Demonstrator in the Adult Clinic, Farquhar Bldg.

- E. W. Barnstead, D. D. S. (Dal.),** *Demonstrator in the Adair Clinic, 7 Quinpool Rd.*  
**W. C. Dowell, D.D.S. (McGill),** *Demonstrator in the Adair Clinic, General Trust 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		<b>President Stanley, Chairmen.</b>
		<b>Dean Woodbury.</b>
		<b>Dr. Bagnall, Secretary.</b>
		<b>Dr. Ritchie.</b>

## Dalhousie University

### INTRODUCTION.

#### 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 age! 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 organized 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. *ἡ τῶν μαθημάτων ἀλλοτρίη ἀρμοσία.*

#### BENEFACTIONS.

<b>Presbyterian Church of the Lower Provinces</b>	<b>1882.</b>	<b>Per annum about £850</b>
<i>Support of two Professors. Withdrawn on death of first two incumbents.</i>		
<b>Church of Scotland.</b>	<b>1883.</b>	<b>Part of £550</b>
<i>Endowment Chair of Mathematics.</i>		
<b>Alexander McLeod.</b>	<b>1882.</b>	<b>\$ 65,000</b>
<i>Endowment of Chairs in Classics, Modern Languages, and Chemistry.</i>		
<b>Mrs. Harriet Mackenzie Morrison, Stornoway, Scotland.</b>	<b>1887.</b>	<b>£1,000</b>
<i>Foundation Mackenzie Bursary Fund</i>		
<b>Sir William Young, Chairman of the Board for over forty years prior to 1887. 1887.</b>	<b>In total over</b>	<b>\$ 68,000</b>
<i>Towards erection of new building on Carleton Street.....</i>		
<i>Scholarships in Arts.....</i>		
		<b>\$20,000</b>
		<b>4,000</b>

<b>George Munro.</b>	<b>1879-1889.</b>	<b>About \$350,000</b>
<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>	<b>10,000</b>
<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>	<b>1,800</b>
<i>Endowment and support of "Thomas McCulloch Museum."</i>		
<b>Professor Charles Macdonald.</b>	<b>1902.</b>	<b>2,000</b>
<i>Library Endowment.</i>		
<b>Campaign.</b>	<b>1902.</b>	<b>About 60,000</b>
<i>School of Mines.</i>		
<b>James H. Dunn, London, England.</b>	<b>1910.</b>	<b>1,000</b>
<i>For Microscopes for Biology Department.</i>		
<b>Campaign Fund.</b>	<b>1912.</b>	<b>About 400,000</b>
<i>Purchase of Sibley. Erection of New Buildings. Increase of Endowment.</i>		
<b>Andrew Carnegie.</b>	<b>1912.</b>	<b>40,000</b>
<i>Towards the erection of the Science Building.</i>		
<b>New Glasgow Literary and Historical Society.</b>	<b>1912.</b>	<b>1,000</b>
<i>Jethon Blanchard Fund for endowment of annual Scholarship.</i>		
<b>Campaign.</b>	<b>1909-1913.</b>	<b>17,500</b>
<i>For Increase of Salaries.</i>		
<b>Dr. D. A. and Mrs. Campbell.</b>	<b>1914.</b>	<b>About 60,000</b>
<i>Endowment of Dr. D. G. J. Campbell Memorial Chair of Anatomy.</i>		
<b>Alumni Association.</b>	<b>1902-1914.</b>	<b>25,000</b>
<i>For the erection of the Macdonald Memorial Library.</i>		
<b>Joseph Matheson, Lower L'Ardoise, C.B.</b>	<b>1915.</b>	<b>15,000</b>
<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>	<b>5,000</b>
<i>"For the good of the University."</i>		
<b>Professor John Johnson.</b>	<b>1915.</b>	<b>Books and 1,000</b>
<i>"For the use of the Arts Library."</i>		
<b>John Macnab.</b>	<b>1916.</b>	<b>About 96,000</b>
<i>"Extending and maintaining the Library."</i>		
<b>Alumni Association.</b>	<b>1912-1916.</b>	<b>6,100</b>
<i>For Biology Chair.</i>		
<b>Mr. George S. and Mrs. Campbell.</b>	<b>1917.</b>	<b>25,000</b>
<i>Creation of "George H. Campbell Scholarship Fund."</i>		
<b>Dr. A. Ross Hill, President University of Missouri.</b>	<b>1917.</b>	<b>1,000</b>
<i>Endowment "Agnes Baxter Library" Fund for Mathematics and Mathematical Physics.</i>		

Carnegie Corporation of New York.	1918.	About	\$ 21,000
<i>For damages done by Explosion.</i>			
Senator Wm. Dennis.	1919.	2,080	
<i>For Eric Dennis Special Lecturers.</i>			
Senator Wm. and Mrs. Dennis.	1918-1929.	100,000	
<i>Endowment "Eric Dennis Chair of Government and Political Science."</i>			
	1929.	1,800	
<i>"For the purchase of books relating to the subject of Government and Political Science."</i>			
Campaign—Centennial (not including Subscriptions for specific purposes).	1939.	459,000	
<i>For general purposes.</i>			
Mrs. E. B. Eddy.	1929.	300,000	
<i>For the erection of a Residence for Women.</i>			
Rockefeller Foundation.	1929.	500,000	
Carnegie Corporation of New York.	1929.	500,000	
<i>Development of the Medical School.</i>			
Hon. William A. Black.	1921.	60,000	
<i>Endowment "William A. Black Chair of Commerce."</i>			
Mrs. Elise Stewart Strathde.	1921.	1,500	
<i>Foundation "Strathde Memorial Fund," for Philosophy Department of the Library.</i>			
Khaki University of Canada.	1921.	6,500	
<i>Endowment "Khaki University and Young Men's Christian Association Memorial Scholarship Fund."</i>			
New Glasgow Relatives of Professor James Gordon MacGregor.	1929.	£4,000	
<i>Endowment "James Gordon MacGregor Memorial" for Teaching Fellowship in Physics and Equipment Physics Laboratory.</i>			
Dr. A. M. Habb, Dartmouth, N. S.	1929.	\$ 1,000	
<i>Foundation "Dr. Clara Olding Prize" in Medicine.</i>			
Alumni Association.	1921-1922.	9,912	
<i>Towards erection of Gymnasium.</i>			
Estate of Robert Bruce, Quebec.	1922.	57,500	
<i>One-seventh of income from Bursaries and Scholarships.</i>			
Alumnae Association.	1923, 1934.	Over	6,620
<i>Furnishings Shirreff Hall.</i>			
<i>Stained glass window in memory of Mrs. Eddy.</i>			
Mrs. Edith J. Richardson.	1923.	1,000	
<i>For Shirreff Hall.</i>			
Rt. Hon. R. B. Bennett.	1925.	20,000	
<i>Residence for the President of the University.</i>			
Halifax Branch of the Overseas League.	1925.	1,000	
<i>Essay Prize.</i>			
Miss Belle C. Crowe, Madison, Wisconsin.	1925.	10,000	
<i>(On the death of her sister). Reversion of Foundation "Belle Crowe Fellowship Fund," for a Fellowship in Inorganic Chemistry.</i>			

Rev. Joseph and Mrs. Hale, Dartmouth, N.S.	1915.	\$ 1,000	
<i>Foundation "Katherine M. Bultenshaw Scholarship Fund for the encouragement of the study of Advanced Mathematics."</i>			
Carnegie Corporation of New York.	1925.	Valued at	10,000
<i>Fine Arts Teaching Collection.</i>			
Dr. John Ferguson Black, Stone, England.	1926.	1,000	
<i>For Surgical Teaching.</i>			
Estate of J. T. Shirreff.	1926.	250,000	
<i>(On the death of his widow). For "Eddy-Shirreff Foundation" especially for the extension to Shirreff Hall.</i>			
Colonel R. W. Leonard, St. Catharines, Ont.	1926.	35,000	
<i>Endowment "Leonard Science Library of Periodical Literature."</i>			
George S. Campbell.	1927.	Reversion of large portion of Estate.	
<i>Foundation for a "George S. Campbell Chair or Chairs."</i>			
Estate of Senator Dennis.	1927.	\$ 2,000	
<i>Eric Dennis Government and Political Science Library Fund.</i>			
Children of Rev. George Patterson, D.D.	1928.	4,000	
<i>Foundation of "Rev. George Patterson, D. D. Travelling Library."</i>			
Estate of Mr. Justice T. Sherman Rogers.	1928.	1,000	
<i>"For the improvement of the Library in Law."</i>			
Rt. Hon. R. B. Bennett.	1928.	25,000	
<i>Towards Endowment of the Weldon Memorial Chair of Law.</i>			
Estate of Mrs. E. B. Eddy.	1929.	On account of Residue	70,000
<i>For "Eddy-Shirreff Foundation."</i>			
Carnegie Corporation of New York.	1929.	400,000	
<i>For Endowment.</i>			
W. J. G. Thomson.	1929.	2,000	
<i>For general purposes.</i>			
British Empire Steel Corporation.	1929-1929.	30,000	
<i>For the encouragement of Scientific Research.</i>			
Rockefeller Foundation	1929-1929.	9,197.50	
<i>For the teaching of Hygiene.</i>			
Carnegie Corporation of New York.	1929.	600,000	
<i>For the joint benefit of King's College and Dalhousie University.</i>			
Carnegie Corporation of New York	1924-1929.	190,000	
<i>For current deficits</i>			
Carnegie Corporation of New York.	1929-1930.	2,000	
<i>For Dental Library.</i>			
Estate of Mrs. E. B. Eddy.	1930.	350,000	
<i>Establishment "Eddy-Shirreff Foundation," for "Improvement and maintenance of Shirreff Hall," "to complete Shirreff Hall," "to award scholarships, or other method of assisting worthy young women."</i>			

Mrs. J. Ross Smith.	1930.	\$ 3,000
Foundation "Leas Stewart Smith Scholarships" in Medicine and Science.		
Miss Mary Burris, Boston, Mass.	1936.	Reversion of her Estate.
Foundation of a Foreign Travelling Scholarship.		
Sir James H. Dunn.	1931.	\$ 5,000
Towards Endowment of the Weldon Memorial Chair of Law.		
C. H. Mitchell.	1923-1931.	1,045
For Departments of Biology and Chemistry, and Students' Loan Fund.		
Dr. Leonard M. Murray, Toronto.	1931.	One-third of residue
(After death of beneficiaries), For "Department of Medicine in Dalhousie University."		
Rev. Byron Ulric Hatfield, Westerly, Rhode Island.	1931.	Residuary legatee of Estate.
For Scholarships.		
Dr. W. H. Hattie.	1931.	Residuary legatee.
(On the death of Mrs. Hattie).		
James D. McKenna, Sussex, N. B.	1926-1932.	\$ 5,000
Foundation "The Elizabeth McKenna Scholarships."		
Dr. Dougald Macgillivray.	1932.	Bronze Bust of 9th Earl of Dalhousie, the work of Massey Rhind, A.R.S.A.
Hon. J. C. Tory.	1927-1932.	\$ 1,500
For University Library, and Students' Loan Fund.		
Halifax Visiting Dispensary.	1929 and 1932.	1,000
"For the Public Health Centre."		
Carnegie Corporation of New York.	1933.	125,000
Endowment for Geology.		
Junior League of Halifax.	1923.	1,000
For the Immunisation Clinic at the Public Health Clinic.		
Estate of A. M. Banks.	1926-1931.	4,350
For general purposes.		
Massachusetts-Halifax Health Commission.	1931.	13,529
Foundation of "The Commonwealth of Massachusetts Endowment Fund."		
Miss Grace D. Burris, Vancouver, B. C.	1932.	Reversion of Estate.
For Travelling Scholarships.		
Rt. Hon. R. B. Bennett.	1921-1926.	\$ 4,500
Books for the Law Library and for Shirreff Hall.		
Carnegie Corporation of New York.	1923-1934.	3,000
For the University Library.		
Anonymous.	1923-25.	5,000
Four Scholarships in Classics and Mathematics.		
Alumni Association	1934.	
For the Gymnasium Fund		

Carnegie Corporation of New York		
For Research in Pathology		
(For two years)	1934-36	\$ 4,000
For Halo Research	1934	1,500
For Proficiency in German	1934-36	8,000
(For two years)		
Emergency Committee in aid of Displaced Foreign Physicians	1934-36	\$ 1,563
Dr. Wm. Inglis Morse	1932-1934	Collection of books, bookcases, busts, maps, mahogany table, 21 mahogany chairs, books pictures, safe, etc.
For Prices		
For Endowment "Morse Collection"	1933-1936	\$ 2,000
For Medical and Dental Library	1935-1937.	10,000
For other purposes	1932-1935.	1,000
O. E. Smith Trust	1936.	20% of the income from a Trust Fund.
Estate of Mrs. Margaret Florence Trueman, Bismark, N. S.	1936.	\$ 1,000
For expenditure on suggestions of Alumnae Association		
Estate of Mrs. E. B. Eddy Balance of residue	1936.	6,777
For "Eddy-Shirreff Foundation"		
Rockefeller Foundation	1936.	60,000
(Payment over five years)		
For Institute of Public Affairs.		
Anonymous	1923-1937	60,000
Hector McInnes Memorial Fund for Scholarships.		
Estate of Charles M. Macdonald, Armstrong, B. C.	1937.	1,000
Estate of Mrs. A. I. Huddleston, Cambridge, England	1937	2,000
Rockefeller Foundation		
Grant for study of Morbidity in Nova Scotia		
1937-1938	10,000	
Estate Walker A. Black	1938	5,000
For general purposes		
Hon. J. C. Tory	1928	About 45,000
For Medical and Dental Library		
Carnegie Corporation of New York	1938	50,000
Contribution to the development of the Medical and Dental Library		
Anonymous	1939	2,500
For Medical and Dental Library		
A. B. Wiswell	1935-1939	1,000
For Medical and Dental Library		

<b>North British Society.</b>	<b>1905 to date.</b>	<b>\$ 4,540</b>
<i>North British Society Centennial Bursary.</i>		
<i>Allan Pollak Scholarship</i>	<b>1922 to date.</b>	<b>3,200</b>
<b>Nova Scotia Dental Association.</b>	<b>1912 to date.</b>	<b>3,010</b>
<i>For Dental Library.</i>		
<i>Dental Prizes.</i>		<b>885</b>
<b>Osgewell Library Fund.</b>	<b>1916 to date.</b>	<b>5,612</b>
<i>For Medical Library.</i>		
<b>Commercial Club of Halifax.</b>	<b>1922 to date.</b>	<b>3,100</b>
<i>Scholarships.</i>		
<b>Senator W. H. Dennis.</b>	<b>1922 to date.</b>	<b>9,600</b>
<i>English Prizes for Prose and Poetry.</i>		
<b>The Carswell Co., Limited, Toronto</b>		
<i>Law Prizes</i>	<b>1922 to date.</b>	<b>1,605</b>
<b>Alumni and Alumnae Associations</b>		
<i>Subscriptions to the Gymnasium Fund</i>	<b>1922 to date.</b>	<b>7,290</b>
<b>Rockefeller Foundation.</b>	<b>1923 to date.</b>	<b>44,000</b>
<i>(Annual grant for five years.)</i>		
<i>(Additional grant for three years)</i>	<b>1926 to date.</b>	<b>5,220</b>
<i>For the Department of Epidemiology.</i>		
<b>Gifts obtained through Professors</b>		
<i>For Arts and Medical Libraries</i>	<b>1935 to date.</b>	<b>1,745</b>

### 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." 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." In 1938 the Senate decided that in future Munro Day should be celebrated on the second Tuesday in March.

### FACULTIES AND AFFILIATIONS.

The Faculty of Arts and Science, so styled since 1936, 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 1905 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 Fisheries Research Board in a course leading to degrees in Fisheries. These courses are now graduate in character, the instruction involved being given by the staffs of Dalhousie and of the Board.

### 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 Sciences, 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* *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), Bachelor of Laws, Doctor of Medicine and Master of Surgery, and Doctor of Dental Surgery. Courses for diplomas in Music, Pharmacy, 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, and in Pharmacy.

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 institutions.

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

**Engineering Courses.**—A course in Engineering is offered in the Faculty of Arts and Sciences. 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 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 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 is rated Class A by the Council on Medical Education and Hospitals of the American Medical Association and is also a member of the Association of American Medical Colleges. Graduates enjoy all the privileges which these affiliations confer.

#### AFFILIATED INSTITUTIONS.

##### Pine Hill Divinity Hall.

Principal ..... Rev. A. E. Kerr, M.A., B.D.

The classes and examinations in Hebrew I and New Testament Greek I 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 ..... G. D. Steel, 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 courses without further examination, and may receive credit in classes of the first and second years.

##### Memorial University College.

President ..... Albert G. Hatcher, M. A., LL. D.

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. Burchidge  
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.

**Convent of the Sacred Heart.**

**Mother Superior**..... Reverend Mother Naud.  
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 57,960 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 14,000 volumes, including all the law reports which a student will find it necessary to consult.

The Medical Library may be said to have begun with an endowment of £1,000 from Dr. C. Cogswell. For many years it has received all the leading medical periodicals published in Europe and America. The Library is in charge of a trained medical librarian, and is open to all registered students and to the practising physicians in the Maritime Provinces. The new Library building completed in the spring of 1939 stands on the Forrest campus. It was built after consultation with several of the most eminent medical librarians in America and in every way is fitted for the purpose it serves.

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 101,000 volumes and pamphlets), the Legislative Library (40,760 volumes), the Library of Fiske Hill Divinity Hall (55,000 volumes and, in addition, valuable records), and the Nova Scotia Barristers' Society Library (13,800 volumes).

A building for the Public Archives of Nova Scotia was erected on the University grounds adjacent to the Library in the fall of 1936, 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 Aikins 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 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 the Maritime College of Pharmacy.

The Pathological Institute of the Provincial Department of Health houses the departments of Pathology, Bacteriology and Immunology.

**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;

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

**Physical Training.**

All students in their first year of attendance at the University are required to follow a prescribed course of Physical Training, unless they are exempted by a medical certificate or by satisfactory evidence that they have already completed a similar course of training at an approved institution.

Each new student on registration must report to the Director of the Gymnasium.

**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 14th. 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 now

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 20th 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 findings 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 may 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 12 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 5.30 p.m. on any day, and must be returned before 10.00 a. m. the following morning.

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 \$4,400.

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 Mrs. F. H. Pond, 18 Oakland Road, 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, Dalhousie Band, 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. 69).

**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 27th and 28th and that special lectures for them begin on September 30th.

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 22-25.

**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.

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

**Matriculation.**

To enter the 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.:**

(1) English; (2) French; (3) German; (4) Algebra; (5) Geometry; (6) †Music; (7) one other subject.

For information regarding the Course in Music see page 47.

**For LL. B.:**

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

For further particulars, see page 105.

**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 Zoology 2, and an elective. German 3 is recommended.

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

\*See footnote page 21.

†See page 25.

**For D. D. S.:**

As for M.D., C.M.

**For B. Sc. (Pharmacy):**

As for B.A. or B.Sc., but including Latin.

**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 49 and 50.

**Diploma of Licentiate of Music:**

(1) English; (2) †Music; (3) French or German; (4) one other subject.

**Diploma in Pharmacy:**

Complete matriculation in Arts or Science, including Latin.

**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 23rd to 27th, 1939. For the time table of the examinations, see the Almanac pages of the University calendar. Papers of from two to three hours' duration will be offered in each of the following subjects:—\*

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

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

†See page 25.

**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 18th, 1939.

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. Other tests of composition, such as letters, paraphrases, and summaries, may be included in the paper. There are no prescribed texts, and candidates must understand that they will be judged chiefly on their ability to express themselves.

**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.**—Seary and Patterson: *The Story of Civilization* (as taught in Grade XI in the Schools of Nova Scotia).

**Algebra.**—Equations of the first and second degree, 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 polygons 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 formulae relating to the sum and difference of two angles, the solution of equations and of right-angled triangles, as in any elementary trigonometry.

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

The books prescribed are: Wedek: *Third Year Latin*; pp. 1-25. Cicero: *First Oration against Catiline*; pp. 218-236. Selections from Ovid; pp. 125-136. 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. Dando: *Modern French Course, Lessons 30 to 50*. Ferret: *French Poetry*. Manley: *Eight French Stories*. La Brôte: *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 Reader, stories* ("Lesestücke") Nos. 5, 8, 10 and 12. Baumbach: *Der Scheitersgohr*. 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.**—The examination is intended to be of Grade XI standard. It will be set from such a text book as *The Ontario High School Physics and Laboratory Manual*.

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

**Music.**—The standard in Music is that of a Senior Grade Certificate (Theoretical and Practical) from institutions named as Class "A" by the Department of Education of the Province of Nova Scotia, or from a recognized examining body conducting local centre examinations in Canada accepted by that Department.

### 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:

- Certificates of the Common Examining Board of the Maritime Provinces and Newfoundland.
- High School Certificates of Grades XI or XII of Nova Scotia, issued by the Department of Education of the Province of Nova Scotia.
- Certificates from Accredited Schools.
- Grammar School, or Superior (except in Latin), or First Class Licences of New Brunswick.
- Honour Diploma, or Certificate, 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.
- Equivalent Licences or Certificates issued by Education Departments of other Provinces.
- Certificates of Matriculation Examinations taken at recognized Universities.
- 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\* in the Faculty in question, and that the last year of the degree 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

### GENERAL UNIVERSITY REGULATIONS.

(V. p. 14, et seq.)

The Academic Year begins September 27, 1939, and ends May 14, 1940.

### 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. The University provides courses required for the diploma in Education, and for the diploma in Pharmacy issued by the Maritime College of Pharmacy (See p. 49).

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. 52-53.)

The course of study for the Degree of Bachelor of Commerce extends over four years. (See pp. 31-32.)

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 four years. (See pp. 47-48)

\*In the Faculty of Arts and Science "one year's work" is interpreted to mean at least five classes of college grade.

\*See pages 25-32 for Honours 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:

- (i) 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, so that seven classes which require a University class as prerequisite are included in not more than three of the following departments, and not more than seven such classes are included in any one department:

Biology (including Botany, Zoology, Histology, Embryology, and Physiology);  
 Chemistry (including Biochemistry);  
 Classics (including Latin and Greek);  
 Divinity (including Church History, Hebrew, and New Testament Greek);  
 Economics (including Sociology);  
 English Language and Literature;  
 Geology;  
 History;  
 Mathematics;  
 Modern Languages (including French, German, and Spanish);  
 Philosophy (including Psychology);  
 Physics;  
 Political Science.

For details of classes in the above departments see Classes of Instruction, page 70, 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.

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

Lists of the elective classes chosen by students must be submitted for approval not later than Wednesday, October 11th, 1939.

All students contemplating entry to the teaching profession after graduation, are requested to consult the Professor of Education, concerning their programme of study, before registration.

#### 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 I or Greek I.
2. English I.
3. Mathematics 1.
- 4, 5. Any two of: Another language, History 1, Physics 1 or 2, Chemistry I, Geology I, Biology I.

#### Second Year.

A normal second year consists of five classes\* such that at the end of the year a student shall have completed not fewer than ten and not more than twelve of the classes required for the B.A. or B.Sc. degree; provided at the same time that at least nine of the required imperative classes be completed.

Note—In those cases where a student is taking more than five classes, scholarship award shall be based on the standing reached in the best five classes, which must include any imperative subjects.

#### 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:

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

**A. Divinity.**—The classes in New Testament Greek and Hebrew conducted in Fine Hall 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.**—Four classes from the department of Commerce.

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. 27.

#### 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.

Candidates taking at least four classes in Geology may offer Drawing 2 and Surveying 2 as two classes in this group.

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 11th, 1939.

#### 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.

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

#### 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.

#### 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 twenty classes:

- (1) Two classes in English.
- (2) History 1, Mathematics I, a Science class, a class in a Modern Language.

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

(3) One class from the courses of instruction offered in the Faculty of Law.

(4) Economics 1 and Economics 3.

(5) Commerce 1, Commerce 4, and Commerce 6.

(6) Eight other classes to be selected after approval by the Head of the Department of Commerce.

#### Order of Classes.

Students looking forward to the study of Commerce should consult with the Head of the Department before registering for the first time in the University. They will be advised concerning the selection and order of classes. The following schedule shows the order recommended:

**First Year**—English 1, Mathematics 1, a Science class, French 1, or German 1, or Spanish 1, Commerce 1.

**Second Year**—English 2, History 1, Economics 1, Commerce 4, one other class with Department's approval.

**Third and Fourth Years**—The remaining compulsory and approved classes.

#### 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.

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;

\*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 50 per cent. in each subject.

(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 License 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.55) 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 not more than eight classes nor in fewer than 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.

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, Zoology 2.

Candidates for Distinction must consult the Committee on Studies 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. 43-44).

#### 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.

#### 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, 249 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, French 1 and 2, 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 1500. Grammar and translation, including slight translation from Old English prose and verse.

**Middle English:** Language and Literature from 1500 to 1600.

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

**English Literature from 1603 to 1795.**

**English Literature since 1795.**

**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 in their third and fourth years at least five approved senior classes in English, History 2, 3, 4 and 5 and any special Honour class offered in History, 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.  
11. Community Organization.
- 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.

The course of study to be followed in the later years will be adapted to the needs and aptitudes of individual students, and those interested should consult the Chairman of the Committee on Teaching of Public Administration.

**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.**—Wetton: *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: *Principles of Ethics*. 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*, I-II, VII, X.

### VIII. Mathematics.

Besides the Honour Course in Mathematics mentioned below, there is an Advanced Course. [See p. 44].

#### 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 Physical 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 3 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 or 7, 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 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, Zoology 2 and Botany 2. 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; Zoology 2, Botany 2 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 57 (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: *Alceste*.

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

**Greek II.**—Demosthenes: *Philippics I-III*; *Olynthians I-II*. Thucydides: Book II. Homer: *Iliad*, Books I, VI. Aeschylus: *Prometheus Bound*. Euripides: *Electra*. Aristophanes: *Frogs*.

**Latin II.**—Tacitus: *Annals*, Books I, II. Cicero: *In Caecilium*, *In Verrem I*. 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*. Thucydides: 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: *Historiae*, Books I, II. Horace: *Satires*. Plautus: *Rudex*.

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

**Latin IV.—Classroom Offices I; Philippics II; Tacitus; Annals, Books III-VI; Quintilian; Book X; Horace; Epistles; Ars Poetica.**  
**Martial; Selections; or 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.

**Through-out:** Composition and Sight Reading.

## II. Mathematics.

The following course is offered for those students who have complied with the regulations on page 57 (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 12, Physics 6, 14, and 16, and another class in Mathematics and Physics, the details of which classes are to be found on pages 91 and 99.

## 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:** Molière: *L'Avare*; *Le Bourgeois gentilhomme*. La Fontaine: 15 fables choisies. Boileau: *Satires II, VI, VIII*. La Bruyère: *Les Caractères*, Chap. V, XI, XIII (*De la société et de la conversation*, *De l'homme*, *De la mode*). Victor Hugo: *Les pasteurs péna*. Alphonse Daudet: *Le secret de Maître Cornille*. *Les siens*.

**German:** German composition. Conversation classes in German. Reading of German prose and poetry, especially contemporary authors.

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

**English:** English 1 (p. 85).

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

### Second Year.

**French:** Balzac: *Le Père Goriot*. Alfred de Vigny: *Le moineau du berger*. Lamartine (Levassier's edition): *L'Inconnu*. Le Iar: *Le solon*; Molière: *Le sige et la maison*. Victor Hugo (Levassier's edition): *Les Contemplations* (p. 431-484). Alfred de Musset: *Fantasio*; *Lettres de Dupuis et Cotonet* (première lettre). Ch. M. des Granges: *Les romans français* (Alexandre Dumas, George Sand, Stendhal, Mérimée, Flaubert, Les Goncourt, Anatole France).

**German:** Outline of German literature in the Nineteenth century. Of the dramatists of that period, Kleist and Hebbel will be read, and of the novelists and lyricists, Eichendorf, Gottfried Keller, Konrad Ferdinand Meyer, Storm and Rilke.

**History:** History of Europe since 1815; largely a seminar course with assigned readings.

**English:** English 2 (p. 85).

### Third Year.

**French:** J. Vianey: *Chefs d'oeuvre poétiques du XVII<sup>e</sup> siècle* (Selections of Marot, Ronsard, Du Bellay.) Rabelais: *Lettre de Gargantua à Pantagruel*. Montaigne: *Essais*, Book I, Chap. 25 (*De l'institution des enfants*). Corneille: *Le Cid*. Racine: *Andromaque*. Ch. M. des Granges: *Morceaux choisis des auteurs français du XVII<sup>e</sup> siècle* (Malherbe, Racine, Saint-Amant, Voiture, Madame de Sévigné).

**German:** Outline of German literature in the Eighteenth century. A selection of dramas, poetry and prose will be read, special emphasis being laid on Lessing, Schiller and Goethe. Students will be required to read studies on the literary history of the period by German and British authors.

**History:** History of Europe, 1715 to 1815. Seminar class (French Revolution, Napoleon, Development of Germany.)

### Fourth Year.

**French:** Montesquieu: *Lettres persanes* (Selected letters on French manners and customs). Voltaire (Flandrin's edition): *Lettres philosophiques* (XVIII, XIX)—*Le Siècle de Louis XIV* (Chap. XXII: *Des beaux-arts*)—*Condole—Le pauvre diable—Jezou et Colin*. Jean-Jacques Rousseau (Flandrin's edition): *L'Emile*, Book II, pp. 503-540; *Les Rêveries du promeneur solitaire* (I, V, IX). Rivarol: *Discours sur l'universalité de la langue française*. Ch. M. des Granges: *Morceaux choisis des auteurs français du XVIII<sup>e</sup> siècle* (Fontenelle, Le Sage, Diderot, Buffon, Beaumarchais).

During the third and fourth years, students will acquire an extensive knowledge of the French literature of the XVth, XVIIth and XVIIIth centuries, and will be thoroughly trained in free composition: narrative, letter, description, dialogue, literary dissertation.

**German:** History of the German language and the chief phases of German mediæval literature will be studied. Parts of the Nibelungenlied and Goettruedel and Parsifal will be read.

Throughout the whole course, students will study German Idioms both in conversation and written composition. Special emphasis will be laid on this in the first three years.

**Comparative Literature:** In the third and fourth years classes in English may be arranged to fit the courses taken in foreign languages and history.

## OTHER COURSES.

### Course for Bachelor of Music.

The course for the degree of Bachelor of Music may be completed in four years.

Candidates for the degree may be students of the pianoforte, organ, violin, or voice.

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. Practical Music.
6. English I.
7. French I.

#### Second Year.

1. Harmony in not more than four parts, including writing for strings.
2. Strict Counterpoint in not more than four parts; Fugue (subject answer and counter subject).
3. History of Music.
4. Practical Music.
5. English II.
6. German I.

#### Third Year.

1. Harmony in not more than five parts, including writing for strings.
2. Counterpoint in not more than five parts.
3. Double Counterpoint at the octave and fifteenth; Canon and Imitation in two parts; Fugue as far as Exposition.
4. Orchestration, elementary and form.
5. Acoustics.
6. \*Practical Music.

#### Fourth Year.

1. Double Counterpoint; Canon and Imitation; Fugue in not more than four parts.
2. Form, including Analysis of at least two Full Scores of different type.

\*Practical music may be completed either in the third or fourth year.

## 3. Orchestration.

## 4. Choice between

(1) An 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 a stringed or wind instrument with pianoforte accompaniment.

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 University provides instruction in English, French, German and Acoustics. Instruction in the professional subjects may be obtained at the Halifax Conservatory of Music, or other institutions 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 to 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 presenting certificates from recognized institutions showing that they have completed satisfactorily the work, or the equivalent, of the first year at this University, may receive exemption from corresponding examinations and practical tests of that year.

Candidates for any examination must make application to the Secretary of the Faculty of Arts and Science not later than March 30th, the application being accompanied by the proper fee (see p. 69) 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' Examinations of the New Brunswick and Nova Scotia Pharmaceutical Societies. Attendance on this course is prerequisite to the Diploma Course. This Course begins on September 5th, 1939.

The Diploma Course begins on Thursday, Sept. 28th, 1939, 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 pp. 22-23). 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. 23.

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.

#### Household Science

Students who are interested in the study of Household Science are referred to the Principal of the Halifax

Ladies' College for particulars of the practical and secondary school instruction offered by that institution. Qualified students will be registered at the University for such undergraduate work as is required to complete this course at the Halifax Ladies' College.

#### 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 examination.

The required subjects for the Superior First Rank Diploma are the classes Education, 1, 2, 3 and 4, 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.

Honour B.A.'s may, with the approval of their department, be allowed to count the thesis as three-fifths of the M.A. work in that department.

Other candidates for the Master's degree will in general be permitted to take only one-fifth of their M.A. work by thesis; but on recommendation of their department may, with the approval of the Committee, be allowed to take two-fifths.

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.

Final examinations for Master of Arts and Master of Science degrees shall be held during the regular examination period and shall cover the whole of the work. 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 whether preliminary or final. 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 office of the Registrar of their intention to appear for examination, and the fee must accompany the notice.**

#### Course in Fisheries.

The University in cooperation with the Fisheries Research 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. 71 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. 33).

#### 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 page 54, 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 21st, the fee (see p. 69) 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.

\*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.

**Entrance Scholarships in Mathematics and in Classics.**  
Applications must be in by August 1st.

**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:

The candidate must have received a creditable pass in the following examinations of Grade XII as set by the Common Examining Board: English; Physics; Algebra; Geometry; Trigonometry; and any two of Latin, Greek, French, German. 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*.

\*For example, a scholarship holder who failed to make an average of an least sixty per cent in the classes taken and of at least sixty-five per cent in the scholarship classes 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 \$250 (\$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 candidate's 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 in 1939 will be determined:

By the results of a preliminary general examination set by Dalhousie University and written during the month of March at the school attended by the candidate;

and  
by the standing of the candidate in the school work of the year in which he completed the work of Grade XI or the equivalent.

Only those pupils who at the end of the present school year will have taken the seven classes of Grade XI required

\*See foot note on page 57.

One of the \$100 Scholarships is the gift of the Hibernian Community of the Sydney District and it is named the "Cape Breton Hibernian Scholarship." A second \$100 Scholarship is the gift of the "Hibernian Scholarship Fund, New Brunswick.

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

for University matriculation are eligible to write the preliminary examination; and scholarships may be held only after matriculation into the B.A. or B.Sc. course is completed.

The University has the following funds available for Scholarships; and from these Funds the above Regional Scholarships will be given; and in each case the Scholarship will bear the name of the fund from which it is derived:

**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 Scholarship 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.

**The Hector McInnes Memorial Scholarship Fund.**—During the last year of his life, the late Hector McInnes was given \$10,000 by an anonymous donor to whom he had been describing the Dalhousie Regional Scholarships. The money was to be used for that purpose.

After Mr. McInnes' death, in December, 1937, the same anonymous donor gave the University \$50,000 as a memorial to Mr. McInnes. The \$50,000 was invested as an endowment for this purpose, as was also the unexpended balance of the original \$10,000.

**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 person 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.

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 preference will be given to the students of Scottish extraction.

**First Year Scholarships.**

These Scholarships are three in number, as follows:

- 1 George H. Campbell Memorial Scholarship, of ..... \$200  
 \*1 MacKenzie Scholarship, of ..... 255  
 †1 Bruce Scholarship of \$85, tenable for three years ..... 190

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. 28-30).

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 \$500 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. Centennial 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 Bur-

\*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.

‡To hold this scholarship for more than one year the student must have made an average of sixty per cent. in the classes taken in the preceding year.

\*See foot note on page 29.

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

sary 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, 1940.

**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, 1941.

**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 strained circumstances."

**Third Year Scholarships**

**The Khaki University Scholarship.**—From the Khaki University and Young Men's Christian Association Scholarship Fund, amounting to \$6,000, which was received from the trustees of the Khaki University, a Scholarship of the value of \$100 will 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 1921 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.

\*See page 29.

‡ See foot note page 60.

### Third and Fourth Year Scholarships.

**Public Administration.**—Two scholarships of \$200 each are available to students in the last two years of the Honour 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 Buttenschaw 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.

**The James L. Hall Scholarship.**—This scholarship of the annual value of \$75, contributed by Mrs. James L. Hall in memory of her husband who was a student at Dalhousie University in the years 1919-21, is awarded to the student who has completed the second year of the Engineering course with Distinction standing. In order to hold this scholarship a student must register for one class in Geology in the third year of his course.

### 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

#### 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 Overseas League Essay Prize.**—This prize, being the interest of a fund of \$1,900 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 1940 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, kindness, 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 G. P. Curtis, 42 Larch Street, 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.

**1881 Exhibition Science Research Scholarships.**—These Scholarships of the value of £275 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. A candidate must have been a student of science in a University for a period of not less than three years and must have spent one full academic year ending not more than twelve months prior to the date of recommendation at the University by which he is recommended. Candidates must have

shown evidence of capacity for original research. The Scholarships 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 1933-40 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 hold a degree from a recognized University or degree-granting College in Canada, and must have done, or be doing, postgraduate work. For further information apply to the Head Office of the Order for Canada, 132 Lawther Ave., Toronto 4, Ont., or to the Provincial Educational Secretary, Miss Bertie Denkin, P.O. Tufts Cove, Halifax Co., 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, irrespective 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 \$250 will be open to award to applicants who have graduated with high distinction in scientific study. A Bursary

will not be granted unless the University which the applicant proposes to attend will waive all tuition fees.

Studentships of the value of \$650 will be open to award to applicants who have had experience in research work in science for at least one year following graduation.

Fellowships of the value of \$750 will be open to award to applicants who have given distinct evidence of capacity to conduct independent research in science.

The Research Council has instituted Special Scholarships of two classes, to be held at the National Research Council Laboratories in special fields of research in which facilities are not available elsewhere in Canada. Class (a) consists of four Special Scholarships open to applicants who have to their credit at least one year of postgraduate work leading to a Master's degree or equivalent, and whose applications are approved by a Canadian university. They are of the value of \$750 and tenable for twelve months. Although other departments of science are not excluded, applications in the field of engineering will receive preferred consideration. Class (b) consists of two Special Scholarships open to applicants who have completed the work of a Ph.D. and who desire to bridge the gap between their academic training and their employment in industry or elsewhere. They are of the value of \$1,000 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.

**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 1940. 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 candidate has studied, and from instructors under whom he has closely worked.

Applications for 1940 Fellowships will be received at any time up to February 1, 1940.

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

### 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, 1939.

**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, 1939.

**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 April 15th. 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
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

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



## CLASSES OF INSTRUCTION

- Biblical Literature.  
 Biochemistry: see Chemistry.  
 Biology.  
 Chemistry.  
 Church History: see Divinity, History.  
 Classics. (Latin, Greek, Philology)  
 Commerce.  
 Divinity. (Church History, Hebrew, New Testament Greek)  
 Drawing: see Engineering.  
 Economics and Sociology.  
 Education.  
 Embryology: see Biology.  
 Engineering classes:  
     Drawing.  
     Mechanics.  
     Surveying.  
 English Language and Literature.  
 Fine Arts.  
 French: see Modern Languages.  
 Geology and Mineralogy.  
 German: see Modern Languages.  
 Greek: see Classics, Divinity.  
 Hebrew: see Divinity.  
 Histology and Embryology: see Biology.  
 History.  
 Latin: see Classics.  
 Law.  
 Mathematical Physics: see Physics.  
 Mathematics.  
 Mechanics: see Engineering.  
 Medicine.  
 Modern Languages. (French, German, Spanish)  
 Music.  
 Philology: see Classics, English Language, and Modern Languages  
 Philosophy. (Philosophy, Psychology).  
 Physics. (Physics, Mathematical Physics).  
 Physiology: see Biology.  
 Political Science.  
 Psychology: see Philosophy.  
 Spanish: see Modern Languages.  
 Sociology: see Economics.  
 Surveying: see Engineering.  
 Zoology: see Biology.

## CLASSES OF INSTRUCTION.

## Biblical Literature.

## Lecturer

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. (1940-41). 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. Peake; A History of the Literature of Ancient Israel. Orlby; 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. (1929-40). Tu. and Th. at 4.30 p. m.

Old Testament. The exile 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; Parts 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.

## Biochemistry: see Chemistry.

**Biology.**

Students intending to major in Biology are advised to include Biology 1 and Chemistry 1 in their first year, and Zoology 2 or 3 or Botany 2 and Chemistry 4 in their second year.

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.

**Botany.**

*Professor*..... Hugh P. Bell (Head of Dept.).  
*Lecturer*..... W. G. Doro.

2. **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.

3. **General Bacteriology.**—*Lect.*: Tu. and Th., 2.30 to 3.30 p. m. *Lab.*: Tu. and Th., 3.30 to 5.30 p. m.

*Prerequisite.*—Biology 1.

4. **Introduction to Plant Ecology and Physiology.**—*Lect.*: M. and W., 9 to 10 a. m. *Lab.*: Three hours per week and field work during the autumn.

*Prerequisite.*—Biology 1 and Chemistry 1.

5. **Algaeology.**—*Lect.*: Two hours per week. *Lab.*: Four hours per week.

*Prerequisite.*—Botany 2.

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 Algaeology given at the Marine Biological Laboratory, Woods Hole, Massachusetts.

6. **Economic Plants, their Structure and Use.**—*Lect.* and *Lab.*: Six hours per week.

*Prerequisite.*—Botany 2.

7. **Taxonomy of the Flowering Plants.**—*Lect.*: Three hours per week. *Field work during the summer equivalent to four hours per week term work.*

*Prerequisite.*—Botany 2.

Students intending to enroll in this course are advised to consult the Department in the spring in order that suitable field work may be suggested for the summer.

**Zoology.**

*Associate Professor*..... F. Ronald Hayes.  
*Assistant Professor*..... Dixie Pelluet.

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.

3. **Invertebrate Zoology.**—(1940-41). *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.**—(1939-40). *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.**—(1940-41). *Lect.*: Tu. and Th. at 9 a. m. *Lab.*: Tu. and Th., 10 a. m. to 12 m.

*Prerequisite.*—Biology 1, Chemistry 1.

This course deals with the nervous system, sense organs and response to stimuli.

6. **Experimental Zoology.**—(1939-40). *Lect.*: Tu. and Th. at 9 a. m. *Lab.*: Tu. and Th., 10 a. m. to 12 m.

*Prerequisite.*—Two classes in Biology, Chemistry 4, which may be taken at the same time.

This course deals with the properties of protoplasm, digestion excretion and respiration.

7. **General Histology and Technique.**—(1939-40).—Ten hours per week. *Lect.*: S. at 9 a. m. *Lab.*: S., 10 a. m. to 1 p. m.; *reminiscing periods to be arranged.*

*Prerequisite.*—Zoology 2 or Botany 2, and permission of the Department. The class is limited to three students.

8. **Cytology.**—*Lect.*: Two hours per week. *Lab.*: Four hours per week.

*Prerequisite.*—Chemistry 4 and Biology 7.

This class deals with methods of investigating the properties of protoplasm, cells and tissues.

**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 degree by those who offer a group in Biology, and for that purpose they are regarded as classes in Biology.

**Physiology.**

The class Physiology 1 given in the Medical Faculty may, with the consent of the department involved, be offered as an elective.

**Chemistry.**

Professor..... C. B. Nickerson (Head of Dept.).  
Associate Professors..... Harold S. King, C. C. Coffin.  
Instructor..... E. W. Todd.  
Demonstrators..... G. S. McKnight, J. P. Walsh.

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 Corson: *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: Fieser 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: *Physical Chemistry*. Krieger: *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*, Vol. 1 and 2. Glasstone: *Recent Advances in Physical Chemistry*.

8. **History of Chemical Theory, Advanced Inorganic Chemistry.**—(1939-40). Two lectures per week. No laboratory.

Prerequisite.—Chemistry 3, 4 and 7.

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 Lashier: *Inorganic Chemistry*.

9. **Advanced Quantitative Analysis.**—(1939-40). One lecture and nine hours laboratory per week.

Prerequisite.—Chemistry 4 and 7.

Book Recommended: Yasudell and Hall: *Quantitative Analysis*.

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

Prerequisite.—Chemistry 4 and 7.

Books Recommended: Whitmore: *Organic Chemistry*. Gattermann and Winkler: *Laboratory Methods of Organic Chemistry*.

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

**Biochemistry.**

The class Biochemistry 1 given in the Medical Faculty may, with the consent of the department involved, be offered as an elective.

**Journal Club.**—Meetings are held weekly in the Physics Lecture Room. Graduate students must attend and take part in the presentation of papers.

**Church History:** see Divinity, History.

## Classics.

Professors.....E. W. Nichols (Head of Dept.), A. K. Griffin,  
Associate Professor.....R. E. D. Cattlely,  
Lecturer.....J. W. Logan.

## Latin.

**Elementary Latin.**—*Tu, Tū, 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 I. 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: Thompson, Tracy and Dugli; *Essentials Latin* (Clark, Ives & Co.). Other books will be associated at the beginning of the session.

1. *Tu, Tū, and S.* of 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, Oxford Univ. Press). Lewis and Goddard; *Foundations for Latin Prose Composition* (Hainemann). Allen and Greenough; *New Latin Grammar* (Ginn).

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

Prerequisite.—Latin I.

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

Text Books: Livy: Book I (Frasman, Oxford Univ. Press). Catullus (Macaulay and Hanson, Duckworth). Horace: Odes and Epodes (Smith, Ginn). Vergil: *Æneid*, Book VI (Page, Macmillan). Allen and Greenough; *New Latin Grammar*, Lewis and Goddard; *Foundations for Latin Prose Composition* (Hainemann).

3. (1940-41). *M. and W.* of 12 m.

Prerequisite.—Latin 2.

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

Text Books: Tacitus: *Historia*, Books I-II (Moore, Macmillan, Toronto). Horace: *Satires and Epistles* (Morris, Allen, Book Co.).

4. (1939-40). *M. and W.* of 12 m.

Prerequisite.—Latin 2.

Cicero: *In Cæciliam*, *In Verrem I.* Plautus: *Cupid*, *Juvenal: Satires* (selected).

Text Book: Cicero: *In Cæciliam, In Verrem I.* (Holladay and Cowie, Cambridge Univ. Press). Plautus: *Cupid* (Elmer, Allen & Bacon). *Juvenal: Satires* (Duff, Cambridge Univ. Press.).

\*For private reading by students seeking Distinction.

5. (1940-41). *Hours to be arranged.*

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

6. (1939-40). *Tu, Tū, and S.* of 11 a. m.

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

7. Plautus: *Rudex*. Lucretius: Books I, III. Vergil: *Æneid*, Books X, XI, XII. Sallust: *Catilina*. Cicero: *Letters* (selected).

8. Plautus: *Menæchmi*. Cicero: *De Officiis*, Book III; *De Amicitia*. Horace: *Poeta* (Harrington). Martial: *Selections* (Stephenson). Petronius: *Cena Trimalchionis*. Seneca: *Seneca* (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.

9. and 10. Cicero: *De Officiis* Book I; *Philippic II*. Tacitus: *Annals*, Books III-VI. Martial: *Selections*; or, *Elegists: Selections*. Lucretius: Books III, V.

Two hours a week: *hours to be arranged.*

Selections from *Cæsar: Gallic Wars*; Vergil: *Æneid*; 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 toward the B.A. degree.

Text Books: *Cæsar: De Bellis Gallicis* (Watson, Oxford Univ. Press). Vergil: *Æneid*; *Metamorphoses* (Hildgick, Cambridge Univ. Press). Johnson: *Private Life of the Romans*.

Other texts will be associated during the session.

## Greek.

**Elementary Greek.**—*M. and F.* at 10 a. m., and *Tu, and Tū, and S.* of 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 associated at the beginning of the session.

1. *Tu, Tū, and S.* at 10 a. m.

Prerequisite.—Matriculation Greek.

Arrian: *Selections*. Euripides: *Alceste*. Greek Grammar. Greek Prose Composition. Exercises in sight translation.

Books Recommended: Arrian: *Selections* (Hard and Walpole, Oxford Univ. Press). Euripides: *Alceste* (Blakely, Bell, London). Lewis and Strick: *Foundations for Greek Prose Composition* (Hainemann). Goidanakis: *Greek Grammar* (Ginn).

2. *M., W. and F. at 9 a. m.*

Prerequisite.—Greek 1.

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

Books Recommended: Lectian: *Chorus*, etc. (Holland, Cambridge Univ. Press). Homer: *Odyssey*, Books VII-XII (Merry, Oxford Univ. Press; Toronto). Fletcher and Nicholson: *Greek Prose Compositions* (Dopp Clark, Toronto).

3. (1940-41). *M. and W. at 12 m.*

Prerequisite.—Greek 2.

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

Books Recommended: Demosthenes: *Philippics* (Abbott and Matheson, Oxford Univ. Press; Toronto). *Olynthics* (Claver, Cambridge Univ. Press). Euripides: *Electra* (Koenig, Bell, London). Homer: *Iliad*, Book I, (Merry, Cambridge Univ. Press).

4. (1939-40). *M. and W. at 12 m.*

Prerequisite.—Greek 2.

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

Books Recommended: Plato: *Republic*, Books I-V (Adams, Cambridge Univ. Press; Cris, Koenig, Macmillan, Toronto). Homer: *Odyssey*, Books XXII, XXIII (Merry, Oxford Univ. Press).

5. (1940-41). *Hours is arranged.*

Thucydides, Book II. Aeschylus: *Prometheus Vinctus*; \**Electra*. Aristophanes: *Progs*; \**Knight*.

6. (1939-40). *Hours is arranged.*

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

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

9. and 10. Plato: *Republic*, Books V-X. Aristotle: *Politics*; *Ethics*, Books I-IV. Thucydides: Books VI, VII. Aeschylus: *Agamemnon*. *Lyric Fragments* and Pindar: *Odes* (selected).

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 private reading by students seeking Distinction.

## Commerce.

Professor ..... Stewart Bates (Head of Dept.)  
Special Lecturer in Accounting ..... Harvey E. Crowell.

1. **Accounting 1.**—*M., W. and F. at 3.30 p. m.*
2. **Accounting 2.**—*M., W. and F. at 11 a. m.*  
Prerequisite.—Commerce 1.
3. **Accounting 3.**—(1940-41). *Three hours per week.*
4. **Industrial Organization 1.**—*M., W. and F. at 2.30 p. m.*  
Preliminary Reading: Robertson: *Control of Industry*.

Text Books: Von Beckerath: *Industrial Organization*. Marshall: *Industry and Trade*.

5. **Industrial Organization 2.**—*Tu., Th. and S. of 10 a. m.*  
Prerequisite.—Commerce 4.
6. **Statistics.**—(1940-41). *Tu. and Th. at 9 a. m.*

Prerequisite: Economics 1 and Mathematics 1.

Text Book: Crum and Patton: *Economic Statistics*.

7. **Business Fluctuations.**—*M. and W. at 10 a. m.*

Prerequisite.—Economics 1.

Books recommended: Mitchell: *Business Cycles*. Schumpeter: *Theory of Economic Development*. Haberler: *Prosperity and Depression*. Cassel: *Theory of Social Economics*.

8. **Law Class.**—Class to be selected from the courses of instruction offered by the Faculty of Law.
9. **Public Finance.**—(1940-41). *M. and W. at 10 a. m.*  
See reference under Economics 10.

## Divinity.

## 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.

## 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.

## 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.

## Drawing; see Engineering.

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

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

1. **Principles of Economics.**—Tn., Tn. and S. of 11 a. m.
2. **Modern Economic History.**—(1940-41). Tn. and Tn. of 3.30 p. m.

Prerequisite.—Economics 1.

Text Books: Ogg and Sharp: *Economic Development of Modern Europe*. Bagot: *Economic History of the American People*.

3. **Money and Banking.**—(1940-41). Tn. and Tn. of 2.30 p. m.

Prerequisite.—Economics 1.

4. **Labour Problems and Trusts.**—(1939-40). Tn. and Tn. of 3.30 p. m.

Text Books: Fish: *The Causes of Industrial Unrest*. Douglas, Hitchcock and Alden: *The Worker in Modern Economic Society*. Jenks and Clark: *The Trust*.

5. **Economic Theory.**—(1939-40).

Prerequisite.—Economics 1.

6. **Programmes of Social Reconstruction.**—(1939-40). Tn. and Tn. of 9 a. m.

Prerequisite.—Economics 1.

7. **International Trade and Tariff Problems.**—(1940-41). M. and W. of 9 a. m.

Prerequisite.—Economics 1.

8. **Problems of Economic Policy.**—(1939-40). M. and W. of 9 a. m.

The state and business, government control of transportation and public utilities, planning, marketing schemes, the cooperative movement, industrial relations.

Prerequisite.—Economics 1.

Books recommended: Fisher: *Economics of Welfare*. Patterson and Scholz: *Economic Problems of Modern Life*. Hobson: *Economic Planning and International Order*. Boothby and Associates: *Industry and its State*. Boothby and Associates: *Government and Economics*. Carr-Saunders and Associates: *Cooperators' Co-operation in Great Britain*. B. and S. Webb: *Cooperators' Co-operative Movement*. Richardson: *Federal Relations in Great Britain*.

9. **Political and Economic Geography.**—(1940-41). Tn. and Tn. of 10 a. m.

Prerequisite.—Economics 1, or Political Science 1, or History 1.

The course will be introduced by a series of lectures on Physical Geography given by the Professor of Geology.

10. **Public Finance.**—(1940-41). M. and W. of 10 a. m.

Prerequisite.—Economics 1.

**Sociology.**

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

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

Text Books: Lumsley: *Principles of Sociology* (2nd Ed.). Gillis and Blackman: *Outline of Sociology* (2nd Ed.). Park and Burgess: *Introduction to the Science of Sociology*. Mair: *Sociology: A Text Book of Sociology*.

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

2. **The Modern Community.**—(1939-40). Tn. and Tn. of 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 Neasey: *The Community and Society*. Thompson: *Population Problems*. Elliott and Martin: *Social Disorganization*. Reference Books: Wright: *Population*. Turner: *Social Problems*. Davis: *Problems of City Life*. Sorokin and Shils: *From Max Weber to Modern Sociology*. Fainsteld: *Immigration*.

Also topical bibliography supplied in class.

3. **Social Institutions.**—(1940-41). W. and F. of 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: Hensler: *Social Institutions*. Seldner: *Social Institutions, Origin, Growth and Interaction*. Glueck, Hobhouse and Wheeler: *Social Institutions of the Scriptive Peoples*. Malin-Lorr: *History of Social Development*.

4. **Social Legislation.**—(1940-41). Tn. and Tn. of 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: Calton: *Principles of Social Legislation*. Jenks: *Government Action for Social Welfare*. Selso: *Science of Public Welfare*. Stung: *Public Welfare Administration in Canada*. Stung: *Social Insurance*. Lippman: *Public Opinion*. Stewart: *Canadian Labour Law*.

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

**Anthropology.**

5. **Anthropology.**—(1939-40). M. and W. of 12 m.

Prerequisite.—Sociology 1 or Economics 1.

Text Books: Gilbr: *Physical Anthropology*. Kroeber: *Anthropology*. Winkler: *Introduction to Social Anthropology*.

Reference Books: Kroeber and Wintz: *Source Book of Anthropology*. Lewis: *Primitive Society*. Tansil: *Social Origins*. Goldenweiser: *Early Civilization*.

**Honour and Diploma Courses.**

For these courses consultation with the Department is required.

6. **Social Theory.**

Prerequisite.—Sociology 1.

Text Books: Lichtzberger: *Development of Social Theory*. Additional readings prescribed from Giddings, Elliot, Bagdikian, Barnes & 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 prerequisites 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.

**Education.**

Professor..... B. A. Fletcher.

All Education courses, except Education 1, are largely professional in content, and registration in all but Education 1 is restricted to candidates for the Diploma in Education. For the requirements for a Diploma in Education and for a Superior First Class License to teach see page 48.

**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: A. G. and G. H. Hughes: *Learning and Teaching*.

**2. A. The History of Education.**—M. at 10 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: F. Sanford: *Educational Psychology*.

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

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

Text Book: F. Smith and A. S. Harrison: *Principles of Class Teaching*.

**B. School Organization.**—Th. at 9 a.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., 10 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.**—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.

**Physical Education.**

Associate Professor of Physical Education..... S. A. Korning.

**A. Practical.**—M. and F. at 9 a.m. Leading up to the Examination for the Certificate of Physical Training of the Department of Education of Nova Scotia.

**B. Theory.**—Time to be arranged.  
Theory of Physical Training. Human Anatomy and Physiology.

**Embryology:** see **Biology**.

**ENGINEERING CLASSES.**

Professors..... W. P. Copp (Head of Dept.), H. R. Theakston.

**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 Book: 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*, Cutler: *Descriptive Geometry*, Bishop: *Structural Drawing*, Corbett: *Practical Geometric*.

**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*.
- 2. Graphical Statics.**—Lect. M. at 9 a. m. Lab. M., 2.30 to 5.30 p. m.  
Prerequisite.—Drawing 1.  
Text Book: Malvern: *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: Gilllet: *Kinematics of Machines*.
- 5. Materials of Construction.**—F. at 11 a. m.  
Text Book: Mills: *Materials of Construction*.

**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: Reed and Hazen: *Elementary Surveying*.
- 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 Surveying 2 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: Reed and Hazen: *Elementary Surveying*.

**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: Lieder, Lovett and Root: *British Poetry and Prose*.

In this class all students will be required to show that they have read the following novels: Goldsmith: *The Vicar of Wakefield*. Conrad: *Yank*; *Gasper* Reiz (Dent). Halliburton: *Saw Slick* (ed. Baker).

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

Prerequisite.—English 1.

Text Books: Harbin Craig: *Shakespeare (Plays and Commentary)*. Milton: *Silvius* (ed. Hallford).  
Plays for special study: *Romeo and Juliet*; *Richard II*; *Hamlet*; *Comedies*.  
For Distinction: *A Midsummer Night's Dream*; *Eliz Henry IV, Part I*; *King Lear*; *The Tempest*. 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 Reading*.

In this class all students will be required to show that they have read one of the following novels: *Reeds: 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.**—(1940-41). Hours to be arranged.

Prerequisite.—English 2.

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

Text: Chaucer (ed. Robinson), *14 Middle English Reader* (Harcourt). Others to be arranged.

- 4. Nineteenth Century Literature.**—(1940-41). 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* (Wood). For Distinction: An essay on a subject assigned by the instructor.

**5. Nineteenth Century Literature.**—(1939-40). *Tu.* and *Tu.* at 11 a. m.

Prerequisite.—English 2.

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

Text Books: Carlyle; *Earlier Reviews* (ed. MacMechan). *Poetry of the Victorian Period* (ed. Wood).  
Reference Books: Saltsbury; *History of Nineteenth Century Literature*. Chambers; *Victorian Literature*. Elton; *Survey of English Literature, 1832-1880*.

For Distinction, as in English 4.

**6. Old English.**—(1939-40). *Hours to be arranged.*

Prerequisite.—German 1, or the equivalent.

Text Book: Anthon and Williams; *Old English Handbook*. Right translation from easy texts.

**7. Elizabethan Drama.**—(1940-41). *Tu.* and *Tu.* at 9 a. m.

Prerequisite.—English 2.

A close study of English dramatic literature from Lyly to Shirley (1586-1642), 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 Books: 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 1939-40. 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.**—(1940-41). *Tu.* and *Tu.* at 11 a. m.

Prerequisite.—English 2.

An historical survey of the development of Drama, with emphasis on Modern Drama.

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

**10. Advanced English Composition.**—(Not given in 1939-40). *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.**—(1940-41). *M.* and *W.* at 11 a. m.

Prerequisite.—English 2.

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

Texts: Sanders and Nelson; *Chief Modern Poets of England and America*.

**12. The History, Theory, and Methods of Literary Criticism.**—(1939-40). *Hours to be arranged.*

Prerequisite.—English 2.

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

Text Books: Saltsbury; *History of Literary Criticism*. Cost: *The Theory of Poetry in England*. Kohns; *The Principles of Literary Criticism: Practical Criticism*.

Texts: *English Critical Essays*, "World's Classics", 240, 266, 466.

**13. The History of the English Language.**—(1939-40). *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.**—(1939-40). *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.**—(1939-40). *Tu.* and *Tu.* at 9 a. m.

Text Books: Sturgis and Wood; *English Prose and Poetry, 1690-1800* (Bangston, Milton). For reference: Allen; *Essays in English Prose of the Eighteenth Century*.

**16. The English Novel since 1800.**—(1940-41). *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. 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.

**18. Old Norse.**—*Hours to be arranged.*

Text Book: Gordon; *Introduction to Old Norse*.

**Fine Arts.**

*Lecturer*..... Donald C. Mackay.  
*M. and W. at 3.30 p. m.*

This class, consisting of about fifty illustrated lectures, will give an outline of the development of sculpture, painting, architecture, and the minor arts, with an analysis of their structure and nature, and the introductory lectures will be related to Archaeology and the study of ancient art. The latter part of the term will be devoted chiefly to the evolution of creative art from medieval to modern times. A well-equipped library and many valuable photographs, colour prints and engravings have been presented by the Carnegie Foundation for the use of members of this class.

*Text Book:* *Gauche: Art through the Ages* (Harcourt, Brace).

**French: see Modern Languages.****Geology and Mineralogy.**

*Professor*..... G. Vibert Douglas.  
*Student Assistants*.....

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.**—*Lect.:* Tu., at beginning at 10 a. m. *Lab.:* Five hours per week to be arranged.

*Prerequisite.*—Geology 1.

3. **Petrology.**—*Lecture and colloquium:* Th., 10 a. m. to 1 p. m. *Lab.:* Five hours per week to be arranged.

*Prerequisite.*—Geology 1 and 2.

4. **Economic Geology.**—*Lectures and colloquium:* One colloquium 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.

**German:** see Modern Languages.

**Greek:** see Classics, Divinity.

**Hebrew:** see Divinity.

**Histology:** see Biology.

**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.**—(1939-40, and in alternate years).—  
*M., W. and F. at 10 a. m.*

*Prerequisite.*—History 1.

3. **Modern England.**—(1940-41, and in alternate years).—  
*M., W. and F. at 10 a. m.*

*Prerequisite.*—History 1.

4. **History of Europe since 1814.**—(1940-41, 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.**—(1939-40, 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.**—(1939-40, and in alternate years). *M. and W. at 2.30 p. m.*

*Prerequisite.*—Two classes in History.

7. **The Fourteenth Century.**—(1940-41, and in alternate years). *M. and W. at 2.30 p. m.*

*Prerequisite.*—Two classes in History.

8. **History of Canada to 1837.**—(1939-40, and in alternate years). *Tu. and Th. at 10 a. m.*

*Prerequisite.*—History 1.

9. **History of Canada since 1837.**—(1940-41, 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 3 or 9.

11. **History of the United States to 1865.**—(1940-41).—  
*M., W. and F. at 10 a. m.*

*Prerequisite.*—History 1.

12. **History of the United States since 1865.**—(1939-40).—  
*M., W. and F. at 10 a. m.*

*Prerequisite.*—History 1.



**13. A Period of Ancient History.—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 P. at 11 a. m.**

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

**Church History; see Divinity.****Latin: see Classics.****Law.**

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

Students seeking the degree of Bachelor of Commerce are required to take one class in Law.

**Mathematical Physics: see Physics.****Mathematics.**Professor..... Murray Macneil (Head of Dept.).  
Associate Professors..... J. G. Adshad, Charles Wainmsey.**1. Elementary Mathematical Analysis.—(1) M., W. and P. at 10 a. m.; (2) M., W. and P. 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 P. 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* (2nd ed.).**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). Whittaker: *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*.**5. 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 prerequisites. Each class meets two hours per week, at times to be arranged.

**1. Theory of Functions of a Complex Variable.—(1940-41)**

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. Knopp: *Funktionen Theorie*. MacRobert: *Functions of a Complex Variable*. Works by Osgood, Picard, Carathéodory, Whittaker and Watson, Pierpont, and others.

**2. Projective Geometry.—(1940-41).**

**Text Books:** Grassmann: *Introduction to Higher Geometry*. Heber: *Principles of Geometry*. Books by Young, Veitch and Young, Hays, Stauch.

**7. Theory of Functions of a Real Variable.—(1939-40).**

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*. Kestelman: *Modern Theories of Integration*. Tompki: *Series Trigonometric*. Flett: *Infinitesimal Series*. Works by Hobson, Borel, Zygmund, Lebesgue, Saks, Tonnesen, and others.

**12. Differential Equations.—(1939-40).**

This course will take up the work of differential equations as begun in Mathematics 3 and will include the solutions of certain partial differential equations and the solutions of the hypergeometric equations and the equations of Bessel and Legendre.

**Text Books:** Poincaré: *Differential Equations*. Bateman: *Differential Equations*. MacRobert: *Spherical Harmonics*. Hobson: *Spherical and Ellipsoidal Harmonics*. Gray and Mathews: *Treatise on Bessel Functions*.

If required other classes may be arranged, such as Mathematics 8, 9 and 10 below. Students wishing to attend any class of this nature should consult the Department of Mathematics.

**8. Differential Geometry of Curves and Surfaces.**

**Text Book:** Grassmann: *Differential Geometry*. Books of reference by Vallée Poussin, Goursat, Darboux, Eisenhart.

**9. Selected topics in Modern Analysis.****10. Non-Euclidean Geometry.**

**Seminar.—F. at 3.30 p. m., or times 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 Senior classes.

**Mechanics: see Engineering.****Medicine.**

Certain classes conducted by the Faculty of Medicine 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 Medicine.

**Modern Languages.**

Professor.....	François-René Gautheron. (Head of Dept.)
Professor.....	Lothar Richter.
Associate Professor.....	C. H. Mercier.
Lecturer.....	Geoffrey S. du Vesnet.
Special Lecturer.....	Johanna Richter.

**French.**

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

The University provides an instruction for beginners in French, but extra-merit classes will be formed, if a sufficient number of students apply, to provide instruction in French for matriculation.

- (1) Tw., Th. and F. at 9 a. m.; (2) Tu., Th. and F. at 11 a. m. Prerequisite.—Matriculation French.

**Text Books:** *Bevue* and *Caribbean: New French Review Grammaire and Composition Book* (Heath). *Donoue: Petit miroir de la civilisation française* (Heath). *Alfred de Vigny: Le casse de jure* (Heath). *Acromant: Ces dames aux chapeaux verts* (Ginn). *La Brève: Aimer quand même* (Heath). *G. Lénôtre: Le roi Louis XVIII et l'époque du Temple* (Crofts). *De Flets et de Callavaud: Princesse* (Heath).

- (1) Tu., Th. and F. 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. A course in phonetics is arranged and imperative for all students of French 2 whose pronunciation is faulty.

**Text Books:** *Fraser and Squair: Complete French Grammar*, Ch. M. des Granges; *Histoire de la littérature française*, Molière *L'Amant* (Pellicion's edition, Delagrave, Paris); *Le Bourgeois gentilhomme* (Soury's edition, Delain, Paris); *La Fontaine Fabliau* (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:** *Boileau: Satires*. *Fénelon: Dialogues des morts*. *Victor Hugo: Les poésies prose*. *Labiche: Le poudre aux yeux*. *Alphonse Daudet: Lettres de mon moulin*.

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

**Text Books:** *Le Sage: Gil Blas*. *Voltaire: Contes*. *Balzac: Eugénie Grandet*. *Alfred de Musset: Comédies*. *Stendhal: Le châtiment de Paris*. *Kastner and Marks: A new course of French composition*, Book III.

**Additional for Distinction:** *Vigny: Stello*. *Lamartine: Chefs-d'œuvre poétiques*. *Victor Hugo: Agnès de Noyers*. *A. Daudet: Fortin de Sarracoc*. *H. Bordeaux: Le moulin*.

## Senior Courses.

**4. History of French literature from the Renaissance to the beginning of the philosophic movement (1539-1653).** (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'œuvre poétiques du XVII<sup>e</sup> siècle* (Hatier). Ch. M. des Granges: *Morceaux choisis des auteurs français du XVII<sup>e</sup> siècle*. Censeille: *Horace*. Molière: *Le Misanthrope*. La Fontaine: *Fables* (Clément's edition). Racine: *Phédre*. Boileau: *Art poétique*.

Additional for Distinction: Molière: *Les Précieuses ridicules*. Bossuet: *Oratoire 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.**—(1940-41). 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: *Le 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.**—(1940-41). Tu. and Th. at 4.30 p. m.

Text Books: Ch. M. des Granges: *Morceaux choisis des auteurs français des XIX<sup>e</sup> et XX<sup>e</sup> siècles*. Chateaubriand: *Mémoires d'outre tombe*. Lamartine, by M. Levaillant (Hatier, Paris). Victor Hugo, by M. Levaillant (Delagrave, Paris). A. de Musset: *Lettres de Dupuis et Cotonet*. Sainte-Beuve: *Poésies romantiques* (selected articles). Sandeau: *Modesalités de la Solgère*. Loti: *Pêcheur d'Islande*. Jules Lemaitre: *Essai des rimes libres*.

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*. Faguet: *L'Art de lire*. Estanislé: *Tels qu'ils furent*.

**7. (a) Phonetics and Conversation.**—Two hours per week. Prerequisite: French 2.

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

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

Additional for Distinction: De Champ and Swedelin; *La France couronné* (Copp, Clark). F. C. Roe, *La France laborieuse*. Ardoin-Dumazet: *La France est traversée* (Heath).

## German.

**German 1A.**—(1) Tu., Th. and S. at 9 a. m.; (2) M., W. and F. at 12 m., and a fourth hour, in both sections, 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: Betz and Price: *Learning German* (American Book Co.). Winter: *Practical Talks* (Pittman). Knoch: *Deutsch-Englisch* (Crosby). Thoma: *Linguistische Grammatik* (Heath). *Practical French Talks* (Harrap).

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

Prerequisite.—Matriculation German.

Text Books: Burkhard: *Lesens Sie Deutsch* (Copp, Clark). Heyne: *L'Arabele* (Heath). Thoma: *Conversations*. Meyer: *Das neue Deutschland* (Heath). Geyrauer: *Praktische Deutsche* (Harrap). *Language Conversational Course*. *Practical French Talks* (Harrap).

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

Prerequisite.—German 1A or 1B.

Text Books: Chiles and Wier: *First Book in German* (Ginn). Burkhard: *Vier kleine Lustspiele* (Heath). Haug: *Die Karoline* (Deut.). Fella: *Reise Gedächtnis* (Heath). Collins: *Easy German Poetry* (Ginn). *Language Conversational Course*.

**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: Wied: *An Anthology of Scientific German* (Oxford Univ. Press).

**4. Conversation and Composition.**—Hours to be arranged. Prerequisite.—German 2, or equivalent.

**5. German Literature in the XVIIIth Century.**—(1939-40). Hours to be arranged.

Prerequisite.—German 2, or equivalent.

Poetry, prose and drama will be read. Among the dramas there will be: Lessing:  *Nathan der Weise*. Schiller: *Kabale und Liebe*; *Wallenstein*. Goethe: *Goetz von Berlichingen*; *Egmont*; *Faust I*.

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

Supplementary Reading for Distinction will be arranged individually.

**6. German Literature in the XIXth Century.**—(1940-41). Hours to be arranged.

Prerequisite.—German 2, or equivalent.

Of the dramatis of that period Kleist and Schöberl will be read, and of the narratives and lyrics, Eichendorff, Ostfried Keller, Conrad Ferdinand Meyer, Storm and Riel.

Text Books and in German 5.  
Supplementary Reading for Distinction will be arranged individually.

**7. German Contemporary Prose.—(1939-40). Hours to be arranged.**

Prerequisite.—German 2, or equivalent.

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

Supplementary Reading for Distinction will be arranged individually.

**8. German Mediaeval Literature.—(1940-41). Hours to be arranged.**

Prerequisite.—German 2, or equivalent.

**Spanish.**

**Spanish 1A.—Tu., Th. and S. of 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: Leavis and Mendigoye: *Elements of Spanish* (Heath); Pittaro and Green: *Progressive Spanish* (Heath); Fugester and Lutz: *Vamos a México* (Heath); Castilla and Spartzman: *Spanish Lengua* (Heath).

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

Prerequisite.—Matriculation Spanish.

Text Books: Hills and Ford: *Spanish Grammar for Colleges* (Heath); Robson: *Castilla Española* (Crest). Taboada: *Cuando Alguna* (Heath); *LinguaSpana Conversational Course*.

**2. M., W. and F. of 4.30 p. m.**

Prerequisite.—Spanish 1A or 1B.

Text Books: Crawford: *Temas Españoles* (Heath); Camba: *La Raza Vieira* (Heath); Adams: *Popular Spanish Reading* (Crest); *LinguaSpana Conversational Course*; *La Prensa* (Spanish newspaper).

**3. (1939-40). Tu. and Th. of 4.30 p. m.**

Prerequisite.—Spanish 2

Text Books: Crawford: *Un Viaje por España* (Heath); Loria: *Correspondencia Comercial* (Silver, Burdett); Wilkins: *An Overview of Modern Spanish Prose*; *LinguaSpana Conversational Course: Spanish*; *La Prensa* (Spanish Newspaper).

**4. (1940-41). Tu. and Th. of 4.30 p. m.**

Prerequisite.—Spanish 2.

Text Books: Rivers: *Libro de Temas Castellanos* (Heath); Lucia: *Correspondencia Comercial* (Silver, Burdett); Lundberg: *Letter de Mer* (Crest); Wilkins: *Antología de Cuentos Americanos* (Heath).

**5. History of the Spanish Language.—Three hours per week.**

Text Books: R. Menéndez Pidal: *Manual de gramática histórica española. Forma de uso Clásica castellana*, Madrid, 1924. *Burco: Mitología de nuestra idioma. Clásica castellana*, Madrid, 1922. Additional for Distinction: C. H. Grandjean: *An Introduction to Valgar Latin*. Old Spanish Readings (J. D. M. Ford).

**Music.**

Lecturer..... Harry Dean.

Music 1.—Harmony and Analysis of Musical Form.

Music 2.—History of Music, Appreciation of Music, Public School Music. Sight-singing and Ear-training.

These classes are given only if a sufficient number of students apply for them.

**Philology: see Classics, English Language, and Modern Languages**

**Philosophy.**

Professor..... H. L. Stewart (Head of Dept.)

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

**1. Logic and Psychology.—Tu., Th. and S. of 9 a. m.**

Text Books: Logic: Cognition: *Introductory Logic*. Psychology: Woodworth: *Psychology*, Third Edition.

**2. History of Greek Philosophy.—(1939-40). W. and F. of 3.30 p. m.**

Prerequisite.—Philosophy 1.

Text Books: Plato: *Republic*; *Phaedo*; *Apology*; *Theaetetus*. Aristotle: *Ethica*. Roger: *Selden's History of Philosophy*. Taylor: *Aristotle as He Preached*.

**3. Ethics.—(1939-40). Tu. and Th. of 11 a. m.**

Prerequisite.—Philosophy 1.

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

**4. History of Moral Ideas.—(1940-41). Tu. and Th. of 11 a. m.**

Prerequisite.—Philosophy 1.

Text Book: Locky: *History of European Morals*. Reference will frequently be made to Weyersmark: *Origin and Development of the Moral Idea*.

**5. Metaphysics.—(1940-41). Th. and S. of 10 a. m.**

Prerequisite.—Philosophy 1.

Text Book: Taylor: *Elements of Metaphysics*.

**6. History of Philosophy from Bacon.—(1940-41). W. and F. of 3.30 p. m.**

Prerequisite.—Philosophy 1.

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

**7. British Philosophy in the Nineteenth Century.—(1939-40). Th. and S. of 10 a. m.**

Prerequisite.—Philosophy 1.

**8. Philosophic Ideas in Literature.**—(1939-40). *W. and F.* of 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.**—(1939-40). *M. and W.* of 10 a. m.

Prerequisite.—Philosophy 1.

Text Books: McDougall: *Introduction to Social Psychology*. Allport: *Social Psychology*. Murphy and Newcomb: *Experimental Social Psychology*.

**3. Child Psychology.**—(1939-40). *M. and W.* of 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). Brooker: *Child Psychology*. Binet: *Psychology of Early Childhood*. Luffka: *Stages of the Mind*. Jelliffe: *Infancy and Juvenile Growth*. *Handbook of Child Psychology*, ed. Murchison.

**4. Abnormal Psychology.**—(1940-41). *M. and W.* of 10 a. m.

Prerequisite.—Philosophy 1.

Text Books: Fisher: *An Introduction to Abnormal Psychology*. Hollingworth: *Abnormal Psychology*. Doreus and Shaffer: *Foundations of Abnormal Psychology*. Shaffer: *The Psychology of Adjustment*. MacDougall: *Outline of Abnormal Psychology*.

**5. Psychophysical Problems.**—(1939-40). *Tu. and Th.* of 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 Matter*.

**6. History of Psychology.**—(1940-41). *Tu. and Th.* of 10 a. m.

Prerequisite.—Philosophy 1.

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

Reference Books: Boring: *History of Psychology*, 2 vols. Broad: *The Classical Psychology*. Murphy: *Historical Introduction to Modern Psychology*. Boring: *History of Experimental Psychology*. Woodworth: *Contemporary Schools of Psychology*.

**Physics.**

Professors..... H. L. Bronson (Head of Dept.), J. H. L. Johnstone, MacGregor Teaching Fellow..... E. A. Lewis, Harold R. Coish. Demonstrators.....

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 must be taken by all Engineering students. It should be taken by other students in Arts and Science who intend to major in Mathematics, Physics, or Chemistry.

**1. General Physics.**—*Lect.*: *M., W. and F.* of 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: Edridge: *College Physics*.

**2. Mechanics, Hydrostatics, Heat, Light and Sound.**—*Lect.*: *M., W. and F.* of 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: Kinball: *College Physics*, 2nd Edition.

**3. Electricity and Magnetism.**—*Lect.*: *Tu. and Th.* of 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: Kinball: *College Physics*, 2nd Edition. Timble: *Elements of Electricity*, 2nd Edition.

**4. Heat and Light.**—*Lect.*: *W. and F.* of 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.

Text Books: Neakke: *A Text-book of Light*. Hart: *An Introduction to Advanced Heat*.

**5. Physical Optics.**—(1940-41). *Lect.*: *Tu. and Th.* of 10 a. m. *Lab.*: *M., 2.30 to 5.30 p. m.*

Prerequisite.—Mathematics 2, Physics 4.

Text Books: Jenkins and White: *Fundamentals of Physical Optics*. Schuster: *Physical Optics*.

**6. Electricity and Magnetism.**—*Lect.*: *M. and W.* of 11 a. m. *Lab.*: *W., 2.30 to 5.30 p. m.*, or to be arranged.

Prerequisite.—Mathematics 2, Physics 2.

Text Book: Stratton: *Electricity and Magnetism for Advanced Students*.

**7. Thermodynamics and Kinetic Theory of Gases.**—*Lect.*: *Tu. and Th.* of 10 a. m. *Lab.*: *M., 2.30 to 5.30 p. m.*

Prerequisite.—Mathematics 2, Physics 4.

Text Books: Roberts: *Heat and Thermodynamics*. Losh: *Kinetic Theory of Gases*.

**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, radio activity, 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.

**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.***Physiology; see Biology.****Political Science.**

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

**1. Government of the British Commonwealth.**—M., W. and F. at 3.50 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*; Jennings; *The Law and the Constitution*; Cabot; *Government*; Mealy; *The Government of the British Empire*; Introduction to Constitutional Law. Kennedy; *Constitution of Canada*; Whitney; *The State of Wisconsin*; Hancock; *Survey of British Commonwealth Affairs*; *Problems of Nationality*. Dawson; *The Development of Dominion Status*, 1898-1916.

**2. International Relations and Problems.**—(1939-40) M., W. and F. at 12 m.

Prerequisite.—Political Science 1, or History 1.

Text Book: Schattschneider; *International Politics.*

Books recommended: Hirst; *The Law of Nations*. Mann; *Imperialism and World Politics*. Bayne; *Essays on Nationalism*. Webster and Herbert; *League of Nations in Theory and Practice*. Gathorne-Hardy; *A Short History of International Relations*. Simonds and Henry; *The Great Powers in World Politics*. MacKay and Rogers; *Canada Looks Abroad.*

**3. Comparative Government and Administration.**—(1939-40). Th. and F. at 3.50 p. m.

Prerequisite.—Political Science 1, or Economics I.

The United States, France, Switzerland and the Scandinavian countries will be studied as models of democracies; and Germany, Italy and Russia as models of totalitarian states.

Books recommended: Fieser; *Theory and Practice of Modern Government*. Beard; *American Government and Politics*. Muzio; *The Governments of Europe*. Sharp; *The Government of the French Republic*. Haggard; *The Government of Switzerland*. G. K. Pollock; *The Government of Greater Germany*. Fieser; *Mussolini's Italy*. S. and B. Webb; *Soviet Communism.*

**4. Constitution and Government of Canada.**—(1939-40). M. and W. at 2.30 p. m.

Prerequisite.—Political Science 1.

The course will be based largely on a study of cases and documents.

Books recommended: A. Brady; *Canada*. R. MacG. Dawson; *Constitutional Issues in Canada and The Civil Service of Canada*. W. F. M. Kennedy; *The Constitution of Canada*. R. A. MacKay; *The Unfinished Results of Canada*. J. A. Maxwell; *Federal Subsidies to the Provincial Governments in Canada.*

**5. Municipal Government and Administration in Canada.**—(1940-41). S. at 9 a. m. and another hour to be arranged.

Prerequisite.—Political Science I.

Legal background, form and functions of municipal government, relations between province and municipalities, selected problems of administration with special reference to Nova Scotia.

**6. Modern Political Theory.**—Not given in 1939-40.

Prerequisite.—Political Science I, and the consent of the Instructor.

A study of the principal political thinkers since Rousseau.

**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.)

10. **Introduction to Law and Legislation.**  
This class may be given in whole or in part in the Law School.
11. **Constitutional and Administrative Law.**  
This class may be given in whole or in part in the Law School.
12. **Problems of the British Commonwealth.**—Seminar course. *Hours to be arranged.*
13. **International Law.**—This class may be given in whole or in part in the Law School.
14. **History of Political Theory.**—(1939-40). *Hours to be arranged.*
15. **Problems of Public Administration.**—(1939-40). *Hours to be arranged.*

**Psychology:** see Philosophy.

**Spanish:** see Modern Languages.

**Sociology:** see Economics.

**Surveying:** see Engineering.

**Zoology:** see Biology.

**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, eight 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 14,000 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 30.

### 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 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 practicing 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 1939-40 will begin on Tuesday, September 12th, 1939, and end on Tuesday, December 19th, 1939. The second term of the session of 1939-40 will begin on Wednesday, January 3rd, 1940, and end on Tuesday, May 14th, 1940. The last day on which students can register for the work of this session is Monday, 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. 21), 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. 28). 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 completed 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. 26).

#### 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.—

One Term.—Bills and Notes, Bankruptcy, Insurance, Sales.

Both Terms.—Property II, Corporations, Equity I, Procedure I, Agency and Partnership.

##### Third Year.—

One Term.—International Law, Mortgages and Suretyship, Legislation, Equity II.

Both Terms.—Constitutional Law, 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 Classes of Instruction, p. 111 *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.

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.

\*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 classes in other faculties of the University, without special permission from the Faculty of Law.

#### 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.

A student failing to pass in more than two subjects of any year at the regular examinations must repeat his year.

A student failing to pass in not more than two subjects of any year at the regular examinations must pass a supplementary examination in such subject or subjects. For admission to the Second or Third Year a student must have passed the examinations in all subjects of the First and Second Years respectively, unless in exceptional cases special permission is given by the Faculty.

Supplementary examinations are held in the autumn on the dates specified in the University Almanac, and during the regular 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.

#### Medals and Prizes.

*For Scholarships and Prizes open to all students of the University see pp. 63-65.*

**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.

#### Loan Fund.

The Nova Scotia Barristers' Society has set aside \$500 as a Fund from which loans may be made to students registered in the Faculty of Law, upon terms contained in the regulations of the Society.

**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.....	250.00
and, to each student 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 19 and 20 for

**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.

**CLASSES 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; <i>Case on Contracts</i> . <i>Atlas: Contracts</i> . Pollock; <i>Contracts</i> . Title on <i>Contracts</i> , <i>Corpus Juris</i> .	

**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 Matfield; <i>History of English Law</i> . Matfield; <i>Form of Action</i> . Matfield and Moncreaf; <i>Sketch of English Legal History</i> . Jenks; <i>Short History of English Law</i> . Holdsworth; <i>History of English Law</i> .	

**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; <i>Case on Personal Chattels</i> . Robinson; <i>Reading on Real Property</i> .	

**Crimes.**

Lecturer.....	John Willis.
Two lectures per week, both terms.	
The class includes a study of the substantive law of Crimes and also Criminal Procedure.	
Text Books: Treveser; <i>Canadian Criminal Code</i> , Annotated. Crankshaw; <i>Criminal Code of Canada</i> .	

**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: Clark and MacDonald; <i>Case on the Law of Torts</i> . Salmon; <i>Torts</i> . Pollock; <i>Torts</i> . Willfield; <i>Torts</i> .	

**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 Will Act, Drafting and Interpretation of Wills, law of Landlord and Tenant, and Conveyancing.	

**Bills and Notes.**

Lecturer..... G. S. Cowan.

Two lectures per week, one term.

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, one term.

The class is based upon the Bankruptcy Act and the decisions thereon.

Text Books: Bradford and Greenberg: The Bankruptcy Act. Duncan and Bellay: 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. Manton and Fraser: Company Law. Wegerhoff: Canadian Company Law.

**Equity I.**

Lecturer..... G. F. Curtis.

Three lectures per week, one 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.

Three lectures per week, one term.

The class includes a study of the law governing the Sale of Goods.

Text Books: Falconbridge: Cases on Sales. Benjamin: Sale. Williston: Sales.

**Insurance.**

Lecturer..... F. H. M. Jones.

Two lectures per week, one term.

The class includes a study of the law governing the different types of Insurance.

**Procedure I.**

Lecturer..... Mr. Justice Archibald.

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. Hogg: Law of the Constitution. Keith: Constitutional Law of the Dominion. MacEwan: Contract on Constitutional Law.

**International Law.**

Lecturer..... G. S. Cowan.

Two lectures per week, one term.

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 Murray: International Cases. Hudson: Cases on International Law.

**Legislation.**

Lecturer..... John Willis.

Three lectures per week, one 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 Practices.

Text Books: McLachlan: Shipping. Mayers: Admiralty Law and Practice. Martindale: Collision of Sea. Lewison: General Average.

**Conflict of Laws.**

Lecturer..... G. S. Cowan.

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*.**Mortgages and Suretyship.**

Lecturer..... G. F. Curtis.

Three lectures per week, one 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, one 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 Doull.

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*. Phillips: *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* (Hallahan 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.

### Provincial Regulations.

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. Clazy Macpherson, 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. The courses in Physiology, Pharmacology and Biochemistry are conducted in the Medical Sciences Building, a modern structure erected in 1920 especially designed for teaching and research. 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 Clinic maintains a complete out-patient service and provides excellent facilities for the study of preventive medicine. The medical buildings are conveniently located in relation to one another, to the hospitals and to the Medical Library.

#### 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 Halifax

Infirmiry (150 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 provide ample 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 students of the third and fourth years attend the City Home, Halifax, for instruction in Clinical Medicine.

The final year is one of internship. In addition to the above mentioned hospitals the Faculty has approved the following for rotating internships: Camp Hill Military Hospital (250 beds), Nova Scotia Sanatorium, Kentville (355 beds), Aberdeen Hospital, New Glasgow (75 beds), St. Martha's Hospital, Antigonish (125 beds), Prince Edward Island Hospital, Charlottetown (110 beds), Saint John General Hospital, Saint John, N. B. (340 beds), the City Hospital, Sydney (65 beds), and St. Joseph's Hospital, Glace Bay (100 beds.)

#### The Medical Library.

In the spring of 1939 the new building for the Medical and Dental libraries was completed. This modern building was made possible through gifts received from the Honourable J. C. Tory, J. McE. Stewart, Esq., K.C., Dr. W. Inglis Morse, A. B. Wiswell, Esq., the Honourable W. H. Dennis, A. H. Buckley, Esq., and Dr. John Cameron. The library building is on the Forrest Campus convenient to the medical buildings and to the hospitals. It has a spacious reading room accommodating eighty readers. The system of open stacks is used. There is a collection of over 17,000 volumes and most of the medical periodicals of the world are subscribed for. It is in charge of a trained medical librarian.

The Library is open to all registered students of the University as well as to the practising physicians of the Maritime Provinces.

### 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. 30 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 1939-40 will begin on Tuesday, September 12th, 1939, (except in the fifth year, which begins immediately upon completion of the fourth year), and will end on Tuesday, May 14th, 1940. 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. vi.

### 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. Upon notice of acceptance to any class in the Medical School prospective students are required to deposit immediately with the Registrar the sum of \$25.00 towards fees.

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 Faculty. 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 Faculty. 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. 21-26.

### \*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. 129 *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.

**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; Physical Diagnosis; Pathological Psychology; Introduction to Clinical Medicine and Clinical Surgery.

**Third Year.** Pathology 2; Laboratory Medicine; Pharmacology; Practical Materia Medica; Physical Diagnosis; Preventive Medicine; Medicine and Clinical Medicine; Clinical Physiology; Toxicology; Psychiatry; Surgery and Clinical Surgery; Applied Anatomy; Ophthalmology and Otolaryngology; Radiology; Obstetrics and Gynaecology; Clinical Obstetrics and Gynaecology; Paediatrics.

**Fourth Year.** Preventive Medicine; Medicine, Clinical Medicine and Therapeutics; Medical Jurisprudence and Toxicology; Autopsies; Clinical Psychiatry; Surgical and Applied Anatomy; Surgery and Clinical Surgery; Anaesthesia; Urology and Dermatology; Ophthalmology and Otolaryngology; Radiology; Obstetrics and Clinical Obstetrics; Clinical Gynaecology; Clinico-Pathological Conferences; Clinical Physiology; Paediatrics; Medical Ethics.

\*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.

\* Students who have credit for elementary Psychology may be exempted from this course.

**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 "Classes of Instruction" (p. 129, *et seq.*). In all examinations the marks obtained at sessional tests and at Christmas examinations will be considered in computing the marks allowed in each subject at the spring professional examinations. The examinations in the various subjects will be held within the dates set in the University Almanac, and as posted on the Notice Boards, and are arranged as follows:

#### First Professional Examination.

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 Anatomy, Structural Neurology, Physiology, Biochemistry, Pathology and Bacteriology. Oral examinations are given in Anatomy, Physiology, Pathology and Bacteriology. Practical examinations in these subjects are given during the session.

#### Third Professional Examination.

A paper and oral in each of the following; Preventive Medicine, Pathology and Pharmacology; orals during the term in Obstetrics and Gynaecology; practical examinations during the term in Pathology and Laboratory Medicine; final oral examinations in Materia Medica.

#### Fourth Professional Examination.

One paper in each of the following subjects: Medicine in all its departments and including Therapeutics; Medical Jurisprudence and Toxicology; Psychiatry;



Surgery in all its departments and including Surgical Anatomy; Obstetrics and Gynaecology; Paediatrics. The examinations in Medicine, Surgery, 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: Medicine in all its departments and including Therapeutics; Surgery in all its departments and including Surgical Anatomy; Obstetrics and Gynaecology; also a practical clinical examination in each of Medicine, Surgery, 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 divisions, 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 p. 119].

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:—

- (1) Attendance as clinical clerks in the third and fourth years at the Victoria General Hospital, the Children's Hospital, the Halifax City Tuberculosis Hospital, The Halifax Infirmary and the Dalhousie Public Health Clinic.
- (2) Attendance 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.
- (3) Attendance on the post-mortem examinations conducted at the Pathological Institute over a period of at least eight months, during which instruction shall have been received in the methods of making such examination and in framing reports; also on the weekly clinico-pathological Conferences.
- (4) 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.
- (5) Attendance on a course of lectures on the relationship of dental conditions to medical practice and on an assigned number of clinics in dentistry.
- (6) Attained proficiency in vaccination against smallpox and prophylaxis against diphtheria.
- (7) Service for twelve months on rotating interne-ship at hospitals approved by the Faculty of Medicine.

### Supplementary Examinations.

The conditions under which supplementary examinations are allowed are set forth under "Admission and Grading" (p. 119).

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. 128).

### 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 recognized medical school or college 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 recognized medical school or college 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 faculiate Medicinæ Universitatis Dalhousianæ.

Ego, Doctoratus in Arte Medica titulo jam donatus, sacro coram Deo cordium scrutatore, sponte—me in omni grati animi officio erga Universitatem Dalhousianam ad extremam vitæ halitum perseveraturum, tum porro Artem Medicam caute et caste, et probeque exercitaturum et, quoad potero, omnia ad aegrotorum corporum salutem conducentia, cum fide procuraturum, quæ denique later mandandum visa vel audita sibi conveniant, non sine gravi causa vulgaturum. Ita preces mihi spontent adit Numen.

### Medals and Prizes.

For Scholarships and Prizes open to all students of the University see pp. 63-65.

**University Medal in Medicine.**—This medal will be awarded on graduation to the student with the highest standing, provided he has reached the high standard set by the Faculty for that purpose.

**The Dr. 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 1939-40, 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 1939-40, 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 \$35, 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 Nova Scotia.

**Anonymous Prize.**—A cash prize of \$25, from an anonymous donor, will be awarded to the student of the second year 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

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

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 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 installment 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.

#### Diagnostic Sets.

Each student on entering the fourth year of Medicine must provide himself with a Diagnostic Set approved by the Faculty (the set shall include ophthalmoscope, otoscope and laryngoscope). Other necessary accessories are:—stethoscope, flashlight, skin pencil, oral and rectal thermometers, sphygmometer, and hammer for eliciting reflexes. Two three-quarter length coats to be worn in the Hospital Wards are also required.

**For Examinations.**

An application for an examination must be accompanied by the proper fee.

Supplementary examinations, each subject.....\$ 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 M. D., C. M. Diploma (payable before the fifth year or final examinations and returnable in case of failure).... 20.00

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.**

**Cashier's Deposit**

**Laboratory Deposits.**

**Fee for Support of Student Organizations**

**CLASSES OF INSTRUCTION****I. Anatomy.**

Professor.....	Donald Mainland.
Assistant Professor.....	R. L. de C. H. Saunders.
Demonstrators.....	Clyde W. Holland, J. V. Graham (Applied Anatomy), C. M. Jones, K. M. Grant, (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—demonstrations by the Professor and Assistant Professor (Anatomy 1 and 2), 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.

Lecture demonstrations: Two hours per week. Practical Anatomy: Nine hours per week.

**Second Year.**—Upper Limb, Head and Neck, with review of First Year work.

Lecture demonstrations: 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 Book Required—Cunningham: *Manual of Practical Anatomy*. Recommended: Jamieson: *Companion to Manual of Practical Anatomy*. Grant: *Method of Anatomy*. Berry and Johnson: *Manual of Practical Anatomy*. McCreger: *Lawson of Surgical Anatomy*. Irvine: *Surgical Applied Anatomy*. For references—Cunningham's, Gray's, and Morris' Textbooks.

Presidential 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

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

tissues and organs of the human body, their development and primary functions.

Text Books: Schafer: *Essentials of Histology*. Poirson: *Normal Histology*, *Maxillo and Rhino: 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: Amy: *Developmental Anatomy*.

### Structural Neurology.

Professors..... R. J. Bean, Donald Mainland.  
Clinical Demonstrator..... J. W. Macintosh.

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. Clinical lectures are conducted at the Dalhousie Public Health Clinic.

Text Books: Ranvier: *Anatomy of the Nervous System*. Ramonon: *The Principal Nervous Pathways*. Looney: *Anatomy of the Brain and Spinal Cord*.

### II. Physiology.

Professor..... C. B. Wood.  
Assistant Professor..... Hugh Dawson.  
Demonstrators..... K. M. Grant, N. B. Coward.

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 in the first year, and consists of two lectures a week throughout the year and two laboratory periods a week during the second term.

1A. This course, given to the first year dental students, consists of the lectures of Physiology I with special laboratory work. 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 extra 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 1—Best and Taylor: *The Human Body*. Physiology 2—Best and Taylor: *The Physiological Basis of Medical Practice*. Barst: *Man's Physiology in Modern Medicine*.

Reference Books: Lamb: *An Introduction to Human Experimental Physiology*. Haggis: *Experimental Physiology*. Lewis: *Essays on the Principles of Human Physiology*. Wiggers and Taylor: *Human Physiology*. Wiggers: *Physiology in Health and Disease*. Wright: *Applied Physiology*. Howell: *Text book of Physiology*. Baccus: *Text book of General Physiology*.

### III. Biochemistry.

Professor..... E. Gordon Young.  
Assistant Professor..... R. D. H. Heard.  
Demonstrator..... Arthur F. McKay.

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 I 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 125.

Text Books: Hawk and Bergsoll: *Practical Physiological Chemistry*. Morrow and Sandstrom: *Biochemical Laboratory Methods*. Reference Books: Mathews: *Physiological Chemistry*. Wells: *Chemical Pathology*. Gorison: *Outline of Biochemistry*. Bodanck: *Physiological Chemistry*.

### IV. Psychology.

Associate 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: Bridger: *Psychology, Normal and Abnormal*.

### V. Pathology, Bacteriology and Parasitology.

Professor..... Ralph P. Smith.  
Assistant Professor..... Claude W. Taylor.  
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, five hours per week before Christmas and four hours per week in the second term, 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.

**Bacteriology.**

A course of lectures covering the general field of Bacteriology, Immunology and Parasitology is given in the second year.

A short course on the bacteria of the oral cavity is given to students of Dentistry only. Dental students are not required to take the lectures on Parasitology.

The laboratory work is designed to familiarize the student with the biological reactions and activities of bacteria.

The Department shares in the course in Laboratory Medicine described below.

Text Books: Pathology: Boyd or Muir. Bacteriology: Muir and Ritchie. Practical Bacteriology: Mackay and McCoskey. Parasitology: Belding. Clinical Diagnosis: Todd and Sanford, Nicholson, or Still.

**VI. Laboratory Medicine.**

A course of lectures and laboratory work, in the second term of the third year, given conjointly by the Departments of Biochemistry and Pathology. Instruction is given in the examination of sputum, stomach contents, faeces, blood, urine, exudates and transudates.

Each student is required to provide himself with a haemocytometer for this course.

Text Books: Todd and Sanford; or, Still: Clinical Diagnosis; or Nicholson: Laboratory Medicine.

**VII. Pharmacology.**

Associate Professor..... M. K. McPhail.  
Lecturer in Materia Medica..... G. A. Burbidge.  
Demonstrator.....

**Pharmacology.**—The course in Pharmacology, consisting of two lectures, one demonstration and two practical classes per week, begins after Christmas in the second year and is completed in the third year at the end of the first term.

Text Books: Casper: Pharmacology and Therapeutics; or, Soltmann: Manual of Pharmacology; or, Dixon: Manual of Pharmacology.

**Practical Materia Medica.**—This course, two hours a week, given in the second term of the third year, aims to provide an elementary knowledge of Materia Medica and prescription writing. As far as possible, instruction is imparted by means of practical laboratory exercises.

Text Books: Eggleston: Prescription Writing. American Medical Association: Useful Drugs. Hale White: Materia Medica.

**VIII. Physical Diagnosis.**

Practical instruction in the methods of examining patients is given to the students of the second and third years. The class is divided into groups for instruction purposes.

Text Books: Hutchings and Henney: Clinical Methods. Emerton: Physical Diagnosis. Cabot: Differential Diagnosis.

**IX. Preventive Medicine.**

Professor..... H. G. Grant.  
Professor of Epidemiology..... A. L. McLean.  
Statistical Assistant..... Jean A. Peabody.  
Assistant..... Marjorie E. Treffy.

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: Hens and Haldybrast: Text Book of Public Health. Alternatively: Parkes and Kennaway: Hygiene and Public Health. Curtis: Textbook of Hygiene. Romanus: Preventive Medicine and Hygiene. Fitzgerald: Principles of Preventive Medicine.

**X. Medicine.**

Professor..... K. A. MacKenzie (Head of Dept.).  
Associate Professor..... J. R. Corston.  
Assistant Professors..... T. M. Sieniewicz, G. R. Burns,  
C. W. Holland, J. W. Reid.  
Lecturers..... A. F. Miller, N. B. Coward.

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: Mackenzie: Principles of Medicine. Osler and Mace: Principles and Practice of Medicine. J. J. Conyngham: A Textbook of Medicine. Stovner: Principles of Medicine. Cecil: Text Book of Medicine. Price: Principles of Medicine. Beaumont: Principles of Medicine.

Reference Books: Osler: Materia Medica. Price: Principles of Medicine. Cowan and Ritchie: Diseases of the Heart. Campbell Thompson: Diseases of the Nervous System. Church and Parsons: Nervous and Mental Diseases. Colquhoun: Diseases of the Digestive System. Osler's Monographs. Sir Thomas Lewis: Diseases of the Heart. Beckmann: Treatment in General Practice. Bennett: Art of Treatment.

**XI. Clinical Medicine.**

Professor..... K. A. MacKenzie (Head of Dept.).  
Associate Professor..... M. J. Carney, J. R. Corston.  
Assistant Professors..... T. M. Sieniewicz, G. R. Burns,  
C. W. Holland, J. W. Reid.  
Clinical Instructors..... G. R. Burns, C. W. Holland, J. W. Reid,  
J. W. Macintosh, A. R. Merton.  
Demonstrators..... J. Rankine, J. W. Merritt.

A short introduction to Clinical Medicine is given to second year students.

In the third year the students are divided into small groups and receive clinical instruction at the Victoria General Hospital,

the Halifax City Tuberculosis Hospital, the Halifax Infirmary, and the Dalhousie Public Health Clinic. Clinical lectures are also given.

In the fourth year the students serve as clinical clerks at the Victoria General Hospital, the Halifax City Tuberculosis Hospital, and at the Dalhousie Public Health Clinic. Clinical conferences and lectures are conducted at the Victoria General Hospital. Out-patient Clinics in the specialities are attended in small groups at the Dalhousie Public Health Clinic. Students attend in small groups at the City of Halifax Hospital for Infectious Diseases.

**Clinical Physiology:** A course designed to show the students the application of physiology, biochemistry, and pharmacology to clinical medicine is given in the third and fourth years.

**Text Books:** Norris and Landis: *Diseases of the Chest and Principles of Physical Diagnosis*. Seifer and Moulter: *Manual of Physical and Clinical Diagnosis*. Ferris Stewart: *Diagnosis of Diseases of the Nervous System*. Sources: *Medical History and Case Taking*.

## XII. Therapeutics.

Clinical Therapeutics is taken up in the regular courses in Medicine. This work is supplemented by a series of demonstrations on electro-therapy, hydro-therapy, massage and clinical dietetics, given in the fourth year. Instruction in prescription writing is also given.

**Text Books:** Esmidt: *Medical Treatment of Disease*. Hare: *Practical Therapeutics*. Channing: *Modern Methods of Treatment*. David Campbell: *Handbook of Therapeutics*. Beckman: *Treatment in General Practice*.

## XIII. Medical Jurisprudence and Toxicology.

**Lecturers:** Frank V. Woodbury, M. K. McPhail.

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 and fourth years.

**Text Book:** Glanville: *Text Book of Medical Jurisprudence and Toxicology*.

## XIV. Psychiatry.

**Professor:** R. W. M. MacKay.  
**Assistant Professor:** A. R. Morton, J. W. MacIntosh.  
**Lecturers:** A. R. Morton, J. W. MacIntosh.

A course of didactic lectures dealing with the principal forms of Mental Diseases 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 and at the City Home, Halifax.

**Text Books:** Cole: *Mental Diseases*. Allevations: *Stoddard: Mind and Its Disorders*. Craig: *Psychological Medicine*.

## XV. Surgery.

**Professors:** H. K. MacDonald (Head of Dept.)  
J. G. MacDougall, G. H. Murphy  
**Associate Professor:** W. Alan Curry  
**Assistant Professors:** C. E. Kinley, V. O. Mader,  
N. H. Gosse, W. L. Muir.  
**Lecturers:** J. A. Noble, E. F. Ross, C. M. Bethune.

A course of lectures, two hours a week, on the general principles of Surgery, is given during the third year. Dental students are not required to take lectures on fractures of limbs.

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 bearing surgical cases discussed from the standpoint of diagnosis, operative procedure, and pathological findings.

**Applied Anatomy.**—A course in Anatomy is given in the third and fourth years dealing with those parts of the body subject frequently to surgical interference.

**Text Books:** Ross and Carlson, Thomson and Miles.

## XVI. Clinical Surgery.

**Professors:** H. K. MacDonald (Head of Dept.)  
J. G. MacDougall, G. H. Murphy  
**Associate Professor:** W. Alan Curry  
**Assistant Professor:** C. E. Kinley, V. O. Mader,  
N. H. Gosse, W. L. Muir  
**Clinical Instructors:** H. D. O'Brien, A. L. Murphy, J. A. Noble,  
E. F. Ross, C. M. Bethune  
**Demonstrators:** P. Weatherbe, G. L. Covert, H. D. Hebb,  
T. B. Acker, J. C. Acker,  
A. M. Marshall, J. W. Merritt.

A short course of clinical lectures is given in the second year. In the third year clinical lectures are held three times weekly. The students also receive clinical instruction in small groups at the Victoria General Hospital, the Children's Hospital, the Halifax Infirmary, and at the Dalhousie Public Health Clinic. A course demonstrating the application of bandages, splints, and other surgical appliances, the treatment of emergencies and minor surgery is also given.

In the fourth year the students serve as clinical clerks at the Victoria General Hospital, the Children's Hospital, and at the Dalhousie Public Health Clinic. They also attend clinical lectures and conferences. The course of Anaesthesia consists of a few lectures and practical instruction in groups of two at the Victoria General Hospital. Orthopaedic Clinics are held at the Children's Hospital and at the Dalhousie Public Health Clinic.

**XVII. Urology and Dermatology.**

*Professor*..... Frank G. Mack.  
*Instructor in Clinical Urology*..... G. A. Winfield.  
*Demonstrators in Clinical Urology*:... A. L. Murphy, J. W. Merritt,  
 J. Raymond MacLean.

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*: Eisenbruch and Hellock: *Urology*, 4th Ed.  
 Hebra: *Dermatology*. Hirsch: *Urology*. MacKenzie: *Diseases of the Skin*, 4th Ed. *Medical Diseases of the Eye*, 5th Ed. *Keen's Medical Clinico-Syphilology*, 2nd Ed.

**XVIII. Eye, Ear, Nose and Throat Diseases.**

*Professor*..... A. E. Donll, Sr., (Head of Dept.)  
*Associate Professor*..... H. W. Schwartz,  
*Lecturers in Ophthalmology*... H. W. Kirkpatrick, A. E. Donll, Jr.  
*Demonstrators*..... R. H. Stoddard, D. M. MacIsaac.

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*: Mac: *Diseases of the Eye*. LeVine: *Diseases of the Ear*. I. Shuman: *Head, Nose and Throat*. Macdonald: *Ophthalmology*. The *Ophthalmology of General Practice*. W. Wallace Morrison: *Diseases of Mouth, Throat and Ear*.

**XIX. Radiology.**

*Lecturer*..... S. R. Johnston (In charge of Department).  
 A short course of lectures on X-ray diagnosis and the therapeutics of x-ray and radium is given in the Third Year.

The students of the Fourth Year in groups of two receive twenty hours personal instruction in fluoroscopic demonstration, examination of films and the principals of radio-therapeutics.

**XX. Obstetrics and Gynaecology.**

*Professor of Obstetrics and Gynaecology*... H. B. Atlee (Head of Dept.)  
*Assistant Professor of Obstetrics and Gynaecology*... W. G. Colwell.  
*Lecturer*..... K. M. Grant.  
*Demonstrator of Practical Obstetrics*... P. A. Macdonald, Chief of Clinic.

**Obstetrics**: A course of lantern and moving picture demonstrations two hours per week is given to the third year. Similar advanced instruction is given to the fourth year, and in addition groups in the fourth year are given manikin demonstrations.

**Gynaecology**: In the third and fourth years instruction is given in prenatal care at the Public Health Clinic and at 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. Fourth year groups attend the Grace Hospital three times a week for rounds.

**Gynaecology**: A course of preliminary clinical instruction is given in the third year before Christmas at the Victoria General Hospital, after which they attend the general weekly clinic at that institution.

In the fourth year students attend the weekly general clinic and take group instruction at the Victoria General Hospital. Groups from this year also attend the Gynaecological clinic at the Public Health Clinic.

*Text Books*: *Obstetrics*: Egan: *Manual of Midwifery*. *Text Teachers: Midwifery*. Beck: *Obstetrical Practice*. *Gynaecology*: Ten. *Teachers: Diseases of Women*.

**XXI. Paediatrics.**

*Professor*..... M. J. Carney.  
*Assistant Professor*..... G. B. Wiswell.  
*Clinical Instructor*..... N. B. Coward, A. E. Murray.  
*Demonstrator*..... J. G. D. Campbell.

Lectures and clinical instruction begin in the third year. In the fourth year the students serve as clinical clerks at the Children's Hospital and at the Dalhousie Public Health Clinic. A course of weekly lectures is given in the fourth year.

*Text Books*: Griffiths and Mitchell: *The Diseases of Infants and Children*. Garrod, Baiter, Threshfield, Peterson: *Diseases of Infants and Children*. Brown and Tisdall: *Common Procedures in the Practice of Paediatrics*.



## 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.

### Provincial Regulations.

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 Dental Registrars.

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### 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.*

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

\*For information address Dr. A. J. Ross, Secretary of the Dominion Dental Council, Regina, Sask.

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. 30 and 31.

#### Academic Year.

The Academic Year consists of one session of eight months' duration. The session of 1933-40 will begin on Tuesday, September 12th, 1939, and end on Tuesday, May 14th, 1940.

No students will be admitted after noon of Monday, September 18th.

#### Degree.

The 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:

\*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 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 Degree.

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.

#### 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 in each of the following: Crown and Bridge Work and Ceramics, Operative Dentistry, Oral Surgery, Anaesthetics and Physical Diagnosis, Orthodontics, 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 Orthodontics, 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. 145).

**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 instru-

ments, 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. 63-65.*

**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. Oaxer 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 stu-

dents 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 in absentia at the Spring Convocation.....	10.00

See pages 18 to 20 for

Loan Funds.  
Caution Deposit.  
Laboratory Deposit.  
Fee for support of Student Organizations.

## CLASSES OF INSTRUCTION.

For the details of Classes in—

**Anatomy, and Histology and Embryology.**  
**Physiology.**  
**Biochemistry.**  
**Pathology and Bacteriology.**  
See p. 129 of 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:* Mack.

**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 Havenstock.

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. Faxon: *Preventive Dentistry*  
*Reference Books:* A. C. Faxon: *Mouth Hygiene*. Stillman and McCall: *Clinical Periodontia*. Borron and Miller: *The Practice of Periodontia*. Pickens: *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-

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

five 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: McCobe: *Operative Dentistry*.

Reference Books: G. V. Black, Ward, Marshall, Johnson, Kravagine 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 Pyorrhoes Alveolaris.

Reference Books: Engelmann and Wagner, Bushard and Inglis-Orban, Hanning.

### 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, Price.

### 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, Patten (as in Johnson's *Operative Dentistry*) Lischer.

### Oral Surgery, Anaesthesia 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 Cullen, 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: Hall.

Reference Books: McCardy, Thomson and Miles, Fry.

**Anaesthesia.**—General Anaesthesia will be taught along with Oral Surgery, ample opportunity being given for practical demonstrations.

Text Book: Buxton.

Reference Books: Lake, Struthers.

**Physical Diagnosis.**—A short course of lectures on systemic diseases related to Medicine.

### Exodontia and Radiology.

Professor..... G. R. Hennigar.

Demonstrators in the Adalt

Public Health Clinic..... G. R. Hennigar, I. K. Lubetsky,  
F. R. Duxbury, E. W. Barnstead.

**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, Thomas, 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, Thomas, Ogden.

### 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: *A modern Text Book of Prosthetic Dentistry.* Kennedy; *Partials Dentures.*

Reference Books: Prohara, Wilson, Campbell, Nichols.

### Crown and Bridge Work, and Ceramics.

Professor..... W. C. Ozner.

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: Dentzner.

Reference Books: Evans: *Crowns and Bridges.* Penco: *Crowns and Bridges.* Goshel: *Crowns and Bridges.* Lugo: *Ceramics.* Capon: *Ceramics.* Hornsted: *Ceramics.*

### Metallurgy.

Lecturer..... J. S. Bagnall.

Demonstrator..... 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, Rosenblat, Gibson.

### 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 17, 1935

##### Honorary Degree of Doctor of Laws

Ernest Barker, Litt. D., LL. D.	Cambridge, England.
Honourable Thane Alexander Campbell, M.A.	Charlottetown, P.E.I.
Honourable Albert Allison Dyar, LL. B., LL. D., K. C.	Fredericton, N. B.
George Daniel Finlayson, B.A.	Ottawa, Ont.
Colens Gordon Sidney Harrington, LL. B., K. C.	Halifax.
Albert George Hatcher, M.A., LL. D.	St. John's, Nfld.
Sir Walter Langton-Brown, Kt., M.A., M.D., Hon. D.Sc., F.R.C.P.	London, England.
James Aubrey Lippincott, B.A., M. D.	Nice, France.
Right Honourable Lord Macmillan, P.C., M.A., LL.B., LL.D., K.C., F.R.S.E.	London, England.
Honourable Angus Lewis Macdonald, B.A., LL.B., S.J.D., K.C.	Halifax.
Donald Alexander MacKae, M.A., Ph. D., K.C.	Toronto, Ont.
Walter Charles Murray, M.A., LL.D., F.R.S.C.	Saskatoon, Sask.
Alexander Ross, B.A.	Carroll's Corner, N. S.
Honourable George Herbert Sedgwick, C.M.G., B.A., K.C.	Ottawa, Ont.
Kenneth Charles Morton Sills, A.M., LL.D.	Brunswick, Maine, U.S.A.

#### Degrees Conferred Session 1937-38

##### Convocation May 17, 1935

\*—Degrees conferred during the session.

\*\*—In absentia.

##### Master of Arts

Arnold, George Peversham, B.A.	Sydney, C. B. Co.
Cummings, Margaret Mary, B.A. (Mt. St. V.)	Halifax.
de Cisternaro, Carmine Joseph, B.A.	Yarmouth.
**Downing, James Robert, B.A. (M.A.)	Oxford, Cumb. Co.
Evans, George Ronald, B.A.	Halifax.
Gesner, Evelyn Claire, B.A.	Halifax.
MacKensie, Wilson Campbell, B.A.	Baddeck, Vic. Co.
McLellan, Jean Walker, B.A.	Trevo, Col. Co.
Mercer, Malcolm James, B.A.	St. John's, Nfld.
Saban, Marjorie Mary, B.A.	Halifax.
Stewart, Samuel Edgar, B.A.	Halifax.
**Thomas, Charles Humbert, B.A. (U.N.B.)	Fredericton, N.B.

## Master of Science

Cunningham, Robert Leonard, B.Sc.	Halifax.
Dacey, John Robert, B.Sc.	Halifax.
Grant, Arthur St. Clair Goudge, B.Sc.	Halifax.
MacHattie, Lloyd Elliot, B.Sc.	Upper Caledonia, Guya. Co.
MacLean, John Harold, B.Sc.	Mahone Bay, Lun. Co.
Madlock, Frederick Bernister, B.Sc.	Carletonar, Nfld.
Ross, Donald Sutherland, B.Sc.	Scotabura, Pic. Co.
Thurlow, James Lionel Methers, B.Sc.	Luzenburg.

## Bachelor of Arts

**Campbell, Robert Henry	Dartmouth, Hfx. Co.
Clarkson, James Allan	Sydney Mines, C. B. Co.
Cox, Elizabeth Jane	New Glasgow, Pic. Co.
Cragg, Edward Francis	Halifax.
Daughines, Esther Christina	Halifax.
Delaney, Madeleine Margaret	Halifax.
Flynn, Winnifred Maude	Halifax.
Gallay, Bertha Grace	Glace Bay, C. B. Co.
Grant, John Webster	Halifax.
Harris, Walter Ruggles, (King's)	Beaver River, Digby Co.
Hirsch, Thomas Edward	Halifax.
Humphys, Chad Noel Milliner	St. Andrew's, N. B.
Hunt, Mary Harriet, (King's)	St. Eleanor's, P.E.I.
Legge, Lowell	Robinsons, Nfld.
LePage, Blais C.	North Rustico, P.E.I.
Levin, Pearl	Inverness.
Logie, Keith Burton	Satanstak, N. Y., U.S.A.
Lysal, Douglas Scott	Halifax.
Lynch, George Richard Kimberly	Digby.
*Macdonald, Ernest Warburton	North Quinny, Mass., U.S.A.
MacLean, Randolph Douglas	North Sydney, C. B. Co.
McMahon, James Rufus, (King's)	Halifax.
Martell, Frances Elizabeth	Halifax.
Martell, William Rigby, (King's)	Halifax.
Morracey, Margaret Emily	Halifax.
Munro, Helen Elizabeth	Halifax.
Mushkat, Lawrence Saveland	Halifax.
Prescott, Mary Agnes, (King's)	Bade Verre, N. B.
Putnam, James Murray	Truro, Cal. Co.
*Read, Royal Verne	Erie, B. C.
Reid, Mary Wilhelmina	Cassils, N. B.
Remby, Marjory Croft Banks, (King's)	West Dublin, Lun. Co.
Robertson, George Burnley	Halifax.
Robertson, Margaret Isabel, (King's)	Rawlin's Cross, St. John's, Nfld.
Schwartz, Margaret Kirk	Halifax.
**Sister Catherine Margaret	Rockingham, Hfx. Co.
**Sister John Elizabeth	Rockingham, Hfx. Co.
**Sister Joseph William	Rockingham, Hfx. Co.
**Sister Mary Leo	Rockingham, Hfx. Co.

Stevens, William John	Halifax.
Stewart, Herbert Leslie	Halifax.
Strong, Elinor, (King's)	Springhill, Cumb. Co.
Walker, Bernice Evelyn	Halifax.
Ward, Carl Gardner	Springhill, Cumb. Co.
Westmore, James Stuart, (King's)	Hampton, N. B.
Wiser, Margaret Clara	Glace Bay, C. B. Co.
Wswell, John Gordon	Halifax.

## Bachelor of Science

Archibald, William White	Sydney Mines, C. B. Co.
Bentley, Dorothy Constance	Charlottetown, P.E.I.
*Brittain, Jean Isabel	Saint John, N. B.
Coffin, Gerald Robert Alvah	Peninsular, Gaspé, P. Q.
Crosby, Adam Brown	Halifax.
Elliott, Lloyd George	Bridgetown, Anna. Co.
Ellis, Maxwell Mellor	Dartmouth, Hfx. Co.
**Fogo, Edward Macdonald	Halifax.
**Frankel, Leo Paul	New York, N. Y., U.S.A.
Geibart, Abe	New York, N. Y., U.S.A.
**Greenfield, Samuel	Arverne, L.I., N.Y., U.S.A.
Hiesler, Ronald Percy	Halifax.
Huddleston, Arthur Norman	Halifax.
Lawson, Nancy	Ottawa, Ont.
Lipton, Maurice	Halifax.
Macdonald, Austin Alexander	Whyosemagh, Inv. Co.
*MacKay, James Robert	Bedford, Hfx. Co.
McKnight, George Stanley	Campbellton, N. B.
MacQuarrie, William Richard	Victoria, P.E.I.
*Ormsiston, Arthur Wilfred, B.A.	Sydney, C. B. Co.
Parves, Archibald Henry Blair	Halifax.
Ritchie, Cicero Theodore	Dartmouth, Hfx. Co.
Hobb, Donald Stirling, B.A.	Bedford, Hfx. Co.
Shane, Arthur Gerald	Yarmouth.
Smith, John Robert Etnis, (King's)	Summerside, P.E.I.
*Spiro, Harold Maxam	New Glasgow, Pic. Co.
Walsh, James Philip	Halifax.
*Winter, Sidney Joseph	New York, N. Y., U.S.A.

## Bachelor of Commerce

Ambro, Delmar Joseph	Lower East Pubnico, Yar. Co.
Chernin, Mendel	Glace Bay, C. B. Co.
Davis, Lewis Herbert	Halifax.
Hattie, Russel Gus	Halifax.
Hurst, Roland Douglas	Halifax.
Marven, Joseph Avarad	Moncton, N. B.
Piercy, George Charles	Armdale, Hfx. Co.
Renoul, Harold Augustus	Halifax.

## Bachelor of Laws

Burchell, Charles William, B.A.	Halifax.
*Buckley, John Sarsfield	Halifax.
Cameron, John Ralph, B.A.	Halifax.
Cohen, Sheldon Myer, B.A.	Yarmouth.



Cook, William Thomas, B.Sc. (Mt. A.)	Moncton, N. B.
*Crease, James Douglas, B.A.	Halifax.
De Wolfe, Guy Carleton, B.A. (Acadia)	Oxford, Cumb. Co.
Hanway, James Albert, B.Sc. (St. F.X.)	Amherst, Cumb. Co.
Kiss, Leonard Arthur	Halifax.
McDonald, John Ferguson	Sydney, C. B. Co.
McIntyre, William Piffeld, B.A.	Sussex, N. B.
MacKegan, Ian Malcolm, B.A.	Halifax.
Parise, Thomas Babbitt, B.A. (Mt. A.)	Moncton, N. B.
**Rogers, Benson Audrey, B.A. (Tor.)	Welland, Ont.
Sheehan, Thomas Moran, B.A., B. Com.	Halifax.
Thorpe, Victor Newcombe, B.A. (Acadia)	Centreville, King's Co.

#### Doctor of Medicine and Master of Surgery

Balkin, Seymour Samuel, B.Sc.	Brooklyn, N. Y., U.S.A.
Barnhill, Brunswick Edward Wallace	Bayfield, N. B.
Beeber, Tobias	Brooklyn, N. Y., U.S.A.
*Bennett, Sidney Rhondah	Bell Island, Nfld.
Berkowitz, Sidney Bert, B.Sc.	Brooklyn, N. Y., U.S.A.
Brown, Bernard Marcus	Philadelphia, Penna., U.S.A.
Coady, Basil Kenneth, B.A.	Armdale, Hix. Co.
Deutch, Irvin, B.Sc.	New York, N. Y., U.S.A.
Dougan, Travis Sloop	Harvey Station, N. B.
Embree, William Hazen	Amherst, Cumb. Co.
Gold, Isadore Roy, B. Sc.	Glace Bay, C. B. Co.
Horowitz, Leo	Jersey City, N. J., U.S.A.
Josephson, George Frantell	Brooklyn, N. Y., U.S.A.
Lea, Richard Gordon	Victoria, P.E.I.
MacIsaac, Wilfred	Inverness.
MacIellan, Robert William, B.A.	Halifax.
Morse, Frank Winston, B.A. (Acadia)	Lawrencetown, Anns. Co.
Ramsey, Donald William	Moncton, N. B.
Ray, Wallace Moffatt	North Sydney, C. B. Co.
Ryan, Lewis Raymond, B.Sc.	Truro, Col. Co.
Siegel, Sidney James	Brooklyn, N. Y., U.S.A.
Simms, George Graham Griffiths, B.A.	Halifax.
Smith, Edward John, B.Sc.	Stediac, N. B.
Spurr, Helen Campbell, B.Sc.	Liverpool, Queen's Co.
Stentafoed, Thomas Gould	Carleton Place, Nfld.
Stewart, Chester Bryant, B.Sc.	Norboro, P.E.I.
Stoddard, Carl Creelman	Halifax.
Strong, Robert Russell	St. John's, Nfld.
Touming, Daniel Joerstad	Black's Harbour, N. B.
Trask, Carl Raymond, B.A., B.Sc. (Acadia)	Yarmouth.
Webster, John Alexander, B.Sc.	Yarmouth.
Wilkin, Leonard Emanuel, B.Sc.	Brooklyn, N. Y., U.S.A.

#### Doctor of Dental Surgery

Crummey, Owen William	Trenton, N. J., U.S.A.
Fruchter, George Joseph, B.S. (St. Francis)	Brooklyn, N. Y., U.S.A.
Harash, Weldon Eldridge	Halifax.
Lipton, Michael Meyer	New York, N. Y., U.S.A.
Millar, Ian Adams Livingstone	Springhill, Cumb. Co.
Rogers, Thomas Lewis	Yarmouth South, Yar. Co.
Schatz, Abraham Morris	Brooklyn, N. Y., U.S.A.
Scott, William Ronald	Halifax.
Sloane, Albert	East Orange, N. J., U.S.A.

#### Graduate Diploma in Education

Arnold, Frances Jean, B.A. (Mt. A.)	Kentville, King's Co.
Chisholm, Vera May, B.A.	Halifax.
Davis, Kathryn Ida, B.Sc. (Acadia)	Halifax.
Dexter, Reid Vincent, B.A.	Halifax.
Embree, Evelyn Marie, B.A.	Truro, Col. Co.
Faulkner, Katherine Elvira, B.A.	Halifax.
Kane, Ralph Waterman, B.A.	Halifax.
Joudrey, Helen Dorothy, B.A.	Mahone Bay, Lun. Co.
*McIntyre, Grace Frances, B.A.	Sussex, N. B.
*MacKay, Dunesa Hugh, B.A.	Glace Bay, C. B. Co.
MacKay, Isabel Leslie, B.A.	Pictou.
MacLeod, Lena Murray, B.A.	Dartmouth, Hix. Co.
Margison, Merton Everett, B.A.	Woodstock, N. B.
Murphy, Charles Walter, B.A.	Halifax.
Saffron, Leonard, B.A.	Springhill, Cumb. Co.
Trowbridge, Willis Joseph, B.A.	Chatham, N. B.

#### Licentiate of Music

Faulkner, Florence Edith Mary	Dartmouth, Hix. Co.
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#### Engineering

Hilton, Thomas Bradford	Yarmouth.
Hiseler, Ronald Percy	Halifax.
Huddleston, Arthur Norman	Halifax.
Lipton, Maurice	Halifax.
MacDonald, George Lloyd	Balmoral Mills, Col. Co.
*Petrie, Louis Adrian	Bell Island, Nfld.
*Proctor, John Bertrand Cresswell	Halifax.
Purves, Archibald Henry Blair	Halifax.

#### Pharmacy

Goddard, Raymond Athlyon	Dartmouth.
Hall, Margaret Alice	Halifax.
MacMillan, Helen Jean	Halifax.
Pollett, Arthur Raymond	Sydney, C. B. Co.

## HONOURS, PRIZES AND MEDALS

## Diplomas of Honour

English—High Honours	Helen Elizabeth Munro.
Mathematics—High Honours	Abe Gelhart.
Chemistry—High Honours	John Roderic Ennis Smith.
Classics—Honours (Advanced Course)	Douglas Scott Lyall.

## Diplomas of Distinction

Great Distinction	Lloyd George Elliott, John Webster Grant.
Distinction	Dorothy Constance Bentley, **Sister Mary Leo.

## Graduation Prizes and Medals

Governor-General's Medal	Lloyd George Elliott.
University Medals: Faculty of Medicine	Chester Bryant Stewart, B.Sc.
Avery Prize (First Distinction Graduate)	Lloyd George Elliott.
Eric Dennis Foreign Scholarship Medal, offered by the French Government, through the Halifax Branch of l'Alliance Française	John Webster Grant.
Carwell Prize (Highest standing in regular course in Law) 2nd yr.	George Barnley Robertson, William Pittfield McIntyre, B.A.
Sir Joseph Chisholm Prize (For Thesis)	**Beason Audrey Rogers, B.A. (Ter.)
Dr. A. F. Miller Prize (Highest standing in Tuberculosis)	Robert Russell Strong.
Dr. Frank Woodbury Memorial Prizes: Thesis	Michael Meyer Lipton.
Infirmary	Ian Adams Livingstone Miller.

## Other Prizes Won by Graduates

James Gordon MacGregor Fellowship in Physics	Lloyd George Elliott.
Public Administration Scholarships (1967)	1st Charles Humbert Thomas, B.A. (U.N.B.), 2nd Wilson Campbell MacKenzie, B.A.
National Research Council Scholarships: Studentship	John Robert Dacey, B.Sc.
Bursary	Allan Crickington Topp, B.Sc.

## ENTRANCE AND UNDERGRADUATE PRIZES

## Entrance Scholarships

George H. Campbell Memorial Scholarships	1st William Reginald Stubbs, 2nd Doris Claudine Hilchey.
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Mackenzie Scholarship	Lawrence McKim Road.
Sir William Young Scholarship	Eileen Lola Harris.
Elizabeth McKenna Scholarship	Helen Rosalie Parker.
Pictou Academy Scholarship	George Alexander MacLeod.
Prince of Wales College Scholarship	Charles Austin Reilly.
Memorial University College Scholarship	Herbert Blackall Morgan.

## Regional Scholarships:

First Division	Joan Sylvia Blackwood, Jeanne Isabel Forbes, Charles Ross Graham, Walter Kennedy Jones, Lloyd George Little, Myr Mendelson, Oscar Adrien Sandos.
Second Division	John Reginald Dingle, Marion Leez Arline Gaynor, John Weldon Grant, Walter Reynolds Lawson, Florence Ruth MacQuarrie.
Third Division	Elizabeth Eleanor Bligh, Eugene Harris Dowell, James Luttler Harrison, Helen Margaret Hatt, Harry Robinson Lawler, Marjorie MacIntosh, Charlotte Murdoch Sullivan.

## Undergraduate Scholarships and Prizes

Bruce Scholarship (1st yr. Arts and Science)	Marion Inez Arline Gaynor.
George H. Campbell Memorial Scholarship (1st yr. Arts and Science)	Myr Mendelson.
Mackenzie Scholarship (1st yr. Arts and Science)	Charles Ross Graham.
Allan Follick Scholarship (2nd yr. Arts and Science)	Helen Rosalie Parker.
North British Society Centennial Bursary (2nd yr. Arts and Science)	John Reginald Dingle.
Robert MacLellan Scholarship (Advanced Classics)	Julia Aurelia Swanburg.

<b>Bruce Bursary</b> (2nd yr. Arts and Science)	Doris Claudine Hickey.
<b>Khaki University Scholarship</b>	Wilfred Burchell.
<b>Hugh Graeme Fraser Memorial Prize in Advanced Chemistry</b>	John Carstairs Aarnd.
<b>Public Administration Scholarships</b> (Honours Course—2nd yr.)	Bruce Alexander Campbell, Alan Webster Macdonald, Charles Austin Reilly.
<b>Waverley Prize (Mathematics)</b>	Abe Gelbart.
<b>Katherine Buttenshaw Prize</b> (Advanced Mathematics)	Edward Augustine Lewis.
<b>Ross Stewart Smith Scholarship</b> (3rd yr. Arts and Science)	Harry Cron Kennedy
<b>Carwell Essay Prize (1st yr. Law)</b>	Housser, B.A. (U.B.C.)
<b>Carwell Prize (Regular Course in Law)</b>	1st yr. Stuart Clarke Lane, B.A., B.Com. (U.B.C.) 2nd yr. James Bryce Milner
<b>Vincent MacDonald Prize (2nd yr. Law)</b>	Benjamin Karrel.
<b>Professor R. J. Bean Prize (1st yr. Histology and Embryology)</b>	Lewis Benjamin Woolner.
<b>Professor John Cameron Prize</b> (1st yr. Anatomy)	Lewis Benjamin Woolner.
<b>Anonymous Prize (2nd yr. Anatomy)</b>	Harry Clyde Slade.
<b>Prize in Pathology</b>	Samuel Jacob Shane, B.Sc.
<b>Andrew James Cowie, M.D., Mem- orial Medal (4th yr. Obstetrics)</b>	David Lloyd Macintosh, B.A., B.Sc.
<b>Dr. John F. Black Prize (4th yr. Surgery)</b>	John Samuel Burley.
<b>Dr. Clara Odling Prize (4th yr. Medicine)</b>	Morris Gorkin, B.Sc. (C.C.N.Y.)
<b>Anonymous Prize (4th yr. Anatomy)</b>	David Lloyd Macintosh, B.A., B.Sc.
<b>No. 7 Stationary Hospital Benev- olent Association Prizes</b>	James Wilfrid Long, B.Sc. (St.F.X.) Wilfred Ernest Boothroyd, B.A. (M.A.) * Howard Robert Ripley, B.A. (M.A.)
<b>Dr. John Stewart Bursary</b>	1st Edwin Alvin Brown.
<b>Charles Bell Memorial Prize</b> (1st yr. Dentistry)	Philip Sinclair Christie.
<b>Dr. W. H. H. Beckwith Prize</b> (Operative Dentistry)	1st Philip Sinclair Christie, 2nd John Victor Tokosh.
<b>Nova Scotia Dental Association Prizes</b> (2nd yr. Dentistry)	Thomas Lewis Rogers.
<b>American Society for the Promo- tion of Dentistry for Children</b>	Thomas Lewis Rogers.
<b>Mallinckrodt Chemical Works Ltd. Prize (Pharmacy)</b>	Raymond Athlyon Goddard
<b>National Drug and Chemical Co. Ltd. Gold Medal (Pharmacy)</b>	Raymond Athlyon Goddard

**W. H. Dennis Prizes:**

Joseph Howe Poem Prize—1928	2nd Clifford Oswald Stewart
James DeMille Essay Prize— 1935	1st John Webster Grant, 2nd Leonard Arthur Kitz, John Weison Grant.
<b>Overseas League Essay Prize</b>	John Roderic Ernie Smith.
<b>Rhodes Scholarship</b> (For Nova Scotia)	Mose Osborne Morgan.
(For Newfoundland)	John Edward Henry Hallett.
<b>Daughters of the Empire Bursary:</b> (For Nova Scotia)	

## STUDENTS REGISTERED, 1938-39

## FACULTY OF ARTS AND SCIENCE

Allen, Frances Grace	Halifax.
Allen, Walter Wessell	Halifax.
Amire, Delmar Joseph, B.Com.	Lower East Pubnico, Yar. Co.
Anderson, Cyril Aubrey Scott	Lunenburg.
Anderson, Jean Winter	Moncton, N. B.
Anderson, Napier Benjamin	(K)Lunenburg.
Aznard, Bianche Audrey	Halifax.
Austoff, Otto Halmar	Kentville, King's Co.
Archibald, Arthur Kenneth	Lockeport, Shel. Co.
Arkie, Marion Jean	Halifax.
Armstrong, Florence Hamington	Halifax.
Arnold, John Caretains	Page East, Bermuda.
Arnoff, Rita Edna	Halifax.
Baird, Harold Guy	Richibucto, N. B.
Bair, Reginald Wilfred	Bethwood, Nfld.
Bailen, Henry Clair	Sydney, C. B. Co.
Bailen, Jean Thorne	New Glasgow, Pic. Co.
Bailen, Ralph William McKeen	Sydney, C. B. Co.
Bannon, Elizabeth Grace	Moncton, N. B.
Barkhouse, Velma Marguerite	Stewiacke, Col. Co.
Barnes, Melbourn Errol	Dartmouth, Hfx. Co.
Barnstead, Frank Edward	(K)Change Islands, Nfld.
Barratt, Ernest	Halifax.
Barrett, Allan James	Old Perlican, Nfld.
Bartholomay, Muriel Anne Gore	Dorchester, Mass., U.S.A.
Beasley, Harry Thiepval	Halifax.
Bell, John Kopt, B.Sc. (M.A.)	New Glasgow, Pic. Co.
Belyea, Elizabeth Frances, B.A.	Stanbat, Rich. Co.
Benoit, Marie Delveria	Arlibat, Rich. Co.
Benson, Rowena Jane	Bridgetown, Anna. Co.
Bethune, Robert William MacAskill	New Glasgow, Pic. Co.
Bigelow, Alan Eaton	Regina, Sask.
Black, Sidas Clark	Truro, Col. Co.
Blackwood, Joan Sylvia	Glace Bay, C. B. Co.
Bischoff, Jonathan Ewart	Truro, Col. Co.
Bligh, Elizabeth Eleanor	Kentville, King's Co.
Bloss, Robert Henry Neil	Halifax.
Boile, Kenneth Louis James	(K)Halifax.
Bowes, William Henry	Halifax.
Bradbury, William James	(K)Bay Roberts East, Nfld.
Brown, Roger Scott	Halifax.
Brownhill, Harold Elsworth	Halifax.
Brownhill, Hazel Armitage	Halifax.
Backley, Reald Douglas	Sydney, C. B. Co.
Bullock, Reginald Warren	(K)Bridgewater, Lun. Co.
Burch, David Emmett	Fort Lauderdale, Florida, U.S.A.
Burchell, Wilfred	Sydney Mines, C. B. Co.
Burgoyne, Mary Constance	Mahone Bay, Lun. Co.

(K) Enrolled in King's College.

Barns, Joseph Stanley	Halifax.
Burt, Arthur Sidney	Flat Islands, Bonavista Bay, Nfld.
Cahan, Freda Flint	Halifax.
Cahan, Jacqueline Flint	Halifax.
Caines, Eric Isaac	(K)Norris Point, Nfld.
Callow, Annie Melba	Farnboro, Cumb. Co.
Cameron, Douglas Roy	Halifax.
Cameron, Richard Francis	West Gore, Hants Co.
Campbell, Bruce Alexander	Dartmouth, Hfx. Co.
Campbell, Charles Oliver	Hopewell, Pic. Co.
Campbell, Margaret Florence	(K)Weymouth North, Digby Co.
Campbell, Mary Elizabeth	Halifax.
Campbell, Robert Henry, B.A.	Dartmouth, Hfx. Co.
Carey, Jean Elizabeth	Halifax.
Carroll, John Rogers	Halifax.
Chalmers, Reta Jean	Bathurst, N. B.
Charmas, John Herbert	Halifax.
Chernin, Solomon	Glace Bay, C. B. Co.
Childers, Anna Christobel	(K)Avonport, King's Co.
Christie, Daphne Elizabeth	Saint John, N. B.
Clark, James Carruthers	Summerside, P.E.I.
Cleveland, Eric Joseph	(K)Dartmouth, Hfx. Co.
Cochran, Charles Bruce Chambers	(K)Mahone Bay, Lun. Co.
Coffin, Eric Fulton	Montague, P.E.I.
Coffin, William Montague	Plaster Rock, N. B.
Coffyn, William Vernon	Moncton, N. B.
Cohen, Evelyn Leah	Yarmouth.
Cohen, Reuben	Moncton, N. B.
Colebourne, Graham Fraser	North Sydney, C. B. Co.
Corkum, Charlotte Louise	Lunenburg.
Corkum, Maxwell Fred Leopold	Lunenburg.
Corston, George Campbell	Halifax.
Cox, Elizabeth Jane, B.A.	New Glasgow, Pic. Co.
Cressman, William Mackay	Halifax.
Creighton, Austin McLennan	Tatamagouche, Col. Co.
Crockett, John Everett, B.A. (Acadia)	Halifax.
Cros, James	Harbour Grace, Nfld.
Crowe, James Bruce	Annapolis Royal, Anna. Co.
Crowe, William Burton	Maitland, Hants Co.
Cummings, Henry Hickman	St. John's, Nfld.
Cunningham, Joan Margaret	(K)Bedford, Hfx. Co.
Currie, James Roy	Halifax.
Cushing, Lloyd Victor	Bedford, Hfx. Co.
Daley, Alice Margaret	Bangor, Maine, U.S.A.
Daley, Laurence Fredrick	Halifax.
Dalrymple, Whitney Barnes	Bridgetown, Anna. Co.
Dalton, William Lloyd	Halifax.
Dauphinee, Esther Christina, B.A.	Halifax.
Davidson, Gordon Alexander	Halifax.
Davis, Burnley Howar	New Westminster, B. C.
Davis, Murray McCulloch	Shelburne.
DeBlota, Thomas Melville	Truro, Col. Co.
	Fort Lauderdale, Florida, U.S.A.

(K) Enrolled in King's College.

DeLaney, Madeleine Margaret, B.A.	Halifax.
DeLa Tour, Charles Willis	Windsor, Hants Co.
DeLoachy, Mack Emmett Lawrence	Halifax.
Dennis, Deesen Ruth	Ottawa, Ont.
Denamore, John George	(K)Dominion, C. B. Co.
DeVan, John Vincent	Dartmouth, Hfx. Co.
Dickey, Roderick Gordon	Halifax.
Dickie, Ronald Campbell	Five Islands, Col. Co.
Dimock, Robert Clarence	Windsor, Hants Co.
Dingle, John Reginald	Halifax.
Dixon, Kathleen Pearl	Halifax.
Doull, James Alexander	Halifax.
Doug, Mary Elisabeth	Halifax.
Dowden, Charles Barclay	Halifax.
Dowell, Eugene Harris	Halifax.
Doyle, Charles Edward	Moncton, N. B.
Drayton, Gordon Edward	Halifax.
Driften, Hubert Thomas	(K)Chatham, N. B.
Duchemin, June	Sydney, C. B. Co.
Dunbar, Arthur Webster	St. Charles, Pic. Co.
Dunbrack, Charles Edward	(K)Halifax.
Dunham, Donald Francis	Halifax.
Dunn, Andrew Fletcher	Sydney, C. B. Co.
Dunn, Elizabeth Claudine	St. Andrew's, N. B.
Dunsmore, Robert James Couleson	(K)Dartmouth, Hfx. Co.
Dunsworth, Francis Alfred	Halifax.
Dyer, Bainhi Elizabeth	(K)Halifax.
Edwards, George Robert	Halifax.
Eisenhauer, Harry Macdonald	Lower Lalfave, Lun. Co.
Eisenhauer, Martin Albert	Lunenburg.
Elliott, Lloyd George, B.Sc.	Bridgetown, Anna. Co.
Embre, Ainslie Thomas	Port Hawkesbury, Inv. Co.
Emmerson, Hibbard Randall	Dartmouth, Hfx. Co.
Ernst, Scott Leonard	Halifax.
Ervin, Arthur Hines	Stowfacks, Col. Co.
Evans, John Kevin	St. John's, Nfld.
Evans, Madeleine Jean	Halifax.
Faulkner, Fred George	Halifax.
Faulkner, Ruth Shirley	Halifax.
Fay, Donald Barbeck	Halifax.
Fennell, Francis Carroll	Halifax.
Ferguson, Clarence Howard	Stellarton, Pic. Co.
Ferguson, Vera Lillian	Halifax.
Ferguson, William Mackay	Glace Bay, C. B. Co.
Finck, Donald Charles	Halifax.
Findley, Kenneth Marryatt	Halifax.
Finley, Russell Allen	Halifax.
Firth, James Allan Glynn	Pointe à la Garde, Bonaventure, P. Q.
Flewelling, James Edmund	(K)Saint John, N. B.
Fosyth, Alfred Stuart	(K)State Island, New York, N. Y., U.S.A.
Foster, George Kendall	Halifax.
Foster, John Stanton	Halifax.

(K) Enrolled in King's College.

Foster, Mary Elizabeth	Halifax.
Frankish, Robert Winfield	Toronto, Ont.
Fraser, Abraham Lincoln	(K)New Glasgow, Pic. Co.
Fraser, Clarence MacIntosh	Hamburg, Korea.
Fraser, Frederick Ralph	Halifax.
Fraser, John Stiles	Hamburg, Korea.
Fraser, Kenneth Archibald	Whycocomagh, Inv. Co.
Fraser, Murray Ferguson	Lunenburg.
Fraser, Rowland Cardwell	(K)St. Stephen, N. B.
Fuller, John Lewis Parker	Shelburne.
Fullerton, Samuel George Burke	(K)Dartmouth, Hfx. Co.
Furlong, Joan	(K)Halifax.
Gardner, Allan Drayton	Brooklyn, Queen's Co.
Garland, Archibald Allan	St. John's, Nfld.
Gaum, David	Sydney, C. B. Co.
Gavell, Margaret Louise	(K)Sydney, C. B. Co.
Gaynor, Marion Ines Arline	McAdam Junction, N.B.
Geddes, Helen Ruth	Halifax.
Geldert, Marjia May	Lunenburg.
Gilbert, Harvey Hunt Trott	(K)Somerset, Bermuda.
Gilbert, Seymour Martin	Malverne, L. I., N. Y., U.S.A.
Gillatt, Elizabeth Ellis	(K)Wabana, Nfld.
Gillatt, Jean Ruggles	(K)Wabana, Nfld.
Gillis, Sidney Alexander	Ottawa, Ont.
Gillis, Thomas Jeffrey Knight	Sydney, C. B. Co.
Glass, Frances Mary	(K)Halifax.
Gold, Miriam	Glace Bay, C. B. Co.
Golden, Laura Evelyn	Halifax.
Goodman, Norda Roslyn	New Glasgow, Pic. Co.
Goodman, Rose Jett	New Glasgow, Pic. Co.
Gordon, Charles Alexander	(K)Campbellton, N. B.
Gordon, Isaac	Halifax.
Gordon, John Abraham	Cause, Guys. Co.
Gorham, Margaret Helen	Halifax.
Gould, Inez Corinne	Halifax.
Gould, Wendell Murray	Halifax.
Graham, Bernard Frederick	Halifax.
Graham, Charles Ross	Kentville, King's Co.
Graham, Donald Vye	Halifax.
Graham, Margaret Alice	Upper Tantallon, Hfx. Co.
Graham, Ruth Woodford	Upper Tantallon, Hfx. Co.
Grant, Harry James Askew	Halifax.
Grant, Helen Edna Winnifred	Parrsboro, Camb. Co.
Grant, John Weldon	Surey, Bras. Pic. Co.
Gray, Charles Leaver Roof	New Glasgow, Pic. Co.
Guidice, David Cunningham	Halifax.
Guy, Frederick Hayward	Carbonear, Nfld.
Hagen, George Martell	Halifax.
Haines, Victor Yelverton	Halifax.
Hamilton, Katherine B.A., M.A.	Halifax.
Hanson, Leonard Brenton, B.A.	Halifax.
Hanson, Daniel Graham	St. Andrew's, N. B.
Harrison, Doris Lillian	(K)Dartmouth, Hfx. Co.

(K) Enrolled in King's College.

Harrison, Evelyn Mary	Windsor, Hants Co.
Harrison, James Littler	Dartmouth, Hfx. Co.
Harrison, Heta Lillian	Halifax
Hart, Alexander Henry	Dartmouth, Hfx. Co.
Harvey, Leonard Morton	Buddeck, Vic. Co.
Harvey, Margaret Elizabeth	Halifax
Harvey, Vivian Marie	Buddeck, Vic. Co.
Harvey, William Grant	Halifax
Hatfield, Byron Maxwell	Halifax
Hatfield, Leonard Fraser	(K) Port Greville, Cumb. Co.
Hatt, Helen Margaret	Imperial, Hfx. Co.
Hayman, Mary Anita	London, Ont.
Haythorne, Ruth Irene, B.A. (McGill)	Halifax
Hazen, Frank Croughan	Saint John, N. B.
Hendry, James McLeod	Halifax
Hendry, Phyllis Whitman	Halifax
Henseberry, Gerald Owen	Halifax
Hennigar, Gordon Ross	Halifax
Herschorn, Peter Oecher Selig	Halifax
Hicks, Catherine Donalds	Halifax
Hilebey, Doris Claudine	Halifax
Hilebey, Harry St. Clair	Halifax
Hiltz, Catherine Grace	(K) Halifax
Hinck, Arthur Thomas	Halifax
Hinck, Lily Michael	Sydney, C. B. Co.
Hiselet, Gordon Waldard	Halifax
Hoffman, Martin Mendal	Saint John, N. B.
Holden, Lindsey Guy	Halifax
Holdsworth, Audrey Elizabeth	Digby
Hollett, Andrew, R. Se.	Broad Cove, B.D.V., Nfld.
Holmes, Mary Eleanor Sherman	(K) Halifax
Hopgood, Audrey Kathleen	Halifax
Horne, Lawrence Fraser	Woodside, Hfx. Co.
Howard, Paul Sherman	(K) Saint John, N. B.
Howse, William Palmer	Carboneau, Nfld.
Hubley, Allan Murray	Dartmouth, Hfx. Co.
Hubby, Owen Glen	Halifax
Huddleston, Isabel Elizabeth	Halifax
Humphrys, Chad Noel Mullner, B.A. St. Andrew's, N. B.	
Ibsen, Norman Lynton	Halifax
James, Alan MacKenzie	Halifax
Johnson, Dorothy Ross, B.A.	Great Village, Col. Co.
Johnson, Frank Marvin	New Glasgow, Pic. Co.
Johnston, Robert Cyril	Halifax
Jones, James Harvey	Dartmouth, Hfx. Co.
Jones, Walter Kennedy	(K) Liverpool, Queen's Co.
Karsh, Ralph Louis	Mattapan, Mass., U.S.A.
Keays, James Fraser, B.A. (Mt.A.)	Newcastle, N. B.
Kiessl, George Charles	Fredericton, N. B.
Kind, George Ederis	Newark, Notts, England.
King, Archibald MacFarlane	Lockport, Shel. Co.
Kinley, Gordon Johnson	Halifax
Kirkpatrick, Shirley Marie	Halifax

(K) Enrolled in King's College.

Korning, Sven Aage	Copenhagen, Denmark
Koven, Joseph	West Saint John, N. B.
Lacey, Francis Walter	Kinsman's Corners, King's Co.
Laing, John Haskell	Barrington, Shel. Co.
Lalton, Ralph Clarence	San Fernando, Trinidad, B.W.I.
Lane, James Edison	(K) West Saint John, N. B.
Lane, Phyllis Hutchinson	(K) West Saint John, N. B.
Langille, Robert Carden, B.Sc. (St. F.X.)	Yarmouth
Lauder, Harry Robinson	Partridge Island, Saint John, N. B.
Lawson, Walter Reynolds	Saint John, N. B.
Leggs, Lowell, B. A.	Robinsons, Nfld.
Leighton, Claude Moore	(K) Moncton, N. B.
LeVatte, Woodrow Wilson	(K) Sydney, C. B. Co.
Levick, Naomi	Halifax
Levy, Chester Monson	Halifax
Lewis, Edward Augustine	Centreville, King's Co.
Lewis, George Donald	Louisburg, C. B. Co.
Lewis, William Ralph	Louisburg, C. B. Co.
Lindsay, Agnes Muriel	Middle Musquodoboit, Hfx. Co.
Linkletter, Alfred MacLean, B.A.	Northam, P.E.I.
Linkletter, Zilpha Jean	Summerside, P.E.I.
Little, Lloyd George	Campbellton, N. B.
Little, Marion Christina	Halifax
Littlejohns, Donald Graham	Petite Riviere, Lun. Co.
Logan, William Arthur	Dartmouth, Hfx. Co.
Lohnes, Mona Jean	Halifax
Longard, Everett Carl	Halifax
Lucas, Roy James, E.A.	Guyboro
Lugar, William Rand	Bedford, Hfx. Co.
Lynan, Josephine Berteaux	Fredericton, N. B.
Lyons, Robert William	(K) Glace Bay, C. B. Co.
McAlden, Christopher Samuel Wilson Anderson, N. B.	
MacAloney, Halliburton Jameson	Five Islands, Col. Co.
MacAskill, Margaret Fraser	Halifax
McCarty, Christine Elizabeth	West Lubec, Maine, U.S.A.
MacCosh, Earl Burgess	Pictou
McCurdy, Elizabeth	Sydney, C. B. Co.
MacDonald, Alan Webster	Kentville, King's Co.
MacDonald, Alexander Jean Westworth	Sydney, C. B. Co.
MacDonald, Anna Gertrude	Halifax
MacDonald, Earle Richard	Halifax
MacDonald, George Aeneas	Charlottetown, P.E.I.
MacDonald, Hugh Neil, B.Sc.	Heatherdale, P.E.I.
MacDonald, Jean	Moncton, N. B.
MacDonald, John Angus	Calgary, Alta.
MacDonald, John Harold	Bridgetown, Pic. Co.
MacDonald, Lawrence Martin	Hamilton, Ont.
MacDonald, Margaret Isabella	Moncton, N. B.

(K) Enrolled in King's College.

MacDonald, William Clarke	Westville, Pic. Co.
MacDonald, William Douglas	Moncton, N. B.
McGillivray, Joseph Irving	Amburst, Cumb. Co.
McGonaght, Mary Elen	Saint John, N. B.
MacHattie, Harvey Donald	Tientsin, China.
MacHattie, Leslie Blake	Webster, Hontan, China.
MacInnes, William John	Halifax
MacIntosh, Carmen Norman	Dartmouth, Hfx. Co.
MacIntosh, Ian Harris	Halifax
MacIntosh, June Lorraine	Dartmouth, Hfx. Co.
MacIntosh, Marjorie	Waverley, Hfx. Co.
McKay, Arthur Ferguson, B.Sc.	Truro, Col. Co.
(McGill)	
McKay, John James	New Glasgow, Pic. Co.
McKay, William Ronald	Pictou
McKean, Douglas Bruce	Westworth Centre, Cumb. Co.
MacKeigan, Donald Sellers	Halifax
McKenzie, Agatha Grace	Sydney, C. B. Co.
MacKenzie, Alexander Carl	Glace Bay, C. B. Co.
MacKenzie, Daniel Murray	Stellarton, Pic. Co.
MacKenzie, Donald Edwin	New Glasgow, Pic. Co.
MacKenzie, Dorothy Irene	Halifax
MacKenzie, Ethel May	Halifax
MacKenzie, Ian Angus Blackhard (K)	Tolmorden, Ont.
MacKenzie, James Donnelly	Stellarton, Pic. Co.
MacKimmie, Ross Anderson	Sydney, C. B. Co.
McKnight, George Stanley, B.Sc.	Campbellton, N. B.
MacLaren, John Andrew	Saint John, N. B.
MacLean, John Neil	Orangevale, Inv. Co.
Maclean, Marjorie Jessie	Halifax
MacLellan, David Kirkpatrick Stewart	Halifax
MacLellan, Hugh John	Sydney, C. B. Co.
MacLellan, James Archibald	Rawdon Gold Mines, Hants Co.
MacLellan, Robert Gordon Primrose	Lunenburg
MacLeod, George Alexander	Scotsburn, Pic. Co.
MacLeod, George Dewar	Halifax
MacLeod, George Donald	St. George's, N. B.
MacLeod, Lawrence Melville	Imperial, Hfx. Co.
MacLeod, Nicholas Williams	Sydney, C. B. Co.
MacLeod, Roy Condon	Halifax
MacMahon, Genevieve Evelyn	Digby
McManus, Andrew Edward	Halifax
MacMillan, Ernest Farsane	Sydney, C. B. Co.
MacMillan, Margaret Catherine	Halifax
MacNeil, James Cameron	New Glasgow, Pic. Co.
MacPherson, Daniel Wallace	Valleyfield East, P.E.I.
MacQuarrie, Florence Ruth	Moncton, N. B.
MacQuarrie, William Richard, B.Sc.	Victoria, P.E.I.
MacQueen, Stanley George	Port Morison, C. B. Co.
Mack, Frank Gordon	Halifax
Mack, Margaret Augusta	Halifax
Mader, Charles Edward	Halifax
Mader, Eileen Brunswick	Halifax

(K) Enrolled in King's College.

Mahon, Douglas Haig	Halifax
Maitland, Robert Reid	Vancouver, B. C.
Maisoin, Donald Andrew	Saint John, N. B.
Malcolm, Frederick William	Dartmouth, Hfx. Co.
Mallam, George Elwyn	Heart's Content, Trinity Bay, Nfld.
Manning, Marjorie Eileen	Halifax
Manuel, Wallace Graham	Exploits, Nfld.
Margolin, Samuel	Fredericton, N. B.
Marsh, Doris Patricia	Halifax
Marshall, Herbert Anselm	Dartmouth, Hfx. Co.
Marshall, Margaret Louise	Halifax
Marsden, John Francis, B.A.	Dartmouth, Hfx. Co.
Martell, Frances Elizabeth, B.A.	Halifax
Martin, Ernest Vincent	(K) Saint John, N. B.
Matheson, Charles Daniel	Hopewell, Pic. Co.
Matheson, James Parker	Brentwood, Col. Co.
Meagher, George Vincent Joseph	Halifax
Meagher, Neil Nicholas	Halifax
Meager, Edna Louise	Campbellton, N. B.
Mercer, Arthur Henry	Halifax
Merchant, Robert Thomas Peter	Halifax
Meriel, Margaret Isabella	Halifax
Messervey, William Albert	Halifax
Miles, Charlotte Audrey	Charlottetown, P.E.I.
Miller, George Hugh	St. Andrew's, N. B.
Milligan, James Edgar	(K) Baddeck, Vic. Co.
Milne, Gladys Belle	Dartmouth, Hfx. Co.
Milne, Ruth Evelyn	Dartmouth, Hfx. Co.
Mitchell, Earl Marshall	Halifax
Mitchell, Kenneth Roscoe	Dartmouth, Hfx. Co.
Moherly-Brine, Charles	(K) Portsmouth, N. H., U.S.A.
Moffat, Robert Elmer, B.A.	Elgin, Man.
(McMaster)	
Moore, Edith Louise	(K) Dartmouth, Hfx. Co.
Moore, Margery Kate	Dartmouth, Hfx. Co.
Moore, Marjorie Frances	Halifax
Morash, Lewis Gerald	Imperial, Hfx. Co.
More, John Frederick	Liverpool, Queen's Co.
Morgan, Herbert Blackall	Sunnyside, Trinity Bay, Nfld.
Morgan, Moss Osborne	Sunnyside, Trinity Bay, Nfld.
Morison, Margaret Gene MacGregor, B. A.	Halifax
Morell, Mary Isabel	Amburst, Cumb. Co.
Morris, Edmund Leverett	Halifax
Morrison, Joy Henrietta Helen Hunter	(K) Halifax
Morse, Almsira Bernice	Paradise, Anns. Co.
Mountain, Murray Archibald Forbes	Halifax
Muldowney, Rita Mary	Witless Bay, Nfld.
Munro, Kenneth Bain	Halifax
Murphy, Charles Walter, B. A.	Halifax
Murphy, Raymond Herbert	(K) Halifax
Murray, Barbara Allan	Dartmouth, Hfx. Co.

(K) Enrolled in King's College.

Murray, Gordon MacGregor	Sydney, C. B. Co.
Murray, Robert Bruce	New Glasgow, Pic. Co.
Myra, Wilfred Luther	Lunenburg.
Nalmsmith, Gavin	Halifax.
Nathanson, Irving	Halifax.
Nelson, Kathleen Yvonne, B.Sc. (M.A.)	Springhill, Camb. Co.
Nicholson, Peter Murray	Glace Bay, C. B. Co.
Nolan, John Joseph	Wabana, Nfld.
Noonan, John Russell	Halifax.
Nowo, Joseph William	(K)Halifax.
Odell, Marion	St. Andrew's, N. B.
O'Keefe, Agatha	St. John's, Nfld.
Oland, Adine Denise	Halifax.
O'Neill, Mary Patricia	Halifax.
Orlando, Norman Arthur	Bridgetown, Anns. Co.
Park, Margaret June	Lewisville, N. B.
Parke, Marjorie Beatrice	Halifax.
Patchell, Frances Seymour Barnes	Saint John, N. B.
Patterson, Marion	St. John's, Nfld.
Patton, Hugh Maitland	Ormestown, P. Q.
Peach, Thomas Allan	(K)Glace Bay, C. B. Co.
Peake, Arthur Holdsworth	Charlottetown, P.E.I.
Pearce, Ronald Edward	Dartmouth, Hfx. Co.
Pearson, Mary Elizabeth	Halifax.
Penny, Genevieve Clara	Halifax.
Penz, Ella Irene	Halifax.
Pepper, William Michael M	Halifax.
Perin, Irving Abraham	Sydney, C. B. Co.
Piccott, Catherine Theresa	St. John's, Nfld.
Follett, Gordon Allan	Sydney, C. B. Co.
Pope, Margaret Elaine	Halifax.
Proctor, William Fraser	Wabana, Nfld.
Prowse, Margaret Frances	Charlottetown, P.E.I.
Purves, Archibald Henry Blair, B.Sc.	Halifax.
Quigley, Hadel Gordon	Eastern Passage, Hfx. Co.
Ramsay, Marjorie Suzanne	Saint John, N. B.
Read, Lawrence McKim	Bridgewater, Lun. Co.
Reardon, Charles Henry	Halifax.
Redmond, John Thomas Joseph Leonard	Halifax.
Reeves, Harold Alexander	New Glasgow, Pic. Co.
Reilly, Charles Austin	Travellers' Rest, P.E.I.
Renner, Joseph Guy	Halifax.
Reynolds, John Munro	Halifax.
Rhind, Dorothy Putnam, B.A.	Elderbank, Hfx. Co.
Riggs, Germain Wilson	North Sydney, C. B. Co.
Robinson, Frances Howard	(K)Bear River, Digby Co.
Robinson, Katherine MacLearn	Moncton, N. B.
Rogers, Helen Gertrude	Oxford, Camb. Co.
Roop, Lalla Bell Elizabeth	Halifax.

(K) Enrolled in King's College.

Rose, James Maurice	Salem, Mass., U.S.A.
Rossiter, Jean Marie	Halifax.
Roswe, George Charles	(K)Canso, Gays. Co.
Rowler, Robert MacKay	Maitland Bridge, Anns. Co.
Roy, Alexander Kerr	North Sydney, C. B. Co.
Roy, James Harold	Halifax.
Ryan, Caroline Mary Elizabeth	Halifax.
Saffron, Dorothy Rose	Springhill, Camb. Co.
St. Pierre, Marguerite	Chicoutimi, P. Q.
Sandor, Oscar Adrien	Halifax.
Sayer, Francis Taylor	(K)Moncton, N. B.
Sayer, Mary Helen	Moncton, N. B.
Schwartz, Barbara Joyce	Halifax.
Schwartz, Edna Mae	New Waterford, C. B. Co.
Sheehan, Thomas Moran, B.A., B. Com., LL.B.	Halifax.
Shepherd, Paul Stevenson, B.A., B.Sc.	Halifax.
Sheppard, George Graham	(K)Sydney, C. B. Co.
Siegel, Irving	Glace Bay, C. B. Co.
Sieniewicz, Bernard Norman	Halifax.
Simmons, Edward Clifton	Fredericton, N. B.
Simon, Dorothy Estelle	Halifax.
Sinclair, Norman Carmichael	New Glasgow, Pic. Co.
Sister Alice Michael	Rockingham, Hfx. Co.
Sister Cecile Marie	Rockingham, Hfx. Co.
Sister Francis Michael	Rockingham, Hfx. Co.
Sister Gertrude Francis	Rockingham, Hfx. Co.
Sister M. Basil	St. John's, Nfld.
Sister Marie Florette	Rockingham, Hfx. Co.
Sister Marion Bernadette	Rockingham, Hfx. Co.
Sister Mary Fabian	Rockingham, Hfx. Co.
Sister M. Hildegardie	St. John's, Nfld.
Sister M. Mercedes Agnes	St. John's, Nfld.
Sister Patricia Margaret	Rockingham, Hfx. Co.
Sister Patricia Mary	Rockingham, Hfx. Co.
Skinner, Charles Martel	(K)Louisburg, C. B. Co.
Skinner, Stuart Kelley	Rockingham, Hfx. Co.
Smith, Audrey Elizabeth	Halifax.
Smith, Carleton James	Halifax.
Smith, Catherine Murray	(K)Truro, Col. Co.
Smith, Craig Neelands	New York, N. Y., U.S.A.
Smith, Elton Gordon	Caledonia, Queen's Co.
Smith, Frances Mary	Truro, Col. Co.
Smith, Harry Douglas	Halifax.
Smith, Harry Morris	Charlottetown, P.E.I.
Smith, Margaret Isabella Inez	Halifax.
Smith, Odessa Lenora	New Grafton, Queen's Co.
Smith, Sally Anne	Yorkton, Sask.
Smith, Sidney Lewis	Digby.
Solomon, Aaron Diersall	Dartmouth, Hfx. Co.
Solomon, Julius Denison	Dartmouth, Hfx. Co.
Soper, Marie Suzanne	Halifax.
Sorge, Norman Murdoch	Ambert, Camb. Co.
Spinner, Constance Hazel	Sydney, C. B. Co.
Spro, Theodor Herzl	New Glasgow, Pic. Co.

(K) Enrolled in King's College.



Sproal, Norman Buster	Chatham, N. B.
Spurr, Kathleen Isabel	Deep Brook, Anna. Co.
Stanley, Carleton Alexander	Halifax.
Stanley, Laura Katherine Isabel	Halifax.
Stevens, William John, B.A.	Halifax.
Stewart, Clifford Oswald	Inverness, P. Q.
Stewart, Jessie Alice	Halifax.
Strickland, Samuel Clyde	(K)New Glasgow, P.E. Co.
Strong, Elinor Mae, B.A.	Springhill, Camb. Co.
Stubbs, William Rezinahd	Windspeg, Man.
Sullivan, Charlotte Murdoch	St. Stephen, N. B.
Sullivan, Victor Eustace	Halifax.
Sutherland, Donald Fraser	New Glasgow, P.E. Co.
Swanburg, Julia Aurelia	Windsor Junction, Hfx. Co.
Swanburg, Robert Harpe	Halifax.
Sylvester, George MacDonald	Dartmouth, Hfx. Co.
Tasmas, John Everett Shaw	(K)Sydney, C. B. Co.
Taylor, Richard Hastings	(K)Weymouth, Digby Co.
Thomas, Bette Hannah	Halifax.
Thomas, William Alfred	Halifax.
Tidmarsh, William Wendell	(K)Charlottetown, P.E.I.
Toner, Ralph Erwin	Halifax.
Tonning, Henrik Odd	Black's Harbour, N. B.
Topp, Allan Crickington, B.Sc.	Halifax.
Tulz, Karl Harrington	(K)Dartmouth, Hfx. Co.
Tepper, Charles Gordon Hibbert	Vancouver, B. C.
Tepper, William Roderick	New Glasgow, P.E. Co.
Turner, Alan Jerome	Halifax.
Vali, Bert Frank	Sydney, C. B. Co.
Venios, Louis Maurice	Bathurst, N. B.
Vince, Donald Michael Kaban	Halifax.
Wainwright, Hastings Barnaby	(K)Herring Cove, Hfx. Co.
Walker, Philip Harry Gillespie	Halifax.
Walker, Ruth Anna	Halifax.
Wall, Florence Isabelle	Halifax.
Wallace, Raphael Herman	Halifax.
Walsh, James Philip, B.Sc.	Halifax.
Walter, Arthur Robert Brittain	Saint John, N. B.
Wareham, John Robert Joyce	Salmon Cove, B.D.V., Nfld.
Warr, John Richard Freeman, B.Sc.	Halifax.
Watson, Mary Paisley, B.A.	Halifax.
Webb, Roy Franklin	(K)Truro, Col. Co.
Webster, Geddes Murray	Yarmouth.
Weir, Edward Fraser	Freetown, Digby Co.
Weldon, Catherine Sterns	Dartmouth, Hfx. Co.
Welsford, Charles Matthew	(K)Halifax.
Westhaver, Clyde Glendon	Martin's Brook, Lun. Co.
Westhaver, Marian Elizabeth	Lunenburg.
Whalley, Basil John Palmer	Halifax.
Whidden, Gordon Hamilton	St. Catharines, Ont.
Whyte, John Henderson	Sydney Mines, C. B. Co.
Wier, Margaret Clara, B.A.	Glace Bay, C. B. Co.
Wier, Thomas Alpin	Halifax.

(K) Enrolled in King's College.

Wilkinson, John McDonald, B.A.	(M.A.) Guysboro.
Williams, Donald Browne	Halifax.
Windbank, William John	Mission City, B. C.
Wood, Marjorie Louise	Twillingate, Nfld.
Wood, Olive Marie	(K)St. John's, Nfld.
Woolaver, Bertha Parker	(K)Newport, Hants Co.
Wright, John Sidney	Bedeque, P.E.I.
Wright, Ralph Wallace	Halifax.
Wyllie, John Fraser	Rockingham, Hfx. Co.
Wyllie, Ruth Drummond	Rockingham, Hfx. Co.
York, Charles Hamilton	Edmundston, N. B.
Young, Caroline Elisabeth	Halifax.
Young, Joan Etta	Sydney, C. B. Co.
Young, Ralph Chown	Woodstock, N. B.
Zwicker, Laura Katherine	New Germany, Lun. Co.

## Registered for Examinations Only

Barrett, Frederic Grenfell, B.Sc.	Casco, Guys. Co.
Chappell, John Albert	Halifax.
Day, Clifford Randolph	Liverpool, Queen's Co.
Gibson, Charles Deleworth	Halifax.
Hotchkis, Gilbert Bruce	Amherst, Camb. Co.
James, Ian Forrest	Halifax.
James, Ruth Leughead	Halifax.
Lee, Shew Chuck	Halifax.
Levine, Andrew Seymour	Halifax.
Likely, Joseph Alexander	Saint John, N. B.
Litfield, Sydney	Rockaway Beach, L.I., N.Y.
Macdonald, John Phillip	Sydney, C. B. Co.
MacKenzie, Lloyd Kenneth	Lime Hill, Rich. Co.
Moff, Donald Arthur	Dartmouth, Hfx. Co.
Piercey, Joyce Catherine, B.A.	Armdale, Hfx. Co.
Smith, Colin Henderson	Halifax.
Stech, Hiltun Robert Greville	Halifax.
Strachan, James William	Halifax.
Tanton, George Stavert	Summerside, P.E.I.

## FACULTY OF LAW

## Third Year

Armstrong, Robert Ludlam, B.A.	(U.N.B.) Fredericton, N. B.
Ash, Reginald Douglas, B.Sc.	Carleton, Nfld.
Bagge, Lloyd Eugene, B.Sc. (M.L.A.)	Curling, Nfld.
Coleman, Rowan Corry, B.A. (McGill)	Montreal, P. Q.
Daley, Gordon Kenneth, B.Com.	Saint John, N. B.
Drummie, Margaret Stanwood, B.A.	Saint John, N. B.
FitzPatrick, Frederick Joseph	St. John's, Nfld.
Gaudet, Gilbert Arthur, B.A.	Charlottetown, P.E.I.
Gillis, John Hugh Larkin	Sydney, C. B. Co.
Hirsch, Anne	Sydney, C. B. Co.

(K) Enrolled in King's College.

Karrel, Bernard	Sydney, C. B. Co.
Lithwick, Sydney	Ottawa, Ont.
MacKay, Duncan Hugh, B.A.	Glouce Bay, C. B. Co.
MacLeod, Francis Neil, M.A. (St. F. X.)	Antigonish, Guys. Co.
McQuaid, Melvin James, B.A. (St. F. X.)	Souris, P.E.I.
Meagher, Kevin Joseph Nicholas, B.A.	Halifax.
Milner, James Bryce	Amherst, Cumb. Co.
O'Brien, Lawrence Francis Joseph	Halifax.
Petrie, John David	Calgary, Alta.
Read, Royal Verne, B.A.	Erie, B. C.
Regan, Frederick Alexander, B.Sc. (Acadia)	Hopewell, P. Co.
Sawler, John James	Dartmouth, Hfx. Co.
Storey, Donald William George	Moncton, N. B.
Sutherland, John William Henderson, B. Com.	New Glasgow, P. Co.
Sweetnam, Ralph Victor	Amherst, Cumb. Co.
Yenlot, Harvey Alfred	Pictou.
Webb, Michael Ignatius	Halifax.

## Second Year

Allen, Maurice O'Mellis	Halifax.
Bagg, Douglas Gordon	Westmount, P. Q.
Bingham, George James	Moncton, N. B.
Boyd, John Minto	Toronto, Ont.
Burchell, Wilfred Sydney	Little Bras d'Or, C. B. Co.
Collins, George Edward, B.A. (Montreal)	Copper Cliff, Ont.
Cragg, Edward Francis, B.A.	Halifax.
Curry, James Clyde, B.A. (Ottawa)	Ottawa, Ont.
Diekey, John Horace	Halifax.
Finlay, John Francis	Halifax.
Forbes, Hugh Archibald Kennedy	Glace Bay, C. B. Co.
Housser, Harry Cron Kennedy, B.A. (U.B.C.)	Vancouver, B. C.
Hudson, Lloyd Willis	Country Harbour, Guys. Co.
Hungerford, Walter Donington	London, Ont.
Korotky, Vadim Michael	Guysboro.
Lane, Stuart Clarke, B.A., B.Com. (U.R.C.)	Vancouver, B. C.
Lynch, George Richard Kimberly, B.A.	Digby.
MacDonald, John Angus	Calgary, Alta.
Macdonald, John Douglas, B.A. (St. F. X.)	Antigonish.
Macdougall, John William Graham	New Glasgow, P. Co.
Mackenzie, Archibald Buckner	Halifax.
Merchant, Ewart Francis Anthony	Halifax.
Murray, Robert Graham, B.A.	Dartmouth, Hfx. Co.
Petrie, John David	Calgary, Alta.
Phillips, Welsford Gordon	Halifax.
Robertson, George Burnley, B.A.	Halifax.
Russell, William Stafford	Regina, Sask.
Ryan, Edward Murray, B.A.	Halifax.
Smith, Carlton James	Halifax.
Stewart, Herbert Leslie, B.A.	Halifax.
Thompson, Gordon Henry, B.Com.	Halifax.

## First Year

Amiro, Delmar Joseph, B. Com.	Lower E. Puhnico, Yar. Co.
Anderson, Donald DeBlou	Halifax.
Bigelow, Alan Eaton	Regina, Sask.
Coreoran, Francis Leo	Moncton, N. B.
Corston, George Campbell	Halifax.
Dalry, Laurence Fredrick	Halifax.
Davidson, Gordon Alexander	New Westminster, B. C.
Diaber, Edward Whyte, B.A. (U.B.C.)	Vancouver, B. C.
Ferguson, William Mackay	Glace Bay, C. B. Co.
Gillies, Sidney Alexander	Ottawa, Ont.
Gillis, Thomas Jeffrey Knight	Sydney, C. B. Co.
Hanway, Lawrence Martin, B. Sc. (St. F. X.)	Amherst, Cumb. Co.
Hatfield, Byron Maxwell	Halifax.
Hendry, James McLeod	Halifax.
Hisele, Gordon Welsford	Halifax.
Hutchins, Clayton, B.A.	Liverpool, Queen's Co.
Hutton, John MacArthur	Halifax.
Kaufman, Lyon Arnold	Amherst, Cumb. Co.
Lyall, Douglas Scott, B.A.	Halifax.
MacAdam, John Harold, B.A. (St. F. X.)	Margaree Harbour, Inv. Co.
McCreath, Peter Leith	Toronto, Ont.
MacKimmie, Ross Anderson	Sydney, C. B. Co.
MacNeil, James Cameron	New Glasgow, P. Co.
MacRitchie, Hugh Norman	Sydney, C. B. Co.
Mullane, John Charles	Halifax.
Peake, Arthur Holdsworth	Charlottetown, P.E.I.
Piercey, George Charles, B. Com.	Arnsdale, Hfx. Co.
Poirier, Alfred Hubert Lescroart, B.A. (St. F. X.)	West Arichat, Rich. Co.
Tamaki, George Takakazu, B.A. (U.B.C.)	New Westminster, B. C.
Teasdale, Eric Gordon	Dartmouth, Hfx. Co.
Thurpoel, Frederick Albert	Arichat, Rich. Co.
Trice, Horace Beverly, B.A. (Mt. A.)	Sackville, N. B.
Wamer, Robert Gordon, B.A.	Vancouver, B. C.

## Special Students

Largis, Pierre-Paul	Longueuil, P. Q.
Drumacke, Gordon Ladner, B.A. (U.B.C.)	Vancouver, B. C.

## Registered for Examinations Only

Baird, George Evans, B.A. (Bishop's)	Perth, N. B.
Douglas, John William	Amherst, Cumb. Co.
Keddy, Clarence Butler	Brigwater, Lun. Co.
Pipe, William Harvey, B.A.	Amherst, Cumb. Co.

## FACULTY OF MEDICINE

## Fifth Year

Abelson, Max Moss	Brooklyn, N. Y., U.S.A.
Aikens, Robert Leander, B. Sc.	Stellarton, P. Co.
Borkow, Philip Stanley	Brooklyn, N. Y., U.S.A.

Breender, David	Paterson, N. J., U.S.A.
Bryant, Harold Russell	Norton, N. B.
Burley, John Samuel	Andover, N. B.
Cassell, Max	New York, N. Y., U.S.A.
Christie, Hugh Ellis	Amherst, Cumb. Co.
Day, George Frederick, B.Sc. (Mt.A.)	Thorburn, Pic. Co.
Donahoe, Joseph Anthony	Rosemeath, P.E.I.
Douglas, George Ritchie	New Glasgow, Pic. Co.
Duffy, James Charles, B.Sc. (St.F.X.)	Chatham, N. B.
Epslein, Arzold Abe	New Waterford, C. B. Co.
Frankel, Israel Alfred	New York, N. Y., U.S.A.
Frost, William Harding	Saint John, N. B.
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.
Hopkirk, James Francis, B.Sc.	Almonite, Ont.
Ison, Paul Jonathan	Mansfield, L.I., N.Y., U.S.A.
Joseph, Solomon, B.A. (C.C.N.Y.), B.Sc.	New York, N. Y., U.S.A.
Klein, Leonard	New York, N. Y., U.S.A.
Lebowitz, Jerome Harold	New York, N. Y., U.S.A.
Lehv, Gilbert Gabriel, B.Sc.	New York, N. Y., U.S.A.
Lipitz, Abraham Milton, B.Sc. (Col.)	Brooklyn, N. Y., U.S.A.
MacIntosh, David Lloyd, H.A., B.Sc.	Waverley, Hfx. Co.
MacIntyre, Mary Wheeler, A.B. (Col.)	Lafolla, Cal. U.S.A.
Miller, John Stewart, B.Sc.	Brooklyn, N. Y., U.S.A.
Miller, Seymour	Brooklyn, N. Y., U.S.A.
Moessan, Walter Gerald, B.Sc.	Halifax
Peckman, Abram	Jersey City, N. J., U.S.A.
Possner, David Julius, B.Sc.	Brooklyn, N. Y., U.S.A.
Rankine, James Andrew, B.Sc.	Aylesford, King's Co.
Rubins, Irving, B.Sc.	Brooklyn, N. Y., U.S.A.
Schlossberg, Stanley Saffin, B.S. (N.Y.U.)	New York, N. Y., U.S.A.
Sproull, Lewis Murray	Pictou Landing, Pic. Co.

## Fourth Year

Boothroyd, Wilfred Ernest, B.A. (Mt. A.)	Shediac, N. B.
Cameron, John Rodery	Grand River, Rich. Co.
Chapkin, Irving, B.Sc. (Col.)	Brooklyn, N. Y., U.S.A.
Curtis, Owen Herbert	Charlottetown, P.E.I.
Garten, Karl Anthony	Halifax
Goldberg, Howard Irving, B.Sc.	Halifax
Hochman, Alex, B.S. (N.Y.U.)	Paterson, N. J., U.S.A.
Horswitz, William	New York, N. Y., U.S.A.
Hoswell, Eric Boyd	Carleton Place, Ont.
Idr, Eli, B.A. (Buffalo)	New York, N. Y., U.S.A.
Irwin, Joseph Kent Lyall, B.Sc. (St. F. X.)	Port Morien, C. B. Co.
Issacson, Philip Alas, B. S. (Col.)	Brooklyn, N. Y., U.S.A.
Korman, Arnold	Paterson, N. J., U.S.A.
Levittan, Edwin Daniel, A. B. (Col.)	New York, N. Y., U.S.A.
Lewy, Leonard William, B. Sc.	Brooklyn, N. Y., U.S.A.
MacIntosh, Oding Carvell, B. Sc. (St. F. X.)	Astigonish
MacKenzie, Seymour Gordon	Truro, Col. Co.

MacLellan, Charles Lesney	Sydney, C. B. Co.
MacLeod, Frederick Harold	Pict Hawkesbury, Inv. Co.
Nachles, Abraham, B.Sc.	Brooklyn, N. Y., U.S.A.
Mitchel, Hiram Calder, B.A. (Mt.A.)	Campobello, N. B.
Morrison, Jonathan Irving	Newton Center, Mass. U.S.A.
Murphy, George Herman, B.A.	Halifax
Parsons, George Vandend	Carleton Place, Ont.
Ripley, Howard Robert, B.A. (Mt. A.)	Amherst, Cumb. Co.
Rothfield, Samuel Herman, B.S. (Col.)	Brooklyn, N. Y., U.S.A.
Rubinger, Joshua, H. A. (N.Y.U.)	Yonkers, N. Y., U.S.A.
Schwartz, Albert Aaron, B.S. (N.Y.U.)	New York, N. Y., U.S.A.
Shane, Samuel Jacob, B.Sc.	Yarmouth
Simons, Sam, B.A. (Mt. A.)	Sydney, C. B. Co.
Simensky, Philip Franklin, B. Sc.	Brooklyn, N. Y., U.S.A.
Smith, Gerald Allan	Angle Brook, Nfld.
Stiedel, Frederick Harris	Brooklyn, N. Y., U.S.A.
Tafoun, Carl Harris	Brooklyn, N. Y., U.S.A.
Thomas, Edward LeGeste	Halifax
Wright, Robert Gordon	Inverness
Zelony, Abraham, M. A. (Col.)	Brooklyn, N. Y., U.S.A.
<i>James D. J. (P.) and Third-Year</i>	
Anner, William Cameron, B.A. (Mt.A.)	Lower Montague, P.E.I.
Baldwin, John Henry, B.A. (Mt.A.)	Moncton, N. B.
Barton, Frederick Joseph	Halifax
Beer, John Kenneth	Montague, P.E.I.
Bird, Stephen Jordan	Brooklyn, Queen's Co.
Black, Brian Ormsby	Fredericton, N. B.
Callaghan, Wilfred Edward, B.Sc. (St. F. X.)	Summerside, P.E.I.
Chisholm, Hugh Alexander	Halifax
Dicks, Edward Dudley	Digby
Foley, Horace Archibald, B.A. (Acadia)	Centreville, King's Co.
Gallant, Joseph Anthony, B.Sc. (St. F. X.)	Gravelbourg, Sask.
Goldberg, Harry, B.S. (Col.)	New York, N. Y., U.S.A.
Gordon, Evander James, H.A. (Acadia)	Melvers Square, Anns. Co.
Heidman, Arthur	New York, N. Y., U.S.A.
Hersensberg, Bernice Jean, A.B. (Huntsb.) B.Sc.	Brooklyn, N. Y., U.S.A.
Hirtle, Waldo Emerson, B.Sc.	Halifax
Kentney, Francis William	Rexton, N.B.
Laddlay, Thomas Angus, B.A. (Mt.A.)	Saint John, N. B.
MacArthur, Frederic Cressman	Stellarton, Pic. Co.
McCurdy, David Graham	Sydney, C. B. Co.
McElman, George William, B.A. (U.N.B.)	South Devon, N. B.
MacIntosh, Allan Simpson, B.A., B.Sc.	Waverley, Hfx. Co.
Manchester, John Stewart	Saint John, N. B.
Murphy, Harry Elias	St. John's, Nfld.
Pauker, Sidney Charles, B.S. (Col.)	New York, N. Y., U.S.A.
Plummer, Ralph Franklin	Harland, N. B.
Pugh, Roland Evan	Heart's Content, Nfld.

C. H. MacKenzie (P.)

M. A. R. J.

Quinlan, John James	Grand Falls, Nfld.
Raider, Louis, B.S. (Brooklyn)	Brooklyn, N. Y., U.S.A.
Raphaet, Murray, B.S. (N.Y.U.)	New York, N. Y., U.S.A.
Rifkin, Harold, A. B. (Missouri)	Brooklyn, N. Y., U.S.A.
Ross, James Alton	Stellarton, P.N.C.
Sellars, Walter Simon	Bonaville, 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.
Squire, James Bennett	Bell Island, Nfld.
Turner, Garnett William	Kentville, King's Co.
Ulberg, Mos, B. S. (Col.)	Brooklyn, N. Y., U.S.A.
Van Horne, Joseph Raymond, B. S.	Yarmouth.
Wasnamaker, Frank Douglas, B.S. (Acadia)	Kingston, King's Co.
Weiter, Harry S., B.S. (Frank and Marsh)	East Orange, N. J., U.S.A.
Worrell, John Clarendon, B.Sc.	Halifax.
Young, Crossman Harley	Blainford, Lun. Co.

**Second Year**

Bashow, Lynn Elwyn	Liverpool, Queen's Co.
Bingham, Robert Hunter	Moncton, N.B.
Bonzel, Ralph Kitchener, B.A. (Acadia)	Saint John, N.B.
Campbell, Donald Ignatius, B.Sc. (St. F.X.)	Red Point, P.E.I.
Cantelope, Douglas Charles	Lambertburg.
Crosby, Adam Brown, B.Sc.	Halifax.
Davis, Eli	Saint John, N.B.
Dizack, Alfred Reginald	Highy.
Dunne, Allan Rutledge	Iroquois, Ont.
Egan, William George, B.A., B.Sc. (St. F.X.)	Sydney Mines, C. B. Co.
Ferguson, Peter Daniel	Cleveland, Rich. Co.
Fogo, Edward MacDonald, B.Sc.	Halifax.
Fowkes, John Albert	Baddeck, Vir. Co.
Fraser, William Frederick, B.Sc.	Stellarton, P.N.C.
Griffin, Robert Cedric, B.Sc. (St. F.X.)	Antigonish.
Guy, Augustino MacDonald	St. John's, Nfld.
Higgins, William John	St. John's, Nfld.
Hopper, Sidney Allan, B.A. (Mt.A.)	Moncton, N. B.
Hinson, Rodrick, B.Sc. (Acadia)	St. Andrew's, N. B.
Inman, George Strong	Summerside, P.E.I.
Jamieson, James Sidney, B.A. (Mt.A.)	Campbellton, N. B.
Kerr, John Roland	Fox River, Cumb. Co.
Leitz, Wilfred	Sydney, C. B. Co.
Long, James Wilfrid, B.Sc. (St. F.X.)	East Dalhousie, Anns. Co.
Macdonald, Austin Alexander, B.Sc.	Whycosmough, Inv. Co.
MacLean, James Gillis	Glace Bay, C. B. Co.
MacTae, Duncan Russell	Sydney Mines, C. B. Co.
McVicar, Archibald Allan, B. A. (Acadia)	Sydney, C. B. Co.
Martin, John Edward, B.S. (Providence)	Cranston, R. I., U.S.A.
Nichols, Gerald Borden	Aylesford, King's Co.
Nicholson, William MacKay, B.A.	Reserve Mines, C. B. Co.

Nonemaker, Edgar Paul	Mahone Bay, Lun. Co.
Ormiston, Arthur Wilfred, B.A., B.Sc.	Sydney, C. B. Co.
Ramsay, Albert Leigh	Northam, P.E.I.
Roady-Hyford Cecil	Bridgewater, Lun. Co.
Robbie, John Andrew	Charlottetown, P.E.I.
Robb, Donald Stirling, B.A., B.Sc.	Bedford, Hfx. Co.
Robb, Ian Stewart, B.A.	Bedford, Hfx. Co.
Ross, Henry Brown, B.Sc.	Halifax.
Seaman, Kilren	Liverpool, Queen's Co.
Shane, Arthur Gerald, B.Sc.	Yarmouth.
Sidro, Harold Maxine, B.Sc.	New Glasgow, P.N.C.
Watson, James Hubert	St. John's, Nfld.
Willis, John Stanley	Shanghai, China.
Woolner, Lewis Benjamin	North Rustico, P.E.I.
Young, Robert Clarence	Pictou.

**First Year**

Anderson, Thomas Ashburnham, B.A. (U.N.B.)	Fredericton, N. B.
Archibald, David Brenton	Sydney Mines, C. B. Co.
Balson, Charles Miller	New Glasgow, P.N.C.
Bird, Hubert Arthur	Brooklyn, Queen's Co.
Burns, Donald Gardner	Boston, Mass., U.S.A.
Christie, James Homer	Tusso, Col. Co.
DeLong, Douglas Hazen	Woodstock, N. B.
Dunn, Stuart Deacon	Pictou.
Eaton, Reginald Curran, B.Sc. (Acadia)	Wolville, King's Co.
Farquharson, Robert Montague	Charlottetown, P.E.I.
Feindel, James Robert, B.Sc. (Acadia)	Bridgewater, Lun. Co.
George, Frederick Hulsem, B.Sc. (St. F.X.)	Saint John, N. B.
Glick, Samuel Joseph	Halifax.
Graham, James David	Goldboro, Guys. Co.
Grant, Norbert Charles	Montague, P.E.I.
Green, Leo	Halifax.
Hallist, John Edward Henry	Liverpool, Queen's Co.
Harrigan, Edward Richmond	Sydney, C. B. Co.
Henderson, Hugh Malcolm	Truro, Col. Co.
Houss, Albert Maurice	Agnashona, Nfld.
Ingram, Robert Fowler	Campbellton, N. B.
Lawton, Louis	Wabana, Nfld.
LePage, Blain C., B.A.	North Rustico, P.E.I.
MacCannell, Bruce	Charlottetown, P.E.I.
MacCormick, John Allan, B.A., B.Sc. (St. F.X.)	East Bay, C. B. Co.
MacDonald, Donald Willis, B.A. (Acadia)	Sydney Mines, C. B. Co.
MacDonald, Gordon Murray, B.Sc. (Mt.A.)	Glace Bay, C. B. Co.
MacDougall, Joseph Augustine, B.Sc. (St. F.X.)	Sydney, C. B. Co.
McFetridge, James Douglas	Middle Musquodoboit, Hfx. Co.
MacGregor, Hector Ian	Halifax.
MacLeod, Ian Murray	Halifax.
Maczell, Francis Neil, B.Sc. (St. F.X.)	Glace Bay, C. B. Co.

AR. Dickie (R.)  
W. T. Maguire (R.)

MacQuarrie, William Alexander	Moncton, N. B.
Medjuck, Solomon Gordon, B.Sc. (Acadia)	Glace Bay, C. B. Co.
Melora, Patrick	Sydney, C. B. Co.
Morehouse, Charlie Nelson, B.Sc.	Centreville, Digby Co.
Morrison, John Kemp	St. Peter's, Rich. Co.
Morrison, Neil Alastair, B.Sc.(Acadia)	New Waterford, C. B. Co.
Murphy, Richard Joseph Francis	Halifax
Murray, William Arnold	Tatamagouche, Col. Co.
Price, Ivan Chesley	Fredericton Junction, N.B.
Pritchett, Newton George	Gambo, Nfld.
Ritchie, Ronald Morrison	Sydney, C. B. Co.
Roberts, Charles Augustus	St. John's, Nfld.
Rose, Reginald Lawrence Gordon, B.Sc. (Acadia)	Sydney, C. B. Co.
Ryan, John Halston, B.Sc. (Mt. A.)	Springhill, Cumb. Co.
Shea, Wilbert, B.Sc.(St.F.X.)	St. Louis, P.E.I.
Shirley, Samuel Yarn	English Harbour West, Fectuns Bay, Nfld.
Smith, George Murray	Liverpool, Queen's Co.
Woodbury, John Francis Lydiard	Halifax
Woodworth, Carl Austin	Milford Station, Hants Co.

**Specials**

Hegg, Robert William, B.Sc.	Halifax
Maclean, Marjorie Jessie	Halifax
Pentz, Ella Irene	Halifax

**Registered for Examinations Only**

Rosenberg, Samuel Nathan	Brooklyn, N. Y., U.S.A.
Rosenfeld, Julius Lawrence	Brooklyn, Hants Co.

**FACULTY OF DENTISTRY****Fourth Year**

Aarenson, Nathan I., B.S.(Brooklyn)	Brooklyn, N. Y., U.S.A.
Archibald, Lewis Johnstone	Sydney Mines, C. B. Co.
Brown, Henry	New York, N. Y., U.S.A.
Christie, Philip Sinclair	Milford Station, Hants Co.
Dubinsky, Edward Vladimir, D.D.S. (Minn.)	Minneapolis, Minn.
Freed, Leon Maxwell	Brooklyn, N. Y., U.S.A.
Gelitta, Louis Eugene	Brooklyn, N. Y., U.S.A.
Hogg, William Gourlay	Charlottetown, P.E.I.
Kasloff, Zeck, D.D.S. (Minn.)	Winnipeg, Man.
Kitchen, Paul Poshay	Fredericton, N. B.
McGuigan, James Patrick	Charlottetown, P.E.I.
McManus, Robert Anthony	Dedham, Mass., U.S.A.
Peller, Emanuel Maurice, B.S.(N.Y.U.)	New York, N. Y., U.S.A.
Shain, Isidor Arthur, B.S. (N.Y.U.)	New York, N. Y., U.S.A.
Sakosh, John Victor	New York, N. Y., U.S.A.

**Third Year**

Becker, Abraham Morris	Brooklyn, N. Y., U.S.A.
Dowd, John Patrick B. Sc.	Moncton, N. B.

Greenberg, Max	Brooklyn, N. Y., U.S.A.
Minichello, Anthony John	Boston, Mass., U.S.A.
Preiss, Emanuel, B. Sc.	New York, N. Y., U.S.A.
Smith, Arthur Reginald, B.A.	Charlottetown, P.E.I.
Star, Morton	Yarmouth
Wallick, Robert Hyman, B.S.(N.Y.U.)	Brooklyn, N. Y., U.S.A.

**Second Year**

Brown, Edwin Alvin	Bangor, Maine, U.S.A.
Goldberg, Leonard Stanley	Halifax
Kronley, Samuel	New York, N. Y., U.S.A.
Maczelian, Allan Joseph, B.Sc.	Antigonish
Marshall, John Thomas	Bridgetown, Anna. Co.
Robinson, Gilbert Boyd, B.A.(Acadia)	Diligent River, Cumb. Co.
Sanders, Maurice Gerod, B.S. (Brooklyn)	Brooklyn, N. Y., U.S.A.
Trabman, Hyman	New York, N. Y., U.S.A.
White, Thomas Howland	Summerside, P.E.I.

**First Year**

Condon, James Frank, B.Sc.(St.F.X.)	Westville, Pic. Co.
Nickerson, Victor Moses	Yarmouth
Outhouse, Perley Clinton	Tiverton, Digby Co.
Shaffer, William Judson	Lawrencetown, Anna. Co.
Vaughan, John Robert	Halifax

**Registered for Examinations Only**

Danziger, Fred	Brooklyn, N. Y., U.S.A.
Egan, Clement John	Port Arthur, Ont.
Levin, Robert, B.S. (N.Y.U.)	New York, N. Y., U.S.A.
Meadow, Jerome	Brooklyn, N. Y., U.S.A.
Searpone, Vincent John	Brooklyn, N. Y., U.S.A.
Simon, Louis	Brooklyn, N. Y., U.S.A.
Simonewitz Max	Brooklyn, N. Y., U.S.A.

1.20 P. M. English  
 1.25 P. M. English  
 1.30 P. M. English  
 1.35 P. M. English  
 1.40 P. M. English

1.45 P. M. English

1.50 P. M. English  
 1.55 P. M. English  
 2.00 P. M. English  
 2.05 P. M. English  
 2.10 P. M. English  
 2.15 P. M. English  
 2.20 P. M. English  
 2.25 P. M. English

2.30 P. M.

2.35 P. M. English  
 2.40 P. M. English  
 2.45 P. M. English  
 2.50 P. M. English  
 2.55 P. M. English  
 3.00 P. M. English

3.05 P. M. English

3.10 P. M. English  
 3.15 P. M. English  
 3.20 P. M. English  
 3.25 P. M. English  
 3.30 P. M. English  
 3.35 P. M. English  
 3.40 P. M. English  
 3.45 P. M. English  
 3.50 P. M. English

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	Math. 1.	Surveying 1.	Math. 1.	French 1.	Math. 1.	French 1.
11	Math. 1.	French 1.	Math. 1.	French 1.	Math. 1.	French 1.
12	English 1.		English 1.		English 1.	
2.30 to 3.30	Chem. 1.	Drawing 1.		Drawing 1.		
<b>Second Year.</b>						
9	Mech. 2.					Drawing 2.
10	Physics 2.		Physics 2.		Physics 2.	Surveying 2.
11	Math. 2.	Book 1.	Math. 2.	Book 1.	Math. 2.	Book 1.
12	English 2E.		English 2E.		English 2E.	
2.30 to 3.30	Mech. 2.	Surveying 2.	Drawing 2.		Physics 2.	
<b>Third Year.</b>						
9		Physics 3.	Math. 3.	Physics 3.	Math. 3.	
10		Math. 3E.	Math. 4.	Math. 3E.	Chem. 3.	
11	Mech. 4.		Mech. 4.	Math. 3E.	Mech. 5.	
12			Mech. 4.			
2.30 to 3.30	Chem. 3.		Physics 3.	Drawing 3.		

TIME TABLE—PRE-MEDICAL AND PRE-DENTAL, 1939-40.

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.		Phys. Lab.	
3.30	Chem. Lab.	Physics Lab.	Chem. Lab.		Phys. Lab.	
4.30	Chem. Lab.		Chem. Lab.		Phys. Lab.	
<b>Second Year.</b>						
9						
10	Chem. 4.	Elective.	Chem. 4.	Elective.	Chem. 3.	
11	History 2E.		History 2E.		History 2E.	
12						
2.30 to 3.30	Chem. Lab.	Seal 2.	Chem. Lab.	Seal 2.	Chem. Lab.	