

Dalhousie University

HALIFAX

Nova Scotia



CALENDAR

1943-1944

LECTURE TIME TABLE—ARTS AND SCIENCE, 1943-44.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9	Chem. 5 History 1 Math. 2 (2) French 2 or 2A Greek 2 Chem. 1A, 1B Math. 8 Psychol. 3 English 14	Econ. 7 French 1 (1) German 1 French 2A Physics 3 Drug. 1 Philos. 3 English 8 Educ. 3A Hist. 1 Botany 4 Zoology 5	Chem. 5 History 1 Math. 2 (2) French 2 or 2A Greek 2 Chem. 1A, 1B Mech. 3 Psychol. 3 English 14 Educ. 3A	Econ. 7 French 1 (1) German 1 French 2A Physics 3 Mech. 3 Philos. 1 English 8 Educ. 4A Hist. 1 Botany 4 Zoology 5	History 1 Math. 2 (2) French 2 or 2A Greek 2 Chem. 1A, 1B Mech. 2	French 1 (1) German 1 French 2A Philos. 1 Hist. 1 Botany 4 Zoology 7	
10	Elem. Greek History 12 Math. 1 (1) History 2 French 2 Math. 4 Chem. 4 Physics 2 Geology 1 Psychol. 2 Educ. 2	History 8 Math. 1 (4) Latin 1 Greek 1 Chem. 2, 3 Physics 6 Survey 1 Psychol. 4 Educ. 3B	History 12 Math. 1 (1) History 2 Greek 1 Math. 4 Chem. 4 Physics 2 Geology 1 Psychol. 2 Educ. 2	History 8 Math. 1 (4) Latin 1 Greek 1 Physics 2 Chem. 2, 3 Physics 6 Psychol. 5 Educ. 4A	Elem. Greek History 12 Math. 1 (1) Latin 1 French 2 Physics 2 Geology 1 Survey 2 Educ. 4B	Math. 1 (4) Latin 1 Greek 1 Philos. 7	
11	Math. 1 (3) Math. 2 (1) Math. 1 (2) Latin 2 English 13 German A Physics 1 Mech. 4 History 20 Educ. 1	Latin 4 Econ. 1 Math. 3A Elem. Latin French 1 (1) Math. 3 English 5 Philos. 3 Educ. 3B	Math. 1 (3) Math. 2 (1) Math. 1 (2) Latin 2 Elem. Latin English 13 German A Physics 1 History 20 Econ. 4 Educ. 1	Latin 4 Econ. 1 Math. 3A Elem. Latin French 1 (2) Math. 2 English 5 Philos. 3 Econ. 5 Educ. 4A	Math. 1 (3) Math. 2 (1) Latin 2 Latin 2 German A Physics 1 Mech. 4 History 20 Econ. 4 Educ. 1	Econ. 1 Math. 3A Elem. Latin French 1 (2)	
12	Greek 4 English 1A German 3 Pol. Sc. 2 English 1 Spanish 1A English 2 Soc. Sc. 3 Zoology 4	Elem. Greek History 5 Social. 3 Social. 3 Botany 2 Botany 5 Zoology 2	Greek 4 English 1A German 3 Pol. Sc. 2 English 1 Spanish 1A English 2 Soc. Sc. 3 Zoology 4	Elem. Greek History 5 Pol. Sc. 2 English 1 Spanish 1A English 2 Soc. Sc. 3 Zoology 2	English 1A Pol. Sc. 2 English 1 Spanish 1A English 2 Zoology 4		
2.30	German 2 History 8 Social. 1 Botany 2 Botany 5	Elem. Greek History 5 Social. 3 Social. 3 Botany 2 Botany 5 Zoology 2	German 2 History 8 Philos. 6 Social. 1 Social. 1 Botany 2 Botany 5	Elem. Greek History 5 Pol. Sc. 2 English 1 Spanish 1A English 2 Soc. Sc. 3 Zoology 2	German 2 Philos. 8 Social. 1		
3.30	Pol. Sc. 1 Spanish 1B	French 3	Philos. 2 Pol. Sc. 1 Spanish 1B	French 3	Philos. 3 Pol. Sc. 1 Spanish 1B		
4.30		French 5		French 5			
5.00	Commerce 1		Commerce 1		Commerce 1		

Dalhousie University  
HALIFAX  
Nova Scotia



CALENDAR  
1943-1944

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**

*&c. &c. &c.*  
*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.*

Accompanied By  
*Rear Admiral Griffith & the Captains of His*  
MAJESTY'S Squadron of the SHIPWIG, COMANER, GEORGE MACRIE  
COMMANDANT OF THE GARRISON, LIEUT. COLONEL GAUNTLETT  
Commanding the 62<sup>nd</sup> Regiment and the Field Officers of His  
Majesty's Forces in this GARRISON *&c. &c. &c.*

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

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# University Almanac, 1943-1944

1943

- Aug. 28 M.—Last day for receiving applications\* for Fall Supplementary Examinations.
- Sept. 6 M.—Surveying Camp for students in Engineering begins.
- Sept. 7 Tu.—  
8 W.—  
9 Th.—  
10 F.—  
Supplementary Examinations for students in Law, Medicine, Dentistry.
- 14 Tu.— Session begins. Registration (and Payment of Fees) for students in Law, Medicine, Dentistry.
- 15 W.—Classes begin, and last regular Registration Day for such students.
- 20 M.—Noon. Registration for such students ends.
- 25 S.—Matriculation and Supplementary Arts and Science Examinations†† begin.  
—9.30—12.30 a.m., Latin; German.‡  
—2.30—5.30 p.m., English.
- 27 M.—9.30—12.30 a.m., French; Greek.§  
—2.30—5.30 p.m., Physics.
- 28 Tu.—9.30—12.30 a.m., Geometry.  
—2.30—5.30 p.m., Chemistry.
- 29 W.—9.30—12.30 a.m., Algebra.  
—2.30—5.30 p.m., Trigonometry; History.§
- 29 W.—Registration (and Payment of Fees) begins in Faculty of Arts and Science. The only regular registration day for New Students from Halifax and Dartmouth.
- 30 Th.—The only regular registration day for other New Students in Faculty of Arts and Science.
- Oct. 1 F.—Registration begins for other than new students in Faculty of Arts and Science. Special lectures for New Students in Faculty of Arts and Science.
- 2 S.—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 be accepted an additional fee of \$2.00 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 change suitable to all candidates.

- Oct. 4 M.—Results of Matriculation and Supplementary Examinations declared.  
—9 a. m. Classes begin in Arts and Science.
- 5 Tu.—12 Noon. Meeting of Faculty of Arts and Science.
- 9 S.—12 Noon. Registration in Arts and Science ends.
- 13 W.—Last day for change of course in Faculty of Arts and Science.‡‡  
M.—Thanksgiving Day.
- Nov. 11 Th.—Remembrance Day.
- Dec. 10 F.—Last day of lectures in classes in which Christmas Examinations are held.
- 13 M.—Christmas Examinations†† begin, except in Law.
- 15 Th.—Law Examinations begin.
- 20 M.—9 a.m., Christmas vacation begins.

1944

- Jan. 5 W.—9 a.m. Classes resumed.
- Mar. 7 Tu.—Munro Day. No Classes.
- 31 Th.—Last day for receiving Applications\* for Examinations for Master's degree and for Music and Pharmacy.
- Apr. 1 S.—Last day for receiving Applications\* for Spring Supplementary Examinations (Law, Medicine, Dentistry).  
7 F.—Good Friday. No classes.  
21 F.—Last Day of classes.  
24 M.—Spring Examinations†† begin.
- May 2 Tu.—Final Professional Examinations in Medicine and Dentistry begin.  
10 W.—8 p.m., Meeting of Faculty of Dentistry.  
11 Th.—11 a.m., Meeting of Faculty of Arts and Science.  
12 F.—4 p.m., Meeting of Faculty of Law.  
—5 p.m., Meeting of Faculty of Medicine. †  
13 S.—11 a.m., Meeting of Senate.  
16 Tu.—3 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 be accepted an additional fee of \$2.00 per day (maximum \$5.00) must be paid.

# Dalhousie University

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Genevieve L. Faulkner, M.A.

### King's College Representatives:

A. B. Wiswell, Esq.

J. H. Winfield, Esq.

## SENATUS ACADEMICUS, 1942-43.

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R. A. MacKay, B.A., Ph.D., F.R.S.C.

W. Russell Maxwell, M.A.

Ralph P. Smith, M.D., Ch. B., D.P.H.

R. J. Bean, M.S.

H. R. Theakston, B.Sc., M.E.I.C.

J. Stanley Bagnall, D.D.S., F.A.A.R.D.

\*Vincent C. MacDonald, K.C., B.A., LL.B.

Donald Mainland, M.B., Ch. B., D. Sc., F. R. S. E. & C.

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.G.S.A., M.E.I.C.

A. E. Griffin, M.A., Ph.D.

John Willis, B.A.

Lothar Richter, Dr. jur., Dr. rer. pol.

Wm. W. Woodbury, B.Sc., D.D.S.

C. B. Weld, M.A., M.D.

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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. S. Mowat, M.A., B. Ed.

M. K. McPhail, B.A., Ph.D.

W. H. H. Beckwith, D.D.S.

C. C. Coffin, B.A., M.Sc., Ph.D., F.R.S.C.

George F. Curtis, *Secretary.*

\*On leave for the duration.

## Committee on Admission.

The Registrars and the Deans of the various Faculties.

## OFFICERS OF ADMINISTRATION.

President of the University—Carleton Stanley.  
 Dean of the Faculty of Arts and Science—  
 Dean of the Faculty of Medicine—H. G. Grant.  
 Dean of the Faculty of Law—Vincent C. MacDonald.  
 Acting Dean, Faculty of Law—John Willis.  
 Dean of the Faculty of Dentistry—Wm. W. Woodbury.  
 Registrars—J. H. L. Johnstone and C. L. Bennet.  
 Business Manager—W. L. Hargree.  
 Engineer in charge of Buildings and Grounds—H. R. Theakston.  
 Warden, Shirreff Hall—Anna M. MacKeen.  
 Superintendent, Public Health Clinic—Florence A. Fraser.

## PROFESSORES EMERITI.

John Cameron, M.D. (Edin.), D.Sc. (St. And.), F.R.S.S.E. & C., M.R.C.S., Dr. D.G.J. Campbell Memorial Professor of Anatomy (1914-1930).  
 M. A. Curry, B.A. (Wind.), M.D. (Univ. of N.Y.), Professor of Clinical Gynecology. Retired, 1921.  
 Louis M. Silver, B.A. (Wind.), 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 MacCallan, M.D., C.M. (Dal.), F.R.C.S. (C), F.C. O.G., Professor of Obstetrics and Demonstrator in Practical Obstetrics. Retired, 1939.

\*On leave for the duration.

## ACADEMIC STAFF.

## FACULTY OF ARTS AND SCIENCE, 1942-43.

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, 24 Oxford St.  
 Howard Logan Bronson, B.A., Ph.D. (Yale), F.R.S.C., George Munro Professor of Physics and Head of Department, 18 Studley Ave.  
 Herbert Leslie Stewart, M.A. (Bell. et Oxon.), Ph. D. (Bell.), F.R.S.C., George Munro Professor of Philosophy and Head of Department, 75 Larch St.  
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 \*John Hamilton Lane Johnstone, M.B.E., M.Sc. (Dal.), Ph.D. (Yale), O.E. Smith Professor of Physics, 235 South St.  
 A. Stanley Walker, M.A. (Leeds et Birm.), B. Litt. (Oxon.), LL.D. (Dal.), D.D. (Queen's), Professor of History (King's), The President's Lodge, King's College.  
 \*George Hugh Henderson, O.B.E., B.Sc., M.A. (Dal.), Ph.D. (Cantab.), F.R.S.C., F.R.S., 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, 74 Morris St.  
 Robert Alexander MacKay, B.A. (Tor.), Ph.D. (Prinzo.), F.R.S.C., Eric Dennis Memorial Professor of Government and Political Science, 428 Quinpool Rd.  
 Hugh Philip Bell, M.Sc. (Dal.), Ph. D. (Tor.), G. S. Campbell Professor of Biology (Botany) and Head of Department, 53 Oakland Rd.  
 Harold Raymond Theakston, B.Sc. (Mining) (N.S.T.C.), 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, 232 South St.  
 George Vibert Douglas, M.C., M.Sc. (McGill), F.G.S., F.G.S.A., M.E.I.C., Carnegie Professor of Geology, Lower Backville, Halifax Co., N. S.  
 Arthur Kent Griffin, M.A. (Tor. et Oxon.), Ph. D. (Tor.), Professor of Classics (King's), 4 Studley Ave.

\*On leave for the duration.

- Lothar Richter, Dr. jur., Dr. rer. pol. (Breslau), *Professor of German*, 15 Waugholtie Ave.
- \*Stewart Bates, M.A. (Glas.), *William A. Black Professor of Commerce*.
- Alexander Sutherland Mowat, M. A., E. Ed. (Edin.), O. E. Smith *Professor of Education*, 17 Newton Ave.
- Carl Cowan Coffin, B.A. (Dal.), M. Sc., Ph. D. (McGill), F.R.S.C., *McLeod Professor of Chemistry and Head of Department*, 292 Jubilee Rd.
- Charles Henry Mercer, M.A., B. Com. (Manch.), *Associate Professor of Modern Languages*, 16 Cambridge St.
- A. H. Leim, B.A., Ph. D. (Tor.), *Associate Professor of Zoology (Fisheries)*, Fisheries Experimental Station.
- \*Harold Skinner King, A.B., Ph. D. (Harr.), *Associate Professor of Chemistry*.
- 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)*, 65 Robie St.
- Frederick Ronald Hayes, M.Sc. (Dal.), Ph. D. (Liverpool), 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. (Col.), *Associate Professor of Economics and Sociology (King's)*, Pine Hill Residence.
- John Geoffrey Adhead, M.A. (Cantab.), *Associate Professor of Mathematics (King's)*, 78 Morris St.
- Charles Walmesley, M.A. (Cantab.), *Associate Professor of Mathematics*, 6 Studley Ave.
- Francis Hilton Page, M.A. (Tor.), *Associate Professor of Psychology (King's)*, 15 Boekhoffe St.
- 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)*, 142 Oxford St.
- \*Robert E. D. Cattley, M.A. (Cantab.), *Associate Professor of Classics*.
- D. LeB. Cooper, M.Sc. (Dal.), Ph. D. (McGill), *Associate Professor of Chemistry*, 49 Larch St.
- Dixie Pollard, M.A. (Tor.), M.A., Ph. D. (Bryn Mawr), *Associate Professor of Biology*, 123 Oakland Rd.
- W. J. Archibald, B.A., M.A. (Dal.), Ph. D. (Virginia), *Associate Professor of Physics*, 150 Oxford St.

\* On leave for the duration.

- Germaine Lafeuille, Agrégée des Lettres (Paris), *Assistant Professor of Modern Languages*, Shireff Hall.
- \*\*William George Dore, B.A. (Queen's), M.Sc. (McGill), *Lecturer in Botany*.
- Vera Facoy, B.Sc., (Dal.), M.A. (Tor.), *Interim Lecturer in Botany*, Armada Post Office.
- James A. Doull, B.A. (Dal.), M.A. (Tor.), *Lecturer in Classics*, 127 Coburg Rd.
- Doris Walmesley, M.Sc. (Manch.), *Lecturer in Mathematics*, 6 Studley Ave.
- Reginald Cooper, B.A. (Cantab.), *Assistant in French*.
- Charlotte M. Sullivan, B.Sc. (Dal.), } *Student Assistants*  
Douglas A. Daroy, B.Sc. (Dal.), } *in Biology*.
- George B. Rosenfeld, B.A. (N.Y.U.), } *Instructors in*  
M.A. (Col.), } *Chemistry*.
- John C. Devins, } *Demonstrators*  
Jayson Greenblatt, B.Sc. (Dal.), } *in Chemistry*.  
Bernard F. Long, B.Sc. (Dal.), }  
Alfred G. Wood, B.Sc. (Dal.), }
- J. Weldon Grant, M.A. (Dal.), } *Student Assistants*  
A. Webster MacDonald, B.A. (Dal.), } *in English*.
- A. Kenneth Archibald, } *Student Assistant in Geology*,  
Vernon D. Crawford, B.A. (Mt. A.), James Gordon MacGregor  
Memorial Fellow in Physics.
- Albert Wilansky, B.Sc. (Dal.), } *Demonstrators in*  
Jayson Greenblatt, B.Sc. (Dal.), } *Physics*.
- Alexander D. MacDonald, } *Student Assistants*  
Thomas R. Ingraham, } *in Physics*.
- Secretary of the Faculty, Professor Bennet.
- Committee on } *Professors Bennet, Bronson, Hayes, \*John-*  
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Attendance }
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Library } *Professors \*Henderson, Wilson.*
- Committee on } *Professor Bronson, Chairman*  
Honour and } *Professor Bennet, Secretary.*  
Graduate Studies } *Professor Hayes, Maxwell, Wilson.*

\*On leave for the duration.

\*\*On leave 1942-43.

## Special Lecturers.

- Jotham Wilbert Logan, V.D., M.A. (Dal.), Lecturer in Classics, 78 Morris St.
- Harry Dean, A.R.C.O., R.C.M. (Leipzig), Lecturer in Music and Examiner in Theory of Music, 31 Larch St.
- Daniel Cobb Harvey, B.A. (Dal.), M.A. (Oxon.), LL.D. (Dal.), F.R.S.C., Archivist of the Public Archives of Nova Scotia, Lecturer in Canadian History, 325 Quinpool Rd.
- \*Donald Cameron Mackay, A.N.S.C.A., Lecturer in Fine Arts.
- John Phillip Clarke Fraser, M.A. (Dal.), Lecturer in Biblical Literature, 545 Gottingen St.
- \*\*Johanna Richter, Special Lecturer in German, 15 Waegwoltie Ave.
- Alan E. Cameron, M.Sc. (McGill), D.Sc. (M.I.T.), Deputy Minister of Mines, Special Lecturer in Geology, 13 Pryor St.
- M. MacG. Rankin, B.A., B. Com. (Dal.), Special Lecturer in Accounting, 98½ Edward St.
- Carl McKinley, Examiner in Music, New England Conservatory of Music, Boston, Mass.

\* On leave for the duration.

\*\* On leave

## FACULTY OF LAW, 1942-43.

- 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, K.C., B.A., LL.B. (Dal.), Weldon Memorial Professor of Law.
- John Willis, B.A. (Oxon.), George Macno Professor of Law, 78 Inglis St.
- George Frederick Curtis, LL.B. (Saak.), B.A., B.C.L. (Oxon.), Russell Professor of Law, 91 Edward St.
- G. S. Cowan, LL.B. (Dal.), M.A., B.C.L. (Oxon.), Assistant Professor of Law.
- F. H. M. Jones, B.A., LL.B. (Dal.), Lecturer in Insurance.
- J. E. Rutledge, K.C., M.L.A., B.A., LL.B. (Dal.), Lecturer in Procedure.
- J. A. Walker, K.C., M.A. (C.U.A.), LL.B. (Dal.), Lecturer in Bankruptcy.
- F. D. Smith, K.C., Lecturer in Shipping.
- Hon. John Douth, K.C., B.A., LL.B. (Dal.), Justice of the Supreme Court of Nova Scotia, Lecturer in Evidence.
- J. A. Hanway, K.C., LL.B. (Dal.), Chairman of the Board of Public Utilities, Lecturer in Procedure.
- R. M. Fielding, K.C., M.L.A., B.A., LL.B. (Dal.), Lecturer in Crimes.
- L. W. Fraser, K.C., LL.B., (Dal.), Lecturer in Constitutional Law.
- Dean of the Faculty, \*Professor V. C. MacDonald.  
Secretary and Acting Dean of the Faculty, Professor John Willis.

## Special Lecturers, 1941-42.

- Hon. R. H. Graham, K.C., B.A., LL.B. (Dal.), Justice of the Supreme Court of Nova Scotia, Discrete Jurisdiction.
- W. D. Outhit, LL.B. (Dal.), Registrar of Probate, Probate Practice.
- J. W. Godfrey, K.C., B.A. (Dal.), B.C.L. (Oxon.), Foreclosure.
- R. J. Finn, LL.B. (Dal.), Halifax City and County Magistrate, Summary Convictions.
- W. Marshall Rogers, K.C., B.A., LL.B. (Dal.), Company Formation.

\*On leave for the duration.

## FACULTY OF MEDICINE, 1942-43.

- 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.*
- Eliud Gordon Young, B.A., M.Sc. (McGill), Ph.D. (Cantab.), F.R.S.C., *Professor of Biochemistry, 36 Oakland Rd.*
- Ralph Paterson Smith, M.D., Ch.B. (Glas.), D.P.H. (Glas. et Edin.), *Professor of Pathology and Bacteriology, 28 Chestnut St.*
- Kenneth A. MacKenzie, M.D., C.M. (Dal.), F.R.C.P. (C.), *Professor of Medicine and Clinical Medicine, 301 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, 17 Parkwood Terrace.*
- 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.C., M.D., C.M. (Dal.), F.R.C.S. (Edin. & Can.), *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. (Edin.), F.R.S.E. & C., Dr. D. G. J. Campbell Memorial Professor of Anatomy, 47 LeMarchant St.
- Harry Goudge Grant, M.D., C.M. (Dal.), M.R.C.S., L.R.C.P. (Lond.), *Professor of Preventive Medicine, 12 Waegwoitic Ave.*
- 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, 322 Spring Garden Rd.*
- C. Beecher Weld, 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 Eye, Ear, Nose and Throat, 244 Morris St.*
- W. Alan Curry, B.A. (Dal.), M.D., C.M. (McGill), F.R.C.S. (Eng.), *Professor of Surgery and Clinical Surgery, 121 South Park St.*
- Muriel Kilburn McPhail, B.A. (B.C.), Ph.D. (McGill), *Professor of Pharmacology, 111 Tower Rd.*
- Gordon E. Wiswell, M.C., B.A., M.D., C.M. (Dal.), *Professor of Paediatrics, 188 Robie St.*

- James R. Corston, B.A., M.D., C.M. (Dal.), F.R.C.P. (C.), *Associate Professor of Medicine and Clinical Medicine, 48 Coburg Rd.*
- Hugh W. Schwartz, M.D., C.M. (Dal.), F.A.C.S., *Associate Professor of Diseases of the Eye, Ear, Nose and Throat 183 South Park St.*
- Richard Lorraine de Chastoney Holbourne Saunders, M.B., Ch. E., M.D. (Edin.), *Associate Professor of Anatomy, 28 Robie St.*
- \*Hugh Davson, M.Sc., D.Sc. (Lond.), *Associate Professor of Pathology.*
- Robert Orville Jones, B.Sc., M.D., C.M. (Dal.), *Associate Professor of Psychiatry, 218 Robie St.*
- George F. Skinner, M.D., C.M. (McGill), F.R.C.S. (Edin. & Can.), F.A.C.S., *Associate Professor of Surgery, 36 Coburg St., Saint John, N. B.*
- Norman Skinner, M.D., C.M. (McGill), *Associate Professor of Medicine, 19 Coburg St., Saint John, N.B.*
- George M. White, M.D., C.M. (McGill), L.M.C.C., M.R.C.O.G., F.A.C.S., *Associate Professor of Obstetrics and Gynecology, 43 Wellington Row, Saint John, N.B.*
- \*T. M. Sienkiewicz, M.D., C.M. (Dal.), *Assistant Professor of Medicine and Clinical Medicine.*
- Clyde W. Holland, B.A., M.D., C.M. (Dal.), F.R.C.P. (C.), *Assistant Professor of Medicine and Clinical Medicine, 241 Spring Garden Rd.*
- C. E. Kinley, M.D., C.M. (Dal.), F.A.C.S., *Assistant Professor of Surgery and Clinical Surgery, 371 Spring Garden Rd.*
- \*V. O. Mader, M.D., C.M. (McGill), F.R.C.S. (C.), *Assistant Professor of Surgery and Clinical Surgery.*
- N. H. Gosse, M.D., C.M. (Dal.), F.A.C.S., *Assistant Professor of Surgery and Clinical Surgery, 248 Spring Garden Rd.*
- W. G. Colwell, M.D., C.M. (Dal.), *Assistant Professor of Obstetrics and Gynecology and Demonstrator in Practical Obstetrics, 84 Seymour St.*
- W. L. Muir, M.D., C.M. (McGill), *Assistant Professor of Surgery in charge of Anæsthesia, 249 Jubilee Rd.*
- R. W. M. MacKay, M.D., C.M. (Dal.), F. A. P. A., *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.*
- J. V. Graham, M.D., C.M. (Dal.), F.A.C.S., *Assistant Professor of Surgery and Demonstrator in Anatomy, 51 Coburg Rd.*
- J. W. MacIntosh, M.D., C.M. (Dal.), F.A.C.P., *Assistant Professor of Medicine and Clinical Medicine, and Instructor in Psychiatry, 39 Coburg Rd.*

- Hon. F. R. Davis, M.D., C.M. (Dal.), *Assistant Professor in Surgery.*
- A. R. Morton, M.D., C.M., (Dal.), D.P.H. (J. H. U.), *Assistant Professor of Preventive Medicine, 2 Brenton Place.*
- N. Barrie Coward, M.D., C.M. (Dal.), *Assistant Professor in Medicine, Instructor in Podiatry, 23 Oxford St.*
- H. W. Kirkpatrick, M.D., C.M. (Dal.), *Assistant Professor in Diseases of the Eye, 50 Vernon St.*
- A. E. Doull, Jr., M.D., C.M. (Dal.), *Assistant Professor in Diseases of the Eye, 28 Chestnut St.*
- R. H. Stoddard, M.D., C.M. (Dal.), F.A.C.S., *Assistant Professor in Diseases of the Eye, Ear, Nose and Throat, 313 Barrington St.*
- Karl M. Wilbur, M.A. (Ohio State), Ph.D. (Penn.), *Assistant Professor of Physiology, 155 South Park St.*
- H. Bruce Collier, M.A., Ph.D. (Tor.), *Assistant Professor of Biochemistry, 5 Coburg Apts., Robie St.*
- \*H. E. Taylor, M.D., C.M. (Dal.), M.R.C.P. (Edin.), *Assistant in Pathology.*
- L. E. Woolmer, M.D., C.M. (Dal.), *Assistant in Pathology, 33 LeMarchant St.*
- Elizabeth Smith Bean, B.A. (Cinn.), M.A., Ph.D. (Wis.), *Instructor in Histology and Embryology, 23 Chestnut St.*
- P. A. Macdonald, M.D., C.M. (McGill), *Chief of Clinic and Demonstrator in Practical Obstetrics, 313 Spring Garden Rd.*
- S. R. Johnston, M.D., C.M. (Dal.), *Lecturer in charge Department of Radiology, 96 Victoria Rd.*
- 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, 195 South Park 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 Gynaecology and Demonstrator in Practical Obstetrics, 137 South Park St.*
- \*J. Arnold Noble, B.A. (Acad.), M.B., Ch.B., F.R.C.S. (Edin.), *Lecturer in Surgery and Instructor in Clinical Surgery.*
- \*Edwin F. Ross, B.Sc., M.D., C.M. (Dal.), F.A.C.S., *Lecturer in Surgery and Instructor in Clinical Surgery.*
- \*C. M. Bethune, B.Sc., M.D., C.M. (Dal.), *Lecturer in Surgery and Instructor in Clinical Surgery.*
- H. L. Scammell, M.D., C.M. (Dal.), *Lecturer in Medicine, 194 Atlantic St.*
- A. L. Murphy, B.A., M.D., C.M. (Dal.), F.A.C.S., *Lecturer in Surgery and Instructor in Clinical Surgery, Cor. Inglis and Robie Sts.*

\*On leave for the duration.

- G. S. Kinley, *Lecturer in Materia Medica, 22 Oxford St.*
- \*H. D. O'Brien, B.A., M.D., C.M. (Dal.), F.A.C.S., *Instructor in Clinical Surgery.*
- \*Gordon A. Winfield, B.Sc., M.D., C.M. (Dal.), *Instructor in Clinical Urology.*
- J. W. Merritt, M.D., C.M. (Dal.), F.R.C.S. (C.), *Instructor in Clinical Surgery, 174 Oxford St.*
- A. M. Marshall, M.D., C.M. (Dal.), F.R.C.S. (Edin.), *Instructor in Clinical Surgery, 43 Armview Ave.*
- G. L. Cover, B.Sc., M.D., C.M. (Dal.), *Instructor in Clinical Surgery, 219 Spring Garden Rd.*
- C. S. Marshall, M.D., C.M. (Dal.), *Instructor in Medicine, 35 Beech St.*
- Louisa Wetherall, B.A. (Acad.), *Instructor in Psychiatry, 147 South Park St.*
- \*H. D. Hebb, B.Sc., M.D., C.M. (Dal.), *Demonstrator in Clinical Surgery.*
- Phillip Weatherbe, M.B., Ch.B. (Edin.), F.A.C.S., *Demonstrator in Clinical Surgery, 57 Coburg Rd.*
- \*J. G. D. Campbell, M.D., C.M. (Dal.), *Demonstrator in Paediatrics.*
- T. B. Asker, M.D., C.M. (Dal.), *Demonstrator in Clinical Surgery, 148 Henry St.*
- J. C. Asker, M.D., C.M. (McGill), *Instructor in Clinical Surgery, 5 Tupper Grove.*
- A. E. Murray, B.A., M.D., C.M. (Dal.), *Demonstrator in Paediatrics, 23 Armview Ave.*
- J. R. MacLean, M.D., C.M. (Dal.), *Demonstrator in Clinical Urology, Lakewood, North West Arm.*
- Donald MacKay MacIae, B.Sc., M.D., C.M. (Dal.), *Demonstrator in Diseases of the Eye, Ear, Nose and Throat, 7 Preston St.*
- S. C. Saunders, M.B., Ch.B. (Edin.), *Demonstrator in Anatomy and Assistant in Pharmacology, 94 Robie St.*
- Roberta Bond Nichols, B.A., M.D., C.M. (Dal.), *Demonstrator in Anatomy and Anaesthesia, 245 Tower Rd.*
- Margaret Gosse, B.A., M.D., C.M. (McGill), *Demonstrator in Clinical Medicine, 240 Spring Garden Rd.*
- W. J. Dyer, B.Sc., M.D., C.M. (Dal.), *Demonstrator in Clinical Medicine and in Clinical Urology, 281 North St.*
- W. K. House, M.D. (Man.), F.R.C.S. (Edin.), *Demonstrator in Clinical Surgery, 123 Oxford St.*
- Gwendolen E. Matthews, M.R.C.S. (Eng.), L.R.C.P. (Lond.), *Demonstrator in Surgery, 361 Spring Garden Rd.*

On leave for the duration.

Jean Alexandra Peabody, B.A. (U.N.B.), *Statistical Assistant in Epidemiology, 36 Fenwick St.*

Dean of the Faculty, Dr. H. G. Grant.

Secretary of the Faculty, Professor Beane.

President Stanley  
Dean Grant  
Professor Beane, Secretary.

Committee on  
Studies and  
Attendance

Dr. Young  
Dr. Smith  
Dr. Mainland  
Dr. H. K. MacDonald  
Dr. K. A. MacKenzie  
Dr. Atlee

FACULTY OF DENTISTRY, 1942-43.

- Carleton Stanley, B.A. (Tor. et Oxon.), M.A. (Oxon.), LL.D. (Tor. et Me.), Litt. D. (Colo.), F.R.S.C., *President of the University.*
- S. G. Ritchie, B.A. (U.N.B.), D.M.D. (T.D.C.), *Professor of Dental Anatomy and Comparative Dental Anatomy and Prothetic Dentistry, 34 South St.*
- F. V. Woodbury, M.D., C.M. (Dal.), L.R.C.S., L.R.C.P. (Edin.), L.F.P.S. (Glas.), *Professor of Oral Surgery, Anæsthesia and Physical Diagnosis, 195 South Park St.*
- Wm. W. Woodbury, B.Sc. (Dal.), D.D.S. (P.D.C.), *Professor of Orthodontics, 216 Spring Garden Rd.*
- W. H. H. Hookwith, D.D.S. (U. of P.), *Professor of Operative Dentistry, 386 Barrington St.*
- W. C. Oxner, D.D.S. (E.C.D.S.), *Professor of Crown and Bridge Work and Ceramics, Birks Building.*
- J. Stanley Bagnall, D.D.S. (Dal.), F.A.A.R.D., *Professor of Dentistry, 78 Larch St.*
- G. R. Hennigar, D.D.S. (Univ. of Md.), *Professor of Exodontia and Radiology and Demonstrator in the Adult Clinic, Roy Building.*
- A. W. Faulkner, D.D.S. (Dal.), F.A.C.D., *Lecturer in Crowns and Bridge Work and Ceramics, 49 Göttingen St.*
- K. F. Woodbury, D.D.S. (Dal.), *Lecturer in Materia Medica, Demonstrator in Operative Infirmary, 177 South Park St.*
- G. A. Chudleigh, D.D.S. (E.C.D.S.), *Lecturer in Operative Dentistry, General Trust Building.*
- \*C. E. H. Chmo, D.D.S. (Dal.), *Lecturer in Prosthetic Dentistry.*
- \*H. S. Crosby, D.D.S. (Dal.), *Lecturer in Dental History, Jurisprudence, Ethics and Economics.*
- 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.*
- Ellen E. O. Adams, *Lecturer in Drawing and Modelling and Metallurgy, 42 McDonald St.*
- \*J. Arnold Noble, B.A. (Acad.), M.B., Ch.B., F.R.C.S. (Edin.), *Lecturer in Surgery.*
- A. M. Marshall, M.D., C.M. (Dal.), F.R.C.S. (Edin.), *Lecturer in Surgery, 42 Armview Ave.*
- \*W. G. Dawson, D.D.S. (Dal.), *Demonstrator in Dental Metallurgy.*
- John W. Dubson, D.D.S. (Dal.), *Demonstrator in Operative Infirmary, 301 Harrington St.*
- I. K. Lubotsky, D.D.S. (Dal.), *Demonstrator in the Adult Clinic, 59 Göttingen St.*
- F. R. Duxbury, D.D.S. (Dal.), *Demonstrator in the Adult Clinic, Farquhar Bldg.*

\* On leave for the duration.



**G. M. Lewis, D.D.S. (Dal.),** Demonstrator in the Adult Clinic,  
Lecturer in History, 49 Gottingen St.

**A. A. Dunlop, D.D.S. (Dal.),** Lecturer in Economics, Farquhar  
Bldg.

\***W. H. Jost, B.A., LL.B. (Dal.),** Lecturer in Jurisprudence.

\***W. C. Dowell, D.D.S. (McGill),** Demonstrator in the Adult  
Clinic.

**A. S. Fastillo, B.A., LL.B. (Dal.),** Lecturer in Jurisprudence,  
35 Bedford Row.

**Alexander Gordon Nuttall, M.D. (Vienna, Rome), D.D.S.**  
(Dal.), Demonstrator in the Adult Clinic, Roy Building.

**William M. Sinclair, B.D.S. (U. of Lond.), L.D.S., R.C.S.**  
(Eng.), Assistant Demonstrator in Operative Infirmary, 341  
Spring Garden Road.

**O. Gardner, Technician in Prosthetic Dentistry, 42 LeMarchant  
St.**

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

Secretary of the Faculty, Dr. Bagnall.

Committee on  
Studies and  
Attendance

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

## Dalhousie University

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

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

In 1863, the Presbyterian Church of the Lower Provinces suppressed its colleges at Truro and Halifax, and undertook the support of two Chairs, and the Church of Scotland in Nova Scotia undertook to support another Chair. Thus supported Dalhousie made a fresh beginning, with six professors. So carefully chosen were these men, and so vitalizing 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.

\* On leave for the duration.

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 many 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 Kerkhofner 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 Oxford, as Dalhousie was modelled on Edinburgh. *ἡ τῆς Σαφοδότητος ἐπιλήθρη ἀρροία.*

## BENEFACTIONS.

<b>Presbyterian Church of the Lower Provinces.</b>			
1862. Per annum about	£350		
Support of two Professors. Withdrawn on death of first two incumbents.			
<b>Church of Scotland.</b>	1882.	Part of	£550
Endowment Chair of Mathematics.			
<b>Alexander McLeod.</b>	1882.	\$ 63,000	
Endowment of Chairs in Classics, Modern Languages and Chemistry.			
<b>Mrs. Harriet Mackenzie Morrison, Stornoway, Scotland.</b>	1887.	£1,000	
Foundation Mackenzie Bursary Fund.			
<b>Sir William Young, Chairman of the Board for over forty years prior to 1887. 1887.</b>			\$ 68,000
Towards erection of new building on Carleton Street.....		\$ 20,000	
Scholarships in Arts.....		4,000	

<b>George Munro.</b>	1879-1889.	About	\$ 350,000
Endowment of Chairs in Physics, History and Political Economy, English Literature, Law and Metaphysics. Tutorships in Classics and Mathematics. Exhibitions and Bursaries in Arts.			
<b>John P. Mott.</b>	1899.		10,000
"For the benefit of such College, so long as it shall remain and continue to be a non-sectarian institution."			
<b>Rev. Wm. McCulloch, D.D.</b>	1897.		1,000
Endowment and support of "Thomas McCulloch Museum."			
<b>Professor Charles Macdonald.</b>	1901.		2,000
Library Endowment.			
<b>Campaign.</b>	1901.	About	60,000
School of Mines.			
<b>Campaign Fund.</b>	1912.	About	400,000
Purchase of Studley. Erection of new buildings. Increase of Endowment.			
<b>Andrew Carnegie.</b>	1912.	(Of above Fund)	40,000
Towards the maintenance of the Science Departments.			
<b>New Glasgow Literary and Historical Society.</b>	1912.		1,000
Jetham Blunkard Fund for endowment of annual Scholarship.			
<b>Campaign.</b>	1909-1913.		17,500
For Increase of Salaries.			
<b>Dr. D. A. and Mrs. Campbell.</b>	1914.		61,500
Endowment of Dr. D. G. J. Campbell Memorial Chair of Anatomy.			
<b>Joseph Matheson, Lower L'Ardoise, C.B.</b>	1915.		15,000
"To be applied in such manner as to the said Governors shall appear best."			
<b>Lieut. George W. Stairs.</b>	1915.		5,000
"For the good of the University."			
<b>Professor John Johnson.</b>	1915.	Books and	1,000
"For the use of the Arts Library."			
<b>John Macnab.</b>	1916.	About	96,000
"Extending and maintaining the Library."			
<b>Mr. George S. and Mrs. Campbell.</b>	1917.		25,000
Creation of "George H. Campbell Scholarship Fund."			

<b>Dr. A. Ross Hill, President University of Missouri.</b>	<b>1917.</b>	<b>\$ 1,000</b>
Endowment "Agnes Baxter Library" Fund for Mathematics and Mathematical Physics.		
<b>Senator Wm. Dennis.</b>	<b>1919.</b>	<b>2,080</b>
For Eric Dennis Special Lecturers.		
<b>Senator Wm. and Mrs. Dennis.</b>	<b>1918-1929.</b>	<b>100,000</b>
Endowment "Eric Dennis Chair of Government and Political Science."		
	<b>1920.</b>	<b>1,000</b>
"For the purchase of books relating to the subject of Government and Political Science."		
<b>Campaign—Centennial (not including subscriptions for specific purposes).</b>	<b>1929.</b>	<b>439,000</b>
For general purposes.		
<b>Mrs. E. B. Eddy.</b>	<b>1920.</b>	<b>300,000</b>
For the erection of a Residence for Women.		
<b>Hon. William A. Black.</b>	<b>1921.</b>	<b>60,000</b>
Endowment "William A. Black Chair of Commerce."		
<b>Mrs. Elise Stewart Strathle.</b>	<b>1921.</b>	<b>1,500</b>
Foundation "Strathle Memorial Fund," for Philosophy Department of the Library.		
<b>Khaki University of Canada.</b>	<b>1921.</b>	<b>6,500</b>
Endowment "Khaki University and Young Men's Christian Association Memorial Scholarship Fund."		
<b>New Glasgow Relatives of Professor James Gordon MacGregor.</b>	<b>1922.</b>	<b>£4,000</b>
Endowment "James Gordon MacGregor Memorial" for Teaching Fellowship in Physics and Equipment Physics Laboratory.		
<b>Dr. A. M. Hebb, Dartmouth, N. S.</b>	<b>1922.</b>	<b>1,000</b>
Foundation "Dr. Clara Olding Prize" in Medicine.		
<b>Estate of Robert Bruce, Quebec.</b>	<b>1922.</b>	<b>57,500</b>
One-seventh of income from Bursaries and Scholarships.		
<b>Mrs. Edith J. Richardson.</b>	<b>1923.</b>	<b>1,000</b>
For Shirreff Hall.		
<b>Halifax Branch of the Overseas League.</b>	<b>1925.</b>	<b>1,000</b>
Essay Prize.		
<b>Miss Belle C. Crowe, Madison, Wisconsin.</b>	<b>1925.</b>	<b>10,000</b>
(On the death of her sister). Reversion of Foundation "Belle Crowe Fellowship Fund," for a Fellowship in Inorganic Chemistry.		
<b>Rev. Joseph and Mrs. Hale, Dartmouth, N.S.</b>	<b>1925.</b>	<b>1,000</b>
Foundation "Katherine M. Buttenshaw Scholarship Fund for the encouragement of the study of Advanced Mathematics."		

<b>Dr. John Ferguson Black, Stone, England.</b>	<b>1926.</b>	<b>\$ 1,000</b>
For Surgical Teaching.		
<b>Estate of J. T. Shirreff.</b>	<b>1926.</b>	<b>250,000</b>
(On the death of his widow). For "Eddy-Shirreff Foundation" especially for the extension to Shirreff Hall.		
<b>Colonel R. W. Leonard, St. Catharines, Ont.</b>	<b>1926.</b>	<b>35,000</b>
Endowment "Leonard Science Library of Periodical Literature."		
<b>George S. Campbell.</b>	<b>1927.</b>	<b>portion of Estate, 2,000</b>
Foundation for a "George S. Campbell Chair or Chairs."		
<b>Estate of Senator Dennis.</b>	<b>1927.</b>	<b>2,000</b>
Eric Dennis Government and Political Science Library Fund.		
<b>Children of Rev. George Patterson, D.D.</b>	<b>1928.</b>	<b>4,000</b>
Foundation of "Rev. George Patterson, D.D. Travelling Library."		
<b>Estate of Mr. Justice T. Sherman Rogers.</b>	<b>1928.</b>	<b>1,600</b>
"For the improvement of the Library in Law."		
<b>W. J. G. Thomson.</b>	<b>1929.</b>	<b>2,000</b>
For general purposes.		
<b>British Empire Steel Corporation.</b>	<b>1923-1929.</b>	<b>30,000</b>
For the encouragement of Scientific Research.		
<b>Dr. Mary S. Ross.</b>	<b>1924-1929.</b>	<b>750</b>
For library purposes.		
<b>Mrs. J. Ross Smith.</b>	<b>1930.</b>	<b>3,000</b>
Foundation "Eosa Stewart Smith Scholarships" in Medicine and Science.		
<b>Miss Mary Burris, Boston, Mass.</b>	<b>1928.</b>	<b>Reversion of large portion of her Estate.</b>
Foundation of a Foreign Travelling Scholarship, of her Estate.		
<b>Sir James H. Dunn, London, England.</b>	<b>1916.</b>	<b>1,600</b>
For Microscopes for Biology Department. Towards Endowment of the Weldon Memorial Chair of Law.		
<b>C. H. Mitchell.</b>	<b>1923-1921.</b>	<b>1,045</b>
For Departments of Biology and Chemistry, and Students' Loan Fund.		
<b>Rev. Byron Urtle Hatfield, Westerly, Rhode Island.</b>	<b>1921.</b>	<b>Residuary legatee of Estate.</b>
<b>Dr. W. H. Hattie.</b>	<b>1921.</b>	<b>Residuary legatee.</b>
(On the death of Mrs. Hattie).		
<b>James D. McKenna, Sussex, N. E.</b>	<b>1925-1922.</b>	<b>5,000</b>
Foundation "The Elizabeth McKenna Scholarships."		
<b>Dr. Donald Macgillivray.</b>	<b>1922.</b>	<b>Bronze Bust of 9th Earl of Dalhousie, the work of Massey Rhind, A.R.S.A.</b>

Hallifax Visiting Dispensary. "For the Public Health Clinic."	1929 and 1932.	\$ 1,000
Junior League of Halifax. For Immunization Clinics.	1932-1940.	1,500
Estate of A. M. Banks. For general purposes.	1924-1935.	4,500
Estate of Dr. Eliza Ritchie. For University Library.	1925.	500
Massachusetts-Halifax Health Commission. Foundation of "The Commonwealth of Massachusetts Endowment Fund."	1933.	13,539
Miss Grace D. Burris, Upper Musquodobolt, N.S. For Travelling Scholarships.	1933. of Estate.	
Anonymous.	1923-1938.	5,000
Emergency Committee in Aid of Displaced Foreign Physicians.	1934-1938.	1,533
O. E. Smith Trust.	\$ 1936.	20% of the income from a Trust fund.
Estate of Mrs. Margaret F. Trueman. For expenditure on suggestions of Alumnae Association.	1938.	1,000
Estate of Mrs. E. B. Eddy. Establishment "Eddy-Skirreff Foundation," for "improvement and maintenance of Skirreff Hall," "to complete Skirreff Hall," "loans, scholarships, or other method of assisting worthy young women." For "Eddy-Skirreff Foundation" (residue).	1929-1935.	350,030 75,777
Anonymous. Hector McInnes Memorial Fund for Scholarships.	1936-1937.	57,500
Estate of Charles M. Macdonald.	1937.	1,000
Estate of Mrs. A. I. Huddleston.	1937.	2,000
Estate of Walter A. Black. For general purposes.	1935.	5,000
Commercial Club of Halifax. Scholarships.	1912-1931.	3,233
Estate of Dr. J. A. Lippincott. For Department of Physics and the University Library.	1939.	12,202
Anonymous. For Medical and Dental Library.	1939.	5,000
Hugh Graeme Fraser Memorial Fund. For Prize in Advanced Chemistry. Additional paid in cash for Prizes.	1931-1939.	910 150

A. E. Wiswell. For Medical and Dental Library.	1925-1939.	\$ 1,900
A. H. Buckley. For Medical and Dental Library.	1930-1940.	500
Estate of Prof. Howard Murray. For improvement of Department of Classics and a scholarship in Classics.	1940.	12,857
Canadian Council on Nutrition, Ottawa. For nutritional survey.	1949.	2,500
Peter R. Jack. For Medical and Dental Library.	1942.	1,000
Estate of Alexander Ross For Arts and Law Libraries. For Medical Library.	1942.	about 102,000 500
Estate of Miss Sarah M. Lawson For a prize in Botany.	1942.	8,102
Estate of William Mushkat. For "Mushkat Memorial Essay Prize."	1942.	1,000
Estate of Prof. K. G. T. Webster	1943.	1,000

From this point on the list of donors is in alphabetical order.

Alumnae Association. For Patterson Travelling Library. Furnishings, Skirreff Hall, and stained glass window in memory of Mrs. Eddy.	1920-1930.	\$ 500
Alumni Association. For erection of Macdonald Memorial Library. For Biology Chair. Towards erection of Gymnasium. For the Gymnasium Fund.	1922-1934. over 6,620	
Alumnae and Alumni Associations. Subscriptions to the Gymnasium Fund.	1922-1941.	7,296
Anonymous. Barbery in Arts and Science School.	1940 to date.	1,048
Anonymous. For Anatomy Prizes.	1933 to date.	735
Anonymous. For "Robert Maciellax Scholarship."	1935 to date.	600
Anonymous. For the Department of Surgery.	1941.	7,500
Anonymous. For purposes to be determined by the donor.	1942.	10,000
Banting Research Foundation Toronto. For research in Biochemistry.	1940 to date.	2,064

<b>Right Honourable Viscount Bennett, F. C.</b>		
<i>Residence for the President of the University.</i>	1925.	\$ 20,000
<i>Towards Endowment of the Weldon Memorial Chair of Law.</i>	1928.	25,000
<i>Books for the Law Library and for Shirreff Hall.</i>	1921-1929.	4,500
<b>Carnegie Corporation of New York.</b>		
<i>For damage done by Explosion.</i>	1918.	about 21,000
<i>Development of Medical School.</i>	1920.	509,000
<i>For improvement of clinical facilities</i>		
<i>  Greece Maternity Hospital.</i>	1922.	50,000
<i>  Fine Arts Teaching Collection.</i>	1926.	Valued at 10,000
<i>  Endowment.</i>	1929.	400,000
<i>For the joint benefit of King's College and Dalhousie University.</i>	1929.	600,000
<i>For current deficits.</i>	1924-1926.	190,000
<i>For Dental Library.</i>	1929-1929.	2,000
<i>Endowment for Geology.</i>	1933.	125,000
<i>Holo Research.</i>	1934.	1,500
<i>For the University Library.</i>	1932-1934.	9,000
<i>Research in Pathology.</i>	1934-1935.	4,900
<i>Professorship in Geriatrics.</i>	1934-1935.	8,000
<i>Development of the Medical and Dental Library.</i>	1935.	50,000
<b>The Carswell Co., Limited, Toronto.</b>	1922 to date.	2,135
<i>Law Prizes.</i>		
<b>Cogswell Library Fund.</b>	1916 to date.	6,535
<i>For Medical Library.</i>		
<b>Dalhousie Club of New York.</b>	1929 to date.	2,376
<i>Scholarship endowment.</i>		
<b>Dalhousie Loyalty Fund.</b>		
<i>Pledges to Feb. 28, 1943.</i>		57,880
<i>Cash received.</i>		30,168
<b>Senator W. H. Dennis.</b>		
<i>English Prizes for Prose and Poetry.</i>	1922 to date.	12,600
<i>For Medical and Dental Library.</i>	1928.	500
<b>Hon. Mr. Justice John Doull.</b>	1927 to date.	500
<i>For the Law School.</i>		
<b>Chas. E. Frosst and Company, Montreal.</b>	1946 to date.	1,909
<i>For research in Biochemistry.</i>		
<b>Gifts obtained through Professors.</b>		
<i>For Arts, Law, Medical, and Dental Libraries.</i>	1925 to date.	2,630
<b>Hebrew Societies.</b>	1935 to date.	2,004
<i>B'nai B'rith.</i>		
<i>Cape Breton, Western Nova Scotia, and sections of New Brunswick.</i>		
<i>For Scholarships.</i>		
<b>Ell Lilly and Company, Indianapolis.</b>	1913.	500
<i>For Research in Pharmacology.</i>		

<b>W. K. Kellogg Foundation, Battle Creek, Michigan.</b>		
<i>For Scholarships and Loans.</i>	1942 to date.	\$ 14,500
<i>Faculty of Medicine.</i>		11,000
<i>Faculty of Dentistry.</i>		
<b>Maritime Dental Supply Company Ltd.</b>	1927 to date.	675
<i>For Dental Prizes and the Dental Library.</i>		
<b>Dr. A. F. Miller.</b>	1923 to date.	
<i>For Prizes, Faculty of Medicine.</i>		425
<i>For use of Medical School.</i>		289
<b>Dr. Wm. Inglis Moore.</b>	1922-1929.	
<i>Collection of books, book-cases, busts, maps, mahogany table, 21 mahogany chairs, pictures, safe, etc.</i>		
<i>For Endowment of "Moore Collection".</i>	1935-1937.	10,900
<i>For Medical and Dental Library.</i>	1935.	1,000
<i>For Prizes.</i>	1922-1940.	2,150
<i>For other purposes.</i>	1922-1941.	4,739
<b>National Research Council, Ottawa.</b>	1940 to date.	
<i>For research in Biochemistry.</i>		4,191
<i>For research in Pharmacology.</i>		926
<i>For research in Physiology.</i>		609
<i>For research in Chemistry.</i>		459
<i>For research in Zoology.</i>		200
<b>North British Society.</b>		
<i>North British Society Centennial Bursary.</i>	1925 to date.	5,240
<i>Allen Poitok Scholarship.</i>	1922 to date.	4,400
<b>Nova Scotia Dental Association.</b>	1912 to date.	
<i>For Dental Library.</i>		8,420
<i>Dental Prizes.</i>		1,175
<b>Lt.-Col. Sidney C. Oland.</b>	1923 to date.	1,200
<i>For Scholarships.</i>		
<b>Rockefeller Foundation.</b>		
<i>Development of the Medical School.</i>	1920.	590,000
<i>For improvement of clinical facilities</i>		
<i>  Grace Maternity Hospital.</i>	1922.	50,000
<i>For the teaching of Hygiene.</i>	1928-1929.	9,197
<i>For study of Morbidity in Nova Scotia.</i>	1937-1938.	10,000
<i>For study of the impact of the war on the economy of the Maritime Provinces.</i>	1940.	7,500
<i>Department of Epidemiology.</i>	1923-1941.	65,000
<i>For training and research in Public Administration.</i>	1938-1941.	60,000
<i>Additional grant (as above) over two-year period.</i>	1941.	20,000
<i>For development of teaching in Psychiatry (over a three-year period).</i>	1941.	15,000
<b>Hon. Dr. J. C. Tooy.</b>		
<i>For University Library, Students' Loan Fund and Biology Department.</i>	1927-1933.	1,675
<i>For Medical and Dental Library.</i>	1938.	over 50,000
<b>Weldon Memorial Chair of Law.</b>	1925 to date.	40,805
<i>Endowment.</i>		

### MUNRO DAY.

On July 8, 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. H. 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** has been so styled since 1906, when the Pure Science part of the Science Faculty, established in 1877, joined Arts. ("Applied Science", then called the Faculty of Engineering, was discontinued in 1909 on the opening of the N. S. Technical College).

**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 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 Dentistry** was organized in 1908 in affiliation with the Maritime Dental College. In 1912 the Dental College discontinued its work, and instruction in all subjects of the curriculum is now carried on by the Faculty of Dentistry.

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

Since 1928 Dalhousie University has cooperated with the **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 Alumni Association have the selection of three members of the Board. The Governors have the management of the funds and property of the College, the power of appointing the President, Professors and other officials, and of determining their duties and salaries, and the general oversight of the work of the University.

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

**The Faculties** consist of the members of the teaching staff in each of the four main domains of study in which courses can be pursued at the University, namely, Arts and Science, Law, Medicine and Dentistry. To them are intrusted by the Senate, subject to its approval, the supervision of the teaching, the preparation of regulations governing courses of study, and the recommendation of suitable candidates for prizes, scholarships, diplomas and degrees.

### DEGREES AND COURSES.

The degree of Doctor of Laws may be conferred *honoris causa* *matam* 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 institution.

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

**Engineering Courses.**—A course in Engineering is offered in the Faculty of Arts and Science. This course extends over three years and corresponds to the work prescribed by the Nova Scotia Technical College for admission to the courses for a degree in Civil, Mechanical, Electrical or Mining Engineering. A diploma will be issued to those completing the course satisfactorily.

**Affiliated Courses.**—By a proper selection of elective subjects in his course, a student 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 pre-medical 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 Examinations 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 1 and New Testament Greek 1 conducted at this college are recognized as qualifying for the degree in Arts at the University. Arrangements have been made whereby students may reduce to six years the time required to take the degree of B. A. from the University and complete the Divinity course at the Pine Hill Divinity Hall.

#### Prince of Wales College.

Principal..... 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 course without further examination, and may receive credit in classes of the first and second years.

#### Memorial University College.

President..... Albert G. Hatcher, M.A., 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 qualification required for the degree of Bachelor of Music and for the Diploma of Licentiate of Music.

#### The Maritime College of Pharmacy.

Dean..... G. A. Burbridge.

The University recognizes the teaching of the Maritime College of Pharmacy as part of the qualification required for the degree of Bachelor of Science (Pharmacy).

#### Halifax Ladies College.

Principal..... Miss Marion H. Dauphinee, B.A. M.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.

#### 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 64,800 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 practicing physicians in the Maritime Provinces. The new Medical and Dental 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 90,000 volumes and pamphlets), the Legislative Library (44,000 volumes), the Library of Pine Hill Divinity Hall (25,000 volumes and, in addition, valuable records), and the Nova Scotia Barristers' Society Library (14,000 volumes).

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

#### THE MUSEUM.

The Museum consists chiefly of the *Thomas McCulloch*, the *Palmeren* 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* 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. Students withdrawing from the University or intending to discontinue the work of any class must notify the Registrar.

**Students' Health Service.**

1. All students of the University are required to receive 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., registered 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 3-8438).

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 12. 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 are available for students of Dalhousie University to the extent of the accommodation not needed by these

institutions. For information and reservations application should be made to the secretary.

**A list of approved boarding houses near the University is available in September and may be obtained from the Office of the Business Manager, Dalhousie University, to whom communications should be addressed.**

#### Church Attendance.

All students not residing with parents or guardians are invited to report to the University Office on or before October 19 the churches which they intend to make their place of worship during the session. Intimation will be made to the various clergymen of the city of the names and addresses of the students who have chosen their respective places of worship.

#### Discipline.

The Senate may use all means deemed necessary for maintaining discipline. Every professor or officer of the University is required to report cases of improper conduct that may come under his notice. Students conducting themselves in an unbecoming manner on or beyond the premises of the University during the session, may be fined, suspended, or expelled from the University. Since the formation of the Council of the Students in 1912, that body holds an investigation and reports its finding to the Senate for action and may recommend penalties to be inflicted.

Irregularity of attendance, except for approved reasons, or neglect of or unsatisfactory progress in studies shall be regarded as sufficient cause for dismissal from one or more classes, or, in extreme cases, from the University. Any Faculty may, at its discretion, ask the Senate to dismiss from classes for the remainder of the session students whose progress in studies is unsatisfactory.

Students are expected to be in attendance on the first day of term, and to remain in attendance until the last day of term, as set forth in the calendar. Wilful infraction of this rule is subject to the penalty of a fine to be determined by the nature and duration of absence.

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

#### 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 except Saturday and Sunday.

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 at 4 p.m. on any day, and must be returned before 10 a.m. the following morning.

Not more than two books may be borrowed at one time by a student not in an Honour course, not 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 \$5,500.

An application for a loan should be made to "The Committee, Students' Loan Fund", and will be considered only from a student of Undergraduate standing in the Faculty of Arts and Science who has attended the University for at least one year, has the approval of the Dean 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. 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.

#### \*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 any deductions, 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.

#### Articles Lost and Found.

Students are required to report promptly at the University Office the loss or finding of any article in or about the University buildings or grounds.

The University will not accept any responsibility whatever for books, clothing, etc., lost or removed from University premises.

#### 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 required to pay the regular Students' Council fee, during their second session, as for the first, if they wish to participate in the privileges outlined above.

\*Discontinued for the duration.

### 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.
- L.L.—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.
- L.L.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. 77).

### 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 29 and 30 and that special lectures for them begin on October 1.

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 24-27.

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

Persons of good moral character may be admitted to certain classes as Special Students without formal examination, provided they are deemed qualified by the Committee on Admission to profit by the work of the class or classes selected.

### Matriculation.

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

#### For B.Sc.:

- (1) English; (2) French or German; (3) Algebra; (4) Geometry; (5) Greek or Latin, 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, Biology, †Music, Trigonometry, or another foreign language.

#### For B. Com.:

As for B. Sc.

\* In exceptional cases students, who for special reasons are deficient in one subject of matriculation (or two) 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.

† See Page 27

**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 55.

**For LL.B.:**

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

For further particulars, see page 113.

**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.

**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) Physics or Chemistry; (6 and 7) Two other Matriculation subjects, e.g. History and Chemistry or Physics or a second foreign language.

For information regarding the course in Engineering see pages 59 and 60.

**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.

\*See footnote page 4.  
† See page 27.

**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 25 to 29, 1943. 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, Ancient or Modern)	Greek	Physics
Algebra	Latin	Chemistry
Geometry	French	Botany
	German	†Music

**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 20, 1943.*

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 *Ostler's 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*.

\*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 27.

**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 pentagons in their relation to circles, the subject matter of the first four books of Euclid, as discussed in any high school geometry.

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

**Greek.**—As under Latin.

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

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

The book prescribed is: Wedeck: *Third Year Latin*; pp. 1-25. (Cicero: *First Oration against Catiline*), pp. 213-235. (Selections from Ovid), pp. 135-196. (Miscellaneous).

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

**French.**—As for Grade XI Provincial Examinations in Nova Scotia. Texts at present prescribed are: M. Dondo: *Modern French Course*, Lessons 31 to 50. Forrest: *French Poetry*, Selections 36 to 70. Manby: *Eight French Stories* (omitting the eighth story). La Briche: *Mon oncle et mon caré*. Equivalent work will be accepted.

Candidates will be expected to show a knowledge of the fundamentals of French grammar including the full conjugation, of regular verbs and of the principal irregular verbs and of the use of the principal parts of speech. Ability to translate simple texts from French into English will be required.

**German.**—B. J. Vos: *Essentials of German*, to end of Lesson 26. Egarter-Collins: *First German Reader*, stories ("Lesenstücke") Nos. 5, 8, 10 and 12. Thoma: *Lehrbuchgeschichte* (Heath). Equivalent work will be accepted.

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

**Chemistry.**—The extent of knowledge expected is such as may be gained from standard Grade XI High School text.

**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*.

**Biology.**—General outline as in L. L. Woodruff: *Fundamentals of Biology* or the equivalent.

**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 License of New Brunswick.
- Honour Diplomas, or Certificates, entitling to a First Class License, as issued by Prince of Wales College, or a First Class License issued by the Education Department of Prince Edward Island.
- 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.

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

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

The Academic Year begins September 29, 1943, and ends May 16, 1944.

### For General University Regulations.

(V. p. 16, et seq.)

### GENERAL FACULTY REGULATIONS.

#### Admission to Classes.

1. Candidates for a degree must pass the Matriculation examinations (p. 23 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, may be refused admission to more than three undergraduate classes.
3. No undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications (see p. 78 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 without special permission.
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 prescribed 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 that 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 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. 41, 42).

### 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 30, may be allowed the Supplementary examination in that 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 obtain credit for this class only by passing a Special\* examination.

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 for registered students 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 23, the fee (see p. 77) to be remitted with the notice.

\* 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.



### 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 diplomas in Education, in Mining Geology, and for the diploma in Pharmacy issued by the Maritime College of Pharmacy (See p. 57).

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 course of study for the degree of Bachelor of Science and for a diploma in Mining Geology extends over four years from Grade XII. (See pp. 28-39 and 29-40).

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. 60-62).

The course of study for the degree of Bachelor of Commerce extends over four years. (See pp. 43).

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. 55-56).

### 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 Greek or Latin.
- (ii) One class in one, not already chosen, of the following languages: Greek, Latin, French, German, Spanish.
- (iii) Two classes in English.
- (iv) History I, Mathematics I.

\* See pages 44-50 for Honour Courses.

(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 Greek and Latin);
- 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);
- Music;
- Philosophy (including Psychology);
- Physics;
- Political Science.

For details of classes in the above departments see Classes of Instruction, page 79, et seq.

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

Lists of the elective classes chosen by students must be submitted for approval not later than Wednesday, October 13, 1943.

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

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

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

#### Second Year.

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. 33.

A student's richest experience will be gained if he explores the history of human endeavour and discovery, in an orderly, progressive way. It should be remembered that some subjects are fundamental to others. Mathematics, for example, is the key to science, and to much else. Our western civilisation is based on the civilisation of the ancient Mediterranean world. Again, a university student in Arts has missed his opportunities if, at the end, he has not mastered at least one other language and much of another literature than his own.

The Faculty of Arts and Science suggests the following courses as possible paths to a degree. The list is not rigid or exhaustive; for example, English and Modern Languages, Classics and History, History and Political Science are other desirable groupings. A student who feels drawn to a subject, or group of subjects, should, from the outset, consult the professors concerned.

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

## I. CLASSICS

### First Year.

1. Greek 1 or Latin 1.
2. One class in Greek, Latin, French, German or Spanish.
3. English 1.
4. Mathematics 1.
5. One class in Physics, Chemistry, Geology, or Biology.

### Second Year.

1. Greek 2 or Latin 2.
2. One class in Greek, Latin, French, German, or Spanish.
3. English 2.
4. History 1.
5. One class from History 2, Philosophy 1, Mathematics 2, a Science class.

### Third Year.

1. Greek 3 or Latin 3.
2. Another course in Greek or Latin.
- 3, 4, 5. Three classes so selected that at least two of them should be in one Department. The Departments recommended are: Classics, Divinity, English, Modern Languages, History, Philosophy, Political Science, Economics.

### Fourth Year.

1. Greek 4 or Latin 4.
2. Another class in Greek or Latin.
- 3, 4, 5. Three classes so selected that at least two of them should be in one Department. The Departments recommended are the same as in the third year.

## 2. ENGLISH AND HISTORY

The number of suitable courses that can be arranged for students interested in English or History is so large, and subject to so much variation to suit individual needs, that any specimen courses offered should be considered merely as a guide to the method of selection and arrangement. Courses in English will vary with the period and type of literature, courses in History with the period and country that are most useful or attractive to the student concerned. Some students will wish to combine History with Modern Languages or Classics, with Economics or Political Science rather than with English; others will combine English with classical or modern languages, or with reading in some other field besides History. In general, however, students chiefly interested in English should arrange their course to include corresponding periods of History, and vice versa. For example, a student interested in literature of the nineteenth century, should include in his course English 4 and 5, History 5 and 4; English 7 might be read with History 6, History 5 with English 15, and so on. A student interested in Canadian and American History would naturally elect most or all of History 8, 9, 10, 11 and 12, and with them English 8 and 11 would be suitable classes in English.

For suitable arrangements of classes the student should consult the Head of the Department in which he intends to do the greater part of his reading.

The following may be considered as a representative course selected from those available to students entering from Grade XI in 1943-44:

**First year (1943-44):** English 1, History 1, Mathematics 1, Greek 1 or Latin 1, French 1 or German 1.

**Second year (1944-45):** English 2, Greek 2 or Latin 2, Science 1, French 2 or German 2, History 3.

**Third Year (1945-46):** English 5, History 4, History 9, English 8, a fifth class from French or German, Economics 1, Political Science 1.

**Fourth Year (1946-47):** English 4, History 5, History 3, English 11, a fifth class from French or German, Economics 1, Political Science 1.

### 3. MODERN LANGUAGES

#### French.

1st year—French 1.

2nd year—French 2b. (Students taking French mainly for practical purposes, especially if they do not intend to take further classes, should take French 2a.)

3rd year—French 3 and one other class, e. g., French 4.

4th year—One or two classes dealing with literature, e. g., in 1943-44, French 5 and French 7.

#### German.

1st year—German 1.

2nd year—For students interested in literature—German 2. For science students—German 3.

3rd and 4th year—One or two of the literature classes offered in 1943-44, German 6 and 7.

Senior classes in French and German deal with certain literary periods. Students are recommended to take additional classes in History, English and Philosophy in which the same period is treated.

### 4. PHILOSOPHY

**First year:** English 1, Greek 1 or Latin 1, a second foreign language, History 1, Mathematics 1.

**Second year:** English 2, Greek 2 or Latin 2, a science class, Philosophy 1 and one or more of Philosophy 2 and 6, Psychology 3.

**Third year:** Two or more of the following: Philosophy 3, 4, 5, 7, Psychology 2, 4, 5, 6.

**Fourth year:** Two or more further classes, chosen from Philosophy 3, 4, 5, 7, Psychology 2, 4, 5, 6.

Students in the third and fourth years choosing two classes in Philosophy alone, are strongly urged to take Philosophy 3 and Philosophy 4 together in the same year, and likewise Philosophy 5 and Philosophy 7.

### 5. ECONOMICS AND POLITICAL SCIENCE

Before entering the third year students should consult the Professor with whom they intend to do the greater part of their work. As a general rule they should plan to include in their course some work in Canadian History, American History or Modern European History. In the third and fourth years they should include a minimum of six classes in Economics and Political Science, two classes in History (e. g., History 4 and History 9), and two other classes.

**First Year:** English 1, Greek 1 or Latin 1, Mathematics 1, French 1, History 1.

**Second Year:** English 2, Greek 2 or Latin 2, Economics 1, Political Science 1, a science class.

Students interested in Biology, Chemistry, Geology, Mathematics, and Physics, will often prefer a course leading to the degree of B.Sc., and are referred to the requirements for that degree as stated on pp. 35-39. The following courses for the degree of B.A., may serve, however, to assist both Arts and Science students to arrange their courses.

### 6. BIOLOGY

**First year:** Greek 1 or Latin 1, English 1, French 1 or German 1, Mathematics 1, Biology 1.

**Second year:** Greek 2 or Latin 2, English 2, Chemistry 1, Physics 1, one class in Biology.

**Third year:** French 2 or German 2, History 1, Chemistry 2 or 4, two classes in Biology.

**Fourth year:** Two classes in Biology, Chemistry 4 or 2 (class not taken in third year), two electives.

The attention of students is directed to the fact that certain Biology classes are offered only in alternate years; therefore the order of classes will vary somewhat. The ones listed as "Biology" are to be selected from those outlined on pages 86 and 81.

### 7. GEOLOGY

The Department recommends courses leading to the degree of B. Sc. (including the diploma course in Mining Geology). Students interested in either the Arts or the Science course should consult the Head of the Department.

### 8. CHEMISTRY AND PHYSICS

**First year:** English 1, Mathematics 1, Greek 1 or Latin 1, French 1, Chemistry 1.

**Second year:** English 2, Mathematics 2, Greek 2 or Latin 2, History 1, Physics 1 or 2.

**Third year:** Mathematics 3, Chemistry 2, Physics 3, French 2, German A.

**Fourth year:** Chemistry 5, Physics 4, French 3, German 3, Philosophy 1.

### 9. MATHEMATICS AND PHYSICS

**First year:** English 1, Greek 1 or Latin 1, French 1, Mathematics 1, History 29, Chemistry 1.

**Second year:** English 2, Greek 2 or Latin 2, French 2, Mathematics 2, Physics 2.

**Third year:** German A, Mathematics 3, Mathematics 4, Chemistry 2, Philosophy 1.

**Fourth year:** German 3, Physics 3, Physics 4, Education 1.

#### Affiliated Courses

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

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

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

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

**C. Commerce.**—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. 33.

#### 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 English, Foreign Languages, History, Economics, Political Science and Philosophy.

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

\* The same regulations relative to students are true also for Dentistry.

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 13, 1943.

#### Order of Classes.

The following schedule in which the classes are arranged in years shows the order recommended for undergraduates; but students who intend to take one of the *Affiliated Courses* or to enter an *Honour Course* or wish to be eligible for first or second year Scholarships, should consult the Registrar early in their course about the right order of classes for the purpose.

#### First Year.

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

#### Second Year.

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

#### Third and Fourth Years.

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

#### 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

\* The same regulations relative to students are true also for Dentistry.

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 1, a Science class, a class in a Modern Language.
- (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 4.

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

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

#### ADVANCED STANDING ON GRADE XII CERTIFICATES.

Provided that a student has completed matriculation on Grade XI work or the equivalent, a mark of 50 per cent. or more in certain subjects of Grade XII

\* See page 37.

examinations or the equivalent will give exemption from not more than five of the following University classes:

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

The certificates to which these provisions apply are the following:

- (a) High School Certificate of Grade XII of Nova Scotia issued by the Department of Education;
- (b) Certificate from Accredited Schools of the Department of Education of the Province of Nova Scotia;
- (c) Honour Diploma as issued by Prince of Wales College, P. E. I.;
- (d) Certificate of the first year of Memorial University College, Newfoundland;
- (e) Grammar School Licence of New Brunswick;
- (f) Equivalent Certificates issued by Departments of Education of other Provinces, or approved by the Committee on Admission.

Students having credit for at least four of these classes will be given an opportunity to complete a course for a degree in three years. 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 30 per cent. in such subjects and that the candidate has credit for the corresponding matriculation subjects. **No degree credit will be given for certificates obtained after a student has been registered in the University.**

#### Distinction in the Ordinary Course.

The degree of Bachelor of Arts or of Science with Distinction or with Distinction and a Medal 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. 31) 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;

\* The standard required is 50 per cent. in each subject.

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.

The award of the Medal will be made only to candidates whose achievement is considerably in advance of that required for Distinction.

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 Greek 1, Latin 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, or with High Honours and a Medal.

**Honour Courses.****I. Classics.****1. Greek and Latin.**

See *Advanced Courses*, pp. 51-52.

**2. Latin.****Preliminary Classes.**—Latin 1 and 2.

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

- A. A critical knowledge of the books prescribed in Latin 5, 6, 7 and 8.
- B. Ability to translate from English into Latin prose; and ability to translate at sight passages from Latin works not prescribed.
- C. A knowledge of the history of Latin Literature as in Rose, and a knowledge of Ancient Life as in: Tucker: *Life in Ancient Athens*. Fowler: *Social Life in the Time of Cicero*. McDaniel: *Roman Private Life*.
- D. A knowledge of Ancient History: Greek, 5th and 4th centuries B.C.; Roman, 240 B.C. to 133 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 1360. Grammar and translation, including sight translation from Old English prose and verse.

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

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

**English Literature from 1603 to 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 class-

s 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.

Students looking forward to an Honours degree in these fields should have taken Economics 1, Political Science 1 and History 1, by the end of their second year. The Honour Course will normally require three further years of work. Students will be placed under the direction of one department and their full Honour Course must be approved by the head of the department concerned. Before completing their final year students must satisfy the department of their ability to read French or German, and are recommended to have both. In their final year students will be examined in five honour subjects and will submit a written thesis. An oral examination may be required to supplement the written work.

#### History.

Three 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.

#### Political Science.

Students doing their major Honours work in the department will be examined in three subjects, two from A and one from B. Ordinarily students will be required to do the class work in those classes listed after each of the following Honour subjects. While the examinations will be on the subject rather than on the class work, the marks taken in the classes specified will be counted in making the final award:

- A. 1. Government of the British Commonwealth of Nations (Political Science 1, 15);
- 2. Government and Constitution of Canada (Political Science 1, and Political Science 11 or 13);
- 3. Political Theory (Political Science 6, and Political Science 14 or Economics 7);
- 4. Public Administration (Political Science 13, and Political Science 5 or Economics 8);
- 5. International Law and Relations (Political Science 2, and History 4 or Political Science 12).
- B. A special subject chosen in consultation with the department. No special class work will be required. The following special subjects or types of subjects are suitable:
  - 1. A political philosopher, (e. g. Mill or Laske).
  - 2. The constitution and government of a particular country, (e. g. U.S.A. or Great Britain).
  - 3. Municipal government with particular reference to Canada.

#### 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.



The course of study to be followed in the later years will be adapted to the needs and aptitudes of individual students. Those interested should consult the Professor of Political Science.

### VII. Philosophy.

*Preliminary class.*—Philosophy 1.

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

A. **Logic.**—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: *Principia Ethica*. Sidgwick: *Methods of Ethics*; *History of Ethics*. Green: *Prolegomena to Ethics*. Rashdall: *Theory of Good and Evil*.

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

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

### VIII. Mathematics.

Besides the Honour Course in Mathematics mentioned below, there is an Advanced Course. See pp. 52-53.

#### Mathematics.

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

The requirements include Mathematics 5, 6, 7 and 8 or 12, Physics 6, 14 and 16, and another class in Physics or Mathematics.

This course can be completed in four years only by students who enter with credit in Grade XII Mathe-

matics. 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 4.

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 4 in their second year. A class in German and one in French should also be included in the work of the first two years.

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

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

### X. Chemistry.

*Preliminary Classes.*—Chemistry 3 and 4, Physics 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 6 and 7, Chemistry 5, 7, 8, 6 and 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 stan-

dard of attainment shown in Physics 6 and 7 (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. 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 Paleontology must take Biology 1 and allowance will be made for this subject in the prescribed courses.

### XII. Biology.

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

The requirements include seven additional 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 or Botany 2 and Chemistry 2 and 4 in their second year; and the seven additional 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 63. (Classes Entrance Scholarships). Hours to be arranged.

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

**Greek I.**—Herodotus: Book VI. Plato: *Apology*. Euripides: *Alceste*. Homer: *Odyssey*, V, VI.

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

**Greek II.**—Thucydides: Book I. Demosthenes: *Philippic I, II*. Homer: *Iliad*, I, VI. Aeschylus: *Prometheus Bound*. Sophocles: *Oedipus Rex*. Aristophanes: *Frogs*.

**Latin II.**—Cicero: *In Caecilium*, *In Verrem* I. Sallust: *Catiline*. Livy: Book XXII. Vergil: *Aeneid* (3 books). Horace: *Satires*. Plautus: *Capitium*.

**Greek III.**—Plato: *Republic I-IV* (selected). Thucydides: Book II. Homer: *Iliad*, XXI, XXIV. Sophocles: *Antigone*. Aristophanes: *Clouds*. Theocritus: Selections.

**Latin III.**—Cicero: *Letters* (selected); *Essays* (selected). Pliny: *Letters* (selected). Tacitus: *Annals* I, II. Vergil: *Georgics* I, IV. Juvenal: *Satires* (selected). Plautus: *Menachmi*. Martial: Selected *Epigrams* for sight translation.

**Greek IV.**—Plato: *Republic* V-X (selected). Aristotle: *Poetics*; *Ethics* (Four books). *Theory*; *Books* VI, VII. *Aeschylus*; *Agamemnon*. *Lyric Poets* (selected). *Pindar*; *Odes* (selected). *Euripides*; *Medea*.

**Latin IV.**—Cicero: *de Officiis I*, *Philippics II*. *Tacitus*: *Annals III-VI*. *Quintilian*: *Book X*. *Horace*: *Epistles*; *Art Poetica*. *Ovid*, *Propertius* and *Tibullus* (selections). *Lucretius*: *Two books*.

An integral part of the course throughout consists of weekly exercises in both Greek and Latin Prose. Early in the course students should achieve a mastery of the outlines of Greek and Roman History, and deepen their knowledge of the subject as the course proceeds. The same applies to the history of the literature in both languages. In the third and fourth years they must acquaint themselves with the development of Greek philosophy. In order to accomplish all this students will find it necessary to do much private reading during vacations. They will not be formally taught these subjects, but will be examined in them, in course. As a guide to this reading the following books are suggested—those marked with an asterisk are elementary books, fairly cheap, which the student would do well to own:—

*Boisford*: \**History of Greece*. *Bowra*: \**Ancient Greek Literature*. *Everyman*: \**Classical Atlas*. *A. Zimmerman*: *Greek Cosmology*; *Sales and Croesus*. *Dickinson*: *Greek View of Life*. *Earp*: *The Way of the Greeks*. *B. Farrington*: *Science and Politics in the Ancient World*; \**Greek Science*. *J. L. Myers*: *Political Ideas of the Greeks* (v. especially chapters: *Greek Notion of Law*; *Greek Notion of Freedom*). *J. Adam*: *Religious Teachers of Greece*. *McCary*: \**History of Rome*. *A. H. J. Greenidge*: *History of Rome*, 133 B.C.—79 A.D. *R. G. Collingwood*: *Roman Britain*. *Gwynn*: *Roman Education*. *T. R. Holmes*: *The Roman Republic and the Founder of the Empire* (Three volumes). *J. W. MacKall*: *Latin Literature*. *J. B. Mayor*: \**Ancient Philosophy*. *John Burnet*: *Essays and Addresses*. *Stanley Casson*: *The Discovery of Man*.

## II. Mathematics.

The following course is offered for those students who have complied with the regulations on page 63 (Mathematics Entrance Scholarships). The preparation for admission includes complete Grade XII standing in Mathematics, Physics, English and two languages. The course extends over four years and includes, in each year, special tutorial work in addition to the regular classes.

The first year of the regular class work includes differential and integral calculus in Mathematics 2 and a course in general Physics (Physics 2) besides classes in English and a foreign language. The second year continues the study of Analysis and Geometry in Mathematics 3 and 4 and Electricity and Magnetism in Physics 3, with suitable other classes.

The third and fourth years of the course proceed with the course for Honours in Mathematics, including Mathematics 5, 6, 7 and 8 or 12, Physics 6, 14 and 16, and another class in Mathematics or Physics. The details of these classes are to be found on pages 99 and 106.

## 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:** General introduction to French Literature—French 2.

**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. 93).

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

### Second Year

**French:** French composition, practice in the oral use of the language, discussions, reading, themes—French 3.

**History of French literature 1943-44:** French 5. The 18th century, reading list issued in time.

**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 Riehl.

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

**English:** English 2 (p. 93).

#### Third Year.

**French:** History of French literature (continuation of French 3, either French 4: 17th century or French 4: 16th and 17th century. Lectures, collateral reading, reports.

**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, Developments: Germany).

#### Fourth Year.

**French:** The student may choose a course in literature he has not previously taken, or French I (contemporary literature in France) or another subject selected by arrangement with the instructor. Lectures, collateral reading, reports.

During the third and fourth years, students will acquire an extensive knowledge of the French literature of the XVIIth, XVIIIth 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 mediaeval literature will be studied. Parts of the Nibelungenlied and Gudrunlied and Parzival 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. Three Exercises 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 31, the application being accompanied by the proper fee (see p. 77) 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. 40).

#### 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 1, 1943.

The Diploma Course begins on Thursday, September 23, 1943, and ends with the University session. The matriculation requirements are the same as those for the B.A. or B.Sc. degree, including Latin (see pp. 23-24).

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.

#### 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 High School 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 High School 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 High School 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 Class and a High School 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 High School 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.

### Course in Mining Geology.

The course in Mining Geology is designed to train those who desire to become mining geologists. It leads to the degree of Bachelor of Science and a Diploma in Mining Geology. The course is based on the fundamentals of Engineering with the maximum amount of Geology and Chemistry which time allows.

Those who wish to take the course will enter with Grade XII (the equivalent of five University classes), or the first year at the University.

The time-table for this prescribed course may be obtained in the Registrar's Office.

### 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, page 24.

The Course is one requiring three years namely:

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

**Second Year**—English 1 or 2, Mathematics 2, Physics 2, Drawing 2, Surveying 2, Economics 1 or 1E, Chemistry 2.

**Third Year**—Mathematics 3A, Physics 3, Mechanics 3, Mechanics 2, 4, 5, Drawing 3, Geology 1.

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 Nova Scotia Technical 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. The regular summer machine shop course outlined above has been cancelled due to the war emergency training programme carried on at the Technical College.

Industrial or engineering experience of a practical nature for a total period of from three to six months is required by the Nova Scotia Technical College before the granting of a degree. A portion of this experience must be obtained in a 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.

Engineering students may obtain the degree of B. Sc. by taking certain Arts classes in addition to those specified above, see p. 39.

#### **Chemical Engineering.**

Students in Engineering may qualify for admission to the course in Chemical Engineering at McGill University provided that they take Chemistry 3 instead of Chemistry 2, and in addition Chemistry 4, in the Second Year; in the Third Year Chemistry 5 or 5E. Before admission to McGill they must be approved on the recommendation of the Department of Engineering at Dalhousie.

#### **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.

#### **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.Sc.'s may, with the approval of their department, be allowed to count the thesis as three-fifths of the M.Sc. 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 co-operation 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 the Director, Atlantic Fisheries Experimental Station, Halifax

#### 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 15 and February 1, 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.**

#### OPEN TO STUDENTS IN ARTS AND SCIENCE.

##### ENTRANCE SCHOLARSHIPS.

**Entrance Scholarships in Mathematics and in Classics.**

**Application must be made by August 1.**

**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 two special problems papers based on Grade XII work in Mathematics, set by Dalhousie University, and rank will be determined by the candidates' standing in these two problems papers 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 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 Belle Gallicae* and three books of the *Aeneid*.

\* For example, a scholarship holder who failed to make an average of at 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 \$300 (\$75 annually, for four years). This scholarship also is offered on the above conditions.

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

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

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

- (1) Prince Edward Island.
- (2) and (3) Cape Breton Island, which counts as two regions.
- (4) Pictou, Antigonish and Guysborough Counties.
- (5) Halifax County.
- (6) Hants, Queens and Lunenburg Counties.
- (7) Shelburne, Yarmouth and Digby Counties.
- (8) Annapolis and Kings Counties.
- (9) Colchester and Cumberland Counties.
- (10) Westmorland 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 1944 will be determined:

By the results of a preliminary general examination ‡ set by Dalhousie University and written during the month of February 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.

\* See foot note on page 62.

† One of the \$100 Scholarships is the gift of the Hebrew community of the Sydney District and it is named the "Cape Breton Hebrew Scholarship".

‡ Application to write this scholarship examination must be made before February 1 through the school or academy Principal, and requests for the examination question papers must reach the Registrar before February 1.

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

**Howard Murray Fund.**—Four Bursaries of a minimum value of \$50 each, from the Howard Murray bequest to the Department of Classics, are open to candidates of either sex under the following conditions:

Two Bursaries will be awarded to candidates for the Regional Scholarships (see page 64) who are placed next after the winners, and satisfy the other conditions of these scholarships, special emphasis being laid on the candidates' work in Latin, with or without Greek.

Two Bursaries will be awarded on the results of the papers in Latin and Greek, or in Latin only, of the Classics Entrance Scholarship examination\* (see page 63) to candidates who are placed next after the winners of these scholarships. Preference will be given to candidates whose work is commendable in both Latin and Greek.

No Bursary will be awarded if the candidate will hold other scholarships or bursaries of \$100 or over during the ensuing academic year. But the award of a first year entrance bursary is no bar and should be an incentive to its holder to compete for the similar second year award.

**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. '16, 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

\* Papers may be written at local centres.

† 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.

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.

**Armsdale Chapter I.O.D.E. Bursary.**—The Armsdale Chapter of the I.O.D.E. offers a Bursary of \$50 to be awarded, on their recommendation, to a candidate of sufficient ability entering the University for the first time from the Armsdale district.

**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 XIII 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.

**The I. C. Stewart Fund.**—Under the will of the late Mr. I. C. Stewart, of Halifax, funds have been made available "to establish an annual scholarship to be awarded to a boy or girl born and resident in the district of St. Mary's in the County of Guysborough, Nova Scotia, in order that he or she may attend Dalhousie University for the purpose of receiving a college education." "In considering applications for such scholarship, regard shall be had to the moral worthiness and strength of character of applicants as well as to their high academic qualifications." The exact terms and conditions of the award have not been settled but applications from qualified students may be sent to the Registrar.

#### First Year Scholarships.

These Scholarships are three in number, as follows:

- |  |       |
|--|-------|
| 1 George H. Campbell Memorial Scholarship, of..... | \$200 |
| 1 MacKenzie Scholarship, of.....                   | 100   |

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

†1 Bruce Scholarship of \$85, tenable for three years ..... \$255

They are open only to Undergraduates who are just completing the first year of the course in Arts or Science, and are tenable for one year (except the Bruce Scholarship) and are payable in two equal instalments, on October 15 and February 1, the latter payment being conditional on the scholar having made satisfactory progress in his classes. They are awarded on the result of the Seasonal Examination returns in courses recommended for first year students (see pp. 32-34).

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.

**The H'nal H'rrith Scholarship.**—This Scholarship of \$100 in Modern Languages and History is awarded, at the end of the first year of the advanced course, to that student whose work has shown the greatest improvement during the year.

**Two Howard Murray Bursaries in Classics** will be awarded at the end of the first year. No Bursary will be awarded if the candidate already holds scholarships or other emoluments for the ensuing academic year of \$100 or over.

#### 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 cannot be held along with the N.B.S. Centennial Bursary, or the Jocham 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

† 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.

be undergraduates in a course in Arts or Science who are just completing two†† years of residence, and must satisfy the test of racial eligibility for membership in the North British Society. The Bursary will be awarded to the candidate standing highest in the examinations in any five classes which constitute a normal\*\* second year course in Arts or Science. It is tenable for two years, namely, during the third and fourth years of residence. The next award will be made in May, 1944.

**The Robert Maclellan Scholarship.**—A Scholarship of \$150, given by an anonymous donor, "in honour of the late Robert Maclellan, sometime Principal of Picton 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 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 Picton 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, 1945.

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

#### Third Year Scholarships.

**The Khaki University Scholarships.**—From the Khaki University and Young Men's Christian Association Scholarship Fund, amounting to \$4,500, which was received from the trustees of the Khaki University, Scholarships of the value of \$100 each, two in number, will be awarded to third year students in Arts and Science, to be held during their fourth year. The award is based on scholastic attainments but preference is given to children of men and women who served overseas.

**The I. O. D. E. Evangeline Chapter Scholarship in English.**—Preference is given to students of the third year who are making English their principal subject of study.

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

the Department, shown such aptitude for Chemistry as to merit the award, which is tenable in the final year of the undergraduate course.

#### Third and Fourth Year Scholarships.

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

**The Archibald MacMechan Scholarship in English.**—In 1939 the Archibald MacMechan Chapter of the I.O.D.E. offered the University a Scholarship from the interest on funds contributed by former students in memory of Dr. Archibald MacMechan (1862 - 1933), Head of the Department of English from 1889 to 1932. When the desired capital sum is complete, it will be handed to the University as a permanent endowment of the scholarship. In the meantime, the Chapter is providing from a trust fund an annual scholarship of the present value of \$100.

The scholarship is intended for students who have shown special ability in English and who are looking forward to further study in the field. Provided that suitable candidates offer, preference will be given to graduating students who are looking forward to the Master's degree in English.

Applications will be received by the Head of the Department of English before April 1 in any year.

#### Other Undergraduate Scholarships and Prizes.

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

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

**The Katherine Buttenshaw Prize.**—This prize, being the interest of an endowment of \$1,800 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.

\*\* See page 34.

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

‡ See foot note page 97.

**The Physics Scholarship Fund.**—An anonymous donor has started a fund to be used to provide scholarships for advanced students in Physics. The awards shall be made on recommendation of the Head of the Department of Physics. The number and size of the scholarships may vary from year to year at the discretion of the Department of Physics.

Application must be made in writing to reach the Head of the Department of Physics before March 1 of any year.

**The Howard Murray Prize in Classics.**—In 1941 the Department of Classics, through the Board of Governors of the University, received as a legacy from the late Professor Howard Murray, the Department's much beloved head, the sum of \$12,567. A clause in his will reading as follows: "I suggest to the said Governors that part of this fund be used to establish a prize of the annual value of \$250, to be known as the 'Howard Murray Prize in Classics'."

The prize has been assigned by the Department, as an encouragement for proficiency, to Latin 3 or 4 or both. To qualify for candidacy a student (of either sex) shall have taken the Distinction work of the course; shall hold no other scholarship or emolument of \$100 or over, and shall, if in his or her last undergraduate year, receive the scholarship only on condition of remaining at the University, or returning to it, for graduate work in Classics.

**The Sarah M. Lawson Scholarship in Botany.**—This scholarship of approximately \$370. is offered annually to students who have shown special ability in Botany and intend to continue at Dalhousie with further study in the field. Preference will be given to graduating students who are looking forward to the Master's degree or to those entering the final year of an Honours Course. Applications will be received by the Head of the Department of Biology before April 1.

#### Graduation Prizes.

*Exceptional excellence on graduation is recognized by the award of a Medal. This award signifies that a standard has been reached considerably above that required for High Honours or for Distinction. When a Gold Medal is not obtained under one of the following awards, University Medals of Bronze will be awarded to qualified Distinction or High Honour graduates.*

**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, or to the student who stands highest among those graduating with Distinction, provided always that the standard attained is, in the opinion of the Faculty, sufficiently high.

**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.

**The French Government Medal.**—This Medal is offered by the French Government through the Halifax Branch of the Alliance Française to the student who has shown the greatest proficiency in the study of French during the last three years of his or her course.

#### 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.

**Muskat Memorial Essay Prize.**—From the interest on a bequest of \$1,000 provided by the will of the late Mr. William Muskat of Halifax a prize will be awarded annually to students registered in the Faculty of Arts and Science. The subject of the essay and the conditions of award will be announced during the session.

**The Overseas League Essay Prize.**—This prize, being the interest of a fund of \$1,500 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 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. This privilege of taking the work of the third year away from Oxford is, however, granted only in exceptional circumstances.

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 1 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 1 of the year for which he is elected.

Candidates may apply either for the Province in which they have their ordinary private domicile, homes 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. F. Curtis, 91 Edward 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 10.

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

**NOTE:** During the war, special regulations govern whereby, unless special reasons exist, appointees are to postpone their going to Oxford until peace is restored when their position will be reviewed in the light of conditions obtaining then.

**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 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 may be offered for the year 1943-44 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, 182 Louthier 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 1 in each year. Detailed information and application forms may be obtained from the Registrar.

### 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, 1943.

**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, 1943.

**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 1. 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. (Greek, Latin)

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.

Pharmacology: see Biology.

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

J. P. C. Fraser.

Ts. and Th. at 4.30 p. m.

This is a course in literature of the English Bible. The course will consist of the reading and appreciation of many of the finer passages in the Old and New Testaments. Many passages will be memorized. Special attention will be given to the books of the Psalms, Job, Isaiah, which will be treated as complete books, and the design will be to make passages that are read and studied "a possession forever".

Allusions will be made to the historical background of the writer dealt with, and students may find it helpful to consult Sir Frederic Kenyon's *Story of the Bible*, which is an account of how the books of the Bible came down to us. The course, as stated above, is a course in literature, not in history or in biblical criticism.

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.

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 or 3 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.  
H. P. Bell, D. Pellet, W. G. Dore.

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. Dore.

**2. General Botany.**—(1943-44). Lect.: M. and W. at 2.30 p. m. Lab.: M. and W., 3.30 to 5.30 p. m. H. P. Bell.  
Prerequisite.—Biology 1.

**3. Economic Plants, Their Structure and Use.**—(1944-45). Lect.: Tu. and Th., 2.30 to 3.30 p. m. Lab.: Tu. and Th., 3.30 to 5.30 p. m. H. P. Bell.  
Prerequisite.—Biology 1.

**4. General Bacteriology.**—Lect.: Tu. and Th., 9 to 10 a. m. Lab.: Tu. and Th., 10 a. m. to 12 m. W. G. Dore.  
Prerequisite.—Biology 1.

**5. Introduction to Plant Ecology and Physiology.**—Lect.: M. and W., 2.30 to 3.30 p. m. Lab.: Three hours per week and field work during the autumn. W. G. Dore.  
Prerequisite.—Biology 1 and Chemistry 1.

**6. Algae.**—Lect.: Two hours per week. Lab.: Four hours per week. H. P. Bell.  
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 Algae given at the Marine Biological Laboratory, Woods Hole, Massachusetts.

**7. Taxonomy of the Flowering Plants.**—Lect.: Three hours per week. Field work during the summer equivalent in four hours per week term work. H. P. Bell.  
Prerequisite.—Botany 2.

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

**8. Problems in Plant Histology.**—Lect.: One hour per week. Lab.: Six hours per week. H. P. Bell.  
Prerequisite.—Botany 2 or Botany 3.

## Zoology.

Associate Professors ..... F. Ronald Hayes, Dixie Pellet.

**2. Comparative Vertebrate Anatomy.**—Lect.: Tu. and Th. at 2.30 p. m. Lab.: Tu. and Th., 3.30 to 5.30 p. m. F. R. Hayes.  
Prerequisite.—Biology 1.

**3. Invertebrate Zoology.**—(1944-45). Lect.: M. and W. at 2.30 p. m. Lab.: M. and W., 3.30 to 5.30 p. m. D. Pellet.  
Prerequisite.—Biology 1.

**4. Evolution, Genetics and Experimental Embryology.**—(1943-44). Lect.: M., W. and F. at 12 m. D. Pellet.  
Prerequisite.—Biology 1.

This class consists of lectures on modern biological theories. Oral and written reports will be required of all students.

**5. Experimental Zoology.**—(1943-44). Lect.: Tu. and Th. at 9 a. m. Lab.: Tu. and Th., 10 a. m. to 12 m. F. R. Hayes.  
Prerequisite.—Biology 1, Chemistry 1.

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

**6. Experimental Zoology.**—(1944-45). Lect.: Tu. and Th. at 9 a. m. Lab.: Tu. and Th., 10 a. m. to 12 m. F. R. Hayes.  
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.**—(1943-44). Ten hours per week. Lect.: S. at 9 a. m. Lab.: S., 10 a. m. to 1 p. m.; remaining periods to be arranged. D. Pellet.

Prerequisite.—Zoology 2 or Botany 2, and permission of the Department. The class is limited to three students. It is advisable to make enquiry in the spring.

**8. Cytology.**—(1944-45). Lect.: Two hours per week. Lab.: Four hours per week. D. Pellet.

Prerequisite.—Chemistry 4 and Zoology 1.  
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 recommendations of the Department of Biology, present these courses for credit towards a degree.

**Histology and Embryology.**

The classes in Histology and Embryology given in the Medical Faculty may be offered as one elective for the Arts and Science degrees by those who offer a group in Biology, and for that purpose they are regarded as classes in Biology.

**Physiology.**

Physiology I given in the Medical Faculty may, with the consent of the Department, be offered as an elective.

**Pharmacology.**

A class consisting of one lecture and eight laboratory hours per week will be given by Dr. M. K. McPhail at hours to be arranged, provided that application is made by a sufficient number of qualified students. The class will deal with the physiological responses, in lower animals and in mammals, to important drugs.

Prerequisite.—Zoology 2 and the consent of the instructor.

**Chemistry.**

Professor..... C. C. Coffin (Head of Dept.)  
Associate Professors..... H. S. King\*, D. L. Cooper, W. J. Chute.  
Instructors..... G. B. Rosenfeld, J. C. Davina.  
Demonstrators..... J. H. Greenblatt, B. F. Long, A. G. Wood.

**1A and 1B. General Chemistry.**—Lect.: M., W. and F., at 9 a. m. Lab.: One afternoon per week. D. L. Cooper.

Prerequisite.—Matriculation Chemistry or Physics or Mathematics.

For the laboratory work this class is divided into two sections. Section 1A may be offered as a science elective for an Arts degree. (Text Book: McPherson and Henderson: *General Chemistry*.) Section 1B must be taken by those planning to enter a science or professional course. (Text Books: Hildebrand: *Principles of Chemistry*. Bray and Latimer: *A Course in General Chemistry*. Latimer and Hildebrand: *Reference Book of Inorganic Chemistry*.)

**2. Elementary Physical and Analytical Chemistry.**—Lect.: Tu. and Th. at 10 a. m. Lab.: M., 2.30 to 5.30 p. m. C. C. Coffin.

Prerequisite.—Chemistry 1B.

Text Books: Bray and Latimer: *A Course in General Chemistry*. Watch: *Journal of Quantitative Analysis*. Chapin and Steiner: *Second Year College Chemistry*.

\*On leave for the duration.

The laboratory work of this class is a continuation of that of Chemistry 1B plus qualitative analysis and exercises in quantitative analysis. It is designed for those planning to enter professional courses.

**3. Lect.:** Tu. and Th. at 10 a. m. Lab.: M., 2.30 to 5.30 p. m. and one other afternoon. C. C. Coffin.

Prerequisite.—Chemistry 1B.

Text Books: Bray and Latimer: *A Course in General Chemistry*. Pierce & Haessli: *Quantitative Analysis*. Chapin and Steiner: *Second Year College Chemistry*.

The work of this class is that of Chemistry 2 plus three additional hours in the laboratory. It 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.: W. and F., 2.30 to 5.30 p. m.

Prerequisite.—Chemistry 1.

Text Book: To be announced.

**5. Physical and Colloid Chemistry.**—M. and W. at 9 a. m. Lab.: Two periods per week. C. C. Coffin.

Prerequisite.—Chemistry 2, Physics 1 or 3, Mathematics 2. Books Recommended: Getman and Daniels: *Theoretical Chemistry*. Daniels, Mathews and Williams: *Experimental Physical Chemistry*. "Handbook of Chemistry and Physics."

**6. Advanced Physical Chemistry.**—Hours and texts to be arranged. C. C. Coffin.

Prerequisite.—Chemistry 5.

This class is restricted to those doing honours or graduate work in physical chemistry.

**7. Quantitative Analysis.** D. L. Cooper.

Prerequisite.—Chemistry 2.

Text Book: Pierce & Haessli: *Quantitative Analysis*.

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

**8. Advanced Inorganic Chemistry.**—Hours and texts to be arranged.

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

Prerequisite.—Chemistry 4 and 7.

Books Recommended: To be announced.

**11. Research.**—The work of this class will consist of original investigation 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. Students must attend and take part in the presentation of papers.

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

<i>McLeod Professor of Classics, and Head of Department.</i>	.....
<i>Professor</i>	A. K. Griffin.
<i>Associate Professor</i>	R. E. D. Cautley.*
<i>Lecturer</i>	J. W. Logan.

**Greek.**

**Elementary Greek.**—*M. and F. of 10 a. m., and Tu. and Th. of 2.30 p. m.* A. K. Griffin\*

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

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

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

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

**Prerequisite.**—Matriculation Greek.

**Plato:** Apology, Euripides: *Alkestis*. Greek Grammar, Greek Prose. Exercises in sight translation.

**Books Recommended:** Plato: Apology (H. Williamson, Macmillan); Euripides: *Alkestis* (Blakeney, Bell, London). *Plato and Nicholas: Greek Prose Composition* (Copp, Clark, Toronto). Goodwin-Gulick: *Greek Grammar* (Ginn).

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

**Prerequisite.**—Greek 1.

**Herodotus, Book VI. Homer: *Odyssey V, VI* (selections), \*VII.** Greek Grammar. Greek Prose Composition. Exercises in sight translation.

**Books Recommended:** Herodotus: Book VI (Strachan, Macmillan); Homer: *Odyssey V, VI, VII* (Merrill, Oxford Univ. Press, Toronto). Fletcher and Nicholson: *Greek Prose Compositions* (Copp, Clark, Toronto).

2. (1944-45). *M. and W. of 12 m.*

**Prerequisite.**—Greek 2.

**Demosthenes: *Philippics I, II***. Thucydides: Book I (selected). Euripides: *Electra*. Homer: *Iliad I, V, \*IX, \*X*.

**Books Recommended:** Demosthenes: *Philippics* (Abbott and Matthews, Oxford Univ. Press, Toronto). Thucydides (Marshall, Macmillan). Euripides: *Electra* (Keeble, Bell, London). Homer: *Iliad, Vol. I* (Munroe, Cambridge Univ. Press).

4. (1945-44). *M. and W. of 12 m.*

**Prerequisite.**—Greek 2.

\* On leave for the duration.

**Plato: *Republic I***; \**Crito*. Aristophanes: *Clouds*. Homer: *Iliad XXII, XXIV, \*XXIII*. Greek Prose Composition. Exercises in sight translation.

**Books Recommended:** Plato: *Republic I-V* (Adams, Cambridge Univ. Press); *Crito* (Keeble, Macmillan, Toronto). Homer: *Iliad, Vol. II* (Munroe, Cambridge Univ. Press). Aristophanes: *Clouds* (Merrill, Oxford Univ. Press).

5. (1944-45). *Hours to be arranged.*

Thucydides. Book II. Aeschylus: *Prometheus Vinctus*; \**Exumenides*. Aristophanes: *Pross*; \**Knights*.

6. (1945-44). *Hours to be arranged.*

**Plato: *Republic II-IV***. Demosthenes: *De Corona*. Herodotus: Books VII-IX. Sophocles: *Antigone*. Theocritus: Selections. Homer: *Odyssey IX-XII*.

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

**7 and 8. Plato: *Republic V-X* (selected).** Aristotle: *Poetics*; *Ethics* (Four books). Thucydides: Books VI, VII. Aeschylus: *Agamemnon*. Lyric Poets (selected). Pindar: *Odes* (selected). Euripides: *Medea*.

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

**Latin.**

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

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

**Text Book:** Thompson, Tracy and Deigh: *Essential Latin* (Clarke, Irwin & Co.). Other books will be announced at the beginning of the session.

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

A. K. Griffin.

**Prerequisite.**—Matriculation Latin.

Selections from Latin Authors. Latin Grammar. Latin Prose. Exercises in sight translation.

**Text Books:** Selections from Latin Authors (Watt and Hayes, Univ. Toronto Press, Ltd., London). Allen and Greenough: *New Latin Grammar* (Ginn). North and Hillard: *Latin Prose Compositions* (Livingston).

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

A. K. Griffin.

**Prerequisite.**—Latin 1.

Livy: Book XXI. Catullus: Selections. Horace: *Odes* (selected). Vergil: \**Aeneid VI*. Latin Grammar. Latin Prose. Exercises in sight translation. Roman Life.

\* For private reading by students seeking Distinctions.

Text Books: Lily; Book XXI (Oxford Univ. Press). Catalogue (Macnaghten and Hansar, Duckworth). Horace: Odes and Satires (Smith, Ginn). Vergil: Aeneid VI (Page, Macmillan). Allen and Greenough: New Latin Grammar (Ginn). North and Hildner: Latin Prose Composition (Hirving).

2. (1944-45). Tu. and Th. of 11 a. m. J. W. Logan.  
Prerequisite.—Latin 2.

Play: Letters (selected), Juvenal; Satires (selected). \*Further Selections. Latin Prose Composition. Exercises in slight translation.

Text Books: Play: Selected Letters (Westcott, Allyn and Bacon, New York). Juvenal: Satires (Duff, Cambridge Univ. Press).

4. (1943-44). Tu. and Th. of 11 a. m. J. W. Logan.  
Prerequisite.—Latin 2.

Cicero: *In Caelium, In Verrem I.* Horace: *Satires and Epistles* (selected); \*Further selections.

Text Books: Cicero: *In Caelium, In Verrem I.* (Haklind and Cowie, Cambridge Univ. Press). Horace: *Satires and Epistles* (Morris, Amer. Book Co.).

5. (1943-44). Hours to be arranged. A. K. Griffin.  
Cicero: *Letters* (selected); *Essays* (selected). Vergil: *Georgics II, IV.* Plautus: *Menaechmi*.

6. (1944-45). Hours to be arranged. A. K. Griffin and J. A. Doull.  
Play: Letters (selected). Cicero: *Essays* (selected). Tacitus: *Annals I, II.* Terence: *Adelphi.* Tacitus: *Agriicola.* Juvenal: *Selections.*

7. Cicero: *de Officiis I.* Tacitus: *Annals III-VI.* Horace: *Epistles; Ars Poetica.*

8. Cicero: *Philippics II.* Quintilian: Book X. Ovid, Propertius and Tibullus (selections). Lucretius: Two books.

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

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

This class is offered for those students who intend to teach Latin in High Schools. It cannot be counted towards the B.A. degree, but it may be counted as an Arts class in partial fulfillment of the requirements for the Diploma in Education.

Text Books: Caesar: *De Belli Gallici* (Holmes, Oxford Univ. Press). Vergil: *P.* Vergil: *Horace's Opera* (Belgwerk, Cambridge Univ. Press).

Other texts will be announced during the semester.

\* For private reading by students seeking Distinctions.

### Commerce.

Professor..... Stewart Bates (Head of Dept.)\*  
Special Lecturer in Accounting..... M. MacG. Rankin.

Accounting I will be offered in 1943-44 if there is a sufficient number of students. Other classes in Commerce are not at present being offered but students looking forward to the degree of B. Com. will be able to fulfil the requirements by taking equivalent classes in Economics and other allied subjects.

1. Accounting 1.—M., W. and F. at 5 p. m.
2. Accounting 2.—M. at 2.30 p. m. Not given in 1943-44.
3. Accounting 3.—To be arranged at beginning of Session. Not given in 1943-44.
4. Industrial Organization 1.—M., W. and F. at 11 a. m. Preliminary Reading: Robertson: *Central of Industry.*
5. Industrial Organization 2.—M., W. and F. at 12 m. Prerequisite.—Commerce 4. Study devoted mainly to the financial policy of corporations.
6. Statistics.—W. and F. at 2.30 p. m. Prerequisite.—Economics 1 and Mathematics 1. Text Book: Crum and Fulton: *Economic Statistics.*
7. Business Fluctuations.—W. and F. at 2.30 p. m. Prerequisite.—Economics 1. Text Book: Haberler: *Prosperity and Depression.*
8. Law Class.—Class to be selected from the courses of instruction offered by the Faculty of Law. The remaining compulsory and approved classes to be taken to complete the requirements for the degree of Bachelor of Commerce are given in other departments of the Faculty of Arts and Science. (See 40 p.).

### 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 at Pine Hill Divinity Hall, Halifax, and those conducted in the Faculty of Divinity, at 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 at Pine Hill Divinity Hall, Halifax, and those conducted in the Faculty of Divinity, at 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.

\*On leave for the duration.

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

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

1. **Principles of Economics.**—Tu, Th, and S. of 11 a. m.  
W. R. Maxwell.

2. **Modern Economic History.**—(1944-45). W. and F. of 11 a. m.  
S. H. Prince.  
Prerequisite.—Economics 1.

First term: Economic history of Europe since 1750. Second term: Economic history of Canada and the United States.

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

3. **Money, Banking and International Trade.**—(1944-45). M., W. and F. of 9 a. m.  
W. R. Maxwell.  
Prerequisite.—Economics 1.

4. **Labour Problems and Trusts.**—(1943-44). W. and F. of 11 a. m.  
S. H. Prince.

Text Books: Fish; *The Causes of Industrial Unrest*. Douglas Houghton and Atkins; *The Worker in Modern Economic Society*. Jenkins and Clark; *The Trust*.

5. **Economic Theory.**— M. and W. of 11 a. m.  
Prerequisite.—Economics 1.  
W. R. Maxwell.

6. **Economic Theory.**—(1943-44). M. and W. of 11 a. m.  
Prerequisite.—Economics 1.  
W. R. Maxwell.

7. **Programmes of Social Reconstruction.**—(1943-44). Tu, and Th. of 9 a. m.  
W. R. Maxwell.  
Prerequisite.—Economics 1.

8. **Problems of Economic Policy.**—(1943-44). Tu, and Th. of 11 a. m.  
L. Richter.  
Prerequisite.—Economics 1.

Economic post-war organization, Social Security Plan, relations between management and labour, the co-operative movement.

Books recommended: Pigou; *Economics of Welfare*. J. R. Commons; *Agenda for the Post War World*. Lovwin; *Economic Consequences of the Second World War*. Lyons and Associates; *Government and Economic Life*. Hobbin; *Economic Planning and International Order*. Clegg; *Stanford's Association; Consumers' Co-operatives in Great Britain*. B. and S. Webb; *Consumers' Co-operative Movement*.

9. **Contemporary Economic Problems.**—(1944-45). Tu, and Th. of 11 a. m.  
L. Richter.  
Prerequisite.—Economics 1.

Industrial management, social security, government regulations and control of industry, industrial raw materials, problems of war economy.

Books recommended: Pigou; *Economics of Welfare*. A. Marshall; *Industry and Trade*. Spurr; *Economic Principles and Problems*. Douglas; *Social Security in the United States*. Pigou; *Political Economy of War*.

10. **Public Finance.**—(1944-45). M. and W. of 10 a. m.  
S. Bates.\*  
Prerequisite.—Economics 1.

**Sociology.**

Associate Professor S. H. Prince.

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

Text Books: Lumley; *Principles of Sociology* (3rd Ed.). Gillis and Starkman; *Outline of Sociology* (3rd Ed.). Park and Burgess; *Introduction to the Science of Sociology*. MacIver; *Society: A Text Book of Sociology*. Special reading list with assignments from works of Gliddings, Cooley, Ellwood, Sumner, Ross, Boggs, Ogden, Lumsy and others.

2. **The Modern Community.**—(1943-44). Tu, and Th. 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 Neuzwyer; *The Community and Society*. Thompson; *Population Problems*. Elliot and Merrill; *Social Discontinuities*.

Reference Books: Wright; *Population*. Towner; *Social Problems*. Davis; *Problems of City Life*. Stross and Harsanyi; *Rural Urban Sociology*. Fairchild; *Immigration*.

Also topical bibliography supplied in class.

3. **Social Institutions.**—(1944-45). M. and W. of 12 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: Brinton; *Social Institutions*. Sailer; *Social Institutions, Origin, Growth and Interchange*. Gilchrist. Fishbein and Wheeler; *Social Institutions of the Simple Peoples*. Malin-Lyer; *History of Social Development*.

4. **Social Legislation.**—(1944-45). Tu, and Th. 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: Callout; *Principles of Social Legislation*. Jenks; *Generalized Action for Social Welfare*. Kelo; *Science of Public Welfare*. Blug; *Public Welfare Administration in Canada*. Sengier; *Social Insurance*. Lippman; *Public Opinion*. Stewart; *Canadian Labour Laws*.

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

**Anthropology.**

5. **Anthropology.**—(1943-44). M. and W. of 12 m.  
Prerequisite.—Sociology 1 or Economics 1.

Text Books: Hilt; *Physical Anthropology*. Knober; *Anthropology Primer: Introduction to Social Anthropology*.

Reference Books: Knober and Waterman; *Science Book of Anthropology*. Lowie; *Primitive Society*. Tuzart; *Social Origins*. Goldsworthy; *Early Civilizations*.

\*Go leave for the duration.

**Honour and Diploma Courses.**

For these courses consultation with the Department is required.

**6. Social Theory.**

Prerequisite.—Sociology 1.

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

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

**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.**—Students looking forward to professional training in social work should, if possible, include in their undergraduate programme a year's work in Political Science, Psychology, Economics and Sociology as well as one or more second courses in the two latter fields. It is also recommended that students shall have completed a year's work in Biology. It is desirable that they possess a reading knowledge of French. Students who have these classes may complete the requirements for a Diploma at the Maritime School of Social Work in less than the normal two-year period of graduate study.

**Education.**

Professor

A. S. Mowat.

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 High School Class Licence to teach see pages 67-68.

**1. General Principles of Education.**—M., W. and P. of 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 Books: A. G. and G. H. Hughes: *Learning and Teaching*. Julian Huxley: *Democracy*. Marjorie.

**2. A. The History of Education.**—M., and W. of 10 a. m.

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

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

**B. Comparative Education.** M. and W. of 10 a. m.

A study of modern school systems in selected countries.

Books of Reference: J. K. Knobel: *Comparative Education*. P. Biedler: *Comparative Education. The Year Books of Education (Review)*.

**3. A. Educational Psychology.**—Tn. and W. of 9 a. m.

A class in individual and social psychology in relation to the problems of education.

Text Book: W. McDougall: *The Elements of Men*.

**B. The Teaching of School Subjects.**—Tn., 10 a. m. to 12 m.

A study of the technique of teaching the subjects studied in the public schools of Canada, based on the Programme of Studies for Nova Scotia. Students are also required to spend additional time on two or more projects in Handwork.

Part of the course will consist of a period of observation and practice teaching in the public schools in 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 at registration.

**4. A. Experimental Education.**—Tn., 9 a. m. to 12 m.

A course in methods of experiment and examination. Intelligence and Scholastic Tests. Statistical Methods. The Use and Abuse of Examinations.

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

Text Book: H. R. Hensley: *Intelligence Testing*

**B. Seminar.**—P. of 10 a. m.

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

**Physical Education.**

**A. Practical.**—M. and P. of 9 a. m.

B. A. Ralston.

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. Hygiene, Human Anatomy and Physiology.

**Embryology:** see Biology.

**ENGINEERING CLASSES.**

For Time Table of Engineering Classes, see inside back cover.

Professors:..... W. P. Copp (*Head of Dept.*), H. R. Theakston.  
Assistant:..... W. H. Bowen.

**Drawing.**

**1. Engineering Drawing.**—Lect. Tn. and Tn. of 9 a. m. Lab. Tn. and Tn., 2.30 to 5.30 p. m. H. R. Theakston, W. H. Bowen.

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: Gimecke, Mitchell and Spencer: *Technical Drawing*.

2. **Descriptive Geometry.**—Lect.: S. at 9 a. m. Lab.: W., 2.30 to 5.30 p. m.  
H. R. Theakston, W. H. Bowes.

Text Book: Schumann: *Descriptive Geometry*.

3. **Advanced Engineering Drawing.**—Th., 2.30 to 5.30 p. m.  
W. P. Copp, H. R. Theakston.

Prerequisite.—Drawing 1 and 2.

Reference Books: French: *Engineering Drawing*. Smith: *Practical Descriptive Geometry*. Steel: *Construction*, A. I. S. C.

### Mechanics.

2. **Advanced.**—W. and F. of 9 a. m. W. P. Copp.  
Prerequisite.—Physics 2, Mathematics 1 and 2.

This class is intended for Engineering students, but may be offered for a degree in Arts or Science.

Text Book: Brown: *Engineering Mechanics*.

3. **Graphical Statics.**—Lect.: M. of 9 a. m. Lab.: M., 2.30 to 5.30 p. m. W. P. Copp.

Prerequisite.—Drawing 1.

Text Book: Malcolm: *Graphical Statics*.

4. **Mechanics of Machines.**—Lect.: M. of 11 a. m. Lab.: M. 12 m. to 1 p. m., W., 11 a. m. to 1 p. m.  
W. P. Copp, W. H. Bowes.

Prerequisite.—Drawing 1, Physics 2, Mathematics 1 and 2.

Text Book: Gulliet: *Kinematics of Machines*.

5. **Materials of Construction.**—F. of 11 a. m. W. P. Copp.

Text Book: Mills: *Materials of Construction*.

### Surveying.

1. **Elementary.**—Th. of 10 a. m. One lecture per week to first year students in preparation for the Surveying Camp. W. P. Copp.

Prerequisite.—Matriculation Mathematics.

Text Book: Breed and Homan: *Elementary Surveying*.

2. **Lect.: S. of 10 a. m. Lab.: Tu., 2.30 to 5.30 p. m.**  
W. P. Copp, W. H. Bowes.

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 seasonal 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: Breed and Homan: *Elementary Surveying*.

### English Language and Literature.

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

**English 1 and 1A.**—M., W. and F. of 12 m.  
Burns Martin, A. R. Jewitt.  
Prerequisite.—Matriculation English.

Only one of English 1 and 1A may be offered for a degree. Both may be counted towards the Engineering Diploma a first or second year classes.

1. (For all students taking a first year class in English for the degree of B. A.)

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: To be announced.

In this class all students will be required to show that they have read the following novels: H. G. Wells: *Mr. Polly*; Rudyard Kipling: *Kim*; Thomas Hardy: *Far from the Madding Crowd*.

1A. (May be taken as a first year class for the degree of B.Sc. and for pre-professional classes not leading to a degree in Arts or Science.)

An introduction to English literature, with selected readings from modern authors.

Text Books: To be announced.

2. **The Renaissance; Shakespeare; Milton.** M., W. and F. of 12 m. C. L. Bennet.

Prerequisite.—English 1.

Text Books: Harbin Craig: *Shakespeare (Plays and Commentary)*. Milton: *Strohmeier (ed. Harford)*.

Plays for special study: *Richard III*; *Twelfth Night*; *Macbeth*; *The Winter's Tale*.

For Distinction: *A Midsummer Night's Dream*; *King 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 these courses: Foerster and Steadman: *Writing and Thinking*.

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

3. **Middle English.**—(1944-45). Hours to be arranged.  
A. R. Jewitt.

Prerequisite.—English 2.

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

Texts: Chaucer (ed. Robinson); *Pure Pleasure* (R. Text; ed. Skeat); Selected readings from assigned Middle English texts.

**4. Nineteenth Century Literature.**—(1944-45). Tu. and Th. at 3.30 p. m. C. L. Bennet.

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; deQuincey.

Texts and Text Books: *Poetry and Prose of the Romantic Movement* (Wood); or, *English Romantic Poets* (Stephens, Beck and How); or, *Poetry and Criticism of the Romantic Movement* (Campbell, Fynn and Weycott).  
For Distinction: An essay on a subject assigned by the instructor.

**5. Nineteenth Century Literature.**—(1943-44). Tu. and Th. at 11 a. m. C. L. Bennet.

Prerequisite.—English 2.

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

Text Books: Carlyle; *Sartor Resartus* (ed. MacMechan); *Poetry of the Victorian Period* (ed. Wood); or, *Victorian and Later English Poets* (Stephens, Beck and How).

Reference Books: Salisbury; *History of Nineteenth Century Literature*. Chatterton; *Victorian Literature*. Eliot; *Survey of English Literature, 1830-1890*.

For Distinction, as in English 4.

**6. Old English.**—(1943-44). Hours to be arranged. A. R. Jewitt.

Prerequisite.—German I, or the equivalent.

Texts: Wyatt; *An Anglo-Saxon Reader*. Smith; *An Old English Grammar and Reader*. Right; *Illustrations from early texts*.

**7. Elizabethan Drama.**—(1944-45). M. and W. at 9 a. m. Burns Martin.

Prerequisite.—English 2.

A close study of English dramatic literature from Lyly to Shirley (1590-1642), with emphasis on representative texts. The class will be conducted as a seminar. Students intending to take this class are advised to read several of the set plays during the preceding summer.

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

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

**8. Canadian and American Literature.** (1943-44). Tu. and Th. at 9 a. m. Burns Martin.

This is a survey course in English Canadian and American literature.

Texts: Ellis, Fuzell and Spahn; *A College Book of American Literature*. Bricker Course. (In Canada, W. J. Gage & Co., Toronto).

Readings and Readings: *A Book of Canadian Prose and Verse* (Macmillan in Canada).

For Distinction: A detailed study of one author or of a movement.

**9. Drama.**—(1944-45). Tu. and Th. at 11 a. m. C. L. Bennet.

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 1943-44).

**11. Modern Poetry.**—(1944-45). M. and W. at 11 a. m. A. R. Jewitt.

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.**—(1943-44). Hours to be arranged. C. L. Bennet.

Prerequisite.—English 2.

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

Text Books: Salisbury; *History of English Criticism*. Cowd; *The Theory of Poetry in England*. Richards; *The Principles of Literary Criticism*. *Practical Criticism*.

Texts: *English Critical Essays*. "World's Classics", 240, 296, 405.

**13. The History of the English Language.**—(1943-44). M. and W. at 11 a. m. A. R. Jewitt.

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.

Texts: Blaght; *History of the English Language*. Scott, Carr, Wilkinson; *Language and Its Growth*.

For Reference: To be assigned.

**14. Poetry and Prose of the English Renaissance.**—(1943-44). 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.**—(1944-45). Tu. and Th. at 9 a. m. Burns Martin.

Text Books: Shepard and Wood; *English Prose and Poetry, 1690-1800* (Houghton, Mifflin).

For reference: Allen; *Readings in English Prose of the Eighteenth Century*.

**16. The English Novel since 1809.**—(Not given in 1943-44).

**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. A. R. Jewitt.

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

**19. Middle Scots.**—Hours to be arranged. Burns Martin.



- 29. Types of Literature.** A. R. Jewitt.  
To be offered only if hours can be arranged.  
Prerequisite.—English 2.

An historical, comparative and critical study of the chief types of European literature, excluding the drama and the novel. Texts and translations as in Robbins and Coleman: *Western World Literature*.

### Fine Arts.

Lecturer..... Donald C. Mackay.\*

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 function. 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: Gardner: *Art through the Ages* (Harcourt, Brace).

French: see Modern Languages.

### Geology and Mineralogy.

Professor..... G. Vibert Douglas.  
Special Lecturer..... Alan E. Cameron.  
Student Assistant.....

**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.: Th. at 10 a. m., and another hour. Lab.: M., Tu. and Th., 2.30 to 5.30 p. m., at least two periods.  
Prerequisite.—Geology 1.

**3. Petrology.**—Lecture and colloquium: Tu., 10 a. m. to 1 p. m. Lab.: W., a. m. and/or p. m.  
Prerequisite.—Geology 1 and 2.

**4. Ore-deposits.**—Colloquium: Th., 2.30 to 5.30 p. m.  
Prerequisite.—Geology 1.

### Senior Classes.

**5. Field Geology.**—Conference: M., p. m. Lab.: Th., a. m. and p. m.  
Prerequisite.—Geology 1, 2 and 5.

**6. Advanced Ore-deposits.**—Conferences and Lab.: M., a. m. and Tu., a. m. and p. m.  
Prerequisite.—Geology 1, 2, 3, 4 and 5.

**7. Special Problems.**—Hours to be arranged.  
Prerequisite.—Geology 1, 2, 3, 4, 5 and 6.

\*On leave for the duration.

- 8. Experimental Geology.**—Hours to be arranged.  
Prerequisite.—Geology 1.  
**9. Metallurgy and Geology.**—Hours to be arranged,  
(Alan E. Cameron).

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. G. E. Wilson.  
Prerequisite.—Matriculation History.

**2. Ancient History.**—(1943-44, and in alternate years). M., W. and F. at 10 a. m. A. S. Walker.  
Prerequisite.—History 1.

**3. Modern England.**—(1944-45, and in alternate years). M., W. and F. at 10 a. m. A. S. Walker.  
Prerequisite.—History 1.

**4. History of Europe since 1815.**—(1944-45, and in alternate years). Tu. and Th. at 2.30 p. m. G. E. Wilson.  
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.**—(1943-44, and in alternate years). Tu. and Th. at 2.30 p. m. G. E. Wilson.  
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.

If possible students ought to read a narrative account of the period before taking the class. For this purpose the following books are recommended.

E. D. Bradby: *A Short History of the French Revolution* and either A. Fournier: *Napoleon I* or J. H. Rose: *The Life of Napoleon I*.

**6. England under the Tudors.**—(1943-44, and in alternate years). M. and W. at 2.30 p. m. A. S. Walker.  
Prerequisite.—Two classes in History.

**7. The Fourteenth Century.**—(1944-45, and in alternate years). M. and W. at 2.30 p. m. A. S. Walker.  
Prerequisite.—Two classes in History.

8. **History of Canada to 1837.**—(1943-44, and in alternate years). T<sub>s</sub> and T<sub>A</sub> at 10 a. m. D. C. Harvey.  
Prerequisite.—History 1.
9. **History of Canada since 1837.**—(1944-45, and in alternate years). T<sub>s</sub> and T<sub>A</sub> at 10 a. m. G. E. Wilson.  
Prerequisite.—History 1.
10. **Seminar Course on Canadian History** with special reference to Nova Scotia. D. C. Harvey.  
For Honour and M.A. students. All others must obtain the consent of the instructor.  
Prerequisite.—History 8 or 9.
11. **History of the United States to 1865.**—(1944-45). M., W. and F. at 10 a. m. G. E. Wilson.  
Prerequisite.—History 1.
12. **History of the United States since 1865.**—(1943-44) M., W. and F. at 10 a. m. G. E. Wilson.  
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 F. at 11 a. m. A. S. Walker.  
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 these subjects by the Faculty, are recognized as qualifying for a degree in Arts when offered by a student taking the affiliated course in Law.

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

### Mathematical Physics: see Physics.

## Mathematics.

Professor  
Associate Professors J. G. Adshead, Charlie Walmsley  
Lecturer Doris Walmsley

1. **Elementary Mathematical Analysis.**—(1) M., W. and F. at 10 a. m.; (2) and (3) M., W. and F. at 11 a. m.; (4) T<sub>s</sub>, T<sub>A</sub> and S. at 10 a. m. J. G. Adshead, C. Walmsley, D. Walmsley.

Prerequisite.—Matriculation Algebra and Geometry.

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

Text Book: *Minographed Notes*.

2. **Calculus.**—(1) M., W. and F. at 11 a. m.; (2) M., W. and F. at 9 a. m. C. Walmsley, D. Walmsley.

Prerequisite.—Mathematics 1.

Coordinates in two and three dimensions, including revision of plane and spherical trigonometry. Conics. Differential and integral calculus.

Text-book: Grassie, Smith and Longley: *Differential and Integral Calculus* (1941), Chapter I-IV.

3. **Analysis.**—T<sub>s</sub> and T<sub>A</sub> at 11 a. m. C. Walmsley.

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: *Asylopic Geometry and Calculus* (second half). Walmsley: *Mathematical Analysis*.

4. **Geometry.**—M. and W. at 10 a. m. J. G. Adshead.

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: *Analysis Geometry and Calculus* (second half). Ogden: *Advanced Calculus*. Burington and Terrance: *Higher Mathematics*.

34. T<sub>s</sub>, T<sub>A</sub> and S. at 11 a. m. J. G. Adshead.

Prerequisite.—Mathematics 2.

This course will contain a revision and amplification of previous work but it will also include some work that is given in Mathematics 3 and Mathematics 4, such as partial derivatives, multiple integrals, Taylor's theorem, approximate integration,

etc. It is arranged for candidates for the Diploma in Engineering.

**Text Books:** Woods and Bailey: *Analytic Geometry and Calculus*. Forrest: *Calculus for Technical Students*.

#### Senior Classes.

These classes are intended for candidates for Honours in Mathematics, candidates for Honours in allied subjects (e. g. Physics), and for those wishing to take mathematical work in their third or fourth year in the ordinary course in Arts or Science. They are also designed to serve as introductory courses for those who may afterwards undertake postgraduate work in Mathematics. Mathematics 3 and 4 are prerequisite. Each class meets two hours per week, at times to be arranged.

#### 5. Theory of Functions of a Complex Variable.—(1944-45). C. Walmisley.

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*. I. 2. Knopp: *Funktionen Theorie*. MacRobert: *Functions of a Complex Variable*. Works by Osgood, Picard, Carathéodory, Whittaker and Watson. Purport and others.

#### 6. Projective Geometry.—(1944-45). J. G. Adshhead.

**Text Books:** Grassman: *Introduction to Higher Geometry*. Baker: *Principles of Geometry*. Books by Young, Veblen and Young, Reynolds.

#### 7. Theory of Functions of a Real Variable.—(1943-44). C. Walmisley.

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*. Ylvisaker: *Cours d'Analyse*. Knopp: *Funktionen Theorie*. Kestelman: *Modern Theories of Integration*. Tompkins: *Series*. Pappas: *Modern Theories of Integration*. Works by Hobson, Darst, Kyjgumst, Lebesgue, Saks, Townsend and others.

#### 12. Differential Equations.—(1943-44).

This course will take up the work of differential equations as begun in Mathematics 3 and will mainly discuss ordinary differential equations, and, in particular, linear equations. Surface and volume integrals will be treated in more detail than in Mathematics 4. Laplace's equation will be discussed and solutions found of the hypergeometric equation and the equations of Bessel and Legendre.

**Text Books:** Ince: *Ordinary Differential Equations*. Frobenius: *Linear Differential Equations*. Flügge: *Differential Equations*. Bateman: *Differential Equations*. MacRobert: *Spherical Harmonics*. Hobson: *Spherical and Ellipsoidal Harmonics*. Gray and Matthews: *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:** Grassman: *Differential Geometry*. Books of reference by Veblen, Fenchel, Goursat, Darboux, Eisenhart.

#### 9. Selected topics in Modern Analysis.

#### 10. Non-Euclidean Geometry.

**Seminar.**—F. at 3.30 p. m., or time to be arranged.

Special consideration of topics suggested in advanced courses, or in independent reading, including the reading of papers by students. The Seminar should be attended by all students taking any of the above 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.

<i>Professor</i> .....	Lothar Richter.
<i>Associate Professor</i> .....	C. H. Mercer.
<i>Assistant Professor</i> .....	Germaine Lafaille.
<i>Lecturer</i> .....	
<i>Special Lecturer</i> .....	Johanna Richter.

### French.

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

To those who have had no opportunity to acquire a correct pronunciation, the following book is recommended: William A. Nitze and Ernest H. Wilkins: *A Handbook of French Phonetics* (Henry Holt and Co., New York).

**Elementary French.**—Tw. and Th. at 12 m. (provisionally), and at other hours to be arranged.

For students who have not had an opportunity to complete their preparatory study of French at school.

**Text Books:** To be announced.

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

**Text Books:** Lacey: *Basic Written French* (Holt). Jeanneret: *Intermediate Readings in French* (Copp Clark). Barton: *Standard French Readings* (Heath). Linguaphone Conversational Course. Deceun: *Parlons français de la civilisation française* (Heath).

### French 2 and 2A.

- (1) French 2: M., W., and F. at 10 a. m.; (2) French 2A: Tw., Th. and S. at 9 a. m.; (3) French 2 or 2A: M., W. and F. at 9 a. m.  
Prerequisite.—French 1.

Books needed in all sections: *French Grammar*; *French-English Dictionary* (McKay); *New Handy Dictionary* is recommended.

### 2. General introduction to French literature.

This course is designed to develop ability to read French through the comprehension and assimilation of texts of progressive difficulty.

**Text Books:** Ballard: *Cette drôle de pierre* (O. U. P.); *Saint Euphrasy: Pilote au guerre* (Maison Française Int.)

**2A.** This course will be adapted to the needs of students who take French for utilitarian purposes; the essential aim will be linguistic and practical, not literary.

Text Book: *Advanced French Course* by W. F. H. Whitmarsh Longmans, Green and Co., Toronto.

The third section will duplicate French 2 or 2A, according to demands.

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

**Oral and written self-expression and practice.**

This course should be the next step for the students of French 2A who wish to carry on with oral and practical use of French as an ultimate objective. It is recommended also to students more interested in literature but who wish to be trained to speak French well and to develop their ability to read it.

A reading list will be issued at the beginning of the year including the most recent interesting books published in French. A subscription may be taken to a French Canadian publication.

#### Senior Courses.

Prerequisite: French 2.

**4. History of French literature from the Renaissance to the beginning of the philosophic movement (1536-1685). (1941-1945).**—Tu. and Th. at 4.50 p. m.

**5. History of French literature from the beginning of the XVIIIth century to the romantic movement. (1943-44).**—Tu. and Th. at 4.30 p. m.  
Lectures, collateral reading, reports.

**6. History of French literature XIXth and XXth centuries. (1944-45).**—Tu. and Th. at 10 a. m.

**7. French literature under the Th'rd Republic—1870-1940. (1945-44).** Hours to be arranged.

N. B.—French 3, 5 and 7 will be conducted entirely in French. French 2 will be partly in English, partly in French.

#### German.

**German A.—M., W. and F. at 11 a. m. C. H. Mercer.**  
For students who have not had an opportunity to complete Matriculation German in school. Students who enter this class with credit for complete matriculation including two foreign languages may count a pass as credit towards a degree.

Text Books: *Schönauer: Beginning German, Alternate Edition* (Macmillan). *Wunder: Practical Talks* (Pitman). *Black Grade, Reader* (Thomas). *Lehrbuch der Deutschen* (Heath). *Practical French Talks* (Harrop).

**German I.—Tu., Th. and S. at 9 a. m. or at 4.30 p. m. L. Richter.**

Prerequisite.—Matriculation German.

Text Books: *Von: Essentials of German, Eighth Edition* (Heath). *Hayes: L'Ancienne* (Heath). *Thomas: Conversation* (Heath). *Das neue Deutschland* (Heath). *Geistlicher: Übersetzungen* (Heath). *Practical French Talks* (Harrop).

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

Prerequisite.—German A or I.

C. H. Mercer.

Text Books: *Chiles and Wight: First Book in German* (Ginn). *Burkhardt: Vier kleine Lustspiele* (Heath). *Hantz: Die Karamazow* (Dent). *Polla: Sämtliche Gedichte* (Heath). *Collins: Song German Poetry* (Ginn). *Practical French Talks* (Harrop).

**3. German Science Reading—M. and W. of 12 m. L. Richter.**

Prerequisite.—German A or I, or equivalent reading knowledge of German.

Text Book: *Witt: 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.—(1944-45). Hours to be arranged. J. Richter.**

Prerequisite.—German 2, or equivalent.

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

Text Books: *Vogt und Koch: Geschichte der deutschen Literatur. V. Vogelbuch: Von deutscher Dichtung* (Teubner). H. Kluge: *Auswahl deutscher Gedichte* (Barden).

Supplementary Reading for Distinction will be arranged individually.

**6. German Literature in the XIXth Century.—(1943-44). Hours to be arranged. J. Richter.**

Prerequisite.—German 2, or equivalent.

Of the dramatists of that period Kleist and Heibel will be read, and of the novelists and lyricists, Kleinschmidt, Gottfried Keller, Conrad Ferdinand Meyer, Storm and Hohl.

Text Books as in German 5.

Supplementary Reading for Distinction will be arranged individually.

**7. German Contemporary Prose.—(1941-45). Hours to be arranged. J. Richter.**

Prerequisite.—German 2, or equivalent.

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

Supplementary Reading for Distinction will be arranged individually.

**8. German Mediaeval Literature.—(1944-45). Hours to be arranged.**

The course will be given only if a sufficient number of students offer.

Prerequisite.—German 2, or equivalent.

#### Spanish.

**Spanish 1A.—M., W. and F. at 12 m. C. H. Mercer.**

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.

Text Books: House and Mapes, *Shorter Spanish Grammar* (Cincinnati). Ferrer and Ledy, *Voces e Métros* (Health). Castillo and Sparkman, *Segunda Lengua* (Health). S. S. Sorensen (Health). Gil Elias (Health).

18. M., W. and F. of 3.30 p. m. C. H. Mercer.  
Prerequisite.—Matriculation Spanish.

Text Books: Hills and Ford, *Spanish Grammar for College* (Health). Robles, *Castilla Española* (Crest). Taboada, *Course in Spanish* (Health). Linguaphone Conversational Course.

2. Hours to be arranged. C. H. Mercer.  
Prerequisite.—Spanish 1A or 1B.

Text Books: Putnam and Green, *Segunda Curso de Español*. Canabal *La Nueva Viajera* (Health). Adams, *Popular Spanish Readers* (Crest). Linguaphone Conversational Course. *La Prensa* (Spanish Newspaper).

3. (1943-44). Hours to be arranged. C. H. Mercer.  
Prerequisite.—Spanish 2.

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

4. (1943-44). Hours to be arranged. C. H. Mercer.  
Prerequisite.—Spanish 2.

Text Books: Riveral, *Libro de Temas Castellanos* (Health). Loria, *Correspondencia Comercial* (Silver, Bardett). Lundberg, *Letras de Mar* (Crest). Wilkins, *Antología de Cuentos Americanos* (Health).

5. History of the Spanish Language.—Hours to be arranged. C. H. Mercer.

Text Books: H. Menéndez Pidal, *Manual de gramática histórica española*. *Poemas de mio Cid*. *Clasicos castellanos*, Madrid, 1924. Bercoe, *Milopos de nuestra archaica*. *Clasicos castellanos*, Madrid, 1922.  
Additional for Distinction: C. H. Grainger, *An Introduction to Volgar Laria*. Old Spanish Readings U. 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.

## Philosophy.

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

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

1. Logic and Psychology.—Tu., Th. and S. at 9 a. m.  
H. L. Stewart, F. H. Page.

Text Books: Logic: Creighton, *Introductory Logic*. Psychology: Woodworth, *Psychology*, Fourth Edition.

2. History of Greek Philosophy.—(1943-44). W. and F. at 2.30 p. m.  
H. L. Stewart.  
Prerequisite.—Philosophy 1.

Text Books: Plato: *Republic*; *Phaedo*; *Apology*; *Theaetetus*; Aristotle: *Ethics*; Seneca: *Stoic's History of Philosophy*. Taylor: *Aristotle as his Professor*.

3. Ethics.—(1943-44). Tu. and Th. at 11 a. m. H. L. Stewart.  
Prerequisite.—Philosophy 1.

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

4. History of Moral Ideas.—(1944-45). Tu. and Th. at 11 a. m. H. L. Stewart.  
Prerequisite.—Philosophy 1.

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

5. Metaphysics.—(1944-45). Th. and S. at 10 a. m. H. L. Stewart.  
Prerequisite.—Philosophy 1.

Text Book: Taylor: *Elements of Metaphysics*.

6. History of Philosophy from Bacon.—(1944-45). W. and F. at 2.30 p. m. H. L. Stewart.  
Prerequisite.—Philosophy 1.

Text Books: Bacon: *New Organon*. Locke: *Essay on the Human Understanding*. Berkeley: *Principles*. Höffding: *History of Modern Philosophy*.

7. British Philosophy in the Nineteenth Century.—(1943-44). Th. and S. at 10 a. m. H. L. Stewart.  
Prerequisite.—Philosophy 1.

8. Philosophic Ideas in Literature.—(1943-44). W. and F. at 2.30 p. m. H. L. Stewart.

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

1. General Psychology.—See Philosophy 1.  
2. Social Psychology.—(1943-44). M. and W. at 10 a. m.  
Prerequisite.—Philosophy 1.

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

3. **Child Psychology.**—(1943-44). M. and W. at 9 a. m.  
Prerequisite.—Philosophy 1.

Text Books: Morgan: *Child Psychology* (Revised Edition). Brooks: *Child Psychology*. Horn: *Psychology of Early Childhood*. KoEka: *Growth of the Mind*. Howell: *Infancy and Normal Growth*. Handbook of Child Psychology, ed. Murchison.

4. **Abnormal Psychology.**—(1944-45). M. and W. at 10 a. m.  
Prerequisite.—Philosophy 1.

Text Books: Fisher: *An Introduction to Abnormal Psychology*. Hollingworth: *Abnormal Psychology*. Derruss and Shafer: *Textbook of Abnormal Psychology*. Shafer: *The Psychology of Adjustment*. McDougall: *Outline of Abnormal Psychology*.

5. **Psychophysical Problems.**—(1943-44). Tu. and Th. at 10 a. m.

Prerequisite.—Philosophy 1.

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

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

6. **History of Psychology.**—(1944-45). Tu. and Th. at 10 a. m.  
Prerequisite.—Philosophy 1.

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

Reference Books: Best: *History of Psychology*, 3 vols. Harri: *The Classical Psychologists*. Murphy: *Historical Introduction to Modern Psychology*. Sperry: *History of Experimental Psychology*. Woodworth: *Contemporary Schools of Psychology*.

### Physics.

Professors—H. L. Bronson (Head of Dept.), J. H. L. Johnston,\* Associate Professor  
W. J. Archibald,  
Demonstrators—Vernon Crawford, Albert Williamsky.

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 students in Arts and Science who intend to major in Mathematics, Physics or Chemistry.

1. **General Physics.**—Lect.: M., W. and F. at 11 a. m. Lab.: Three hours per week. W. J. Archibald.

Prerequisite.—Matriculation Trigonometry or Mathematics 1, which may, however, be taken at the same time.

Text Book: Eldridge: *College Physics*.

2. **Mechanics, Hydrostatics, Heat, Light and Sound.**—Lect.: M., W. and F. at 10 a. m. Lab.: F., 2.30 to 5.30 p. m., but other hours may be arranged. H. L. Bronson.

Prerequisite.—Mathematics 1, which may, however, be taken at the same time.

Text Book: Kimball: *College Physics*, 5th Edition.

\*On leave for the duration.

3. **Electricity and Magnetism.**—Lect.: Tu. and Th. at 9 a. m. Lab.: W., 2.30 to 5.30 p. m. H. L. Bronson.

Prerequisite.—Physics 1 or 2, and Mathematics 2, which may, however, be taken at the same time.

Text Books: Kimball: *College Physics*, 5th Edition. Brown: *Electricity and Magnetism*.

4. **Heat and Light.**—Lect.: W. and F. at 9 a. m. Lab.: M., 2.30 to 5.30 p. m. W. J. Archibald.

Prerequisite.—Physics 1 or 2 and Mathematics 2, which may, however, be taken at the same time.

Text Books: Valasek: *Elements of Optics*. Hart: *An Introduction to Advanced Heat*.

5. **Physical Optics.**—Lect.: Tu. and Th. at 10 a. m. Lab.: M., 2.30 to 5.30 p. m.

Prerequisite.—Mathematics 2, Physics 4.

Text Books: Wood: *Physical Optics*. Schuster: *Physical Optics*.

6. **Electricity and Magnetism.**—Lect.: Tu. and Th. at 10 a. m. Lab.: M., 2.30 to 5.30 p. m., or to be arranged. H. L. Bronson.

Prerequisite.—Mathematics 2, Physics 2.

Text Book: Gilbert: *Electricity and Magnetism*.

7. **Thermodynamics and Kinetic Theory of Gases.**—Hours to be arranged. W. J. Archibald.

Prerequisite.—Mathematics 2, Physics 4.

Text Books: Roberts: *Heat and Thermodynamics*. Loeb: *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.** W. J. Archibald

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.** W. J. Archibald.

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. of 3.50 p. m. R. A. MacKay.

Books recommended: No text will be prescribed but readings will be assigned from time to time from the following: Ogg: *English Government and Politics. Theory; Law of the Constitution. Jennings: The Law and the Constitution. Cabinet Government. Keith: The Government of the British Empire. Introduction to Constitutional Law. Kennedy: Constitution of Canada. Whitson: The Status of Westminster. Hancock: Survey of British Commonwealth Affairs; Problems of Nationality. Dawson: The Development of Dominion Status, 1909-1924.*

**2. International Relations and Problems.**—(1943-44). M., W. and F. of 12 m. R. A. MacKay.\*

\*On leave for the duration.

Prerequisite.—Two of Political Science 1, Economics 1, History 1, 4.

Survey of international relations since 1914; foreign policies of the great powers; the British Commonwealth in world affairs; analysis of dynamic factors in international relations such as nationalism, industrialism, imperialism; experiments in international organization; problems of post-war organization.

**3. Municipal and Provincial Government.**—(1944-45). M. Hours to be arranged. L. Richter.

Prerequisite.—Political Science 1.

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

**4. Principles of Public Administration.**—(1943-44). Hours to be arranged. L. Richter.

Prerequisite.—Political Science 1.

**5. Modern Political Theory.**—(1944-45). M., W., 12 m. R. A. MacKay.\*

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

A study of the principal political thinkers since Rousseau, with special attention to the philosophical basis of nationalism, liberalism, socialism, fascism.

**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. International Law.**—This class may be given in whole or in part in the Law School.

**13. Problems of Canadian Government and Administration.**—(1944-45). Hours to be arranged. R. A. MacKay.\*

A seminar course covering such subjects as the nature of the Canadian Federal system; problems of governmental regulation of economic activities and of administration of social services in a federal state; Canadian political parties; Dominion-provincial financial relations.

**14. History of Political Theory.**—(1943-44). Hours to be arranged. R. A. MacKay.\*

Given only if sufficient demand.

15. **Problems of the British Commonwealth.**—Seminar course.—(1943-44). Hours to be arranged. R. A. MacKay.\*

Intensive study of the relations between member-states of the British Commonwealth of Nations and with other states; India and the dependent Empire.

**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 38.

### Regulations of the Nova Scotia Barristers' Society.

The Nova Scotia Barristers' Society will exempt from its Preliminary Examinations students who have completed Matriculation into Dalhousie or any other approved College or University, including Matriculation in Latin, and (1) have passed, at some approved College or University, ten regular classes of the course leading to the degree of Bachelor of Arts, including two classes in English and one each in Latin, Mathematics and a foreign language; or (2) who hold the degree of Bachelor of Arts, Science or Commerce from Dalhousie or any other approved College or University.

By virtue of an arrangement between Dalhousie University and the Society, whereby the Society appoints conjoint examiners to set with the examiners of the Faculty of Law in the consideration of examination papers, the Society exempts from its Professional Examinations holders of the degree of Bachelor of Laws from Dalhousie University, thereby enabling them to proceed to the Nova Scotia Bar without further examination.

By a recent amendment to the "Barristers' and Solicitors' Act" a student desiring admission to the Bar of Nova Scotia must serve under articles of clerkship with a practising solicitor for a period of nine months after he has received a degree in Law from Dalhousie or any other approved University; or, in the alternative, for a period of three months between the sessions of the second and third years of his course in Law and for a further period of six months after he has received his degree in Law.

### General University Regulations.

University regulations applicable to the students of all Faculties and relating to registration, residence, church attendance, discipline, etc., will be found on p. 16 *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 1943-44 will begin on Tuesday, September 14, 1943, and end on Saturday, December 18, 1943. The second term of the session of 1943-44 will begin on Wednesday, January 5, 1944, and end on Tuesday, May 16, 1944. The last day on which students can register for the work of this session is Monday, September 20, at noon. Students are registered for the whole session only and not for one or other of the two terms.

### Admission.

Students are admitted to classes either as Special students without formal examination, or as Undergraduates in Arts taking the affiliated subjects in Law for the degree of Bachelor of Arts, or as Regular Undergraduates in Law.

**Special Students.**—Subject to the University regulations for the admission of students (p. 22), a student may be admitted to classes in this Faculty as a Special student, but his attendance is not recognized as qualifying for a degree.

**Undergraduates in Arts.**—An undergraduate in Arts looking forward to the study of Law may take any four of the classes of the first year of the law course and have them count in place of three of the ten electives required for the degree of Bachelor of Arts (see p. 33). 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 of at least ten regular classes of the course for the degree of Bachelor of Arts, comprising two classes in English, one class in Latin, one class in French or some other foreign language, one class in Mathematics, one class in Political Science, and any four classes to be chosen from the following:—Latin, French or some other foreign language, History, Logic and Psychology, Economics, Political Science, Accounting, a Science class, Surveying 2. [Students with credit in the Faculty of Arts for Grade XII or equivalent standing may be exempted from any of the foregoing classes, not exceeding five in number, for which they have received credit upon admission and the aforesaid number of ten classes may be reduced accordingly.] Students who have completed matriculation and have passed in all of the required classes above mentioned except one may be admitted into the Faculty of Law and allowed to take that class during their first year; but no student will be admitted as a regular student in second year law unless he has complied with all of the above requirements.

(2) Candidates for admission who present satisfactory certificates of having received the degree of Bachelor of Arts or of Science or of Commerce in course at some degree-granting College or University recognized by the Senate for the purpose may be admitted as regular undergraduates in Law whether or not their course for that degree has included the above specified subjects.

[**Note:** Under the regulations of the Nova Scotia Barristers' Society Matriculation in Latin is required in the case of all students seeking admission to the Nova Scotia Bar whether they hold degrees in Arts or Science or Commerce or not.]

Students presenting themselves for the first time to register in the Faculty of Law must submit to the Registrar their diplomas or certificates to establish their qualifications and these must prove acceptable before the student can be registered. Students are consequently advised to mail such certificates to the Registrar for appraisal as far in advance as possible.

Students presenting themselves for the first time to register in the University and who are looking forward to the study of Law should at the earliest possible opportunity consult the Dean of the Faculty of Law.

Undergraduates of other approved law schools may, on producing satisfactory certificates, be admitted *ad eundem statum* in this Law School (p. 27).

### Matriculation.

For details of the requirements for Matriculation see pp. 23-27.

### Curriculum.\*

#### First Year.—

*Both Terms.*—Contracts, History of English Law, Property I, Crimes, Torts, Equity I.

#### Second Year.—

*One Term.*—Bills and Notes, Bankruptcy, Insurance, Sales, Agency and Partnership.

*Both Terms.*—Property II, Corporations, Procedure I.

#### Third Year.—

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

*Both Terms.*—Constitutional Law, Shipping, Conflict of Laws, Procedure II, Evidence.

**Note:** For the duration of the war the classes in Sales, Agency and Partnership, Constitutional Law and Conflict of Laws will be given to the combined Second and Third Year Students. Constitutional Law and Conflict of Laws will not be given in 1943-44, but will be given in 1944-45 and alternate years thereafter; Sales and Agency and Partnership will be given in 1943-44 and alternate years thereafter.

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. 120 *et seq.*

\* 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.

\*\* International Law will not be given in 1943-44.

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.

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.71-72.*

**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 \$60 (\$20 for the first year, \$20 for the second year, \$20 for the third year), will be awarded to the students making the highest aggregates in their respective years. (Discontinued for the duration of the war).

**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.

**Class of 1910 Prize.**—A prize of \$50 will be awarded to the student making the highest marks in the class on Constitutional Law. In any year in which the class on Constitutional Law is not given, the prize may be awarded to the third year student making the highest marks in any class selected by the Faculty.

**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. (Discontinued for the duration of the war).

**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 students from outside the British Empire entered in professional or pre-professional courses.....	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 in absentia at the Spring Convocation.....	10.00

No reduction will be made in tuition fees payable to 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.

\* 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.

If such withdrawal takes place previous to December 1 one-half of the annual tuition fee will be refunded and if between December 1 and February 1 the student will be allowed to repeat his year at one-half the usual tuition fee.

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

See pages 20 and 21 for Caution Deposit and Fee for support of Student Organizations.

## 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: *Cases on Contracts*. Anson: *Contracts*. Pollock: *Contracts*. Title on *Contracts, Carriage & Torts*.

## History of English Law.

Lecturer..... John Willis.

Two 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: Maitland and Mantoux: *Sketch of English Legal History*. Maitland: *Constitutional History of England*. Pollock: *A Classic History of the Common Law*. Levy-Ullmann: *The English Legal Tradition*.

## Property I.

Lecturer..... John Willis.

Three lectures per week, both terms.

The law of Titles and simple Conveyancing. The law relating to the Ownership of Chattels and to Bailments.

Text Books: Cheshire: *Modern Real Property*. Armour: *Real Property*. Armour: *Titles*. Salmon: *Torts*. Robb: *Bailments*.

## Crimes.

Lecturer..... R. M. Fielding.

Two lectures per week, both terms.

The class includes a study of the substantive law of Crimes and also Criminal Procedure.

Text Books: Thompson: *Canadian Criminal Code, Annotated*. Crankshaw: *Criminal Code of Canada*.

## Torts.

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

Three lectures per week, both terms.

The class includes a study of the general principles of the law of Torts and relevant legislation thereon.

Text Books: Chate and MacDonald: *Cases on the Law of Torts*. Salmon: *Torts*. Pollock: *Torts*. Winfield: *Torts*.

## Equity I.

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

Two lectures per week, both terms.

The class includes a study of the principles relating to Specific Performance, Injunctions, Mistake and Misrepresentation.

Text Books: Smith and Reed: *Cases on Equity*. Hanbury: *Equity*.

## Second Year.

## Property II.

Lecturer..... John Willis.

Three lectures per week, first term; two lectures per week, second term.

The class will include a study of the law of Real Property, the Wills Act, Drafting and Interpretation of Wills, Law of Landlord and Tenant, and Conveyancing.

## Bills and Notes.

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

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*. Dunsmuir and Hellyer: *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 Statutes.

Text Books: Palmer: *Company Law*. Munton and Fraser: *Company Law*. Weygant: *Canadian Company Law*.

## Sales.

Lecturer.....

Two lectures per week, both terms.

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

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

## Insurance.

Lecturers..... F. H. M. Jones, G. F. Curtis.

Two lectures per week, one term.

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

**Procedure I.**

Lecturer..... J. A. Hanway.

Two lectures per week, both terms.

The course includes a study of the Judicature Act and Rules and of the practice of the various courts.

Text Books: *Ogden: Principles of Pleading. Nova Scotia Judicature Act and Rules.***Agency and Partnership.**

Lecturer..... Two lectures per week, both terms.

This course includes a study of the principles of the law of Agency, including Master and Servant, and brief consideration of the law of Partnership.

Text Books: *Wright: Cases on Agency. Bowstead: Agency. MacNeil: Agency. Pollock: Partnership.***THIRD YEAR\*  
Constitutional Law.**

Lecturer..... L. W. Fraser.

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. Lafroy: Short Treatise on Canadian Constitutional Law. (Theory) Law of the Constitution. Keith: Constitutional Law of the Dominion. MacKinn: Casebook on Constitutional Law.***International Law.**

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

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 Munro: 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.**

Lecturer..... F. D. Smith.

One lecture per week, both terms.

The class includes a study of the law of Shipping and of Admiralty Practice.

Text Books: *McLachlan: Shipping. Mayers: Admiralty Law and Practice. Marston: Collision at Sea. Lowndes: 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.

Three 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 thereon.

Text Books: *Wigness: Evidence. Best: Evidence. Phillips: Evidence. Cuckle: 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 selected topics.

\*In 1943-44 International Law, Constitutional Law and Conflict of Laws will not be given but third year students will be required to take these and Agency and Partnership in a combined class of second and third year students.

To expedite the training of Medical students during the war, classes from the second year on have been accelerated by the elimination of the usual summer holidays.

## 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 at the end of the fourth and fifth years 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. For details of these examinations and relative fees as well as fees for Medical Registration the student is advised to consult the Registrar of the Board. 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. Seammell, Halifax.  
 New Brunswick, Dr. J. M. Barry, Saint John.  
 Prince Edward Island, Dr. H. D. Johnson, Charlottetown.  
 Newfoundland, Dr. Cluny Macpherson, St. John's.

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### 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.

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 new Medical and Dental 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 (310 beds), The Halifax Infirmary (210 beds and 45 cribs), The Children's Hospital (85 beds), The City Tuberculosis Hospital (60 beds), The Grace Maternity Hospital (70 beds), and The Infectious Diseases Hospital (50 beds and 16 cribs). 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 out-patients 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 (780 beds), Nova Scotia Sanatorium, Kentville (370 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. (443 beds), the City Hospital, Sydney (65 beds), and St. Joseph's Hospital, Glace Bay (189 beds).

### The Medical and Dental Library.

In the spring of 1939 the new building for the Medical and Dental libraries was completed. This modern building was made possible through the gift of the Carnegie Corporation (\$50,000) "for library development", and through gifts received from the Honourable J. C. Tory, J. McG. Stewart, Esq., K.C., Dr. W. Inglis Morse, A. B. Wiswell, Esq., the Honourable W. H. Dennis, A. H. Buckley, Esq., Dr. John Cameron and Peter R. Jack, Esq. 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.

During the year the Provincial Medical Board established a Library to be known as the Dr. John George MacDougall Library in recognition of the many years of service to the profession by Dr. MacDougall as a member and later as President of this body. Arrangements have been made to house the collection in the Dalhousie Medical Library where it will be available to medical students and the members of the profession in the Province.

### 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. 16 *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.

Students of the first four years, who are physically fit, must take military training.

### 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 p. 38 and 39.

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 1 and 3, and Philosophy 1. In the first three years of medicine special courses of Laboratory Technique must be satisfactorily completed.



### Academic Year.

Under the accelerated programme the medical course is divided into five sessions of eight months each. The first and second years will begin on Tuesday, September 14, 1943, and will end on Tuesday, May 16, 1944. 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 (M.D., C.M.).

### Admission and Grading.

All persons who have satisfied the Entrance Requirements (p. 24) 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 and fourth 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 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. 23-27.

### 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 "Classes of Instruction," p. 138. *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; Psychobiology.

**Second Year.** Anatomy 2; Structural Neurology; Physiology 2; Biochemistry 2; Pathology 1; Bacteriology; Pharmacology; Physical Diagnosis; Psychiatry; 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

\* It is to be distinctly understood that the regulations regarding courses of study, examinations, fees, etc., contained in this prospectus are intended for the current year only. Nor does the University hold itself bound to adhere absolutely to the curriculum and conditions laid down.

Clinical Surgery; Anaesthesia; Urology and Dermatology; Ophthalmology and Otolaryngology, etc.; Radiology; Obstetrics and Clinical Obstetrics; Clinical Gynaecology; Clinico-Pathological Conferences; Clinical Physiology; Paediatrics; Medical Ethics.

**Fifth Year.** The fifth year, under the accelerated course a period of eight months, 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 premedical 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. 138 *et seq.*). In all examinations the marks obtained at sessional tests or at Christmas examinations will be considered in computing the marks allowed in each subject at the regular 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), Psychobiology; 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: 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. There are

also written examinations in Laboratory Medicine, Surgery, Medicine, Obstetrics and Gynaecology.

#### Fourth Professional Examination.

One paper in each of the following subjects: Medicine in all its departments including Therapeutics, and war medicine; Medical Jurisprudence and Toxicology; Psychiatry; Surgery in all its departments including war surgery; Obstetrics and Gynaecology; Paediatrics; a paper and an oral examination in Preventive Medicine including military hygiene. 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. 24).
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. 128].

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 have fulfilled satisfactorily 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, the Dalhousie Public Health Clinic and the City Home.

(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) Service for eight (temporary) months on rotating internship at hospitals approved by the Faculty of Medicine.

(7) Compliance with University regulations pertaining to military training.

#### Supplementary Examinations.

The conditions under which supplementary examinations are allowed are set forth under "Admission and Grading" (p. 128).

Supplementary examinations for the first and second years 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. 137). The date of supplementary examinations in accelerated classes will be posted.

#### 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 24); 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 facultate Medicinæ Universitatis Dalhousianæ.  
Ego, Doctus in Arte Medicæ titulo jam donandus, sancto eorum Deo eorum scrutatore, spondeo:—me in omni grati animi officio erga Universitatem Dalhousianam ad extremum vitæ

halitum perseveraturum, tum porro Artem Medicam caute et caste, et probeque exercitaturam et, quoad poterit, omnia ad aegrotorum corporum salutem conducenda cum fide procuraturam quae denique inter modendum visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita praesens mihi spondenti aedit Nume.

#### Medals and Prizes.

*For Scholarships and Prizes open to all students of the University see pp. 71-72.*

**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 \$25, 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 1943-44, 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 1943-44, 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.

**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
Additional, payable by all students registering after 12 noon on last regular registration day, for each day.....	2.00
Additional annual fee charged to students from outside the British Empire entered in professional or pre-professional courses.....	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. If such withdrawal takes place previous to December 1 one-half of the annual tuition fee will be refunded and if between December 1 and February 1, the student will be allowed to repeat his year at one-half the usual tuition fee.

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

**Microscopes.**

Previous to the war each student on registering for the first time in the Faculty of Medicine was required to provide himself with a microscope of a design and quality approved by the Faculty. Such instruments were for the most part purchased through the University. On account of the difficulty of obtaining a continuing supply of suitable microscopes during the war, the University in keeping with its policy of assisting students as far as possible has been obliged to change its practice. Until such time as microscopes are again available at a price within the means of the average student, the University will rent to each student requiring an instrument a suitable microscope at \$20.00 per session. The ren-

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

tal charge will be treated in the same manner as tuition and other fees and will be payable at the same time. Each student will be held responsible for all damage to the instrument rented to him, ordinary wear and wear excepted. At the end of each session microscopes under rental will be turned in to the custody of Professor R. J. Bean, Department of Histology, promptly on the date set.

**Diagnostic Sets.**

Each student on entering the fourth year Medicine must provide himself with a Diagnostic Set approved by the Faculty (the set shall include ophthalmoscope, stethoscope and laryngoscope). Other necessary accessories are:—stethoscope, flashlight, skin pencil, oral and rectal thermometers, haemocytometer, 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
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**For Certificates and Diplomas.**

An application for a Certificate or Diploma must be accompanied by the proper fee.

*Certificate under the University seal.....	\$ 1.00
For M.D., C.M. Diploma (payable before the 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 <i>absentia</i> at the Spring Convocation.....	10.00

See pages 19 to 21 for

Loan Funds.

Caution Deposit.

Laboratory Deposits.

Fee for Support of Student Organizations.

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

## CLASSES OF INSTRUCTION.

## I. Anatomy.

Professor..... Donald Mainland-  
Associate Professor..... R. L. deC. H. Saunders-  
Demonstrators..... J. V. Graham (Applied Anatomy),  
S. C. Saunders, Roberta Bland Nichols.

The course extends over the first two years, and comprises the study of the naked-eye anatomy of the living human body, aided by dissection, radiography, and fluoroscopy. Special emphasis is laid on function, correlation with microscopic anatomy, accurate observation and description, and the correct evaluation of data. All information is selected with a view to its clinical value. The lecture-demonstrations by the Professor and Associate Professor 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: One hour per week. Practical Anatomy: Nine hours per week.

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

Lecture demonstrations: One hour per week. Practical Anatomy: Nine hours per week (Six hours after Christmas).

Dental students have a slightly shorter course, specially designed for their future needs.

Text Book Required—Cunningham: *Manual of Practical Anatomy*. Recommended—Janeway: *Companion to Manual of Practical Anatomy*. Grant: *Method of Anatomy*. Deady and Johnson: *Manual of Surgical Anatomy*. McGregor: *Essays of Surgical Anatomy*. Treves: *Surgical Applied Anatomy*.

For reference—Cunningham's, Gray's, and Morris' Text books. Barclay: *The Dynamic Tract*. Kohler: *Biogenetics—The Biodynamics of the Normal and Early Pathological in the Stomach*. White House: *Compendium: Essay on Growth and Development of the Child*. Page 1 and 11. Wright: *Muscle and Fascia*.

Practical Zoology text books and notes should be kept for reference during the Anatomy course.

Anatomical Museum. This recent addition provides the undergraduate and graduate with clinically helpful dissections. Exhibits for the departments of Dentistry, Otolaryngology, and Surgical Anatomy are now being arranged.

**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 stu-

dents of the first year. It deals with the minute structure of the tissues and organs of the human body, their development and primary functions.

Text Books: Schaffer: *Essentials of Histology*. Pictorial: *Normal Histology*. Madison and Bloom: *Histology*.

**Embryology.**—This course is intended primarily for medical students of the first year. It consists essentially of laboratory work supplemented by one didactic lecture per week. The problems of fertilization, segmentation, the development of the embryo and its protective membranes, are worked out in the laboratory by dissections and intensive study of slides. The materials used include the frog, chick, rabbit, pig and human.

A close relationship is maintained between Embryology and Histology, and the laboratory work in Embryology will occasionally be extended so as to include a portion of the time allotted to the course in Histology.

Text Book: Aray: *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: Bannan: *Anatomy of the Nervous System*. Rosenberry: *The Principal Nervous Pathways*. Looney: *Anatomy of the Brain and Spinal Cord*. Krieg: *Functional Neuro-Anatomy* (P. Hinkelman).

## II. Physiology.

Professor..... C. B. Weld.  
Assistant Professor..... K. M. Wilbur.  
Demonstrator.....

1. An elementary study of the mechanisms of the human body, including the functions of the nervous system, the senses, 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 consists of the lectures of Physiology I with special laboratory work. It is given to the first year dental students and it may be taken as an elective by students in the Faculty of Arts and Science.

2. A detailed study of physiological mechanisms, and their modification under abnormal conditions. It consists of two lectures a week throughout the second year and two laboratory periods a week during the first half of the year.

Text Books: Physiology I—Best and Taylor: *The Living Body*. Physiology 2—Best and Taylor: *The Physiological Basis of Medical Practice*. Hall: *Marlow's Physiology in Modern Medicine*. White and Smithwick: *The Autonomic Nervous System*. Hollander: *An Outline of General Physiology*. Leavitt Evans: *Starting's Principles of Human Physiology*.

Reference Texts: Harris: *Experimental Physiology*. Wiggers: *Physiology in Health and Disease*. Wright: *Applied Physiology*. Fulton: *Physiology of the Nervous System*.

### III. Biochemistry.

Professor.....	E. Gordon Young.
Assistant Professor.....	H. B. Collier.
Demonstrator.....	W. W. Hawkins.

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 is a more extended course of lectures 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.

Seminar.—Senior and graduate students must attend the Biological Seminar and participate in the presentation of papers on recent topics of research.

The Department shares in the course in Laboratory Medicine described on page 141.

Text Books: Hawk and Bergin: *Practical Physiological Chemistry*. Morrow and Sandstrom: *Biochemical Laboratory Methods*.

Reference Books: Matthews: *Physiological Chemistry*. Götter: *Outlines of Biochemistry*. Solodsky: *Physiological Chemistry*.

### IV. Pathology, Bacteriology and Parasitology.

Professor.....	Ralph P. Smith.
Assistant in Pathology.....	L. B. Woolner.
Demonstrator in Pathology.....	S. C. Saunders.

#### 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 Etkin. Practical Bacteriology: Mackie and McCarty. Parasitology: Seeling. Clinical Diagnosis: Todd and Sanford, Nicholson, or Buhl.

### V. 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 on 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, Buhl: *Clinical Diagnosis*; or Nicholson: *Laboratory Medicine*.

### VI. Pharmacology.

Professor.....	M. K. McPhail.
Lecturer in Materia Medica.....	G. S. Kinley.
Assistant.....	S. C. Saunders.

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

Text Book: Clark: *Applied Pharmacology*.

Reference Books: Goodman and Gilman: *The Pharmacological Basis of Therapeutics*. Solodsky: *Manual of Pharmacology—Clinical*. Pharmacology and Therapeutics. Dilling: *Pharmacology and Therapeutics*. Bastedo: *Materia Medica, Pharmacology and Therapeutics*.

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: *Chefai Disp.*. Hale White: *Materia Medica*.

### VII. 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: Hutchinson and Hunter: *Clinical Methods*. Emerson: *Physical Diagnosis*. Cabot: *Differential Diagnosis*.

## VIII. Preventive Medicine.

Professor.....	H. G. Grant.
Assistant Professor.....	A. R. Morton.
Statistical Assistant.....	Jean A. Peabody.
Assistant.....	Jane M. Habbey.

The lectures cover environmental sanitation, communicable diseases, infant and maternal welfare, industrial and school hygiene, the principles of vital statistics, and epidemiology. 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: *Fraser and Stallybarn: Text Book of Public Health, Ross and Prescott: Medicine and Hygiene.*  
 Alternative: *Currie: Manual of Public Health Hygiene, Robertson: Introduction to Hygiene, Jamieson and Parkison: Synopsis of Hygiene.*

## IX. Medicine.

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

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: *Meakin: Practice of Medicine, Older and Macrae: Principles and Practice of Medicine, J. J. Conybear: A Textbook of Medicine, Stevens: Practice of Medicine, Cecil: Text Book of Medicine, Price: Practice of Medicine, Bazantoni: Practice of Medicine.*

Reference Books: *Older: Modern Medicine, Tice: Practice of Medicine, Cowan and Ritchie: Diseases of the Heart, Campbell Thompson: Diseases of the Nervous System, Church and Fairbank: Nervous and Mental Diseases, Colquhoun: Diseases of the Digestive System, Oxford Monographs, Sir Thomas Lewis: Diseases of the Heart, Beckmann: Treatment in General Practice, Houston: Art of Treatment.*

## X. Clinical Medicine.

Professor.....	K. A. MacKenzie (Head of Dept.).
Associate Professors.....	M. J. Carnay, J. R. Corston.
Assistant Professors.....	T. M. Sieniewicz,*
	C. W. Holland, J. W. Reid, J. W. MacIntosh.
Clinical Instructors.....	C. W. Holland, J. W. Reid,
	J. W. MacIntosh, C. S. Marshall.
Demonstrator.....	W. J. Dyer.

\* On leave for the duration.

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, the Dalhousie Public Health Clinic and the Halifax City Home. 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 specialties 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 Laidlaw: Diseases of the Chest and Principles of Physical Diagnosis, Sedgwick and Munsell: Manual of Physical and Clinical Diagnosis, Furze Stewart: Diagnosis of Diseases of the Nervous System, Houston: Medical History and Case Taking.*

Reference Book: *Meakin: Synopsis in Diagnosis.*

## XI. 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: *Indolf: Medical Treatment of Disease, Hare: Practical Therapeutics, Channing: Modern Methods of Treatment, David Campbell: Handbook of Therapeutics, Beckmann: Treatment in General Practice.*

## XII. 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: *Glaister: Text Book of Medical Jurisprudence and Toxicology.*

## XIII. PSYCHIATRY.

Associate Professor.....	R. O. Jones.
Assistant Professor.....	R. W. M. MacKay.
Clinical Instructor.....	J. W. MacIntosh.
Instructor.....	Miss Louise Wetherell.

Course consists of a series of lectures in Psychobiology in First Year, during which each student is required to write a study of his own personality, designed to give a grasp of normal personality function, important factors in personality development, and the importance of the psychobiological concepts in all medical work.



A course of didactic lectures covering fundamental considerations in psychopathology, with a description of the various reaction types and instruction in methods of psychiatric examination is given in Second Year. Throughout, emphasis is laid on the psychiatric aspect of general medicine, psychosomatic illnesses, and commonly occurring problems of child behavior.

Demonstrations are arranged in the Third Year, including visits to the Nova Scotia Hospital and the City Home, Halifax.

In the Fourth Year, students receive individual instruction in examination and treatment of neuropsychiatric cases at the Dalhousie Public Health Clinic, each student attending the Psychiatric Out Patient Clinic over a four week period.

Text Books: *Muskie: Psychology and Psychiatry*, *Richards: Introduction to Psychology and Psychiatry for Nurses*, *Hillings: Essentials of Psychology and Psychiatry*, *Stricker and Elbogen: Practical Clinical Psychiatry*.

#### XIV. Surgery.

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

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

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

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

#### XV. Clinical Surgery.

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

\* On leave for the duration.

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 Anæsthesia 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.

#### XVI. Urology and Dermatology.

Professor	Frank G. Mack,
Instructor in Clinical Urology	G. A. Winfield,*
Demonstrators in Clinical Urology	A. L. Murphy, W. J. Dyer

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: *Ellsworth and Roberts: Urology*, 4th Ed.

Reference Books: *Harrison: Urology*, *MacKenzie: Diseases of the Skin*, 6th Ed., *Sutton: Diseases of the Skin*, 3rd Ed., *Stokes: Modern Clinical Syphilology*, 2nd Ed.

#### XVII. Eye, Ear, Nose and Throat Diseases.

Professor	A. E. Doull, Sr., (Head of Dept.),
Associate Professor	H. W. Schwartz,
Assistant Professors	H. W. Kirkpatrick, A. E. Doull, Jr., R. H. Stoddard,
Demonstrator	D. M. MacRae.

Instruction in the examination of patients begins in the third year.

Clinical lectures 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: *Mayer: Diseases of the Eye*, *Levins: Diseases of the Ear*, *L. Simon: Hall: Diseases of the Ear, Nose and Throat*, *W. V. Moore: Microscopic Diseases of Nose, Throat and Ear*. Text book of Ophthalmology by *Saxford R. Gilford*.

#### XVIII. 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 third and fourth years in groups of two receive personal instruction in fluoroscopic diagnosis, examination of films and the principals of radio-therapeutics.

\* On leave for the duration.

### XIX. Obstetrics and Gynaecology.

Professor.....	H. B. Atlee (Head of Dept.).
Assistant Professor.....	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. In addition groups in the fourth year are given manikin demonstrations.

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: Ten Teachers: *Mislowitz*. Edes: *Manual of Midwifery*. Beck: *Obstetrical Practice*. Gynaecology: Ten Teachers: *Diseases of Women*.  
**More Advanced Reading:** Obstetrics: DeLee: *Principles and Practice of Obstetrics*. Queen Charlotte text book of Obstetrics. Crossen. *Current Obstetrics and Gynaecology*.

### XXI. Paediatrics.

Professors.....	G. B. Wiswell (Head of Dept.), M. J. Carney.
Associate Professor.....	N. B. Coward.
Demonstrators.....	J. G. D. Campbell*, Florence J. Murray.

Lectures begin in the second year, and are continued in the third year on the primary subjects. In the fourth year, weekly lectures are given on the important subjects of paediatrics. A clinical lecture is held once a week at the Children's Hospital. Group clinical teaching is carried on throughout the session at the Children's Hospital, the Dalhousie Public Health Clinic and the Grace Maternity Hospital.

**Text Books:** Griffiths and Mitchell: *Text Book of Paediatrics*. Holt and McClinton: *Diseases of Infants and Children*. Brown and Tisdall: *Common Procedures in the Practice of Paediatrics*.  
**Reference Books:** Brezneman: *Paediatrics*—4 Vols. Garrod, Patten, Thurfield, Patterson: *Diseases of Infancy and Childhood*.

\* On leave for the duration.

To expedite the training of dental students during the war, classes of the third and fourth years will be carried on without intermission during the summer. Students concerned will be informed as to requirements and dates.

## 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.

#### 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. 16 et seq.

\* For information address Dr. A. J. Bess, Secretary of the Dominion Dental Council, Halifax, N.S.

The University, in recognition of its responsibility to the public, and for its own reputation, reserves the right to terminate the attendance of any student at any time should it appear that he is unlikely to reach such a standard, in the judgment of the Senate, as would warrant his admission to the practice of Dentistry. Fees cannot be refunded to students who have been dismissed for any cause.

#### Affiliated Courses.

A Bachelor of Arts or of Science of this University who has during his Arts or Science course taken the classes of the first year in Dentistry may complete a subsequent Dental course in the University in three years. See pp. 38 and 39.

#### Academic Year.

The Academic Year consists of one session of eight months' duration. The session of 1943-44 will begin on Tuesday, September 14, 1943, and end on Tuesday, May 16, 1944.

No students will be admitted after noon of Monday, September 20.

#### 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. 24 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, Modelling and Metalcraft; Embryology; Histology; Physiology 1.

**Second Year.**

Anatomy 2 and Practical Anatomy; Bacteriology 1; Exodontia; Materia Medica; Metallurgy; Operative Dentistry; Pathology 1; Prosthetic Dentistry and Metallurgy.

**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; Hygiene, Preventive and Clinical Dentistry; History, 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 A manual. 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; Operative Dentistry; Pathology; Prosthetic Dentistry and Metallurgy; 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; 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; 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:

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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, 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. 155).

#### Exemptions.

Candidates may be exempted from examination in one or more subjects of the first three Professional examinations on presenting certificates of having taken equivalent classes and passed equivalent examinations at any dental college recognized by the Senate for the purpose, and complying with the regulations of the University.

#### Instruments and Appliances.

All the heavier appliances are supplied by the University. The student must provide all other instruments, tools and material for his technic and operative work in both Laboratory and Infirmary. Students are warned not to procure operating instruments until entering College. Each student must have the instruments prescribed and of the particular make selected by the Faculty. Arrangements have been made whereby these may be procured to the best financial advantage. The borrowing of instruments is absolutely forbidden.

#### Medals and Prizes.

*For Scholarships and Prizes open to all students of the University see pp. 71-72.*

**University Medal in Dentistry.**—This medal will be awarded on graduation to the student who stands highest in the Final Professional examination, provided he shall obtain Distinction in at least four of the five major subjects of that examination, and shall have reached an exceptionally high standing in the whole four years of his course.

**The Dr. Frank Woodbury Memorial Prizes.**—

These prizes are awarded to students of the final year.

1st—Book Prize to the value of \$20 for the best thesis on an approved dental subject.

2nd—Book Prize to the value of \$15 for the best prosthetic and crown and bridge technic.

3rd—Book Prize to the value of \$15 for the student obtaining highest marks in the infirmary.

**The Dr. W. C. Oxner Prize.**—This prize will be awarded to the student of the final year showing the highest proficiency in crown and bridge procedure.

**The Nova Scotia Dental Association Prizes.**—

Books to the value of \$25 are divided between the two students who make the best two general averages in all subjects of the Third Professional examination, provided the required standard is reached.

**The Dr. W. H. H. Beckwith Prize.**—This prize will be awarded to the student showing the highest proficiency in Operative Dentistry in his second and third years.

**The Charles Bell Memorial Prizes.**—Books to the value of \$25 to be divided between the two students who make the best two general averages in all subjects of the First Professional examination, provided the required standard is reached.

Similar prizes will be awarded for the Second Professional examination.

#### Fees.

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

#### For Registration.\*

Payable by students taking only one class in the University (including Library Fee of \$5.00).....	\$15.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	30.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day....	2.00
Additional annual fee charged to students from outside the British Empire entered in professional or pre-professional courses.....	250.00

#### For Tuition.

Payable by those taking the regular prescribed curriculum, each year.....

This includes tuition, hospitals, laboratories and the regular seasonal 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.

If such withdrawal takes place before December, one-half of the annual tuition fee will be refunded and if between December 1 and February 1, the student will be allowed to repeat his year at one-half the usual tuition fee.

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

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

#### 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.*

*Certificate under the University seal.....	1.00
For D.D.S. Diploma (payable before the fourth year or final examinations, 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 19 to 21 for

Loan Funds.

Caution Deposit.

Laboratory Deposits.

Fee for support of Student Organizations.

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

## CLASSES OF INSTRUCTION.

For the details of Classes in—

**Anatomy, and Histology and Embryology,  
Physiology,  
Biochemistry,  
Pathology and Bacteriology,**  
See p. 135 et seq.

**Drawing and Modelling and Metalcraft.**

Lecturer..... Ellen E. O. Adams.

**Drawing and Modelling.**—A course, sufficiently comprehensive to form a suitable introduction to several succeeding dental subjects in which artistic principles play an important part, will be given during the first year.

**Metalcraft.**—This course, given in the first year, will prepare the student for exercises in dental technology and be a valuable introduction to the practice of Operative, Prosthetic and Preventive Dentistry as well as Orthodontics.

**Dental Anatomy and Comparative Dental Anatomy.**

Professor..... S. G. Ritchie

**Dental Anatomy.**—This course includes a study of the contents of the buccal cavity from a dental standpoint. A practical course in tooth carving and dissection of the natural teeth will be carried on in the laboratory.

**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.

Text Books: Black, Churchill, Stakins, Tenes.

**Hygiene, Preventive and Clinical Dentistry.**

Professor..... J. S. Bagnall.  
Demonstrator in Pre-School-Age  
Public Health Clinic..... A. Borden Haverstock.

This series of lectures given in the final term of the fourth year is designed to emphasize the place of dentistry as a health service. It includes a review of recent research and a discussion of the correlation between dental and systemic disease conditions. The lectures are supplemented by demonstrations in the Victoria General Hospital and in the Pre-School-Age clinic of the Public Health Centre.

**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 practice daily under the supervision of experienced demonstrators. The work of the final year is designed to instruct the student in the details of Operative practice.

Text Books: Macintosh Operative Dentistry.  
Reference Books: G. V. Black, Ward, Marshall, Johnson, Evangeline Jordan.

**Dental Pathology and Therapeutics.**

Lecturer..... A. Borden Haverstock.

The lectures will be given in the third year, with practical demonstrations in the infirmary throughout the last two years. Special reference will be made to the pathology of Pyorrhoæa Alveolaris.

Reference Books: Engelman and Wagner, Burcharod and Inglis, Urban Bunting.

**Materia Medica.**

Lecturer..... K. F. Woodbury.

This course consists of about twenty-five lectures given in the second year. The student is expected to become familiar with prescription writing and the properties, uses and therapeutic effects of the drugs used in dentistry.

Text Books: Buckley, Pritz.

**Orthodontics.**

Professor..... Wm. W. Woodbury.

This subject will be presented in a course of lectures and clinical demonstrations during the last two years.

Text Book: McCoy.

Reference Books: Dewey, Pullen (see in Johnson's Operative Dentistry), Liesher.

**Oral Surgery, Anaesthesia and Physical Diagnosis.**

Professor..... F. V. Woodbury.  
Lecturer..... A. M. Marshall.

A course of lectures on General Surgery given during the second term of the third year.

Text Books: Ross and Carless, Thomson and Miles.

**Surgery.**—A course on Oral Surgery, to be given during the final year, embracing operations which the dental surgeon should be able to perform.

Text Book: Blair.

Reference Books: McCarty, Thomson and Miles, Ivy.

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

Text Book: Burton.

Reference Books: Luke, Struthers.

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

**Exodontia and Radiology.**

*Professor*..... G. R. Hennigar.  
*Demonstrators in the Adult Public Health Clinic*..... G. R. Hennigar, I. K. Lubetsky, F. R. Duxbury, G. M. Dewis, A. G. Nutlay.

**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 is supplemented by infirmary practice in the third and fourth years, and by practical work in administration of local anaesthetics and nitrous oxide in the exodontia clinic of the Public Health Centre in the final year.

*Text Book:* 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 of the infirmary and office patients.

*Text Book:* Rapet, 2nd edition.  
*Reference Books:* McCoy, Thomas, Ogston.

**Prosthetic Dentistry.**

*Professors*..... S. G. Ritchie, J. S. Bagnall.  
 This course continues throughout the last three years. The instruction is didactic and practical.

*Text Books:* *American Text Book of Prosthetic Dentistry.* Kennedy: *Partial Dentures.*  
*Reference Books:* Proshera, Wilson, Campbell, Nichols.

**Crown and Bridge Work and Ceramics.**

*Professor*..... W. C. Orner.  
*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, Crowns, 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:* Davlator.  
*Reference Books:* Evans: *Crown and Bridge*; Peeso: *Crown and Bridge*; Gutter: *Crown and Bridge*; Legro: *Ceramics*; Capon: *Ceramics*; Harwood: *Ceramics*.

**Metallurgy.**

*Lecturer*..... J. S. Bagnall.  
*Demonstrator*..... S. G. Ritchie.

A course of lectures during the second year, on the construction, properties and treatment of metals and alloys used in Dentistry. A series of laboratory demonstrations in working and soldering metals.

*Reference Books:* Ray, Rosenhain, Gibson.

**Dental History, Jurisprudence, Ethics and Economics.**

*Lecturers* G. M. Dewis, A. A. Dunlop, W. H. Jost\*, S. G. Ritchie, A. S. Pattillo, W. W. Woodbury.

**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*.

\*On leave for the duration



## UNIVERSITY LISTS

## Degrees Conferred Session 1941-42

Convocation May 12, 1942

- \*—Degrees conferred during the session.  
 \*\*—In absentia.

## Honorary Degree of Doctor of Laws

Edith MacGregor Read, M.A. (Dal.), A.B. (Radelife)	Toronto, Ont.
Arthur Lismer, A.R.C.A., O.S.A.	Montreal, Que.

## Master of Arts

Cleveland, Eric Joseph, B.A.	Dartmouth, Hfx. Co.
French, Francis Melvin, B.A.	Halifax
**Grant, John Wedon, B.A.	Sunny Brae, Pictou Co.
Lalton, Ralph Clarence, B.A.	San Fernando, Trinidad, B.W.I.
† Marsters, John Francis, B.A.	Dartmouth, Hfx. Co.
Rhoad, Dorothy Putnam, B.A.	Eldersburg, Hfx. Co.
Windebank, William John, B.A.	Mission City, B. C.

## Master of Science

*Bauld, William St. Clair, B.A. (Acadia)	New Glasgow, Pictou Co.
Cotah, Harold Roy Merrifield, B.A., B.Sc. (McA.)	Pogo, Nfld.
Creslin, William Mackay, B.Sc.	Halifax
Feisdel, William Howard, B.A. (Acadia)	Bridgewater, Lun. Co.

## Bachelor of Arts

Amev, William Cecil	North Sydney, C.B. Co.
Bishop, Emmaretta Louise	Bridgetown, Anns. Co.
Black, Donald Johnson	Amherst, Camb. Co.
Blakeley, Phyllis Ruth	Halifax
Boite, Kenneth Louis James	Halifax
Burris, Grace Mariet	Upper Musquodoboit, Hfx. Co.
**Cahan, Jacqueline Flint	Halifax
Cameron, Christina Catherine	Chestnut Hill, Mass., U.S.A.
Campbell, Kathryn Isabel	Halifax
Campbell, Margaret Florence (King's)	Weymouth North, Digby Co.
Cohen, Reuben	Moncton, N. B.
Conseau, Mary Georgina (King's)	Springhill, Camb. Co.
Drillen, Thomas Hubert (King's)	Chatham, N. B.
*Ernst, Scott Leonard	Halifax
Evans, Madeleine Jean	Halifax
Finck, Bernice Josephine	Halifax

Greer, Howard Kelley (King's)	Halifax
Hermans, Natalie Emmeline	Ottawa, Ont.
Hicks, Catherine Donaldia	Halifax
Hyland, Margaret Ann	Halifax
Kinley, Mary Louise	Lunenburg
Lane, James Edison (King's)	Saint John, N. B.
Lane, Phyllis Hutchinson (King's)	Saint John, N. B.
Littlejohns, Elizabeth Rains	Westfield, N. B.
MacDonald, Dorothy Love	Glencoe, Pictou Co.
MacIntosh, Alexander John	Stellarton, Pictou Co.
McKean, Isabel Helena	Centre Burlington, Hants Co.
MacKensie, Dorothy Irene	Halifax
MacLean, Janet Eileen	Sydney Mines, C.B. Co.
MacLean, John Neil	Orangetown, Inv. Co.
Martell, Hazel Iris (King's)	Sydney, C.B. Co.
Martin, Ernest Vincent (King's)	Saint John, N. B.
Moore, Edith Louise (King's)	Dartmouth, Hfx. Co.
Morris, Edmund Leverett	Halifax
Morrison, Joy Henrietta Helen Hunter (King's)	Halifax
Morse, Almira Bernice	Paradise, Anns. Co.
Parkes, Marjorie Beatrice	Halifax
Pope, Margaret Elaine	Halifax
Read, Lawrence McKim	Elmsdale, Hants Co.
Retto, Edward Rose	Ottawa, Ont.
Robinson, Katherine MacLearn	Moncton, N. B.
Roby, Harold Reeve (King's)	Truro, Col. Co.
Rowe, George Charles (King's)	Canso, Guys. Co.
Rowe, William George	Hearts Content, Nfld.
Saunders, Marjorie McKean	Lunenburg
Smith, Herbert Gordon (King's)	Hoyt Station, N. B.
Smith, Mary Katherine	Dartmouth, Hfx. Co.
Webster, Frances Crandall	Halifax
Weldon, Catherine Sterns	Dartmouth, Hfx. Co.
*Windebank, William John	Mission City, B.C.

## Bachelor of Science

Barnes, Melbourne Errol	Dartmouth, Hfx. Co.
Creighton, Austin MacLennan	Tatamagouche, Col. Co.
*DeMose, Agnes Winifred	Lunenburg
Dunn, Andrew Fletcher	Halifax
*Eisenhauer, Martin Albert	Lunenburg
Finley, Russell Allen	Halifax
Fowler, Charles Allison Eugene	Halifax
Fraser, Frederick Ralph	Halifax
Fraser, John Stiles	Wonsan, Korea
French, James Bruce	St. John's, Nfld.
*Graham, Bernard Frederick	Halifax
King, Archibald MacFarlane	Lockeport, Shel. Co.
Long, Bernard Francis	St. John's, Nfld.
**Mardonald, Jean	Moncton, N. B.
MacHattie, Harvey Donald	Halifax
MacIntosh, Carmen Norman	Dartmouth, Hfx. Co.
Sheppard, George Graham	Sydney, C.B. Co.

Simmonds, Doris Evangeline	Charlottetown, P.E.I.
Swanburg, Joyce Eugenie	Armdale, Hfx. Co.
Tasman, John Everett Shaw	Sydney, C.B. Co.
*Titus, Arthur Winston	Yarmouth.
Waterfield, John Stanley	Dartmouth, Hfx. Co.
Webster, David Richan	Yarmouth.
Weir, Edward Fraser	Freepost, Digby Co.
Wilansky, Albert	St. John's, Nfld.
Wood, Alfred Graham	Dartmouth, Hfx. Co.

**Bachelor of Commerce**

Blois, Robert Henry Neil	Halifax.
Doig, David Norman Watson	Halifax.
Glassey, William Ronald	Truro, Col. Co.
Hunter, Dorothy Marguerite	Halifax.
*Johnson, Frank Marvin	New Glasgow, Pictou Co.
Matthew, John Brenton	Sears, P.E.I.
Sutherland, Stuart Alexander	
Campbell	New Glasgow, Pictou Co.

**Bachelor of Laws**

Amiro, Delmar Joseph, B.Com.	Lower East Pictouco, Var. Co.
Ferguson, William Mackay, B.A. (Mt.A.)	Glace Bay, C.B. Co.
**Frankish, Robert Winsfeld	Toronto, Ont.
**Gaudet, Albert Walthea	Charlottetown, P.E.I.
Gray, Charles Leaver Rood	New Glasgow, Pictou Co.
Hartigan, Thomas John, B.A. (St.F.X.)	Sydney Mines, C.B. Co.
Hutton, John MacArthur	Halifax.
Jaffray, Robert	Oakville, Ont.
Jones, Walter Selby Kennedy, B.A.	Liverpool, Queens Co.
Macdonald, Alexander Jean Wentworth	Sydney, C.B. Co.
MacLeod, Allen Joseph, B.A. (Mt.A.)	Sydney, C. B. Co.

**Doctor of Medicine and Master of Surgery**

Annear, William Cameron, B.A. (Mt.A.)	Lower Montague, P.E.I.
Bogg, Robert William, M.Sc.	Halifax.
Campbell, Donald Ignatius, B.A. (Laval), B.Sc. (St. F.X.)	Souris East, P.E.I.
Cantelpe, Douglas Charles Peter	Lunenburg.
Crosby, Adam Brown, B.Sc.	Halifax.
Davis, Eli	Saint John, N. B.
Doane, Allan Rutledge	Iroquois, Ont.
Ferguson, Peter Daniel	Cleveland, Rich. Co.
Foge, Edward MacDonald, B.Sc.	Halifax.
Fowkes, John Albert	Buddeck, Vic. Co.
Griffin, Robert Cedric, B.Sc. (St.F.X.)	Antigonish.
Hopper, Sidney Allan, B.A. (Mt.A.)	Moncton, N. B.
Ideson, Roderick Stuart, B.Sc. (Acadia)	St. Andrews, N. B.
Inman, George Strong Alexander	Summerside, P.E.I.
Jamieson, James Sidney, B.A. (Mt.A.)	Campbellton, N. B.

Kerr, John Roland	Fox River, Camb. Co.
Leith, Wilfred	Sydney, C.B. Co.
Long, James Wilfrid, B.Sc. (St.F.X.)	East Dalhousie, Anna, Co.
Macarthur, Frederic Cressman	Stellarton, Pictou Co.
Macdonald, Austin Alexander, B.Sc.	Whycocomag, Inv. Co.
McKenna, Reginald Ignatius, B.A. (Laval)	Oyster Bed Bridges, P.E.I.
MacLean, James Gillis	Glace Bay, C.B. Co.
MacRae, Duncan Russell	Sydney Mines, C.B. Co.
MacVicar, Archibald Allan, B.A. (Acadia)	Sydney, C. B. Co.
**Martin, John Edward, B.S. (Provid- ence)	Cranston, R.I., U.S.A.
Nichols, Gerald Borden	Aylesford, Kings Co.
Nicholson, William MacKay, B.A.	Reserve Mines, C.B. Co.
Nonamaker, Edgar Paul	Mahone Bay, Lun. Co.
Ormiston, Arthur Wilfred, B.A., B.Sc.	Sydney, C.B. Co.
Quigley, Handed Gordon	Halifax.
*Raider, Louis, B.S. (Brooklyn)	New York, N.Y., U.S.A.
Ramsay, Eiberna Leigh	Northam, P.E.I.
Ritchie, John Andrew	Charlottetown, P.E.I.
Robb, Donald Stirling, B.A., B.Sc.	Halifax.
Robb, Ian Stewart, B.A.	Halifax.
Ross, Henry Brown, B.Sc.	Halifax.
Seaman, Kileen	Liverpool, Queens Co.
Shane, Arthur Gerald, B.Sc.	Yarmouth.
Spiro, Harold Maxim, B.Sc.	New Glasgow, Pictou Co.
VanHorne, Joseph Raymond, B.Sc.	Yarmouth.
Watson, James Hubert	St. John's, Nfld.
Woolner, Lewis Benjamin	North Rustico, P.E.I.
Young, Robert Clarence	Pictou.

**Doctor of Dental Surgery**

Bingham, Robert Hunter	Moncton, N. B.
Condon, James Francis	Westville, Pictou Co.
Kronley, Samuel	Brooklyn, N.Y., U.S.A.
Nickerson, Victor Morse, B.Sc. (Acadia)	Yarmouth.
Outhouse, Percy Clifton	Tiverton, Digby Co.
Shaffner, William Judson	Lawrencetown, Anna, Co.
Trubman, Hyman	New York, N.Y., U.S.A.
Vaughan, John Robert	Halifax.

**Graduate Diploma in Education**

Dickie, Elaine Allison Borden, B.A. (Mt.A.)	Annapolis Royal, Anna. Co.
Ernst, Scott Leonard, B.A.	Halifax.
McKeas, Douglas Bruce, B.A.	Halifax.
Poirier, Alfred Hubert Lorenzo, B.A. (St. F.X.), LL.B.	West Arichat, Rich. Co.

**Licentiate of Music**

Delaney, Madeleine Margaret, B.A.	Halifax.
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## Engineering

Brown, Roger Scott	Halifax.
*Browshill, Harold Elsworth	Halifax.
*Eisenhauer, Martin Albert	Lunenburg.
Fowler, Charles Allison Eugene	Halifax.
Fraser, Frederick Ralph	Halifax.
MacHattie, Harvey Donald	Halifax.
*MacLellan, James Archibald	Rawdon Gold Mines, Hants Co.
Sandoe, Oscar Adrien, B.Sc.	Arnsdale, Hfx. Co.
Waterfield, John Stanley	Dartmouth, Hfx. Co.
Webster, David Richan	Yarmouth.
Wilcox, Robert Bernard	Dartmouth, Hfx. Co.

## Pharmacy

Anderson, Charles Crawford	Glace Bay, C. B. Co.
Cooke, John Esmonde	Sydney, C. B. Co.
Faulkner, Fred George	Halifax.
Ferguson, Clarence Howard	Stellarton, Pictou Co.
Lawton, John Keith	Wabana, Nfld.
Sterns, James Arthur	Glace Bay, C. B. Co.

## HONOURS, PRIZES AND MEDALS

## Diplomas of Honour

English—High Honours	Catherine Donalds Hicks.
Public Administration—High Honours	Lawrence McKim Road.

## Diplomas of Distinction

Distinction—James Bruce French; Reuben Cohen; Phyllis Ruth Elakowley; John Stiles Fraser; Andrew Fletcher Dunn; Janet Eileen MacLean.
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## Graduation Prizes and Medals

Governor-General's Gold Medal	James Bruce French.
University Medal: Faculty of Medicine	Lewis Benjamin Woolner.
Eric Dennis Gold Medal (High Honours in Government and Political Science.	Lawrence McKim Road.
Avery Prize (First Distinction Grad- uate)	James Bruce French.

## Other Prizes Won by Graduates

National Research Council Bursary	Bernard Francis Long.
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## ENTRANCE AND UNDERGRADUATE PRIZES

## Entrance Scholarships

Mathematics Scholarship	1st Alexander Daniel MacDonald.
Pictou Academy Scholarship	Daniel Lawrence Sutherland.
Memorial University College Schol- arship	Harry Spencer Grant.
Elizabeth McKenna Scholarship	James Charles Vibert.

## Regional Scholarships:

First Division	
Laura Jocelyn Bisset	Hector McInnes Mem- orial Scholarship.
Ronald Douglas Drysdale	Hector McInnes Mem- orial Scholarship.
Carl Maurice Little	Hebrew Scholarship, New Brunswick.
Alexander Daniel MacDonald	Hebrew Scholarship, Cape Breton (Honorary).
Helen Jean MacDonald	MacKenzie Scholarship.
James Charles Vibert	Sir William Young Scholarship.
Second Division	
Myra Bernice Colwell	George H. Campbell Memorial Schol- arship.
Helen Hannah Henshaw	Bruce Scholarship.
Third Division	
Gordon Kenneth MacLeod	
Susan Longley Morse	
Daniel Lawrence Sutherland	

## Undergraduate Scholarships and Prizes

George H. Campbell Scholarship (1st yr. Arts and Science)	Laura Jocelyn Bisset.
Bruce Scholarship (1st yr. Arts and Science)	Myra Bernice Colwell.
MacKenzie Scholarship (1st yr. Arts and Science)	Ruth Audrey Norman.
Sidney C. Oland Scholarship in Mathematics (1st yr. Advanced Alexander Daniel MacDonald.	
Allan Pollok Scholarship (2nd yr. Arts and Science)	James Charles Vibert.
North British Society Centennial Bursary (2nd yr. Arts and Science)	Ronald Douglas Drys- dale.
Bruce Bursary (2nd yr. Arts and Science)	David Frederick Clarke Coldwell.
Public Administration Scholarships (2nd yr.)	Keil Antoft. Ruth Leah Paton.
Khaki University Scholarships (3rd yr. Arts and Science)	Elizabeth Caroline Bird. Thomas Robert In- gram.

<b>Evangeline Chapter (I.O.D.E.)</b> Scholarship (English)	David Frederick Clarke Coldwell.
<b>Hugh Graeme Fraser Memorial Prize</b> (Advanced Chemistry)	John Clarence Devins.
<b>Archibald MacMechan Scholarship</b> (English)	James Charles Vibert.
<b>Waverley Prize</b> (Mathematics)	Alexander Daniel Mac- Donald.
<b>Katherine Buttenshaw Prize</b> (Advanced Mathematics)	James Bruce French.
<b>Ross Stewart Smith Scholarship</b> (Arts and Science)	Jayson Greenblatt.
<b>James L. Hall Scholarship</b> (2nd yr. Engineering)	Donald Archibald Burris.
<b>Nova Scotia Headmasters' Associa- tion Prize</b> (Education)	Douglas Bruce Mac- Keen, B.A. Alfred Hubert Lorenzo Poirier, B.A. (St.F.X.), L.L.B.
<b>Medal, offered by the French Gov- ernment through the Halifax Branch of l'Alliance Francaise</b>	Catherine Sterns Weldon.
<b>Carswell Essay Prize</b> (1st yr. Law)	Ralph Austin Parsons.
<b>Carswell Prizes</b> (Regular Course in Law) 1st yr.	Ralph Thomas Vaughan.
2nd yr.	Ralph Lorne MacDou- gall.
3rd yr.	Walter Selby Kennedy Jones, B.A.
<b>Vincent MacDonald Prize</b> (2nd yr. Law)	William John MacInnes.
<b>Professor E. J. Bean Prize</b> (1st yr. Histology and Embryology)	William Inglis Morse.
<b>Professor John Cameron Prize and Anonymous Prize</b> (1st yr. An- atomy)	Roy Andrew Morrow. William Inglis Morse.
<b>Anonymous Prize</b> (2nd yr. Anatomy)	Lionel Guravich.
<b>Prize in Pathology</b> (From the Hebrew Community of Nova Scotia)	Robert MacKay Rowter Henrik Odd Tonning, B.Sc.
<b>Andrew James Cowie, M.D., Mem- orial Medal</b> (4th yr. Obstetrics)	James Robert Feindel, B.Sc. (Acadia).
<b>Dr. John F. Black Prize</b> (4th yr. Surgery)	Augustine MacDonald Guy.
<b>Dr. Clara Olding Prize</b> (4th yr. Med- icine)	Harold Cecil Read.
<b>Anonymous Prize:</b> 4th yr. Anatomy (Second class)	John Ralston Ryan.
<b>Dr. A. F. Miller Prize</b> (Highest stand- ing in Tuberculosis)	Robert Cedric Griffin, B.Sc. (St. F. X.).
<b>Charles Bell Memorial Prizes</b> (1st yr. Dentistry)	2nd Robert Nathan Dean Rice.

<b>Charles Bell Memorial Prizes</b> (2nd yr. Dentistry)	1st Silas Clarke Black. 2nd Donald Chester Eaton, B.Sc. (Acadia).
<b>Dr. W. H. E. Beckwith Prize</b> (Operative Dentistry)	Jed Blackmore Suther- land, B.A. (U.N.B.)
<b>Nova Scotia Dental Association Prizes</b> (3rd yr. Dentistry)	1st Hyman Dubrow, A.B. (Cornell). 2nd Jed Blackmore Sutherland, B.A. (U.N.B.)
<b>Dr. W. C. Osner Prize</b> # (Crown and Bridge)	William Judson Shaffner.
<b>Dr. Frank Woodbury Memorial Prizes:</b> Thesis	Victor Morse Nicker- son, B.Sc. (Acadia).
Prosthetic Technique	John Robert Vaughan.
Infirmary	Robert Hunter Bingham.
<b>Frank Wyeth Horner Prize</b> (Pharmacy)	John Keith Lawton.
<b>W. H. Dennis Prizes</b> (James DeMille Essay—1942)	1st Edmund Leverett Morris. Kell Antoft.

## SPECIAL CONVOCATION JANUARY 5, 1943

## DEGREES CONFERRED

## Doctor of Medicine and Master of Surgery

Archibald, David Breston	Sydney Mines, C.B.Co.
Balleis, Charles Miller	New Glasgow, Pictou Co.
Bashow, Lynn Elwyn	Liverpool, Queens Co.
Bird, Hubert Arthur	Saint John, N. B.
Dunn, Stuart Denoon, B.A. (M.A.)	Pictou.
Feindel, James Robert, B.Sc. (Acadia)	Bridgewater, Lun. Co.
George, Frederick Haslem, B.Sc. (St.F.X.)	Saint John, N.B.
Glick, Samuel Joseph	Halifax.
Grant, Norbet Charles	Montague, P.E.I.
Green, Leo	Halifax.
Guy, Augustine MacDonald	St. John's, Nfld.
Harrison, Edward Richmond	Sydney, C.B. Co.
Henderson, Hugh Malcolm	Halifax.
Higgins, William John	St. John's, Nfld.
Ingram, Robert Fowler	Campbellton, N. B.
LePage, Blois C., B.Sc.	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.
MacDougall, Joseph Augustine, B.Sc. (St. F.X.)	Sydney, C.B. Co.
McPetridge, James Douglas	Middle Musquodoboit, Halifax Co.
MacGregor, Hector Ian, B.Sc.	Halifax.
MacLeod, Ian Murray	Halifax.

## STUDENTS REGISTERED—1942—43

## FACULTY OF ARTS AND SCIENCE

MacQuarrie, William Alexander	Monroton, N. B.
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, B.Sc.	Halifax.
Murray, William Arnold	Hillsboro, Inv. Co.
Price, Ivan Chesley	Fredericton, N. B.
Pritchett, Newton George	Gambie, Nfld.
Read, Harold Cecil	Elmdale, Hants Co.
Roberts, Charles Augustus, B.Sc.	St. John's, Nfld.
Rynn, John Ralston, B.Sc. (Mt.A.)	Springhill, Cumb. Co.
Shea, Wilbert Angus, B.Sc. (St. F.X.)	St. Louis, P.E.I.
Shirley, Samuel Yarn	English Harbour West, Nfld.
Smith, George Murray	Liverpool, Queens Co.
Woodbury, John Francis Lydiard, B.Sc.	Halifax.

## Doctor of Dental Surgery

Ball, Reginald Wilfred	Bedford, Nfld.
*Dubrow, Hyman, A.B. (Cornell)	Rockaway Beach, N.Y., U.S.A.
Sutherland, Jed Blackmore, B.A. (U.N.B.)	Florenceville, N. B.

## Scholarships and Prizes

<b>Dr. A. F. Miller Prize</b> (Highest standing in Tuberculosis)	Richard Joseph Francis Murphy, B.Sc.
<b>Dr. W. C. Osmer Prize</b> (Crown and Bridge)	Jed Blackmore Sutherland, B.A. (U.N.B.).
<b>Dr. Frank Woodbury Memorial Prizes:</b>	
Thesis	Hyman Dubrow, A.B. (Cornell).
Prosthetic Technique	Hyman Dubrow, A.B. (Cornell).
Infirmary	Jed Blackmore Sutherland, B.A. (U.N.B.).

\* In absentia.

Ahlack, John Lennox	Princes Town, Trinidad, B. W. I.
Adler, John	Farnham, Que.
Aikens, Harry Forbes	Stellarton, Pictou Co.
Allen, Barbara Mary	Halifax.
Allen, Vincent Peter	Halifax.
Allison, Laurie MacCallum	Halifax.
Amiro, Nelson Henry	Yar. Co. Middle East Publico.
Ameroso, Arnott Carlos	Oranjestad, Aruba, N. W. I.
Anthony, Ruth Marie	Yarmouth.
Antoft, Kell	Kentville, Kings Co.
Archibald, Arthur Kenneth	Halifax.
Archibald, Joan Dumas	Halifax.
Archibald, Kathleen Murray	Truro, Col. Co.
Arthur, Donald Francis	Halifax.
Baird, Elizabeth Armour, B.A. (U.N.B.)	Chipman, N. B. Halifax.
Balcom, William Kenneth	Halifax.
Ballantyne, Robert Brown	Halifax.
Ballem, John Bishop	New Glasgow, Pic. Co.
Barnett, Ronald Alexander	Halifax.
Barnstead, Frank Edward	Dartmouth, Hfx. Co.
Barringer, Nancy Laetitia Constance	Yarmouth.
Barry, Kevin Joseph	Curling, Nfld.
Barry, Muriel Victoria	Black's Harbour, N. B.
Barton, William Raymond	Halifax.
Bauld, Bruce Renfrew	Halifax.
Bean, Kathryn Elizabeth	Halifax.
Begun, Irving Isaac	Glac Bay, C.B. Co.
Belbin, Guy Fraser	Grand Bank, Nfld.
Bell, James Lawson	Halifax.
Bennett, Graham Alward	New Glasgow, Pic. Co.
Birson, Mavis	Hull, England.
Bird, Betty Caroline	Halifax.
Bishop, William Marshall	(K) New Haven, Conn., U.S.A.
Bisset, Laura Jocelyn	Halifax.
Blakely, Phyllis Ruth, B.A.	Halifax.
Blakeney, Allan Emrys	Bridgewater, Lun. Co.
Bloomer, Julian Cyril Scott	(K) Halifax.
Boswell, Mary MacNeil	Westmount, Que.
Bower, Philip Churchill	Upper Ohio, Shel. Co.
Boylan, Gerald Bernard	New Ross, Lun. Co.
Brown, Francis Berkeley	Mulgrave, Astig. Co.
Brown, Ada Louise	St. John's, Nfld.
Brown, Carl Henry, B.A. (Tor.)	Fairview, Hfx. Co.
Brown, Constance Edna	(K) Speyfield, Hfx. Co.
Brown, James Robert	New Glasgow, Pic. Co.

(K) Enrolled in King's College.

Brownhill, Donald Hugh	Halifax.
Bryant, Norma Phyllis	Halifax.
Burgess, Arthur Ernest	Halifax.
Burgoyne, David Graham	Nakap, B.C.
Burke, Ewart Cecil	St. John's, Nfld.
Burris, Donald Archibald	Upper Musquodoboit, Hfx. Co.
Butler, Allan Hawkins	Halifax.
Buxton, Harry Arthur	Timberlea, Hfx. Co.
Cahan, Jacqueline Flint, B.A.	Halifax.
Cameron, Edwin Hugh MacKinnon	Glace Bay, C.B. Co.
Cameron, Jean Douglas	Chestnut Hill, Mass., U.S.A.
Cameron, John Peter Nelson	Sunny Brae, Pictou Co.
Campbell, Barbara Jean	Halifax.
Campbell, Ian Foster	Halifax.
Campbell, Malcolm Alistair	Halifax.
Carter, Henry Baird	St. John's, Nfld.
Carty, William Robertson	Halifax.
Case, Ruby Louise	St. John's, Nfld.
Caulk, Elmer Joseph	St. John's, Nfld.
Chapman, Lesae Everett	Amherst, Cumb. Co.
Charles, Franklin Russel	San Fernando, Trinidad, B.W.I.
Chin Yee, Harold Reginald	Kingston, Jamaica, B.W.I.
Churchill-Smith, Alan David	Halifax.
Clae, Joseph	Halifax.
Clark, Douglas Southcott	St. John's, Nfld.
Clarke, Victor Lancelot	Dartmouth, Hfx. Co.
Clayden, Florence Virginia Roberta	Moncton, N. B.
Cleveland, Eric Joseph, B.A., M.A.	Dartmouth, Hfx. Co.
Coffyn, Jean Louise	Bathurst, N. B.
Cohen, Moustroy Joseph, B.Sc. (McGill)	Westmount, Que.
Cohen, William	St. John's, Nfld.
Colborne, Blair Baker	Sydney, C.B. Co.
Coldwell, David Frederick	Hantsport, Hants Co.
Collins, Louis William	Halifax.
Collins, Shirley Vivian	Kentville, Kings Co.
Colwell, Myra Bernice	Jemseg, N. B.
ComEAU, Mary Georgina, B.A.	Springhill, Cumb. Co.
Cooper, Harry Rhodes	(K) Halifax.
Corben, Harry Sinclair Parker	(K) New Ross, Lun. Co.
Corringham, Donald Beckley	(K) Saint John, N. B.
Cox, James Arthur	(K) Sheburne.
Cox, Katherine William	Halifax.
Cramb, Jacqueline Browne	Brighton, England.
Cramm, Phyllis Margaret	St. John's, Nfld.
Cranston, William Arthur	Winnipeg, Man.
Crawford, Vernon D'Ossay, B.A. (Mt. A.)	Amherst, Cumb. Co.
Crouse, Carroll LeRoy	Lapland, Lun. Co.

(K) Enrolled in King's College.

Crowdis, Donald Kennedy, B.A., B.Sc.	Windsor Junction, Hfx. Co.
Crummey, Vera Isabelle	St. John's, Nfld.
Currie, Richard Montgomery	Halifax.
Darcy, Douglas Augustine, B.Sc.	St. John's, Nfld.
Darcy, James Michael	St. John's, Nfld.
Dauphinee, Gerald Albert	Beaver Bank, Hfx. Co.
David, Ruth Jean	New Glasgow, Pic. Co.
Devins, John Clarence	Mabuse Bay, Lun. Co.
Dickinson, Thurston Eugene	Woodstock, N. B.
Dieser, Clara	Saint John, N. B.
Donkin, George Peter Hiram	Prince's Lodge, Hfx. Co.
Donnelly, Murray Samuel, B.A. (Mt. A.)	Port George, Anna. Co. (K) New Glasgow, Pic. Co.
Douglas, Margaret Eleanor	Lower Sackville, Hfx. Co.
Douglas, Mary Crietion Vibert	
Dowell, Gordon Donaldson, B.Sc. (Aradia)	Halifax.
Dowell, Ronald Chester	Halifax.
Doye, Edward Boutin, B.A. (St. P.X.), M.A.	Arichat, Rich. Co.
Drysdale, Margaret Olive Campbell	Halifax.
Drysdale, Ronald Douglas	Halifax.
Dubinsky, Harry	Sydney, C.B. Co.
Duff, Prescott Tanton	Bridgewater, Lun. Co.
Dunbrack, Charles Edward	Halifax.
Dunlop, William Bruce	Halifax.
Eisener, Carl Joseph	Dartmouth, Hfx. Co.
Eisenbauer, Daniel Andrew	Luzemburg.
Eld, Clarence Frederick	Halifax.
Ells, Margaret Elizabeth, M.A.	Halifax.
Etter, Mona Phyllis	(K) Shubensacadie, Hants Co.
Evans, Donald Edwards	Halifax.
Eveleigh, Frederick Gordon	Halifax.
Farquhar, Margaret Jean	Halifax.
Feanny, Winston Andrew	Kingston, Jamaica, B.W.I.
Feltham, Kirk Lincoln	Deer Island, B.Bay, Nfld.
Ferguson, Percy Graeme	Tangier, Hfx. Co.
Ferguson, Philip Henry	New Glasgow, Pic. Co.
Felding, George Parker	Dartmouth, Hfx. Co.
Finck, Bernice Josephine, B.A.	Halifax.
Fineberg, Elliot	Halifax.
Finnamore, Catherine Jean	Saint John, N. B.
Fraser, Charles Weldon	Hopewell, Pictou Co.
Fraser, Douglas Hugh	Halifax.
Fraser, Frederick Ralph, B.Sc.	Halifax.
Fraser, James Drummond	New Glasgow, Pic. Co.
Fredericks, Roderick Gerald	Imperial, Hfx. Co.
Freedman, Lewis Herbert	Saint John, N. B.

(K) Enrolled in King's College.

Frost, David Lawson	Huntington, C.B. Co.
Fry, Barbara Elizabeth	Halifax.
Funt, Boets Lijsset	Halifax.
Garrett, Renée Jean	Brighton, England.
Garson, Freda	Saint John, N. B.
Gilbert, Harvey Hunt Trot	Somerset, Bermuda.
Gillis, Gordon Harvey Kane	Halifax.
Giovannetti, Louis Elmer	Sydney, C. B. Co.
Glube, Harriet Ann	Halifax.
Goodman, Annetta Lora	New Glasgow, Pic. Co.
Gordon, Ann Miriam	Halifax.
Gordon, Howard Scott	Halifax.
Gordon, William Verner	Halifax.
Gorham, Evile	Halifax.
Gough, Lloyd George	Halifax.
Graham, Dorothy Christine	Halifax.
Graham, Dorothy Jean	Halifax.
Graham, Verne Allister	Halifax.
Grant, Robert Silver	Halifax.
Granter, Harry Spencer	Safe Harbour, B. Bay, Nfld.
Graves, Margarite Rebecca	Halifax.
Graves, Robert Charles	St. Catharines, Ont.
Gray, David Alfred	Grindstone, Magdalen Islands, Que.
Gray, Robert Archibald	Grindstone, Magdalen Islands, Que.
Greek, Edith Rae	(K) McAdam, N. B.
Greenblatt, Jayson, B. Sc	Moncton, N. B.
Greer, Howard Kelley, B.A	Halifax.
Guthrie, Myra Almeida	Halifax.
Hagen, William Dobson	Halifax.
Hall, Clifford Norcton Wesley	Halifax.
Hall, John Morley Clegg	Halifax.
Hanson, James Neil	Halifax.
Hanna, Richard Miles	Albany, B. C.
Hardy, John Everett	Gabarus Barachois, C. B. Co.
Harris, William Frederick	Halifax.
Harrison, Frances Jean	Dartmouth, Hfx. Co.
Harrison, Kathleen Ada	Halifax.
Hart, Gordon Leavitt Shaw	(K) Halifax.
Hartling, Arthur Charles	Halifax.
Harvey, Willis Stanley	Halifax.
Harvey, Winnifred Joyce	Halifax.
Hatfield, Leonard Fraser, B.A	Port Greville, Cumb. Co.
Hawkins, George Stewart	Milford Station, Hants Co.
Hawkins, Winthrop Wesley, B.A. (U.N.B.)	Aroostook Junction, N.B.
Hearts, Arthur Nicholson	Charlottetown, P.E.I.
Hobb, Donald Eugene	Stella-ton, Pictou Co.
Henneberry, Gerald Owen	Halifax.

(K) Enrolled in King's College

Hennigar, Theodore Roberts	Chester Basin, Lun. Co.
Hibbitts, John Bernard	Halifax.
Hinch, Arthur Thomas	Halifax.
Hinch, Lawrence Henry	Halifax.
Hirsch, Solomon	Sydney, C. B. Co.
Hirtle, Lloyd Roy	Halifax.
Hopewell, Elaine Ashley	Halifax.
Hopgood, Douglas Carlton	Halifax.
Hopmans, Charles Clifford	Hamilton, Ont.
Horne, Lindsay Joseph	Waverley, Hfx. Co.
Howard, George Foster	Halifax.
Hubble, Owen Glen	Halifax.
Hunt, Douglas Charles	St. John's, Nfld.
Hunter, Helen MacKay	Halifax.
Hyland, Margaret Anne, B.A	Halifax.
Ingraham, Thomas Robert	Halifax.
Jacobson, Robert Charles	Chatham, N. B.
James, Ruth Loughead	Halifax.
Jamieson, Bernadette Thérèse Marie	Halifax.
Jeffrey, Kenneth Hoyax	Halifax.
Jeffrey, Robert Earl	Halifax.
Johnson, Aubrey Edmund	Great Village, Col. Co.
Johnson, Douglas Carmichael	Halifax.
Johnson, Mary Russell	Halifax.
Johnson, Otto Adolph	Corser Brook, Nfld.
Johnson, Thomas Albert	Great Village, Col. Co.
Johnston, James William Derek	Halifax.
Kahn, Ludwig Robert	Halifax.
Keeping, Frances Elizabeth, B.A. (Acadia)	Kentville, Kings Co.
King, Cyril Arthur	Halifax.
King, Wilson Charles	St. John's, Nfld.
Kirkcaldie, Robert John	Halifax.
Kruh, Erich	Toronto, Ont.
Lantz, Gerald Gordon	Halifax.
Lavers, Elizabeth Kingsley	Paraboro, Cumb. Co.
Lawrence, Patrick Charles John	Halifax.
Lesser, Joseph Harris	Saint John, N. B.
LeVatie, Woodrow Wilson	(K) Sydney, C. B. Co.
Leventhal, Abe Joe	Halifax.
LeVine, Helen Sylvia	Halifax.
LeVine, Larry Arnold	Halifax.
Lewis, Harvey MacLeod	Louisburg, C. B. Co.
Lewis, Margaret Eirici	Portbeaulieu, Giam, S. Wales.
Lindo, Randolph Anthony Lopez	Kingston, Jamaica, B.W.I.
Little, Carl Maurice	Campbellton, N. B.
Littlejohns, Elizabeth Rains, B.A.	Westfield Centre, N.B.
Litwin, Rhoda Gloria	Campbellton, N. B.
Long, Bernard Francis, B.Sc	St. John's, Nfld.
Longard, Edward James	Halifax.

(K) Enrolled in Kings College.

Lough, George Kenneth	Halifax
Low, Doris Hilda	Halifax
Lugar, Robert David Faraday	Bedford, Hfx. Co.
Lund, Shirley Roberta	Dartmouth, Hfx. Co.
McCain, Robert Raston	Florenceville, N. B.
McCleave, Robert Jardine	Beaton, N. B.
McCologh, Charles Peter Philip	Halifax
McCologh, John Reginald Gerrard	Halifax
MacDermid, Florence Mary	Baddeck, Vic. Co.
MacDonald, Alexander Daniel	Sydney, C. B. Co.
MacDonald, Errol David	Halifax
Macdonald, Helen Jean	Glace Bay, C. B. Co.
MacDonald, Jansel Wright	Halifax
MacDonald, Robert Matthews	Sydney, C. B. Co.
MacDougall, John Edward	Halifax
McFetridge, Victor Hanna	Middle Musquodoboit, Hfx. Co.
McGillivray, Joseph Irving	Amherst, Cumb. Co.
MacInnis, Donald Ross	Shubenacadie, Hants Co.
MacInnis, Joan Terese	Glace Bay, C.B. Co.
MacInnis, Ruth Morrison	Shubenacadie, Hants Co.
MacKay, Donald Akerley	Petite Riviere, Lun. Co.
MacKay, Frank Roland	Tatamagouche, Col. Co.
MacKay, Helen Margaret	Pictou
MacKay, John Gilbert	Tatamagouche, Col. Co.
MacKay, Mary Elizabeth Alphavetta	Wolfville, Kings Co.
MacKay, Neil Ainslie	West Bay, Inv. Co.
MacKeigan, Mary Elizabeth	Halifax
MacKeigan, William Henderson	Halifax
McKelvie, James Esai	Halifax
McKenna, John Rogers	Saint John, N. B.
MacKenzie, Donald	Halifax
MacKenzie, Laura Marie	Halifax
McKim Thomas Renfrew GChrist	Halifax
MacKinley, Lillian Jean	Glace Bay, C. B. Co.
McLaren, James Clark	Ottawa, Ont.
MacLean, James Leslie	Halifax
MacLean, Janet Eileen, B. A.	Sydney Mines, C.B.Co.
Maclean, John Gray	Hopewell, Pictou Co.
McLellan, Harold Keith	Halifax
McLellan, John Fraser	Sydney, C. B. Co.
MacLeod, Charles Franklyn	Halifax
MacLeod, Gordon Kenneth	Halifax
MacLeod, Hugh Donald	Scottsboro, Pictou Co.
MacLeod, John Norman	Glace Bay, C. B. Co.
MacLeod, Lawrence Melville	Imperoval, Hfx. Co.
MacLeod, Murray Douglas	New Glasgow, Pictou Co.
MacMillan, May Elizabeth Joyce	Halifax
McNee, Sydney John	Glace Bay, C. B. Co.
MacPherson, John Adam	Glen Martin, P.E.I.
MacPherson, Margaret Gordon	Bridgewater, Lun. Co.
MacQuarrie, Irma Maureen	Halifax
MacQuarrie, John Robert	Egerton, Pictou Co.
MacK, George Edward, B.Sc. (Agr.) (McGill)	Truro, Col. Co.
Mackley, Anse MacLennan	Sydney, C. B. Co.

Mader, Eileen Brunswick	Mahone Bay, Lun. Co.
Mallam, Royce Douglas	Halifax
Marcus, Roslyn Carol	Rothesay, N. B.
Martell, Hazel Iris, B. A.	Sydney, C. B. Co.
Martin, Frederic Shaw	New Perth, P. E. I.
Martin, Kathleen Fyran Townsend	Armdale, Hfx. Co.
Matheson, Donald Thomas	Halifax
Mencheson, Douglas Charles	Halifax
Mendelson, Morris	Moncton, N. B.
Mendelson, Morris	Moncton, N. B.
Merry, Eugene Andrew	Middleton, Anns. Co.
Miller, Anne Doreen DeMille	East Riverdale, N. B.
Miller, Dunstan Lorens	(K) Toronto, Ontario
Mitchell, Leonard	Halifax
Mitchell, Malcolm Harris	Halifax
Mitchell, Reynold St. Clair	Sydney, C. B. Co.
Moir, Donald Arthur	Dartmouth, Hfx. Co.
Morganhan, Theresa Marie Veronica	Halifax
Morris, Edmund Leverett, B. A.	Halifax
Morrison, Margaret Grace Hunter(K)	Halifax
Morse, Susan Longley	Paradise, Anns. Co.
Mosher, George Bedford	Halifax
Mosher, Gerald Alfred	Halifax
Moulton, Richard Walton	Halifax
Mounsey, Yvonne Adelaide	Edinburgh, Scotland
Murphy, Francis Eugene Joseph	Halifax
Murray, Joan Campbell	Dartmouth, Hfx. Co.
Musset, Robert Duncan	Halifax
Myers, Stella Lillian	Dartmouth, Hfx. Co.
Myrden, James Allan	Halifax
Nathanson, Jerome Marvin	Sydney, C. B. Co.
Nault, Ernest Herbert, B. A.(Ottawa)	Maniwaki, Que.
Nicholson, Joyce Christine	Glace Bay, C. B. Co.
Norman, Leverett Morton	Halifax
Nunes, Ferdinand	San Fernando, Trinidad, B. W. I.
Oakley, James Pemberton	Dartmouth, Hfx. Co.
O'Brien, Ralph Harvey	Halifax
O'Brien, Roy Allen	Halifax
Oland, Don Jaime	Halifax
O'Neill, Thomas John	Halifax
O'Toole, Ann Elizabeth Marie	Baddeck, Vic. Co.
Oxnor, Donald Lelroy	Lunenburg
Pateron, Helen Bell	Dartmouth, Hfx. Co.
Pateron, Ruth Louise	Dartmouth, Hfx. Co.
Paton, Ruth Leah	Halifax
Fayzant, Lewis John	Halifax
Fayzant, Marie Audrey	New Glasgow, Pict. Co.
Peach, Thomas Allan	(K) Glace Bay, C. B. Co.
Pentz, Ella Irene, B. Sc.	Halifax
Phillips, Virginia Jane	Halifax
Phinney, Ansa Jean MacLaren	Halifax

(K) Enrolled in King's College.



Phinney, Catherine Eileen Steven	Halifax.
Phinney, Frank Eugene	Melvers Square, Anna Co.
Pippy, William Gerald	St. John's, Nfld.
Pond, Robert William, Frederick	Halifax.
Pope, William Robert	Halifax.
Power, Henry Edwin	Halifax.
Price, Ellis Wendell	Halifax.
Proctor, Keuben Peter	Armdale, Hfx. Co.
Quigley, John Howden	Halifax.
Quigley, Ross Leonard	Halifax.
Ramey, Thelma Pearl	Halifax.
Ramoutar, Samuel Ruskin	San Fernando, Trinidad, B. W. I.
Reddin, William Arthur, B.A. (Laval)	Southport, P. E. I.
Regan, Walter Stephen	Windsor, Hants Co.
Reid, Thora Alice	West Saint John, N. B.
Rice, Donald Bemister	Millerton, N. B.
Richardson, Raymond Harvey	Indian Harbour, Hfx. Co.
Robertson, Robert Archibald	Halifax.
Rodgers, Roy	Old Perlican, Trinity Bay, Nfld.
Roger, Jane Baskerville	Ottawa, Ont.
Rogers, George Jennings	(K) Charlottetown, P. E. I.
Rogers, Thomas Norton	(K) Charlottetown, P. E. I.
Rosenfeld, George Bernard, B. A. (N.Y.U.), M. A. (Col.)	Brooklyn, N. Y., U.S.A.
Ross, John Allister	Sydney, C. B. Co.
Ross, John William	New Glasgow, Pic. Co.
Roy, Wilfred Gerald	Campbellton, N. B.
Rozee, James Misener	Halifax.
Randle, Lorenzo Gordon	New Glasgow, Pic. Co.
Saffron, Arthur Samuel	Springhill, Cumb. Co.
Sakol, Ronald Charles	Albion, Penna., U.S.A.
Saunderson, Ann St. Clair	Halifax.
Schrage, Samuel	Dartmouth, Hfx. Co.
Schwartz, Abraham	Halifax.
Scouler, Daniel	Armdale, Hfx. Co.
Scrymgeour, John Alexander	Dartmouth, Hfx. Co.
Secord, Joseph Alward	(K) Saint John, N. B.
Seeley, Robert King	Halifax.
Sellick, Lester Benjamin	Charlottetown, P. E. I.
Shaw, Ralph Ainslie	Sydney, C. B. Co.
Sheffman, Abraham	St. John's, Nfld.
Sherman, Norma Mary	Halifax.
Shields, Edward John	(K) Windsor, Hants Co.
Shields, Lenora Grace MacLeod	Halifax.
Shenewick, Barbara Louise	Saint John, N. B.
Sinanan, Toolis David	San Fernando, Trinidad, B. W. I.

(K) Enrolled in King's College.

Sister, Charles Clare	Halifax.
Sister Mary Felicitas	Saint John, N. B.
Skinner, Charles Martel, B. Sc.	Louisburg, C. B. Co.
Slade, Jabez Hill	Salmon Cove, Carbon-sar, Nfld.
Small, Basil Borden	(K) Halifax.
Small, Helena Blanche, B. A. (Acadia)	Truro, Digby Co.
Smith, Donald MacKeen	Halifax.
Smith, George Avery	Halifax.
Smith, Leonard Fraser	Halifax.
Smith, Murray Hezekiah	Port Hood Island, Inv. Co.
Smith, Robert Sidney	Halifax.
Snow, James Murray	Halifax.
Somes, Frank George	Halifax.
Stack, Edward Daniel	Calgary, Alta.
Stephens, Celia Mary Rosamund	Richmond, Surrey, England.
Steermann, Arthur	Montreal, Que.
Stewart, John Thomas	Middle Musquodobiit, Hfx. Co.
Strand, Thomas John	Wellington, Shropshire, England.
Sturge, Edwin Clifton	Glovertown, B. Bay, Nfld.
Sullivan, Charlotte Murdock, B. Sc.	Fairville, N. B.
Sutherland, Daniel Lawrence	Pictou.
Sutherland, William Allison	Saint John, N. B.
Swain, Norman MacLean	Halifax.
Swanson, Robert Harple	Halifax.
Tambon, Kenneth Marius Gordon	Halifax.
Taylor, Frederic Savary	(K) Rothesay, N. B.
Terris, Walter Blair	River John, Pictou Co.
Theriault, John Charles	Halifax.
Thibeault, Leonard Eli	Halifax.
Thomas, Leah Almythe	St. Stephen, N. B.
Thompson, Frederic	St. John's, Nfld.
Tilson, Jacqueline Mary	Tilsonburg, Ont.
Tulk, Raymond George	Halifax.
Tyler, Hilda Evelyn	Halifax.
Vaughan, Joan Emma	Halifax.
Vaughan, Thomas Edwin	Halifax.
Vavasseur, Gerald Ralph	St. John's, Nfld.
Vibert, James Charles	Stewiacke, Col. Co.
Wade, Sarah Frances	(K) Halifax.
Walker, Anne Elizabeth	Halifax.
Ward, Anthony Erskine	Christ Church, Barbados, B. W. I.
Ward, Charles Chesley	Sambro, Hfx. Co.
Washburn, George Hart	Halifax.
Waterford, Murdo Charles	Halifax.
Webber Russell Bruce	Dartmouth, Hfx. Co.
Weiner, Norman Daniel	Halifax.

(K) Enrolled in King's College.

Weir, Jean Frances	Freeport, Digby Co.
Weldon, Catherine Sterna, B.A.	Dartmouth, Hfx. Co.
Westhaver, Clyde Gleason	Martin's Brook, Lun. Co.
Whiston, Arthur Frederick	Bayside, Hfx. Co.
White, Barbara Scott	Sussex, N. B.
Whyte, Isabel Geraldine	Sydney Mines, C.B.Co.
Wickwire, Robert Donald Thomas	Halifax.
Wickwire, William Alexander Keith, B.Sc.	Halifax.
Wilansky, Albert, B.A., B.Sc.	St. John's, Nfld.
Wilson, John Eric Culverwell	Halifax.
Willett, Donald Jackson	Saint John, N. B.
Wilmot, Anna Audrey	Moncton, N. B.
Wilmot, Isabella Ruth	Moncton, N. B.
Wilson, James Donald	Dartmouth, Hfx. Co.
Wilson, Kenneth Gerard	Halifax.
Winstor, George Dean	Mount Royal, Que.
Wlasterbourse, John Anderson	Halifax.
Wuswell, Gordon Blanchard	Halifax.
Wood, Alfred Graham, B.Sc.	Dartmouth, Hfx. Co.
Woodbury, Jean Harrington	Halifax.
Woolaver, Bertha Parker	(K)Newport, Hants Co.
Yanchak, Eugenia	Halifax.
Yeadon, Dale Everett	Halifax.
Young, Jean Drury, B.A. (Acadia)	Dartmouth, Hfx. Co.
Zappler, Harry Sil	New York, N.Y., U.S.A.
Zatzman, Myer	Halifax.
Zinck, Robert Wesley	Dartmouth, Hfx. Co.

## Registered for Examinations Only

Bagnall, Stephen Geoffrey	Halifax.
Brissonden, Patrick Melville	Halifax.
Brown, Roger Scott	Halifax.
Brown, Sewall Melvin	Banger, Maine, U.S.A.
Churchill, Randolph Murray	Brace Hill, Shed. Co.
Congdon, John Mitchell	Dartmouth, Hfx. Co.
Dunham, Donald Francis	Halifax.
Etter, Basil Stanley Malcolm	Shubenacadie, Hants Co.
Fanjoy, Roy Wilfred	Young's Cove Road, N.B.
Jackson, Donald Ernest	Halifax.
Kenter, Paul Benjamin	Hamilton, Ont.
King, Theodore Asquith	Brigus, Nfld.
Kirkpatrick, Donald Hartley	Halifax.
Krapp, Margaret Elizabeth	Fort-aux-Basques, Nfld.
Mesinger, Neil Nicholas	Halifax.
Moss, John Frederick	Liverpool, Queens Co.
Rogers, John Rowland	Charlottetown, P.E.I.
Smith, Collin Henderson	Halifax.
Spiro, Theodor Herzl, B.Com.	New Glasgow, Pic.Co.
Woolaver, Frank Nelson	Newport, Hants Co.

(K) Enrolled in King's College.

## FACULTY OF LAW

## Third Year

Allen, Elizabeth Houston, B.A. (W.Va.)	Elkins, W.Va., U.S.A.
Forbes, Frederick Harris, B.A. (Mt.A.)	Moncton, N. B.
Kapak, William Peter	Nelson, B. C.
LeMoine, John Junior	Ambert, Camb. Co.
Mardonald, Alan Webster, B.A.	Kentville, Kings Co.
MacDougall, Ralph Lewis	Halifax.
MacInnes, William John	Halifax.
MacMillan, Joseph Roland	Charlottetown, P.E.I.
Roger, Frederick Baskeville, B.A. (Queen's)	Ottawa, Ont.
Turner, Alan Jerome, B.A.	Halifax.
Wintermeyer, John Joseph, LL.B. (Harv.), Ph.D. (Notre Dame)	Kitchener, Ont.

## Second Year

Cohen, Reuben, B.A.	Moncton, N. B.
Hanns, Richard Miles	Albani, B.C.
Johnston, Ermaline Lorraine Elizabeth, B.A. (U.B.C.)	Vancouver, B.C.
Kinley, Mary Louise, B.A.	Lunenburg, Hants Co.
Lawrence, William Robert	Glace Bay, C.B. Co.
MacIvor, Malcolm Lawrence	Glace Bay, C.B. Co.
O'Connell, John Charles, B.A. (St. F.X.)	Sydney, C.B.Co.
Parsons, Ralph Austin	St. John's, Nfld.
Vaughan, Ralph Thomas	Halifax.

## First Year

Barry, Kevin Joseph	Curling, Nfld.
Blancy, Frances Gertrude	Vancouver, B. C.
Crouse, Carroll LeRoy	Laplant, Lun. Co.
King, Theodore Asquith	Brigus, Nfld.
MacLeod, Lawrence Melville	Imperoyal, Hfx. Co.
Proudfoot, William Fraser	Wahana, Nfld.
Reddin, William Arthur, B.A. (Laval)	Southport, P.E.I.
Wilson, John Elkin	Saint John, N. B.

## Special Students

Davison, Roy Edwin	Halifax.
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## Registered for Examinations Only

Gardner, Allan Drayton	Brooklyn, Queens Co.
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## FACULTY OF MEDICINE

## Fifth Year (May-December, 1942)

Archibald, David Brenton	Sydney Mines, C.B.Co.
Ballem, Charles Miller	New Glasgow, Pic.Co.
Bashow, Lynn Elywn	Liverpool, Queens Co.
Bird, Hubert Arthur	Saint John, N. B.
Dunn, Stuart Denoon	Pictou.
Feindel, James Robert, B.Sc.	
(Acadia)	Bridgewater, Lun. Co.
George, Frederic Hullesem, B.Sc.	
(St. F.X.)	Saint John, N. B.
Glick, Samuel Joseph	Halifax.
Grant, Norbert Charles	Montague, P.E.I.
Green, Leo	Halifax.
Guy, Augustine MacDonald	St. John's, Nfld.
Harrigan, Edward Richmond	Sydney, C.B. Co.
Henderson, Hugh Malcolm	Halifax.
Higgins, William John	St. John's, Nfld.
Ingram, Robert Fowler	Campbellton, N. B.
Lawton, Louis Edmund	Wabana, Nfld.
LePage, Blais 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.
MacDougall, Joseph Augustine, B.Sc.	
(St. F.X.)	Sydney, C. B. Co.
McPetridge, James Douglas	Middle Musquodoboit,
	Hfx. Co.
MacGregor, Hector Ian, B.Sc.	Halifax.
MacLeod, Ian Murray	Halifax.
MacQuarrie, William Alexander	Moncton, N. B.
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.C.o.
Murphy, Richard Joseph Francis,	
B.Sc.	Halifax.
Murray, William Arnold	Hillsboro, Inv. Co.
Prica, Ivan Chesley	Fredericton Jet., N. B.
Pritchett, Newton George	Gambs, B.Bay, Nfld.
Read, Harold Cecil	Elmsdale, Hants Co.
Roberts, Charles Augustus, B.Sc.	St. John's, Nfld.
Ryan, John Ralston, B.Sc. (Mt. A.)	Springhill, Cumb. Co.
Shea, Wilbert Angus, B.Sc. (St.F.X.)	St. Louis, P.E.I.
Shirley, Samuel Yarn	English Harbour West,
	Nfld.
Smith, George Murray	Liverpool, Queens Co.
Woodbury, John Francis Lydiard,	
B.Sc.	Halifax.

## Fourth Year (May-December, 1942)

Anderson, Thomas Ashburnham, B.A.	
(U.N.B.)	Fredericton, N. B.
Bethune, Gordon Wallace, B.Sc.	
(Acadia)	Baddeck, Vic. Co.

Bethune, Robert William MacAskill	New Glasgow, Pic.Co.
Bland, Stanley Scott	Halifax.
Charman, John Herbert	Annapolis Royal, Anna.
Crowe, James Bruce	Co.
Dewar, Lloyd George	New Perth, P.E.I.
Downing, John Bell	Summerside, P.E.I.
Dunsworth, Francis Alfred	Halifax.
Fraser, Kenneth Archibald	Whytecomagh, Inv.Co.
Gaum, David	Sydney, C.B.Co.
Graham, Bernard Frederick, B.A.,	
B.Sc.	Halifax.
Graham, Donald Vye, B.Sc.	Halifax.
Keays, James Fraser, B.A. (Mt. A.),	
B.Sc.	Newcastle, N. B.
Kristal, Louis	New Waterford, C. B.Co.
Lavers, Harlan David, B.Sc.	
(Acadia)	Farrsboro, Cumb. Co.
Leighton, Claude Moore, B.Sc.	Moncton, N. B.
Levin, Archdale Sydney	St. John's, Nfld.
MacDonald, Gordon Murray, B.Sc.	
(Mt.A.)	Glace Bay, C.B. Co.
MacKenzie, Robert Gordon, B.A.	
(Acadia)	Truro, Col. Co.
MacLeod, Lloyd Allan	Glace Bay, C.B. Co.
Macneill, Neil Francis, B.Sc. (St.F.X.)	Glace Bay, C. B. Co.
Madore, Patrick	Sydney, C.B.Co.
Melloy, John Hubert	St. John's, Nfld.
Perlin, Irving Abraham, B.Sc.	Sydney, C.B. Co.
Ritchie, Ronald Morrison	Maitland Bridge, Anna.
Rowler, Robert MacKay	Co.
Simms, Douglas Charles	St. John's, Nfld.
Sullivan, John Ronald, B.Sc. (Holy	
Cross)	Fairville, N. B.
Sutherland, Donald Fraser	New Glasgow, Pic.Co.
Tennings, Henrik Odd, B.Sc.	Black's Harbour, N. B.
Tupper, William Roderick Carl, B.Sc.	New Glasgow, Pic. Co.
Veniot, Louis Maurice	Bathurst, N. B.
Wilson, Bentley Robertson, B.Sc.	
(Acadia)	Halifax.
Wiswell, John Gordon, B.A., B.Sc.	Halifax.
Wright, John Sidney, B.Sc.	Bedouque, P.E.I.

## Third Year (May-December, 1942)

Adams, Carl Raymond	Springhill, Cumb. Co.
Ballem, Ralph William McKeen	Sydney, C.B. Co.
Baras, Allison Houston, B.Sc. (Acadia)	Rose Bay, Lun. Co.
Black, Douglas Gordon	Sackville, N. B.
Bramsen, Ronald Ellsworth, B.Sc.	
(Acadia)	Barrington Passage,
	Shed. Co.
Davis, Murray McCulloch, B.A.	Truro, Col. Co.
Dehly, John Peter, B.Sc. (St. F.X.)	Saint John, N. B.
Fleming, Adelaide Louise, B.Sc.	Halifax.

Gass, George Donald	Sackville, N. B.
Gordon, Charles Alexander	Campbellton, N. B.
Gough, James	Corner Brook, Nfld.
Greene, Carrol Burnell, B.Sc. (Acadia)	Canning, Kings Co.
Guarvich, Lionel	Toronto, Ont.
Hall, Henry Kenneth	Vancouver, B. C.
Hazen, Frank Creagh	Saint John, N. B.
Lauder, Harry Robinson, B.Sc.	Saint John, N. B.
Macdonald, Francis Benedict, B.A., B.Sc. (St. F. X.)	Glace Bay, C.B.Co.
Macdonald, Jean, B.A., B.Sc.	Moncton, N. B.
Macdonald, William Douglas	Moncton, N. B.
MacKeigan, Donald Sellers, B.A., B.Sc.	Halifax.
McLean, Donald Alexander, B.Sc., (St.F.X.)	Forest Hills, N.Y., U.S.A.
Mack, Frank Gordon	Halifax.
Mercer, Arthur Henry, B.A.	Halifax.
Muir, Donald MacGill, B.Sc. (Acadia)	Shelburne.
Murray, Gordon MacGregor	Sydney, C.B. Co.
Murray, Irwin MacKay	Stellarton, Pictou Co.
Pierce, Max Kenneth, B.Sc. (Man.)	Winnipeg, Man.
Pottle, Clarence Herbert	Carbonear, Nfld.
Reid, John Burris	Truro, Col. Co.
Roy, Alexander Kerr, B.Sc.	North Sydney, C.B.Co.
Stewart, Harry Leslie	Belle River, P.E.I.
Strickland, Samuel Clyde, B.Sc.	New Glasgow, Pic. Co.
Timmins, Gordon Daniel	Fredericton, N. B.
Walsh, Cyril John	Corner Brook, Nfld.

#### Fifth Year (January—August, 1943)

Anderson, Thomas Ashburnham, B.A. (U.N.B.)	Fredericton, N. B.
Bethune, Gordon Wallace, B.Sc.	Fredericton, N. B.
Bethune, Robert William MacAskill	Baddeck, Vic. Co.
Bland, Stanley Scott	New Glasgow, Pic. Co.
Charman, John Herbert	Halifax.
Crowe, James Bruce	Annapolis Royal, Anna. Co.
Dewar, Lloyd George	New Perth, P.E.I.
Downing, John Bell	Summerside, P.E.I.
Dunsworth, Francis Alfred	Halifax.
Fraser, Kenneth Archibald	Weybecomagh, Inv. Co.
Gaum, David	Sydney, C. B. Co.
Graham, Bernard Frederick, B.A., B.Sc.	Halifax.
Graham, Donald Vye, B.Sc.	Halifax.
Keays, James Fraser, B.A. (Mt. A.), B.Sc.	Newcastle, N. B.
Kristal, Louis	New Waterford, C.B.Co.
Lavers, Harlan David, B.Sc. (Acadia)	Farrsboro, Cumb. Co.
Lawton, Louis Edmund	Wabana, Nfld.
Leighton, Claude Moore, B.Sc.	Moncton, N. B.
Lewis, Archdale Sydney	St. John's, Nfld.

MacDonald, Gordon Murray, B.Sc. (Mt.A.)	Glace Bay, C.B. Co.
MacKenzie, Robert Gordon, B.A. (Acadia)	Truro, Col. Co.
MacLeod, Lloyd Allan	Glace Bay, C.B.Co.
MacNeill, Neil Francis, B.Sc. (St.F.X.)	Sydney, C.B. Co.
Madore, Patrick	St. John's, Nfld.
Molloy, John Hubert	Sydney, C.B. Co.
Perlin, Irving Abraham, B.Sc.	Sydney, C. B. Co.
Ritchie, Ronald Morrison	Maitland Bridge, Anna. Co.
Rowter, Robert MacKay	St. John's, Nfld.
Simms, Douglas Charles	
Sullivan, John Ronald, B.S. (Holy Cross)	Fairville, N. B.
Sutherland, Donald Fraser	New Glasgow, Pic. Co.
Tonning, Henrik Odd, B.Sc.	Black's Harbour, N.B.
Tupper, William Roderick Carl, B.Sc.	New Glasgow, Pic.Co.
Veniot, Louis Maurice	Bathurst, N. B.
Wilson, Bentley Robertson, B.Sc. (Acadia)	Halifax.
Wiswell, John Gordon, B.A., B.Sc.	Halifax.
Wright, John Sidney, B.Sc.	Bedeque, P.E.I.

#### Fourth Year (January—August, 1943)

Adams, Carl Raymond	Springhill, Cumb. Co.
Kallem, Ralph William McKeen	Sydney, C. B. Co.
Barrs, Allison Houston, B.Sc. (Acadia)	Rose Bay, Lun. Co.
Black, Douglas Gordon	Sackville, N. B.
Brannen, Ronald Ellsworth, B. Sc. (Acadia)	Barrington Passage, Shel. Co.
Davis, Murray McCulloch, B.A.	Truro, Col. Co.
Fleming, Adelaide Louise, B. Sc.	Halifax.
Gass, George Donald	Sackville, N. B.
Gordon, Charles Alexander	Campbellton, N. B.
Gough, James	Corner Brook, Nfld.
Greene, Carrol Burnell, B. Sc. (Acadia)	Canning, Kings Co.
Guarvich, Lionel	Toronto, Ont.
Hall, Henry Kenneth	Vancouver, B. C.
Hazen, Frank Creagh	Saint John, N. B.
Macdonald, Francis Benedict, B. A., B. Sc. (St. F. X.)	Glace Bay, C. B. Co.
Macdonald, Jean, B. A., B.Sc.	Moncton, N. B.
Macdonald, William Douglas	Moncton, N. B.
MacKeigan, Donald Sellers, B. A., B. Sc.	Halifax.
McLean, Donald Alexander, B.Sc. (St. F. X.)	Forest Hills, N.Y., U.S.A.
Mack, Frank Gordon	Halifax.
Mercer, Arthur Henry, B.A.	Halifax.
Muir, Donald MacGill, B.Sc. (Acadia)	Shelburne.
Murray, Gordon MacGregor	Sydney, C. B. Co.
Murray, Irwin MacKay	Stellarton, Pictou Co.
Pierce, Max Kenneth, B.Sc. (Man.)	Winnipeg, Man.
Pottle, Clarence Herbert	Carbonear, Nfld.

Reid, John Barris	Truro, Col. Co.
Roy, Alexander Kerr, B.Sc.	North Sydney, C. B. Co.
Stewart, Harry Leslie	Bella River, P. E. I.
Strickland, Samuel Clyde, B.Sc.	New Glasgow, Pictou Co.
Timmins, Gordon Daniel	Fredericton, N. B.
Walsh, Cyril John	Corner Brook, Nfld.

**Second Year (September, 1942—May, 1943)**

Akin, Frederick Leonard	Windsor, Hants Co.
Balmanno, James Taylor	Joggins, Cumb. Co.
Cantwell, Joseph Francis	St. John's, Nfld.
Cole, Philip Andrew	Chester, Lun. Co.
Creighton, Austin MacLennan, B.Sc.	Tatamagouche, Col. Co.
D'Intino, Carmen Angelo	Sydney, C. B. Co.
Doyle, Charles Edward, B. Sc.	Moncton, N. B.
Edgcombe, Percy Wilson	St. John's, Nfld.
Fitch, Ralph Hull, B.Sc. (Acadia)	Moncton, N. B.
Fraser, Clarence MacIntosh	Toronto, Ont.
Green Seal	Halifax.
Heard, Nathan, B.A. (U.N.B.)	Cambridge, Mass., U.S.A.
Henderson, Charles Urquhart	St. John's, Nfld.
Hennigar, Gordon Ross	Halifax.
Horan, Patrick James	St. John's, Nfld.
Hubar, Maurice	Winnipeg, Man.
Keays, Claude Fraser	Newcastle, N. B.
Kincaide, Cyril Melbourne	Saint John, N. B.
Kinsley, Gordon Johnson	Halifax.
Levita, Bernard David	St. John's, Nfld.
Locke, Howard Allen, B.A. (Mt. A.)	Liverpool, Queens Co.
MacDonald, John Angus, B.Sc. (St. F. X.)	New Waterford, C.B.Co.
Macdonald, John Phillip	Sydney, C. B. Co.
MacDonald, Martin Stanislaus	Halifax.
MacDonald, Roderick Glencross	Moncton, N. B.
MacIntosh, Carmen Norman, B. Sc.	Dartmouth, Hfx. Co.
MacKinnon, Kenneth Joseph Chisholm, B. Sc. (St. F. X.)	Antigonish.
MacLean, Norman James, B.Sc. (St. F. X.)	Port Hawkesbury, Inv.Co.
McNeil, John Osler	Glace Bay, C. B. Co.
Martini, Taverno Raymond, B.A. (McMaster)	Hamilton, Ont.
Miller, Charles Patrick, B.A., B.Sc. (St. F. X.)	New Waterford, C.B.Co.
Miller, Walter Douglas	Sussex, N. B.
Milligan, James Edgar	Truro, Col. Co.
Morrison, William Ross	Halifax.
Morrow, Roy Andrew	West Saint John, N.B.
Morse, William Inglis	Paradise, Anna. Co.
O'Donnell, Walter James, B.Sc. (Acadia)	Bathurst, N. B.
Ozern, Harry, B.A. (McGill)	Montreal, Que.
Patterson, Thomas Hill	Belleville, Ont.
Rice, Frederick Amers Hadson, B.A.	Joggins Mines, Cumb.Co.
Roby, Harold Reeve, B.A.	Truro, Col. Co.
Shaw, George Bernard	Bridgewater, Lun. Co.

Sheppard, George Graham, B.Sc.	Sydney, C. B. Co.
Smith, Donald Fraser	Halifax.
Stewart, Harold Proston	Charlottetown, P.E.I.
Stuart, Frank Kidd	Saint John West, N.B.
Thomas, John Phillip Wallace	Yanoverver, B. C.
Watters, Arthur Cahill	Fredericton, N. B.
Weir, Edward Fraser, B.Sc.	Freeport, Digby Co.
Wilkinson, Allan Albert	Blackhead, H.D.V., Nfld.

**First Year (September, 1942—May, 1943)**

Archibald, David McDougall	Glace Bay, C. B. Co.
Atkins, Ainsley Scott	New Glasgow, Pict. Co.
Buragda, Claude Angus	Bathurst, N. B.
Campbell, James Stewart	Bess River, Digby Co.
Clark, Donald Story	Halifax.
Colquhoun, Graham Fraser	North Sydney, C.B. Co.
Connelly, William Clifford	Bathurst, N. B.
Croaghan, Mark	Newcastle, N. B.
Dawe, Gerald Amphill	St. John's, Nfld.
Delorey, John Ronald	Tracadie, Antig. Co.
Fanjoy, Roy Wilfred	Young's Cove Road, N.B.
Feanny, Lloyd	Kingston, Jamaica, B. W. I.
Giberson, Raymond George	Holmesville, N. B.
Hall, Horace Stanley	St. John's, Nfld.
Halls, Patricia Mary	Reigate, Surrey, England.
Johnson, Arthur Drysdale	Great Village, Col. Co.
Kemper, Paul Benjamin	Hamilton, Ont.
Kiseman, Gerald Foster	Kentville, Kings Co.
Knapp, Margaret Elizabeth	Port-aux-Basques, Nfld.
Lee, Earl Robert, B.Sc. (St. F. X.)	Fredericton, N. B.
Levita, Abraham	St. John's, Nfld.
Lindsay, Donald Stuart	Halifax.
Loder, Peter Godfrey	Corner Brook, Nfld.
McDonald, Alexander Vincent, B.Sc. (St. F. X.)	New Waterford, C.B.Co.
McDonald, Joseph Edward	Amherst, Cumb. Co.
MacIsaac, Stephen Douglas	Newton Centre, Mass., U. S. A.
MacKay, John James	New Glasgow, Pict. Co.
MacKenzie, Douglas Haig	Sydney Mines, C.B.Co.
Madala, William Stuart, B.A.(U.B.C)	Yanoverver, B. C.
Martin, William Vanderlure, B.Sc.(Agr.) (McGill)	Norhampton, England.
Moffatt, Garfield MacLeod	Sydney, C. B. Co.
Moore, Robert Rockwell	Regina, Sask.
Patton, John Benjamin	Victoria, Carbonere, Nfld.
Redmond, Edwin Benedict	Corner Brook, Nfld.
Rendell, Charles William	Hearts Content, Trinity Bay, Nfld.
Richards, William Llewellyn, B. Sc. (Acadia)	Sydney, C. B. Co.
Ritchie, Ralston Gaskin, B.Sc. (Acadia)	New Glasgow, Pict. Co.
Roach, Joseph Aloysius	New Waterford, C.B.Co.
Robinson, Barbara Josephine	Marysville, N. B.

Rodger, Kenneth Clark, B.Sc. (Mt.A.)	Amherst, Cumb. Co.
Saunders, George McKenna	Stellarton, Pictou Co.
Saunders, John Wilfred	Sydney, C. B. Co.
Scholew, Donald Jack	Moncton, N. B.
Smith, Donnie Watson, B.A. (Mt.A.)	Shubenacadie, Hants Co.
Spiro, Theodor Herzl, B. Com.	New Glasgow, Pic. Co.
Stephen, Paul Angus	Saint John, N. B.
Thorpe, Ronald Vincent, B. Sc. (Acadia)	Kentville, Kings Co.
Titus, Arthur Winston, B. Sc.	Yarmouth
Vaughan, James Avery	Windsor, Hants Co.
Washburn, Robert Edwin	West Saint John, N. B.
Wilson, George Ivan	New Dominion, P.E.I.

**Registered for Examinations Only**

Malkin, Charles, B.A. (Manitoba) Winnipeg, Man.

**FACULTY OF DENTISTRY****Fourth Year (May—December, 1942)**

Ball, Reginald Wilfred	Batwood, Nfld.
Dubrov, Hyman, A.B. (Cornell)	Rockaway Beach, N. Y., U. S. A.
Sutherland, Jee Blackmore, B.A. (U. N. B.)	Florenceville, N. B.

**Third Year (May—December, 1942)**

Anderson, Napier Benjamin	Lunenburg
Black, Silas Clarke	Truro, Col. Co.
Eaton, Donald Chester, B. Sc. (Acadia)	Freepoint, Digby Co.
Fennell, Francis Carroll	Halifax
Hallett, John Edward, B. Sc.	Liverpool, Queens Co.
Mallam, George Elwyn	Heart's Content, Trinity Bay, Nfld.
Taylor, Richard Hastings	Annapolis Royal, Anna. Co.
Walker, Leslie Wilson	Moncton, N. B.

**Second Year (May—December, 1942)**

Cameron, Richard Francis	West Gore, Hants Co.
Ervin, Arthur Hines	Stewiacke, Col. Co.
Gordon, James Isaac	Halifax
Jackson, Milford Ross	North Sydney, C.B.Co.
Nathanson, Irving Gordon	Halifax
Rice, Robert Nathan Dean	Petitodiac, N. B.

**Fourth Year (January—August, 1943)**

Anderson, Napier Benjamin	Lunenburg
Black, Silas Clarke	Truro, Col. Co.
Eaton, Donald Chester, B. Sc. (Acadia)	Freepoint, Digby Co.

Fennell, Francis Carroll	Halifax
Hallett, John Edward, B.Sc.	Liverpool, Queens Co.
Mallam, George Elwyn	Heart's Content, Trinity Bay, Nfld.
Taylor, Richard Hastings	Annapolis Royal, Anna. Co.
Walker, Leslie Wilson	Moncton, N. B.

**Third Year (January—August, 1943)**

Cameron, Richard Francis	West Gore, Hants Co.
Ervin, Arthur Hines	Stewiacke, Col. Co.
Gordon, James Isaac	Halifax
Jackson, Milford Ross	North Sydney, C.B.Co.
Nathanson, Irving Gordon	Halifax
Rice, Robert Nathan Dean	Petitodiac, N. B.

**First Year (September—May, 1943)**

Bagnall, Stephen Geoffrey	Halifax
Brown, Sewall Melvin	Bangor, Me., U. S. A.
Cosdon, Gordon Boniface Kyran	St. John's, Nfld.
Fraser, Edwin Dudley	Springhill, Cumb Co.
MacCormack, Harold Philip	Sydney, C. B. Co.
MacIntosh, Charles Alexander	Port Hawkesbury, In. Co.
Rosenstock, Joseph Cyril	Winnipeg, Man.
Vautour, Joseph Donald	Richibucto, N. B.

## TIME TABLES—1943-44.

### ENGINEERING

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>First Year.</b>						
9	Chem. 1B	Drawing 1	Chem. 1B	Drawing 1	Chem. 1B	
10	Math. 1	Surveying 1	Math. 1	French 1	Math. 1	French 1
11	Engl. 1A or 1	French 1	Engl. 1A or 1		Engl. 1A or 1	
12						
2:30 to 5:30		Drawing 1	Chem. 1B	Drawing 1		
<b>Second Year.</b>						
9	Physics 2	Chem. 2	Physics 2	Chem. 2	Physics 2	Drawing 2
10	Math. 2	Exam. 1	Math. 2	Exam. 1	Math. 2	Exam. 1
11	Engl. 1, 1A or 2		Engl. 1, 1A or 2		Engl. 1, 1A or 2	
12						
2:30 to 5:30	Chem. 2	Surveying 2			Physics 2	
<b>Third Year.</b>						
9	Mech. 3	Physics 3	Mech. 3	Physics 3	Mech. 3	
10	Engl. 1		Engl. 1		Engl. 1	
11	Mech. 4	Math. 3A	Mech. 4	Math. 3A	Mech. 4	Math. 3A
12	Mech. 4		Mech. 4		Mech. 4	
2:30 to 5:30	Chem. 2	Engl. 1	Physics 3	Drawing 3		

### PRE-MEDICAL AND PRE-DENTAL

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 1A or 1		English 1A or 1		English 1A or 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.	Physics Lab.	Chem. Lab.		Phys. Lab.	
<b>Second Year.</b>						
9	Chem. 4	Chem. 2	Chem. 4	Chem. 2		
10	History 20	Elective	History 20	Elective	History 20	
11						
2:30 to 5:30	Chem. Lab.	Zool. 2	Chem. Lab.	Zool. 2	Chem. Lab.	

### EDUCATION

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9	Phys. Ed. A	Educ. 3(A)	Educ. 3 (A)	Educ. 4 (A)	Phys. Ed. A	
10	Educ. 2 (A), 2 (B)	Educ. 3 (B)	Educ. 2 (A), 2 (B)	Educ. 4 (A)	Educ. 4 (B)	
11	Educ. 1	Educ. 3 (B)	Educ. 1	Educ. 4 (A)	Educ. 1	
12						