

1949-50

Dalhousie University

HALIFAX

Nova Scotia



CALENDAR

1949-50

LECTURE TIME TABLE—ARTS AND SCIENCE 1949-50.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9	Chem. 1 History 3 Math. 2 (2) German 2 Greek 2 Commerce 2 Commerce 2 Chem. 1 Physics 4 Math. 2 Psychol. 3 English 14 Spanish 1A (1) Zoology 2	Elem. 14 Class. Conf. 3 Spanish 1 French 1 (1) History 14 French 2 (2) Physics 3 Elem. 1 Philos. 1 English 4 Educ. 1A Hist. 1 Zoology 1	Chem. 5 Class. Conf. 1 Spanish 1 Math. 2 (2) German 2 Commerce 2 Commerce 2 Chem. 1 Physics 4 Math. 2 Psychol. 3 Educ. 14 Elem. 1A Spanish 1A (1) French 3	Elem. 14 Class. Conf. 3 Spanish 1 French 1 (1) German 2 French 2 (2) Physics 3 Elem. 1 Philos. 1 English 4 Educ. 4A Hist. 1 Spanish 1A (1) Psychol. 3 Zoology 1	Elem. 14 Class. Conf. 3 Spanish 1 Math. 2 (2) German 2 French 2 (2) Physics 3 Elem. 1 Philos. 1 English 4 Educ. 4A Hist. 1 Spanish 1A (1) Psychol. 3 Zoology 1	Spanish 1 History 3 French 1 (2) Math. 1 Latin 1 (2) Spanish/Math. Greek 1 Elem. 1 Philos. 1 English 4 Educ. 4B Hist. 1 Spanish 1A (1) Psychol. 3 Zoology 1	Spanish 1 History 3 French 1 (2) Math. 1 Latin 1 (2) Spanish/Math. Greek 1 Elem. 1 Philos. 1 English 4 Educ. 4B Hist. 1 Spanish 1A (1) Psychol. 3 Zoology 1
10	Psychol. 1 Elem. Greek History 12 Math. 1 History 2 French 2 (1) Math. 4 Math. 2 (1) Elem. 4 Physics 2 Zoology 1 Spanish 1A (1) German 4 Educ. 1A, 1B Commerce 2	Geometry 3 History 8 French 2 (2) German 5 Math. 1 Latin 1 (2) Spanish/Math. Greek 1 Elem. 3 Chem. 2 Physics 6 Survey 1 Latin 2 (2) German 4 Educ. 1B French 6 Pol. Sc. 4 Psychol. 2	Psychol. 1 History 12 French 1 (2) German 5 Math. 1 Latin 1 (2) Spanish/Math. Greek 1 Elem. 3 Chem. 2 Physics 6 Zoology 2 Latin 2 (2) Latin 2 (2) German 4 Educ. 4B Commerce 5 Pol. Sc. 4 Psychol. 2	History 8 French 1 (2) German 5 Math. 1 Latin 1 (2) Spanish/Math. French 2 (1) Elem. 3 Chem. 2 Physics 6 Zoology 2 Latin 2 (2) Latin 2 (2) German 4 Educ. 4A French 6 Pol. Sc. 4 Psychol. 2	History 12 French 1 (2) German 5 Math. 1 History 2 French 2 (1) Elem. 3 Chem. 2 Physics 6 Zoology 1 Latin 2 (2) Latin 2 (2) German 4 Educ. 4B Commerce 5 Pol. Sc. 4 Psychol. 2	History 12 French 1 (2) Math. 1 Latin 1 (2) Spanish/Math. Greek 1 Elem. 3 Chem. 2 Physics 6 Latin 2 (2) Latin 2 (2) German 4 Educ. 4B Commerce 5 Pol. Sc. 4 Psychol. 2	History 12 French 1 (2) Math. 1 Latin 1 (2) Spanish/Math. Greek 1 Elem. 3 Chem. 2 Physics 6 Latin 2 (2) Latin 2 (2) German 4 Educ. 4B Commerce 5 Pol. Sc. 4 Psychol. 2
11	Math. 1 Math. 2 (1) Elem. 7 Elem. 4 Elem. 3 Elem. 2 Latin 2 (1) English 13 German A (1) Physics 1 Math. 4 History 10 Elem. 1 (1) Educ. 1 Physics 7	Latin 4 Elem. 1 Elem. 34 Elem. 4 Elem. Latin French 1 (1) Math. 2 German A (1) Zoology 2 Elem. 2 Spanish 2 Educ. 1B Psychol. 12 Commerce 7	Math. 1 Math. 1 (1) Elem. 2 Elem. 4 Elem. 3 Latin 2 (1) English 13 German A (1) Physics 1 History 10 Latin 1 (1) Educ. 4A Psychol. 12 Commerce 7 Psychol. 12	Math. 1 Elem. 1 Math. 34 Elem. Latin French 2 (1) Math. 3 German A (2) Survey 2 English 2 Spanish 2 Educ. 4A Psychol. 12 Commerce 7 Psychol. 12	Math. 1 Math. 2 (1) Elem. 1 Math. 34 Elem. Latin French 2 (1) Math. 3 German A (2) Survey 2 English 2 Latin 2 (1) Educ. 4A Psychol. 12 Commerce 7 Psychol. 12	Latin 4 Elem. 1 Math. 34 Elem. Latin French 1 (1) German A (2) Physics 1 Latin 2 (1) Elem. 3 Spanish 2	Latin 4 Elem. 1 Math. 34 Elem. Latin French 1 (1) German A (2) Physics 1 Spanish 2
12	Greek 4 English 1A Pol. Sc. 2 English 1 English 2 Social 3 Music 2 Zoology 4	Geometry 3 Elem. French German 2 English 2 Social 3 Music 2 Zoology 4	Greek 4 English 1A Pol. Sc. 2 German 2 English 2 Social 3 Music 2 Zoology 4	Elem. French German 2 English 2 Social 3 Music 2 Psychol. 12 Commerce 7 Psychol. 12	Greek 4 English 1A Pol. Sc. 2 German 2 English 2 Social 3 Music 2 Psychol. 12 Commerce 7 Psychol. 12	Elem. French German 2 English 2 Social 3 Music 2 Spanish 2	Elem. French German 2 English 2 Social 3 Music 2 Spanish 2
2.30	Italian 1 History 6 Commerce 1 Elem. Latin Social 3 Music 3 History 14 Zoology 2 Botany 2	Elem. Greek History 8 Commerce 1 Social 3 Elem. 13 History 14 Zoology 2 Botany 2	Italian 1 History 6 Commerce 1 Social 3 Social 3 History 14 Zoology 2 Botany 2	Elem. Greek History 3 Zoology 2 Commerce 1 Social 3 Social 3 History 14 Zoology 2 Botany 2	Elem. Greek History 3 Zoology 2 Commerce 1 Social 3 Social 3 History 14 Zoology 2 Botany 2	Elem. Greek History 3 Social 3 Social 3 History 14 Zoology 2 Botany 2	Elem. Greek History 3 Social 3 Social 3 History 14 Zoology 2 Botany 2
3.30	Commerce 4 Pol. Sc. 1	Lib. Lit. Elem. 1 Commerce 9 French 3	Lib. Lit. Elem. 1 Pol. Sc. 1	Lib. Lit. Elem. 9 Zoology 4 French 3	Drawing 3 Elem. 9 Zoology 4 Pol. Sc. 1	Drawing 3 Elem. 9 Pol. Sc. 1	Drawing 3 Elem. 9 Pol. Sc. 1
4.30	Philos. 2	Elem. 13 Philos. 2 Phil. Arts Spanish 4	Philos. 2 Phil. Arts Spanish 4	Philos. 2 Zoology 4 Phil. Arts Spanish 4	Drawing 3 Elem. 9 Zoology 4 Phil. Arts Spanish 4	Drawing 3 Elem. 9 Spanish 4	Drawing 3 Elem. 9 Spanish 4

Dalhousie University

HALIFAX

Nova Scotia



CALENDAR

1949-50

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

Et. Et. Et.
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,
Et. Et. Et.

Accompanied By
Rear Admiral Griffith & the Captains of His
MAJESTY'S Squadron of the Sloop, COLONEL GOSSET MACKIE
COMMANDANT OF THE GARRISON, LIEUT. COLONEL GAUNTLETT
Commanding the 62nd Regiment and the Field Officers of His
Majesty's Forces in this GARRISON *Et. Et. Et.*

John George Duke Esq. Grand Master the Grand
Wardens, Officers & Brethren of the Respective Lodges
of Freemasons in Halifax, MAY 22nd

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

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University Almanac, 1949-1950

1949

- Aug. 15 M. —Last day for receiving applications* for Fall Supplemental Examinations, and for admission to Law.
- Sept. 5 M. —Surveying Camp for students in Engineering begins.
- 6 Tu. —Registration (and Payment of Fees) for students in Medicine (all years), and Dentistry (1st and 2nd years).
- Sept. 6 Tu. — Supplemental Examinations for students in Law,
7 W. — Medicine, Dentistry.
- 12 M. —Noon. Registration for students in Medicine and First and Second Year Dentistry ends.
- 13 Tu. —Session begins. Registration (and Payment of Fees) for students in Law, Dentistry (3rd and 4th years)
- 14 W. —Classes begin, and last regular Registration† Day for such students.
- 19 M. —Noon. Registration in Professional faculties ends.
- 24 S. —Matriculation and Supplemental Arts and Science Examinations†† begin.
—9.30—12.30 a.m., Latin; German;‡
—2.30— 5.30 p.m., English.
- 26 M. —9.30—12.30 a.m., French; Greek;‡
—2.30— 5.30 p.m., Physics.
- 27 Tu. —9.30—12.30 a.m., Geometry,
—2.30— 5.30 p.m., Chemistry.
- 28 W. —9.30—12.30 a.m., Algebra,
—2.30— 5.30 p.m., Trigonometry; History;‡
- 29 M. —Registration (and Payment of Fees) begins in Faculty of Arts and Sciences. The only regular registration day for New Students from Halifax and Dartmouth.
- 27 Tu. —Registration begins for other New Students in Faculty of Arts and Science.
- 28 W. —Registration begins for other than new students in Faculty of Arts and Science.
- Oct. 1 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 is accepted an additional fee of \$1.00 per day (maximum \$5.00) must be paid.

†Extra fee for late registration, \$1.00 per day.

††For time table see Notice Board.

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

- Oct. 3 M. —Results of Matriculation and Supplemental Examinations declared.
—9 a.m. Classes begin in Arts and Science.
4 Tu. —12 Noon. Meeting of Faculty of Arts and Science.
- Oct. 8 S. —12 Noon. Registration in Arts and Science ends.
12 W. —Last day for change of course in Faculty of Arts and Science.‡‡
M. —Thanksgiving Day.
- Nov. 11 —Remembrance Day.
- Dec. 9 F. —Last day of lectures in classes in which Christmas Examinations are held.
12 M. —3.00 p.m. Christmas Examinations† begin, except in Law.
20 Tu. —1.00 p.m., Christmas vacation begins.
- 1890
- Jan. 4 W. —9 a.m. Classes resumed.
- Mar. 14 Tu. —Munro Day. No Classes.
31 F. —Last day for receiving Applications* for Examinations for Master's degree and for Music.
- Apr. 1 S. —Last day for receiving Applications* for Spring Supplemental 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. — 9.30 a.m., Convocation. Session ends.

‡‡Charge of \$1.00 for changing course after this date. For classes cancelled after this date see p. 68.

††For time table, see Notice Board.

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

Dalhousie University

BOARD OF GOVERNORS

Appointed by Governor-in-Council:

LIEUTENANT-COLONEL K. C. LAURIE, D.C.L., Chairman.
 ALEXANDER E. KEES, B.D., D.D., LL.D., President of the University.
 JUDGE G. G. PATTERSON, M.A., LL.B., LL.D.
 HONOURABLE F. H. MCCURDY, P.C., TREASURER.
 JAMES MCG. STEWART, C.B.E., K.C., B.A., LL.B., D.C.L.
 RAYMOND GERRISH, C.B.E., LL.B.
 H. P. DUCHESNE, K.C., B.A.
 J. G. MACDONALD, M.D., C.M., F.R.C.S. (C.), F.A.C.S.
 HONOURABLE MR. JUSTICE W. F. CARROLL, B.A., LL.B.
 LIEUTENANT-COLONEL S. H. BALCOM.
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 MAJOR J. W. LOGAN, Y.D., M.A.
 J. R. CORTON, B.A., M.D., C.M., F.R.C.P. (C).
 MRS. F. H. POND, B.A.
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 W. H. C. SCHWARTZ, Esq.
 C. J. BURCHELL, K.C., M.A., LL.B., LL.D.
 GORDON B. ISSOR, M.P.

Ex Officio member:

HIS WORSHIP THE MAYOR OF HALIFAX.

United Church of Canada Representatives:

A. S. BARNSTAD, K.C., I.S.O., B.A., LL.B.

Alumni Representatives:

A. W. FAULKNER, D.D.S., F.A.C.D.
 D. G. DAVIS, M.A., Ed.D., D.C.L.
 GEORGE FARNSHAW, M.A., LL.B.
 BRIGADIER H. V. D. LIVING, C.B.E., E.D., B.A., B.C.I.
 HONOURABLE MR. JUSTICE M. B. ARCHIBALD, LL.B.
 M. M. RANKIN, B.A., B.Com.

Alumnæ Representatives:

M. EILSEN BURNS, M.A.
 MRS. A. EARLE GIFFIN, B.A.
 MRS. H. A. MACDONALD, B.A.

King's College Representatives:

[Two vacancies.]

SENATUS ACADEMICUS, 1948-49

ALEXANDER E. KEES, B.D., D.D., LL.D., President of the University.
 GEORGE E. WILSON, M.A., Ph.D.
 *J. H. L. JOHNSON, M.B.E., O.B.E., M.Sc., Ph.D., Secretary of Senate.
 A. SPANLEY WALZER, M.A., B.Litt., LL.D., D.D.
 E. GORDON YOUNG, B.A., M.Sc., Ph.D., F.R.S.C.
 *G. H. HENDERSON, O.B.E., B.Sc., M.A., Ph.D., F.R.S.C., F.R.S.
 H. P. BELL, M.Sc., Ph.D.
 W. RUSSELL MAXWELL, M.A.
 RALPH P. SMITH, M.D., Ch.B., D.P.H.
 R. J. BRAN, M.S.
 H. R. THREKENTON, 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. I. BENNETT, M.A.
 H. G. GRANT, M.D., C.M., M.R.C.S., L.R.C.P.
 G. VERNET DOUGLAS, M.C., M.Sc., F.G.S., F.G.S.A., F.R.S.C., M.E.I.C.
 A. K. GRIFFIN, M.A., Ph.D.
 †LOTHAR RICHTER, Dr. phil., Dr. rer. pol.
 C. B. WELD, M.A., M.D.
 A. S. MOWAT, M.A., B.Ed.
 C. C. COFFIN, B.A., M.Sc., Ph.D., F.R.S.C.
 S. H. PRINCE, M.A., Ph.D.
 H. W. SCHWARTZ, M.D., C.M., F.A.C.S.
 W. G. COWELL, M.D., C.M.
 C. B. STEWART, B.Sc., M.D., C.M., M.P.H.
 *GERMAINE LAFFELLE, Agrégée de l'Université.
 W. J. ARCHIBALD, M.A., Ph.D., F.R.S.C.
 J. E. M. HANCOCK, B.A., B.J.D.
 C. W. HOLLAND, B.A., M.D., C.M., F.R.C.P. (C)
 R. S. CUMMINGS, M.A.
 J. O. ASHERAD, M.A.
 J. W. DORRIS, D.D.S.
 J. B. MARTIN, M.A., Ph.D.
 F. H. PAGE, M.A.
 A. M. FRASER, B.Sc., M.A., M.D., C.M.
 G. P. GRANT, B.A.
 R. L. DEC. H. SAUNDERS, M.D., Ch.B., F.R.S.E., F.R.S.A.
 W. J. CHUTE, B.Sc., M.A., Ph.D.
 The Registrar of the University, ex officio.

†Died during the session.

*On leave, 1948-49.

**Succeeded by C. I. Bennett, April, 1949.

Committee on Admission
The Registrar and the Deans of the various Faculties

OFFICERS OF ADMINISTRATION

- President of the University*—Alexander E. Kerr.
Dean of the Faculty of Arts and Sciences—G. E. Wilson.
Dean of the Faculty of Medicine—H. G. Grant.
Dean of the Faculty of Law—Vincent C. MacDonald.
Dean of the Faculty of Dentistry—A. Stanley Bagnall.
Registrar and Executive Assistant to the President—H. L. Seammell.
Business Manager—D. H. McNeill.
Engineer in charge of Buildings and Grounds—H. R. Theakston.
D.V.A. Counselor—C. L. Bennett.
Warden, Sheriff Hall—Mary C. Mowat.
Superintendent, Public Health Clinic—Florence A. Fraser.
Director, Graduate School of Nursing—E. A. Electa MacLennan.

PROFESSORES EMERITI

- John Cameron, M.D. (Edin.), D.Sc. (St. And.), F.R.S.E. & C., M.R.C.S., Dr. D. G. J. Campbell Memorial Professor of Anatomy (1915-1930).
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 Maclellan, M.D., C.M. (Dal.), F.R.C.S.(C.), F.C.O.G., Professor of Obstetrics and Demonstrator in Practical Obstetrics. Retired, 1939.
François-René Gautheron, Agrégé des Lettres (Paris), Chevalier de la Légion d'Honneur, Maître Professor of French (1924-1942).
Murray Macneil, B.A. (Dal.), M.A. (Harv.), LL. D. (Dal.) Church of Scotland Professor of Mathematics (1907-1942).
W. H. H. Beckwith, D.D.S. (U. of P.), Professor of Operative Dentistry (1925-1946).
W. C. Oemer, D.D.S. (B.C.D.S.), Professor of Crown and Bridge Work and Ceramics (1925-1946).
A. E. Deull, M.D., C.M. (McGill), F.A.C.S., F.R.C.S.(C.), Professor of Diseases of the Eye, Ear, Nose and Throat (1907-1946).
H. K. MacDonald, M.D., C.M. (McGill), F.R.C.S.(C.), Professor of Surgery and Clinical Surgery (1932-1946).
Howard L. Bronson, B.A., Ph.D. (Yale), LL.D. (Dal.), F.R.S.C., George Munro Professor of Physics (1911-1946).
Kenneth A. MacKenzie, M.D., C.M. (Dal.), F.R.C.P.(C.), Professor of Medicine and Clinical Medicine (1928-1946).
S. G. Ritchie, B.A. (U.N.B.), D.M.D. (T.D.C.), Professor of Dental Anatomy and Comparative Dental Anatomy and Prosthetic Dentistry (1912-1947).
J. G. MacDonnell, M.D., C.M. (McGill), F.R.C.S.(C.), F.A.C.S., Professor of Surgery and Clinical Surgery (1928-1949).
George H. Murphy, LL.D. (St. F.X.), M.D., C.M. (Dal.), F.R.C.S.(C.), F.A.C.S., Professor of Surgery and Clinical Surgery (1928-1949).

¹ Died during the week.

ACADEMIC STAFF

FACULTY OF ARTS AND SCIENCE, 1946-49

- Alexander E. Kerr, B.A. (Dal.), B.D. (Union Sem., N. Y.), D.D. (United Coll. Man. and Acadia), LL.D. (Mt. A.), President of the University, 24 Oxford St.
Herbert Leslie Stewart, M.A. (Balf. et Ocan.), Ph.D. (Balf.), F.R.S.C., Professor of Philosophy, 75 Larch St.
John Hamilton Lane Johnston, M.B.E., O.B.E., M.Sc. (Dal.), Ph.D. (Yale), George Munro Professor of Physics and Head of Department, 285 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 Physics, 74 Morris St.
George Erle Wilson, M.A. (Queen's), Ph.D. (Harv.), George Munro Professor of History and Head of Department, 38 Morris St.
Hugh Phillip 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 Engineering, Head of Department, and Engineer in charge of Buildings and Grounds, 27 Oakland Rd.
Charles Lindsay Bennett, M.A. (Cantab. et Harv.), George Munro Professor of English Literature and Head of Department, 292 South St.
George Vibert Douglas, M.C., M.Sc. (McGill), F.G.S., F.G.S.A., F.R.S.C., M.E.I.C., Carnegie Professor of Geology, 25 Kent St.
Arthur Kent Griffin, M.A. (Tor. et Oxon.), Ph.D. (Tor.), Professor of Classics (King's) and Head of Department, 4 Studley Ave.
Lother Richter, Dr. jur. Dr. rer. pol. (Breslau), Professor of German, 15 Waegwoitic Ave.
Alexander Sutherland Mowat, M.A., B.Ed. (Edin.), Professor of Education, 2 Studley Ave.
Carl Cowan Coffin, B.A. (Dal.), M.Sc., Ph.D. (McGill), F.R.S.C., Harry Sheriff Professor of Chemical Research and Head of Department 255 Jubilee Rd.
William Russell Maxwell, B.A. (Dal.), M.A. (Harv.), Professor of Economics (King's), 65 Rabie St.

¹ Died during the week.

- Samuel Henry Prince, M.A. (Tor.), Ph.D. (Col.), *Professor of Economics and Sociology (King's), King's College Residence.*
- *Germaine Lefeuille, Agrégée des Lettres (Paris), *Professor of Modern Languages.*
- Robert Stanley Cumming, B.A. (Dal.), M.A. (McGill), *William A. Black Professor of Commerce, 11½ Seymour St.*
- W. J. Archibald, M.A. (Dal.), Ph.D. (Virginia), F.R.S.C., *Professor of Mathematical Physics, 56 West 1 St.*
- John Burns Martin, M.A. (Tor.), Ph.D. (Harv.), *Professor of English (King's), 54 Oakland Rd.*
- Francis Hilton Page, M.A. (Tor.), *Professor of Psychology (King's), 13 Beckwith St.*
- Walter J. Chute, B.Sc. (Acad.), M.A., Ph.D. (Tor.), *Professor of Chemistry and Director of Chemical Laboratories, 36 Bayers Rd.*
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D. G. Smith,
D. K. R. Stewart, B.Sc. (Dal.),
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R. V. Webber, B.Sc. (Dal.),
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O. A. Mosher, M.A. (Dal.),
T. J. Nason, B.A. (Dal.),
M. G. Parks,
Mrs. E. M. Williams, B.A. (Dal.),
- Demonstrators
in Biology
- Demonstrators in
Chemistry
- Assistants and Student
Assistants in English

W. L. Davison, B.Sc. (Dal.)	} <i>Student Assistants in Geology</i>
J. W. D. Johnston, B.Sc. (Dal.)	
B. L. Willis, B.A. (Dal.)	} <i>Student Assistant in German</i>
A. M. Craft, B.Sc. (Dal.)	
A. H. Gibson, B.A., B.Sc. (Mt. A.)	} <i>Memorial Fellows in Physics</i>
W. B. Bailey, B.Sc. (Acad.)	
R. E. Banks	} <i>Demonstrators in Physics</i>
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C. L. Piggott, B.Sc. (Dal.)	
D. H. Rogers, B.Sc. (Dal.)	
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D. W. Wylie, B.Sc. (U.N.B.)	

Dean of the Faculty, Professor G. E. Wilson.

Secretary of the Faculty, Professor A. S. Mowat.

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Committee on Library:	Professors Page, Chute, Cumming, Doull, Fellner.
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Special Lecturers

- 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*, York Apts., South St.
- Donald Cameron Mackay, A.N.S.C.A., *Special Lecturer in Fine Arts*, 25 South Park St.
- Carl McKinley, *Examiner in Music*, New England Conservatory of Music, Boston, Mass.
- Irene Coffin, *Licenciée ès Lettres (Sorbonne), Special Lecturer in Russian*, 203 Jubilee Road.
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*On leave.

FACULTY OF DENTISTRY, 1948-49

- Alexander E. Kerr, B.A. (Dal.), B.D. (Union Sem., N. Y.), D.D. (United Coll., Man., and Acadia), LL.D. (Mt. A.), *President of the University*.
- Wm. W. Woodbury, B.Sc. (Dal.), D.D.S. (P. D. C.), *Professor of Orthodontics*, 218 Spring Garden Rd.
- J. Stanley Bagnall, D.D.S. (Dal.), F.D.S.R.C.S. (Eng.), F.I.C.D., *Professor of Dentistry*, 70 Leach St.
- John W. Dobson, D.D.S. (Dal.), *Professor of Operative Dentistry, Lecturer in Materia Medica*, 30 Shibley St.
- G. A. Chudleigh, D.D.S. (B. C. D. S.), *Professor of Crown and Bridge Work*, General Trust Building.
- H. M. Eaton, D.D.S. (Dal.), *Professor of Radiology*, Birks Building.
- O. L. Croft, D.D.S. (Tor.), *Professor of Exodontia and Anæsthesia*, Roy Building.
- J. Arnold Noble, O.B.E., B.A. (Acad.), M.B., Ch.B., F.R.C.S. (Edin.), *Associate Professor of Oral Surgery*, 77 Inglie St.
- W. C. Dawson, D.D.S. (Dal.), *Professor of Prosthodontic Dentistry*, Farquhar Building.
- A. Borden Haversteck, D.D.S. (Dal.), B.Sc. (Dent.) (Tor.), *Assistant Professor of Dental Pathology and Therapeutics*, Roy Building.
- G. M. Lewis, D.D.S. (Dal.), *Assistant Professor of Crown and Bridge Work, and Lecturer in Dental History*, 65 Göttingen St.
- H. S. Crosby, D.D.S. (Dal.), *Demonstrator in Operative Infirmary, and Lecturer in Dental Ethics*, Birks Building.
- I. K. Lubetsky, D.D.S. (Dal.), *Demonstrator in the Adult Clinic*, 20 Göttingen St.
- A. A. Dunlop, D.D.S. (Dal.), *Demonstrator in Operative Infirmary, Lecturer in Economics*, Farquhar Bldg.
- Alexander Gordon Nutlay, M.D. (Vienna, Rome), D.D.S. (Dal.), *Demonstrator in the Adult Clinic*, Roy Building.
- F. W. Bennett, B.A., LL.B. (Dal.), *Lecturer in Dental Jurisprudence*, Page Building.
- D. C. Eaton, B.A. (Acad.), D.D.S. (Dal.), *Lecturer in Operative Dentistry and Demonstrator in Operative Infirmary*, 43 Sackville St.
- James P. McGuigan, D.D.S., (Dal.), *Lecturer in Dental Anatomy and Comparative Dental Anatomy*, Birks Building.
- C. Gordon Mackinnon, B.A., M.D., C.M. (Dal.), *Lecturer in General Anæsthesia*, 42 Francklyn St.
- F. S. Christie, D.D.S. (Dal.), *Demonstrator in Operative Infirmary*, 301 Harrington St.

L. J. Archibald, D.D.S. (Dal.), *Demonstrator in Operative Infirmary*,
177 South Park St.

F. C. Fennell, D.D.S. (Dal.), *Demonstrator in Adult Clinic*, 26 Quinpool
Rd.

J. E. Merritt, D.D.S. (Tor.), *Lecturer in Ceramics and Aesthetics*, General
Trust Bldg.

D. O. Pentz, D.D.S. (Dal.), *Demonstrator in Operative Infirmary*, Far-
quhar Bldg.

Leonard S. Goldberg, D.D.S. (Dal.), *Demonstrator in Pre-School Age
Clinic*, 308 Barrington St.

Dean of the Faculty, Dr. J. S. Bagnall.
Secretary of the Faculty, Dr. J. W. Dobson.

Committee on Studies and Attendance {
Dean Bagnall.
Dr. W. W. Woodbury.
Dr. J. W. Dobson.

The academic staff, in the departments of Anatomy, Histology, Embry-
ology, Physiology, Biochemistry, Pathology, Bacteriology and Pharmaco-
logy, is listed under the Faculty of Medicine, p. xvi.

Dalhousie University

INTRODUCTION

HISTORICAL SKETCH

Dalhousie University may be said to have begun when the British Government, in 1818, sanctioned the institution of a college at Halifax, Nova Scotia. The original endowment was part of the customs collected at the port of Castine, in the present State of Maine, while it was occupied by a Halifax expedition during the latter part of the War of 1812. This use for the fund had been proposed by a Lieutenant-Governor of Nova Scotia, George Ramsay, ninth Earl of Dalhousie, who had the satisfaction of laying the corner stone of the building, May 22, 1828. In doing so he made an address, containing these words: "This College of Halifax is founded for the instruction of youth in the higher Classes 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 1828. King's College, at Windsor, was already in existence. There was not room for the two institutions and efforts at union were unavail-
ing. 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 expressed 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. This 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.

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 Percival 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 Engineer-
ing. This latter discontinued in 1939 when the Nova Scotia Technical College opened.

In 1911 the former affiliation between Dalhousie University and the Halifax Medical College (established in 1865) came to an end, and the University undertook a full medical curriculum. Through the generosity of the Rockefeller Foundation and the Carnegie Corporation in 1920 new medical buildings were erected close to the provincial and civic hospitals.

In 1912, the Faculty of Dentistry was established.

In 1923, a "long contention" ceased, and one of the happiest events in Dalhousie's history occurred. The University of King's College, the oldest University in Canada, moved from Windsor, Nova Scotia, to Halifax, and associated 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 traditions, and which was originally based on an imitation of Oxford, as Dalhousie was modelled on Edinburgh. *de rive rive* *scholarship* *scholarship*.

BENEFACTIONS

Presbyterian Church of the Lower Provinces.	1863. Per annum about	£850
<i>Support of two Professors. Withdrawn on death of first two incumbents.</i>		
Church of Scotland.	1863. Part of	£350
<i>Endowment Chair of Mathematics.</i>		
Alexander McLeod.	1862.	\$ 65,000
<i>Endowment of Chairs in Classics, Modern Languages and Chemistry.</i>		
Mrs. Harriet Mackenzie Morrison, Stornoway, Scotland.	1867.	£1,000
<i>Foundation MacKenzie Bursary Fund.</i>		
Sir William Young, Chairman of the Board for over forty years prior to 1887.	1887. In total over	\$ 68,000
<i>Towards erection of new building on</i>		
<i>Carlton Street.</i>		
<i>Scholarships in Arts.</i>		\$20,000
George Munro.	1879-1889. About	350,000
<i>Endowment of Chairs in Physics, History and Political Economy, English Literature, Law and Metaphysics. Fellowships in Classics and Mathematics. Exhibitions and Bursaries in Arts.</i>		
John P. Mott.	1890.	10,000
<i>"For the benefit of such College, so long as it shall remain and continue to be a non-sectarian institution."</i>		
Rev. Wm. McCulloch, D.D.	1897.	1,600
<i>Endowment and support of "Thomas McCulloch Museum."</i>		
Professor Charles Macdonald.	1902.	2,000
<i>Library Endowment.</i>		
Campaign.	1922.	About 60,000
<i>School of Mines.</i>		

BENEFACTIONS

Campaign Fund.	1912.	About \$ 400,000
<i>Purchase of Studies. Erection of new buildings. Increase of Endowment.</i>		
Andrew Carnegie.	1912. (Of above Fund)	40,000
<i>Towards the maintenance of the Science Departments.</i>		
New Glasgow Literary and Historical Society.	1912.	1,000
<i>Johann Blackford Fund for endowment of annual Scholarship.</i>		
Campaign.	1900-1913.	17,500
<i>For Increase of Salaries.</i>		
Dr. D. A. and Mrs. Campbell.	1914.	61,500
<i>Endowment of Dr. D. G. J. Campbell Memorial Chair of Anatomy.</i>		
Joseph Matheson, Lower L'Anse-au-Loup, C. B.	1915.	15,000
<i>"To be applied in such manner as to the said Governors shall appear best."</i>		
Lieut. George W. Stears.	1915.	5,000
<i>"For the good of the University."</i>		
Professor John Johnson.	1915.	Books and 1,000
<i>"For the use of the Arts Library."</i>		
John Macnab.	1916.	About 96,000
<i>"Extending and maintaining the Library."</i>		
Mr. George S. and Mrs. Campbell.	1917.	25,000
<i>Creation of "George H. Campbell Scholarship Fund."</i>		
Dr. A. Ross Hill, President, University of Missouri.	1917.	1,000
<i>Endowment "Agnes Baxter Library" Fund for Mathematics and Mathematical Physics.</i>		
Senator Wm. Dennis.	1919.	2,080
<i>For Eric Dennis Special Lecturers.</i>		
Senator Wm. and Mrs. Dennis.	1918-1920.	100,000
<i>Endowment "Eric Dennis Chair of Government and Political Science."</i>		
	1920.	1,000
<i>"For the purchase of books relating to the subject of Government and Political Science."</i>		
Campaign—Centennial (not including subscriptions for specific purposes).	1920.	430,000
<i>For general purposes.</i>		
Mrs. E. B. Eddy.	1920.	300,000
<i>For the erection of a Residence for Women.</i>		
Hon. William A. Black.	1921.	60,000
<i>Endowment "William A. Black Chair of Commerce."</i>		
Mrs. Elise Stewart Strathie.	1921.	1,500
<i>Foundation "Strathie Memorial Fund," for Philosophy Department of the Library.</i>		
Khaki University of Canada.	1921.	6,500
<i>Endowment "Khaki University and Young Men's Christian Association Memorial Scholarship Fund."</i>		
New Glasgow Relatives of Professor James Gordon MacGregor.	1922.	£4,000
<i>Endowment "James Gordon MacGregor Memorial" for Teaching Fellowship in Physics and Equipment Physics Laboratory.</i>		

Dr. A. M. Hebb, Dartmouth, N. S.	1922.	\$ 1,000
<i>Foundation "Dr. Clara Olding Price" in Medicine.</i>		
Estate of Robert Bruce, Ouseba.	1922.	
<i>Bursaries and Scholarships. One-seventh of income from</i>		
Mrs. Edith J. Richardson.	1923.	57,500
<i>For Shirreff Hall.</i>		
Halifax Branch of the Overseas League.	1925.	1,000
<i>Essay Prize.</i>		
Rev. Joseph and M. Hale, Dartmouth, N. S.	1925.	1,000
<i>Foundation "K. A. M. Bateson Scholarship Fund for the encouragement of the study of Advanced Mathematics."</i>		
Dr. John Ferguson Black, Stone, England.	1926.	1,000
<i>For Surgical Teaching.</i>		
Estate of J. T. Shirreff.	1926.	250,000
<i>(On the death of his widow)</i>		
<i>For "Eddy-Shirreff Foundation" especially for the extension to Shirreff Hall.</i>		
Colonel R. W. Leonard, St. Catharines, Ont.	1926.	35,000
<i>Endowment "Leonard Science Library of Periodical Literature."</i>		
Estate of Senator Dennis.	1927.	2,000
<i>Eric Dennis Government and Political Science Library Fund.</i>		
Children of Rev. George Patterson, D.D.	1928.	4,000
<i>Foundation of "Rev. George Patterson, D.D., Travelling Library."</i>		
Estate of Mr. Justice T. Sherman Rogers.	1928.	1,000
<i>"For the improvement of the Library in Law."</i>		
W. J. G. Thomson.	1929.	2,000
<i>For general purposes.</i>		
British Empire Steel Corporation.	1923-1929.	30,000
<i>For the encouragement of Scientific Research.</i>		
Dr. Mary S. Ross.	1928-1929.	750
<i>For library purposes.</i>		
Mrs. J. Ross Smith.	1930.	3,000
<i>Foundation "Ross Stewart Smith Scholarships" in Medicine and Science.</i>		
Miss Mary Burris, Boston, Mass.	1930.	Reversion of her Estate.
<i>Foundation of a Foreign Travelling Scholarship.</i>		
Sir James H. Dunn, London, England.	1910.	1,000
<i>For Microscopes for Biology Department.</i>		
<i>Towards Endowment of the Walden Memorial Chair of Law.</i>		
C. H. Mitchell.	1923-1931.	1,045
<i>For Departments of Biology and Chemistry, and Students' Loan Fund.</i>		
Rev. Byron Ulric Hatfield, Westley, Rhode Island.	1931.	Reversionary legatees of Estate.
<i>For Scholarships.</i>		
Dr. W. H. Hattie.	1931.	Reversionary legatees.
<i>(On the death of Mrs. Hattie.)</i>		
James D. McKenna, Sussex, N. E.	1928-1932.	5,000
<i>Foundation "The Elizabeth McKenna Scholarships."</i>		

Dr. Dougald Macgillivray.	1932.	Reversion of 9th Earl of Dalhousie, the work of Massey Rhind, A.R.S.A.
Halifax Visiting Dispensary.	1928 and 1932.	\$ 1,000
<i>"For the Public Health Clinic."</i>		
Estate of Dr. Eliza Ritchie.	1933.	500
<i>For University Library.</i>		
Massachusetts-Halifax Health Commission.	1933.	13,589
<i>Foundation of "The Commonwealth of Massachusetts Endowment Fund."</i>		
Miss Grace D. Buxie, Upper Musquodoboit, N. S.	1933.	Reversion of Estate.
<i>For Travelling Scholarships.</i>		
Emergency Committee in Aid of Displaced Foreign Physicians.	1934-1936.	1,563
O. E. Smith Trust.	1936.	20% of the Income from a Trust fund.
Estate of Mrs. Margaret F. Trueman.	1936.	1,000
<i>For expenditure on suggestions of Alumni Association.</i>		
Estate of Mrs. E. B. Eddy.	1929-1936.	
<i>Establishment "Eddy-Shirreff Foundation" for "improvement and maintenance of Shirreff Hall." "to complete Shirreff Hall," "loans, scholarships, or other method of assisting worthy young women."</i>		
<i>For "Eddy-Shirreff Foundation" (residue).</i>		
Anonymous.	1936-1937.	60,000
<i>Hector McInnes Memorial Fund for Scholarships.</i>		
Estate of Charles M. Macdonald.	1937.	1,000
Estate of Mrs. A. I. Huddleston.	1937.	2,000
Estate of Walter A. Black.	1938.	5,000
<i>For general purposes.</i>		
Commercial Club of Halifax.	1922-1938.	3,200
<i>Scholarships.</i>		
Estate of A. M. Banks.	1926-1938.	4,580
<i>For general purposes.</i>		
Anonymous.	1933-1938.	5,000
<i>Four Scholarships in Classics and Mathematics.</i>		
Estate of Dr. J. A. Lippincott.	1939.	12,202
<i>For Department of Physics and the University Library.</i>		
Anonymous.	1939.	5,000
<i>For Medical and Dental Library Bids.</i>		
A. B. Wiswell.	1938 to date.	4,000
<i>For Medical and Dental Library Bids.</i>		
Junior League of Halifax.	1933-1940.	1,500
<i>For Immunisation Clinics.</i>		
Lt.-Col. Sidney C. Oland, Halifax.	1933-1940.	1,020
<i>For Scholarships.</i>		

A. H. Buckley, <i>For Medical and Dental Library Bldg.</i>	1939-1940.	\$ 500
Estate of Prof. Howard Murray, <i>For improvement of Department of Classics and a scholarship in Classics.</i>	1940.	12,857
Canadian Council on Nutrition, Ottawa. <i>For nutritional survey.</i>	1940.	2,600
Estate of George S. Campbell, <i>Foundation "George S. Campbell Chair of Biology."</i>	1942.	108,173
Peter R. Jack, <i>For Medical and Dental Library Bldg.</i>	1942 to date.	4,000
Estate of Alexander Ross, <i>For Arts and Law Libraries.</i>	1942.	about 102,000
Estate of Miss Sarah M. Lawson, <i>For a prize in Botany.</i>	1942.	8,102
Estate of William Mushkat, <i>For "Mushkat Memorial Essay Prize."</i>	1942.	1,000
Estate of Prof. K. G. T. Webster.	1943.	1,100
Estate of I. C. Stewart, <i>For scholarships.</i>	1943.	5,200
Mrs. G. M. J. MacKay, Schenectady, N. Y. <i>For Department of Chemistry.</i>	1943.	500
Miss I. C. McLennan, Montreal, <i>For purchase of books, to student aid.</i>	1944.	500
Estate of Miss Belle C. Crowe, <i>Foundation "Belle Crowe Fellowship Fund," for a Fellowship in Inorganic Chemistry.</i>	1944.	10,000
Estate of Captain David E. North, <i>For library purposes.</i>	1944.	1,000
Hon. Dr. J. C. Teer, <i>For University Library, Students' Loan Fund and Biology Department.</i>	1927-1932.	1,675
<i>For Medical and Dental Library Building.</i>	1930.	50,705
<i>For medical research.</i>	1944.	Residue of Estate, \$414,000
Dominion Government, <i>Special war services.</i>	1944.	42,250
Estate of Dr. J. Ross Miller, <i>For a library in the Faculty of Arts and Sciences.</i>	1945.	10,000
Rev. J. H. Kirk, Guysborough County, N. S. <i>For general purposes.</i>	1945.	1,000
Estate of Miss Elizabeth MacGregor, <i>For general purposes.</i>	1945.	1,000
Wings Club of Halifax, <i>For Scholarships.</i>	1946.	6,462
A.N.A. Club.	1946.	624
Estate of H. E. Mahon.	1938 to date.	9,994
Estate of Minnie F. Burbridge.	1942.	15,956
Estate of George O. Forsythe.	1945.	8,440

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

Alumnae Association, <i>For Patterson Travelling Library, Furnishings, Shirreff Hall, and stained glass windows in memory of Mrs. Eddy, Re-decorating Women's Rooms, Forrest Building and Arts Building.</i>	1929-1930.	\$ 500
	1921-1936.	over 6,620
	1945.	270
Alumni Association, <i>For erection of Macdonald Memorial Library, For Biology Chair, Towards erection of Gymnasium, For the Gymnasium Fund.</i>	1902-1914.	25,000
	1915-1916.	8,100
	1921-1922.	9,912
	1934.	4,332
Alumnae and Alumni Associations, <i>Subscriptions to the Gymnasium Fund.</i>	1932-1941.	7,296
Anonymous, <i>Bursary in Arts and Science School.</i>	1940 to date.	1,048
Anonymous, <i>For Anatomy Prizes.</i>	1933 to date.	1,210
Anonymous, <i>For "Robert Macdellan Scholarship."</i>	1935 to date.	600
<i>For general purposes.</i>	1945-1946.	4,500
Anonymous, <i>For the Department of Surgery.</i>	1941.	7,500
Anonymous, <i>For purposes to be determined by the donor.</i>	1941 to date.	62,000
Anonymous, <i>For research in Geology.</i>	1944.	10,000
Anonymous, <i>For scholarship endowment.</i>	1946 to date.	2,500
Anonymous, <i>For Scholarships, etc.</i>	to date.	3,330
Anonymous Gifts, <i>For general purposes.</i>	1943-1946.	57,854
	1946-1947.	10,500
Anonymous, <i>For Students' Loan Fund.</i>		1,500
Banting Research Foundation, Toronto, <i>For research in Biochemistry and Pharmacology.</i>	1940 to date.	3,238
Right Honourable Viscount Bennett, P.C., <i>Residence for the President of the University, Books for the Law Library and for Shirreff Hall.</i>	1925.	20,000
<i>Endowment, "Harry Shirreff Chair of Chemical Research", "Dean Welden Chair of Law", "Viscount Bennett Chair of Law", "Mrs. E. B. Eddy Chair of Epidemiology and Nursing Education," and for general purposes.</i>	1921-1939.	4,500
<i>Endowment for Libraries in Law and Shirreff Hall.</i>	1943.	790,000
	1944.	Interest on 12,000
Dr. John Cameron, <i>For Prize in Anatomy.</i>	1935 to date.	2,145

Carnegie Corporation of New York.

For damage done by Explosion.	1918.	About \$	21,000
Development of Medical School.	1920.		500,000
For improvement of clinical facilities,			
Grace Maternity Hospital.	1922.		50,000
Fine Arts Teaching Collection.	1925.	Valued at	10,000
Endowment.	1929.		400,000

For the joint benefit of King's College and Dalhousie University.

	1929.		600,000
For current deficits.	1924-1930.		190,000
For Dental Library.	1929-1930.		2,000
Endowment for Geology.	1923.		125,000
Halo Research.	1934.		1,500
For the University Library.	1932-1934.		9,000
Research in Pathology.	1934-1936.		4,000
Professorship in German.	1934-1936.		8,000
Development of the Medical and Dental Library.	1938.		50,000
Study of Health Conditions, Isle Madame.	1948.		7,000

The Carswell Co., Limited, Toronto. 1925 to date. 2,465

City of Halifax. Annual Grant. 10,000
For Public Health Clinic.

Class Memorials.

Class of 1897	Tablet.		
" " 1900	For Classics Dept., Univ. Library.	299.14	
" " 1910 (Law)	Scholarships.	602.00	
" " 1911	Siding Miramouc and for Biology Dept.	253.00	
" " 1911 (Law)	Scholarships.	150.00	
" " 1912	Gateway to Studley.	585.92	
" " 1913	Tablet and for Students' Loan Fund.	84.84	
" " 1914	Tablet.		
" " 1915	Tablet.		
" " 1915	For Paintings by Canadian Artists	500.00	
" " 1916	Tablet.		
" " 1917	Tablet.		
" " 1918	Tablet and for Gateway to Studley.	347.00	
" " 1919	For Books for Biology Dept.	357.32	
" " 1921	Sun-dial, Studley Campus.		
" " 1922	For clock for University Library.	528.16	
" " 1923	Tablet.		
" " 1931	For "Hugh Graeme Fraser Memorial" Scholarship.	1,000.00	
" " 1932	For "Encyclopaedia Britannica."	180.35	
" " 1933	For concrete walks—Studley.	384.00	
" " 1935		50.00	
" " 1936	Electric Clock, Arts Building.		
" " 1943	For concrete walks—Studley.	114.95	
" " 1944	For concrete walks—Studley.	115.36	
" " 1945	For General Reference Books, University Library.	301.21	
" " 1947	For concrete walks—Studley.	450.00	
" " 1946 and 1948	For concrete walks—Studley.	420.00	

Cogswell Library Fund.	1916 to date.	\$ 7,490
For Medical Library.		
Dalhousie Club of New York.	1939 to date.	4,785
Scholarship endowment.		1,017
Dalhousie Law Association.	1945.	239
For Law School.		
Dalhousie Loyalty Fund.		
Cash received.		37,343
Dalhousie Medical Alumni Scholarship Fund	1945.	2,698
Senator W. H. Dennis.		
English Prizes for Prose and Poetry.	1922 to date.	16,200
For Medical and Dental Library Bldg.	1938.	500
Hon. Mr. Justice John Doull.		
For the Law School.	1937 to date.	600
(For Class of 1910 (Law) Scholarships, \$345.00)		
Cyrus S. Eaton, Cleveland, Ohio.	1945.	2,000
For Improvement of Lawns and Grounds.		
Albert S. Fraser, Montreal.	1945.	500
For general purposes.		
Chas. E. Frosset and Company, Montreal.		
For research in Biochemistry.	1940 to date.	1,000
For baronies in the Medical School.	1945 to date.	750
Gifts obtained through Professors.		
For Arts, Law, Medical and Dental Libraries.	1935 to date.	3,069
Halifax County Anti-Tuberculosis League.	1947 to date.	2,000
For B. C. G. Vaccination Research Programme.		
Halifax Welfare Fund.	Annual Grant.	2,500
For Public Health Clinic.		
Mrs. James L. Hall, Vancouver.	1938 to date.	750
Scholarship in Engineering.		
Hebrew Societies.	1935 to date.	3,500
E'nef E'with,		
Cape Breton, Western Nova Scotia, and sections of New Brunswick.		
For Scholarships.		
Imperial Order of the Daughters of the Empire.		
Armadale Chapter.	1942 to date.	300
Bedford Chapter.	1945 to date.	213
Sir Samuel Cunard Chapter.	1945 to date.	358
Evangeline Chapter.	1933 to date.	1,000
H.M.S. Good Hope Chapter.	1944 to date.	300
Archibald MacMechan Chapter.	1939 to date.	800
For Scholarship Fund.		5,700
Marion S. Morrow Chapter.	1945 to date.	300
Robin Hood Chapter.	1945 to date.	150
John Stewart Chapter.	1936 to date.	1,025

W. K. Kellogg Foundation, Battle Creek, Michigan.			
<i>For Scholarships and Loans.</i>	1942 to date.	\$ 10,500	
<i>Faculty of Medicine.</i>		11,500	
<i>Faculty of Dentistry.</i>			
Eli Lilly and Company, Indianapolis.	1943.	500	
<i>For Research in Pharmacology.</i>			
Maritime Dental Supply Company, Ltd.	1927 to date.	975	
<i>For Dental Prizes and the Dental Library.</i>			
John and Mary R. Markle Foundation, New York.	1944.	6,500	
<i>Research work in Anatomy Department.</i>			
Dr. A. F. Miller, Kentville, N. S.	1933 to date.	550	
<i>For Prizes, Faculty of Medicine.</i>		460	
<i>For use of Medical School.</i>			
Dr. Wm. Inglis Morse, Cambridge, Mass.	1932-1935.		
<i>Collection of books, bookcases, busts, maps, mahogany table, 21 mahogany chairs, pictures, safe, etc.</i>			
<i>For Endowment of "Morse Collection."</i>	1935-1937.	10,000	
<i>For Medical and Dental Library Bldg.</i>	1935.	1,000	
<i>For Prizes.</i>	1933-1940.	2,150	
<i>For other purposes.</i>	1932-1941.	5,054	
National Research Council, Ottawa.	1940 to date.	12,868	
<i>For research in Biochemistry.</i>		2,051	
<i>For research in Pharmacology.</i>		5,946	
<i>For research in Physiology.</i>		9,847	
<i>For research in Chemistry.</i>		3,300	
<i>For research in Zoology.</i>		2,370	
<i>For research in Anatomy.</i>		411	
<i>For research in Dentistry.</i>		3,450	
<i>For research in Physics.</i>			
Cancer Research.		11,930	
<i>National Cancer Inst. of Canada—Dr. Begg.</i>		1,507	
<i>National Cancer Inst. of Canada—Dr. Aldous.</i>		5,000	
<i>National Cancer Inst. of Canada—Dr. Hayes.</i>		2,989	
<i>National Cancer Inst. of Canada—Dr. Fellsted.</i>		3,000	
<i>Canadian Cancer Society—N. S. Branch—Dr. Begg.</i>		4,825	
<i>Danner Foundation—Dr. Begg.</i>			
Newfoundland Commission of Government.	1943 to date.	30,000	
<i>For Medical and Dental Schools.</i>			
North British Society.			
<i>North British Society Centennial Bursary.</i>	1868 to date.	5,740	
<i>Allan Pollok Scholarship.</i>	1922 to date.	5,400	
Nova Scotia Dental Association.	1912 to date.	4,020	
<i>For Dental Library.</i>		1,925	
<i>Dental Prizes.</i>			
N. S. Department of Education.	1932 to date.	2,250	
<i>For library and general purposes.</i>			
Province of Nova Scotia.			
<i>For Medical and Dental Schools.</i>	Grant.	80,000	
<i>For Public Health Clinic.</i>	Annual Grant.	5,000	

Province of New Brunswick.		\$ 20,000
<i>For Medical and Dental Schools.</i>		
Province of Prince Edward Island.		3,000
<i>For Medical and Dental Schools.</i>		
Provincial Medical Board.		
<i>For "MacDowall Memorial Library."</i>	1941 to date.	1,339
Rockefeller Foundation, New York.		
<i>Development of the Medical School.</i>	1920.	500,000
<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>	1933-1941.	65,000
<i>For training and research in Public Administration.</i>	1936-1943.	80,000
<i>For development of teaching in Psychiatry (over a six-year period).</i>	1941-1947.	34,500
<i>For adequate teaching facilities for medical students, Victoria General Hospital.</i>	1945-1947.	150,000
Rotary Club of Halifax.	1945 to date.	4,820
<i>For Department of Psychiatry.</i>		
Swift Canadian Company Limited, Toronto.	1945.	2,400
<i>For Fellowship in Nutrition, Department of Biochemistry.</i>		
Wood, G. H. & Co., Ltd.	1948.	500
<i>Scholarship Faculty of Medicine.</i>		
Weldon Memorial Fund		
<i>Endowment (in addition to Lord Bessett's Contribution)</i>	1929 to date.	15,808

MUNRO DAY

On July 9, 1881, the Governors of Dalhousie University dealt with a petition from the students, asking that each year there be a holiday named "The George Munro Memorial Day" in celebration of the great benefactions of George Munro mentioned above. The petition was granted, and the third Wednesday of January of each year was set aside as "The George Munro Memorial Day." In the course of years the name has been shortened to "Munro Day." In the year 1928 "Munro Day" was celebrated on March 9, and President A. Stanley Mackenzie reviewed the history of Dalhousie's benefactors. The special guest on that occasion was the Right Honourable R. B. Bennett, (later Viscount 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 1900 on the opening of the N. S. Technical College.)

The Faculty of Law was established in 1863. 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 co-operated 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.

In cooperation with the Nova Scotia Technical College and the Fisheries Research Board, the University offers a course leading to the degree of B.Sc. with a Diploma in Food Technology.

The Faculty of Graduate Studies was established in 1949. For prospectus of degrees and courses address the Acting Secretary, Professor J. G. Ashwad, Dalhousie University, Halifax, N. S.

CONSTITUTION

The Board of Governors is the supreme governing body of the University. Appointments to it are made by the Governor-in-Council on the nomination of the Board. The Board has granted to the Alumni Association the privilege of proposing the names of six members of the Board. An Alumni Representative Governor must resign at the end of three years;

he may be appointed to succeed himself; but he cannot hold office for more than six years continuously. On similar conditions, the Alumnae Association have the selection of three members of the Board. The Governors have the management of the funds and property of the College, the power of appointing the President, Professors and other officials, and of determining their duties and salaries, and the general oversight of the work of the University.

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

The Faculties consist of the members of the teaching staff in each of the four main departments 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* 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 Education, Bachelor of Music, Bachelor of Science (in Pharmacy), Bachelor of Science (in Engineering Physics), Bachelor of Nursing Science, Bachelor of Laws, Doctor of Medicine and Master of Surgery, and Doctor of Dental Surgery. Courses for diplomas in Music, Pharmacy, Education, Engineering and Nursing, 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.

In Food Technology the University provides instruction and recognizes teaching in professional subjects by the Nova Scotia Technical College and the Fisheries Research Board.

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 Chemical, Civil, Mechanical Electrical or Mining Engineering. A diploma will be issued to those completing the course satisfactorily.

Affiliated Courses.—By a special selection of elective subjects in his course, a candidate may reduce by one year the time required for the degree of Bachelor of Arts or Bachelor of Commerce 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 degree in Arts or Science and Medicine or Dentistry.

An affiliated course between Commerce and Engineering may be arranged for students interested.

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.

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 students of the State Board of New York.

On January 1, 1882, 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 License 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. C. M. Nicholson, B.A., LL.D.

The classes and examinations in Hebrew 1 and 2, and New Testament Greek I, conducted at this college are recognized as qualifying for the degree in Arts at the University. Arrangements have been made whereby students may reduce to six years the time required to take the degree of B.A. from the University and complete the Divinity course at the Pine Hill Divinity Hall.

Prince of Wales College

Principal.....G. D. Steel, M.A., LL.D.

Students who have completed the regular four-year course at Prince of Wales College, Charlottetown, Prince Edward Island, and who have graduated with standing equivalent to a High Honour Diploma, are admitted to the Arts and Science course without further examination, and may receive credit in classes of the first and second years to a maximum of ten. See also page 20.

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 to a maximum of ten. Candidates for a degree are required to have complete matriculation.

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 (Acting).....J. D. Walsh.

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 B. 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 Murphy.

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 70,571 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 15,000 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 1930 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 80,000 volumes and pamphlets), the Legislative Library (44,000 volumes), the Library of Pine Hill Divinity Hall (25,000 volumes and, in addition, valuable records), the Nova Scotia Barristers' Society Library (14,000 volumes), and the Libraries of the Public Archives of Nova Scotia.

THE PUBLIC ARCHIVES OF NOVA SCOTIA

A building for the Public Archives of Nova Scotia was erected on the University grounds adjacent to the Macdonald Memorial Library in the autumn of 1935 through the generosity and public spirit of the late W. H. Chase, Esq., of Wolfville. It contains a large collection of public records dealing with the executive, legislative and judicial functions of government, and a wide range of supplementary material essential to historical research.

This subsidiary material includes letters, diaries and other personal or family papers; minute books of clubs and societies; and account books and correspondence of old business firms; as well as charts, maps and photographs, a historical museum and two libraries. The Atkins Library, which has been in custody of the Board of Trustees of the Archives since 1931, is a unique collection of more than 4000 volumes on early Colonial and Canadian history. The Archives Library, commenced in the same year, and designed to complement the Atkins Library, by including all books and pamphlets related to Nova Scotia, or written by Nova Scotians, since the death of Dr. Atkins in 1894, now (1949) contains 8000 books and pamphlets and is constantly expanding. The facilities of the Archives are of special value to research students.

THE MUSEUM

The Museum consists chiefly of the *Thomas McCulloch* 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 1895. 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 molluscs, Indian implements, etc. The fossil specimens include a collection of European eroidonta 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 *Science Building*, Studley, contains the laboratories conducted by the Departments of Physics and Chemistry.

The *Engineering and Geology Building*, Coburg Road and Oxford Street, houses the engineering draughting rooms and the geological laboratory.

The *Ferrest Building* on Carlton Street contains the laboratories conducted by the departments of Biology, Zoology, Histology and Embryology, Anatomy, Dentistry and the Cancer Research Laboratory.

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 arts or science class must notify the Registrar of Dalhousie.

STUDENTS' HEALTH SERVICE

1. All students of the University are required to undergo an annual medical examination at the beginning of the session. Women students will be examined at Shirreff Hall; men students at the Dalhousie Public Health Clinic. For students in the Professional schools, lists indicating appointments will be posted on the notice boards, while those in other faculties will be notified by mail or by telephone. Failure to keep appointments promptly will be regarded as a breach of University discipline.

2. The Service provides for the following:

- A medical examination at the beginning of each session.
- X-ray examination of the chest each session.
- Medical service for minor ailments at the Dalhousie Public Health Clinic from twelve noon to one p.m. daily except Sundays.
- Such medicines (except antitoxic sera, insulin or other unusual preparations) and dressings as may be prescribed.
- A free clinic for immunization against diphtheria, scarlet fever and smallpox (vaccination) is held every Wednesday at 2.00 p.m. at the Dalhousie Public Health Clinic.
- A student who is too ill to attend the noon clinic, or, if taken ill in the afternoon or evening, may call any doctor practising in Halifax (or Dartmouth). If a

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

student wishes advice in the matter of selecting a doctor he should telephone the Students' Health Service, 3-8438 (9 a.m.-5 p.m. daily except Sunday) or the Dalhousie Public Health Clinic, 2-3363 (at any hour). He will be furnished with a list of doctors who are willing to attend students for the minimum fee suggested by the Medical Society of Nova Scotia. At the conclusion of the doctor's attendance, the student should pay the doctor, obtain a receipted bill stating the number of visits made and the diagnosis of the illness and then present the receipt to the Director of the Students' Health Service. The student will be reimbursed by the University Business Manager at the rate of two dollars per visit, with a limit of five dollars for each illness. Veterans enrolled in the University and receiving benefits from the Department of Veterans Affairs are entitled to medical care while in receipt of these benefits. The doctors attending them should render their accounts to the D.V.A.

(g) Hospitalization:

If required to enter any hospital for observation or treatment a student, on discharge from the hospital, should present the receipted bill to the Director of the Students' Health Service who will forward it to the Business Manager. The student will be reimbursed at the rate of three dollars per diem for each day in hospital, to the extent of five days. Students are advised that the public ward rate at the Victoria General Hospital is three dollars per diem, which includes medical and surgical attendance, medicines, dressings, laboratory tests and X-rays, etc.

3. The Service does not provide for the following:

- (a) Surgical operations.
- (b) Specialist's treatment.
- (c) Special nursing.
- (d) Dental treatment.
- (e) X-rays except the annual examination of the chest.
- (f) Physician's fee for attendance elsewhere than at the Dalhousie Public Health Clinic, except as stated in Section 2 (f) hereof.
- (g) Illnesses attributable to misconduct.
- (h) Hospitalization except as stated in Section 2 (g) hereof.
- (i) 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 Director, Students' Health Service, Dalhousie 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 against smallpox 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 15. 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.

First year students may secure lodging in the University Men's Residence by making application to the Business Manager.

Applications for room and board in either Shirreff Hall or University Men's Residence are accepted by the University with the understanding that the student remains for the whole session, or, in the case of withdrawal during the session, that

he or she obtain a mutually satisfactory substitute resident. All residents will be charged with room for the complete session and no refund will be made to the resident on withdrawal unless or until a substitute has assumed obligation to the university for the balance of the session.

Board charges are subject to a rebate of \$5.00 per week in case of illness or other serious cause necessitating absence of four weeks or more.

The dormitories of Pine Hill Divinity Hall are available for students of Dalhousie University to the extent of the accommodation not needed by Pine Hill. For information and reservations application should be made to the Matron.

Lists of approved boarding houses near the University are compiled in September and may be obtained by calling at the office of the Business Manager. Lists cannot be supplied by mail.

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. Willful 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 (under intercollegiate rules) are as follows:

(a) Students on probation in any Faculty. (b) Students registered for fewer than ten lectures per week, a period of two laboratory hours being regarded for this purpose as equivalent to one lecture. (c) Students who have more than two failures in college subjects. (d) Students who have more than two deficiencies in matriculation subjects. No student is allowed more than three deficiencies in all, and all matriculation deficiencies must be removed before entering the Junior Year.

University Library

The Library is open during the session on every week-day except Saturday, from 8.50 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 10.00 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 ordinarily be taken out at 4 p.m. on any day, and must be returned before 10 a.m. the following morning.

Students are allowed the privilege of borrowing books from the library for the summer. Students, not resident in Halifax, 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.

Student Employment

Dalhousie Personal Services, a student employment agency, endeavours to find part-time, vacation, or permanent employment for students of the University. In this it is assisted by the National Employment Service of Canada. Communications from both students and prospective employers are invited.

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 \$16.00 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 and the Year Book *Pharos*. This fee also entitles the student to participate in the general student activities sponsored directly by the Council of the Students.

A student taking fewer 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. Fifth year Medical students are required to pay a reduced fee of \$8.00, which entitles them to all privileges of membership.

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.Ed.—
- B.Mus.—White silk bordered with lavender silk.
- L.L.B.—White silk bordered with gold coloured silk.
- M.D., C.M.—Scarlet silk bordered with white silk.
- D.D.S.—Scarlet silk bordered with gold coloured silk.

Doctors of Laws (LL.D.) shall be entitled to wear for full dress a gown of scarlet cloth, with loose open sleeves, the facing down the front and around the shoulders covered with black silk and the sleeves lined with black silk. The hood shall be of scarlet cloth lined with black silk and of the Cambridge design. The bierotum shall be the doctor's bonnet of black velvet with gold cord.

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. 65).

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 28 and 29.

No person under sixteen years of age is admitted to any class except by special permission 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 the requirements for admission and are candidates for a Bachelor's degree or for a degree in a professional course.

For details of admission to the professional courses, see pages 25, 26.

Special Students are those who have not fulfilled the requirements for admission. They may be admitted, with the consent of the instructor, to classes in which they appear able to profit. Those who intend to complete matriculation, must include the required elementary classes in the first year. When matriculation is complete, university classes that have been taken by special students in their first year at the university, will be recognized as credits towards a degree. **This concession applies to the first year only.**

Entrance Requirements

To be admitted to a regular course leading to a degree in Arts or Science or Commerce, a student must have credit for seven subjects of Junior Matriculation (see pp. 00-00) in (1) English, (2) Algebra, (3) Geometry, (4) a foreign language, (5) a second foreign language, (6) and (7) any two from History, Physics, Chemistry, Biology, Geology, Trigonometry, Latin, Greek, French, German, Spanish, Russian.

Note: Since two foreign languages are required for all degrees students should arrange, if at all possible, to include the two required languages in their High School course. Otherwise it will be necessary to include in the first year an elementary class in a foreign language in addition to the regular courses for a degree.

For B.A.:

One matriculation language must be Latin or Greek.

For B.Sc.:

One matriculation language must be French or German, or Spanish.

Students looking forward to Honours or Graduate work should confine their choice to **FRENCH** and **GERMAN**.

For B.N.Sc.:

As for B.Sc.

For B.Com.:

One matriculation language must be French or German or Spanish.

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 41.

For LL.B.:

Complete matriculation in Arts, Science or Commerce and the completion of ten regular classes in Arts, Science or Commerce.

For further information, see pages 110 ff.

¹ See page 25.

For M.D.,C.M.:

Complete matriculation in Arts or Science, 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 information, see pages 123ff.

For D.D.S.:

As for M.D.,C.M., see pages 146ff.

For B.Sc. (Pharmacy):

As for B.A. or B.Sc.

For B.Ed.:

As for Diploma in Education, see page 26.

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 48 and 49, and time table inside back cover.

Diploma of Licentiate of Music:

(1) English; (2) †Music; (3) French or German*; (4) One other subject. See page 42.

Diploma in Pharmacy:

Complete matriculation in Arts or Science. See page 25.

Diploma in Education:

Candidates for admission to a course leading to a University Diploma in Education must have received the B.A. or B.Sc. degree from a college or university recognized by the Senate. Students holding a degree from a university not recognized by the Senate may take a course and, if successful, qualify for the diploma issued by the Nova Scotia Department of Education.

Diploma in Food Technology:

This course is taken in conjunction with a B.Sc. degree but requires one extra year. For further information see pages 45 and 46.

*See page 25.

†Candidates looking forward beyond the Licentiate of Music Diploma should be careful to include German as one of the languages for matriculation.

Subjects of Matriculation

The Matriculation examinations will be held at the University from September 24 to 28, 1949. For the time table of the examinations, see page vi. Papers of three hours each will be offered on request in the following subjects*:

English	Trigonometry	Spanish
History (British, Ancient or Modern)	Greek	Physics
Algebra	Latin	Chemistry
Geometry	French	Biology
	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 Registrar's Office before September 17, 1949.

Application for examination at an outside centre should be made one month earlier, and permission will be granted only in exceptional circumstances. (See p. 64).

Requirements in Various Subjects

Candidates are expected to be prepared in the following requirements:

English.—Language: Grammar, analysis, parsing. **Composition:** Essays will be set on a variety of subjects, in which a wide choice will be offered. Other tests of composition, such as letters, paraphrases, and summaries, may be included in the paper. There are no prescribed texts, and candidates must understand that they will be judged chiefly on their ability to express themselves.

British History.—General outlines, as in *Ontario High School History of England*; or, *Tait's History of England, from the earliest times to the death of Queen Victoria*; or, *Bassona's Short History of England*.

Ancient History.—General outlines, as in Webster's *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 degrees, indices, ratios and proportion, theory of quadratic equations, factor theorem, arith. 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.

*See page 25.

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

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

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, science and elementary syntax; (4) translation of easy sentences from English into Latin.

The book prescribed is: Wodeck: *Third Year Latin*; pp. 1-24 (Cicero: *First Oration against Catiline*); pp. 213-238 (Selections from Ovid); pp. 135-190 (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. Duroso: *Modern French Course*, Lessons 31 to 50. Forrest: *French Poetry*, Selections 26 to 70. Manley: *Eight French Stories* (omitting the eighth story). Morneau: *Les Deux Sœurs*; Bernard: *L'Anglais tel qu'on le parle*. 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*, Lessons 14-26. Reading from Kastner: *Emil und die Detektive*, and A. Wilhelm: *Einer Muss heiraten*, complete. Equivalent work will be accepted.

Spanish.—Hills and Ford: *First Spanish Course* (Heath) to the end of Lesson XXXVII. Haan and Morrison: *Course Modernes* (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:

- (a) Certificates of the Common Examining Board of the Maritime Provinces and Newfoundland.

- (b) High School Provincial or "Accredited" School Certificates of Grades XI or XII of Nova Scotia, issued by the Department of Education of the Province of Nova Scotia.

The pass mark on Grade XI is 50%. Marks of 40% or over on Grade XII subjects may be counted as equivalent to passes in corresponding Grade XI subjects.

- (c) Equivalent Certificates issued by Education Departments of other Provinces.
- (d) Second Year Certificates issued by Prince of Wales College, Charlottetown, Prince Edward Island.
- (e) Certificates of Matriculation Examinations taken at recognized Universities.
- (f) Certificates similar to the above issued by University or other official examining bodies, when found adequate.

ADMISSION WITH 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 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 or Accredited School Certificate** of Grade XII of Nova Scotia issued by the Department of Education;
- (b) Third Year Certificate as issued by Prince of Wales College, Prince Edward Island;
- (c) Certificate of the first year of Memorial University College, Newfoundland;
- (d) Equivalent Senior Matriculation 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, but it should be noted that only students of superior ability can do this. A candidate from Nova Scotia will be allowed supplemental 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

*Grade XII Mathematics will not exempt student in Engineering from Mathematics.

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

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.

Admission ad Eundem Statum

Students from other Universities desiring to enter classes in this University may, on producing satisfactory certificates, be admitted with advanced standing and given credit for classes equivalent to those offered by Dalhousie University. Before proceeding to a degree they must have completed all required classes. No student shall be admitted to a degree in course in this University unless he has attended and passed in at least one year's work*** in the Faculty in question, and that the last year of the degree course.

Persons seeking admission ad eundem statum, in making application, must submit certificates of good character and standing, with duly certified statements of their Matriculation, and of the classes attended and passed, with the grades attained; and, if necessary, 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 that the applicant is pursuing a course of study or research in this University, or is associated with the academic work of the University.

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

Faculty of Arts and Science

The Academic Year begins September 26, 1949, and ends May 16, 1950.

For General University Regulations (V. p. 17, et seq.)

GENERAL FACULTY REGULATIONS

Admission to Classes

1. No Undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications (see p. 25 et seq.).
2. The list of classes which a student may take should include all possible 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 Studies.
3. Five classes shall be regarded as constituting a normal year's work for a student in good standing.
4. 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 courses 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. In determining pass lists 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 25 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 classes in another Faculty as part of an affiliated course must conform to the regulations of that Faculty

Examinations

Seasonal and Class Examinations

In all 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 work covered before Christmas.

Class Lists

The names of candidates successful in the examinations are arranged in the published lists in three divisions: First Division 80-100; Second Division 65-79; Third Division 50-64.

Supplemental and Special Examinations

A student who fails to secure a position on the Pass List in a class, but who has otherwise fulfilled the requirements in class work stated on page 31, may be allowed the Supplemental examination in that class at the beginning of the next session of his attendance, on the day appointed in the University Almanac, provided that no student may write more than three supplemental examinations or an examination in any class in which he obtained a final mark below 25%. A student who fails to write or to pass the Supplemental examination can obtain credit for this class only by passing a Special* examination.

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

*Students who have failed to pass in any class should carefully note that any examination taken subsequent to the Supplemental 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.

Supplemental and Special examinations for registered students are held in September only.

A student wishing to appear as a candidate at a Supplemental 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 15, the fee (see p. 64) to be remitted with the notice.

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.), Bachelor of Music (B.Mus.), and Bachelor of Education (B.Ed.), 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, Chemical, Mechanical, Electrical, Metallurgical 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, in Food Technology, and for the diploma in Pharmacy issued by the Maritime College of Pharmacy. (See p. 43).

The courses for the degree 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. (See pp. 38-40).

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. 38-37 and 45).

The degree of Bachelor of Science in Engineering Physics is granted on the successful completion of a five year course given in affiliation with the Nova Scotia Technical College.

The degree of Bachelor of Nursing Science is granted upon the completion of three years in the Faculty of Arts and Science with two summer courses intervening, and two years of training at the Victoria General Hospital, Halifax, or another hospital approved by the Senate.

The course of study for the degree of Bachelor of Commerce extends over four years. (See pp. 37-38).

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. 41-42).

*See separate Calendar, Faculty of Graduate Studies.

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, Hebrew, Russian, Italian.
- (iii) Two classes in English.
- (iv) History 1, Mathematics 1.
- (v) One class in Physics, Chemistry, Geology, or Biology.
- (vi) Any two classes from: the second class of the language chosen in (ii) above, a second class in History, Economics 1, Political Science 1, Philosophy 1, Psychology 1, Mathematics 2, a Science Class.
- (vii) Seven classes which require a University class as prerequisite selected from 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);
 - Economics (including Sociology);
 - English Language and Literature (including Biblical Literature);
 - Geology;
 - History;
 - Mathematics;
 - Modern Languages (including French, German, Italian, Spanish and Russian);
 - Music;
 - Philosophy (including Psychology);
 - Physics;
 - Political Science;
 - Psychology.
- (viii) Three elective classes.*

For details of classes in the above departments, see *Classes of Instruction*, page 67, et seq.

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

Lists of the classes chosen by students must be submitted to the Registrar's Office for approval not later than Wednesday, October 12, 1949.

* The Faculty strongly recommends that Philosophy 1, or Psychology 1, be included in the student's course.

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

Order of Classes

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

First Year

1. 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. 34.

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 the three electives of group viii 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 these.

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 these.

B. Law.—The classes of the first year.

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, or with the approval of the department and a proper selection of classes, in one year.

D. Medicine and Dentistry.—The classes of the first year.

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

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 Russian, or Spanish, or one in any two of them.
- (ii) One in each of the following: Mathematics, Physics, Chemistry, Geology or Biology.
- (iii) One class selected from the departments of English, Foreign Languages, History, Economics, Political Science, Philosophy and Psychology.
- (iv) Seven other classes, in not more than three of the departments of Science and Mathematics.
- (v) Four elective classes. Drawing 1 may be substituted for one of these classes, and any one of the affiliated groups* on page 37 may be substituted for any three.

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

Lists of the elective classes chosen by students must be submitted for approval not later than Wednesday, October 12, 1949.

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, or Biology 1, or Geology 1.
5. A second Science class, or a second Foreign Language class.

*Students in Chemical Engineering may substitute two Engineering classes for one elective.

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.**—Drawing 2 and 3, Surveying 2, Mechanics 3 and 4.
- B. **Medicine and Dentistry.**—The classes of the first year.
- C. **Pharmacy.**—The classes in Pharmacy, Materia Medica and Dispensing given by the Maritime College 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:

- (i) Two classes in English.
- (ii) History 1, Mathematics 1, a Science class, a class in a Modern Language.
- (iii) One class from the courses of instruction offered in the Faculty of Law.
- (iv) Economics 1, Economics 2 and Economics 9.
- (v) Commerce 1, Commerce 2 and Commerce 5.
- (vi) Seven other classes as directed by the Head of the Department of Commerce, selected mainly from the departments of Commerce, Economics and Mathematics.

Affiliated Courses

ARTS.—See page 35.

ENGINEERING.—An undergraduate looking forward to the study of Engineering should include English 1 under (i), Economics 1 under (iv), Chemistry 1 as the Science class under (ii), and Mathematics 2 and 34 among the classes selected under (vi) above. Such students are also reminded that in choosing their Arts elective they must include Commerce 5 and a foreign language.

LAW.—Students who have completed the first year of Law may count it as equivalent to three elective classes for the degree of Bachelor of Commerce, in which case a class in Arts or Commerce, approved by the Department, must be included instead of the class in Law required under (iii) above.

*See p. 77.

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. Admission to the classes of the third and fourth years will be conditional upon the completion, with a satisfactory record, of the work of the first two years. The following schedule shows the order recommended:

First year—English 1, Mathematics 1, Economics 1, French 1 or German 1 or Spanish 1, Commerce 5.

Second year—English 2, History 1, a Science Class, Commerce 1, one other class with Department's approval.

Third and Fourth years—The remaining compulsory and approved classes.

Honour Courses

Students of ability and ambition are urged to take a course leading to the Bachelor's degree with Honours. The course entails (a) a certain degree of concentration, (b) additional work in the subject chosen for Honours, (c) a higher quality of work than that for the ordinary Bachelor's degree. The following are the general rules for such a course:

1. A student may obtain Honours in four years from Grade XI if he spends all four years at the University. In certain departments, students who are well prepared may be allowed to obtain Honours in three years from Grade XII.

2. Honour students must be accepted by the department concerned. Their whole plan of study must be under the supervision of that department during the last two years of their course.

3. To obtain Honours, a student must:

- observe the rules for the ordinary B.A. or B.Sc. degree as laid down in the Calendar, (pp. 34, 36) except that in special cases, on recommendation of the department concerned, the Committee on Studies may allow the substitution of an advanced class in one of the sciences for the imperative in another.
- take at least five advanced classes prescribed by the department in which he is taking Honours;

- take two additional or special classes—one in the third year and one in the fourth year in the department in which he is doing his Honour work. (These classes shall be primarily for Honour students and may be given in any way that the department may decide). This means that twenty-two classes are needed for the B.A. degree with Honours;
- pass a comprehensive examination covering his Honour work at the end of his course;
- make an average of not less than 65 in all his Honour classes. (This includes the five advanced classes, the two additional classes and the comprehensive examination at the end).

4. In order to obtain *First Class Honours* a student must pass his Honour classes, as above in 3 (c), with an average of at least 80.

5. A degree with Honours may be obtained in the following departments:

Biology	Mathematics
Chemistry	Modern Languages
Classics	Philosophy
Economics	Physics
English Language and Literature	Political Science
Geology	Psychology
History	Public Administration

The following are special requirements for particular courses. None of these classes can be counted under 3 (b) above.

Biology. Preliminary Classes—Chemistry 1, Physics 1, Biology 1, Zoology 2 or Botany 2. French 1 and German 1 are recommended. An adequate knowledge of field conditions will be required. This may necessitate supervised work during the summer.

Chemistry. Preliminary Classes—Chemistry 1, 3 and 4, Physics 2, Mathematics 1 and 2. One class in German is recommended.

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

Economics. Preliminary Classes—Economics 1, History 1. (Political Science 1 is recommended.)

English Language and Literature. Preliminary Classes—English 1 and 2 and preferably another class in English. Prospective Honour students in the second year of the regular course are advised to consult the Department concerning the election of classes that will provide a suitable foundation for the

Honour Course. Honour students should have or obtain a reading knowledge of German.

Geology. Preliminary Classes—Geology 1, Mathematics 2, Physics 1 or 2, Chemistry 1 and 2, Drawing 1 and 2, Surveying 1 and 2. Women students need take only Surveying 1, but will be required to take some field surveying around the campus. Students wishing to specialize in Palaeontology must take Biology 1.

History. Preliminary Classes—History 1, Economics 1. (Political Science 1 is recommended.)

Mathematics. Preliminary Classes—Mathematics 1, 2, Physics 2, 3. This may necessitate taking some of the imperative classes in the third year. All prospective Honour students ought to consult the department as early as possible in their course.

Modern Languages. Preliminary Classes—the first two years of two modern foreign languages. This will necessitate taking some of the imperative classes for the B.A. degree in the third year. All prospective Honour students ought to consult the department as early as possible in their course. If a student wishes to take Honours in German he must take Philosophy 1.

Philosophy. Preliminary Class—Philosophy 1.

Physics. Preliminary Classes—Physics 2 and 3, Mathematics 1 and 2, Chemistry 1 and 2 or 4. A class in French and German should be included.

Political Science. Preliminary Classes—Political Science 1, History 1. (Economics 1 is recommended.)

Psychology. Preliminary Class—Psychology 1.

Public Administration. Preliminary Classes—History 1 and either Political Science 1 or Economics 1.

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 course will include classes from the related fields of History, Economics, Law and Political Science, as well as some special work in public administration.

Those interested should consult the Instructor in Public Administration.

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 piano-forte, 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 1.
7. French 1.

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 (Simple and Combined).
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.

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

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.
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 Acoustic. 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. 64) 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 required classes in the Faculty of Arts and Science in addition to the classes in the purely professional subjects. (See p. 36). The Degree Course is particularly desirable for students preparing themselves for specialized pharmaceutical work or for post-graduate study.

Other Pharmacy Courses

The Maritime College of Pharmacy, with the co-operation of the University, offers two other courses in Pharmacy, an Elementary Course which is prerequisite to all other Pharmacy courses, and a Diploma Course. These courses are carried on in the University buildings and the students are subject to University regulations and discipline.

The Elementary Pharmacy Course also prepares the student for the Certified Clerks' Examinations of the New Brunswick and Nova Scotia Pharmaceutical Societies. This Course begins the first week in September, 1949.

The Diploma Course begins on Thursday, September 29, 1949, 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 p.)

This course, which covers a minimum of two years and includes Chemistry, Physics, Biology, Materia Medica, Pharmacy, Prescriptions and Dispensing, leads to a Diploma in Pharmacy which is prerequisite to admission to the final licensing examination of the Pharmaceutical Societies and Associations of the Maritime Provinces.

For the calendar of the College and for all information, address the Maritime College of Pharmacy, Medical Sciences Building, College Street, 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, which must be Psychology 1 if not already taken. 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. If a piece of

practical work is undertaken, full arrangements must be made with the Professor of Education before the beginning of the Autumn Term.

Degree of Bachelor of Education

Students who, after securing the Diploma in Education, have satisfactorily completed one year of teaching, and have submitted an acceptable thesis to the Professor of Education, may be awarded the degree of Bachelor of Education.

The candidate must be admitted and the subject of the thesis approved at least twelve months before the candidate presents himself for the degree.

Further information may be obtained from the Registrar or the Professor of 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 from the Head of the Department or the Registrar's Office.

Course in Food Technology

The University, in cooperation with the Nova Scotia Technical College and the Fisheries Research Board, offers a five year course leading to the degree of Bachelor of Science with a Diploma in Food Technology. Graduates should be qualified to take up work in various branches of the food processing industry. The course is so arranged that students who have completed two of three years of general science can, in most cases, satisfy the requirements for the B.Sc. in Food Technology in three additional years. In addition to the classes listed below, the student must spend two summers, ordinarily those following the third and fourth years, gaining experience in a food plant. Summer projects require the approval of the Committee on Studies. The curriculum is as follows:

A. Required Classes

- (i) Two classes in English. Two classes in French or German, or one class in each.
- (ii) Mathematics 1 and 2.
- (iii) Physics 1 or 2, and 3.
- (iv) Chemistry 1, 2 or 3, and 4.
- (v) Biology 1.
- (vi) Biochemistry 1A and 4.
- (vii) Drawing 1, Mechanics 3 and 4.
- (viii) Bacteriology (at Fisheries Station).
- (ix) Thermodynamics 354 and 355 (at Nova Scotia Technical College), or Physics 5.7 (at Dalhousie).
- (x) One Elective selected from the departments of English, Foreign Languages, History, Economics, Political Science and Philosophy.

B. Six of the following classes or groups of classes, selection of which must be approved by the Committee on Studies.

Dalhousie Classes:

- (xi) Botany 3 or Zoology 2.
- (xii) Chemistry 7 or Biochemistry 2.
- (xiii) Another class in Science or Mathematics.

Nova Scotia Technical College Classes:

- (xiv) Electrical Engineering Practice and Laboratory 218, 219, 256 and 257.
- (xv) Strength of Materials and Elements of Structures 102, 103 and 105.
- (xvi) Machine Design Theory and Machine Shop 330, 331, 332 and 342.
- (xvii) Steam Power Plants and Heat Engines 303 and 367.
- (xviii) Heating and Ventilation 322 and 323.
- (xix) Physical Chemistry 701 and 702.

Course for Bachelor of Science in Engineering Physics

The University, in co-operation with the Nova Scotia Technical College, offers a five year course leading to the degree of Bachelor of Science in Engineering Physics. This course is designed to afford a greater training in Physics and Mathematics than is usual in the ordinary Engineering course. It gives a wider and more thorough acquaintance with these sciences and also provides some specialization in one or other of different fields, such as Communications, Geophysics, Illumination Engineering, etc. Graduates should be qualified for appointments to provincial, federal and industrial organizations in which there is a demand for men who have had training in Applied Physics.

The course is so arranged that students who have completed three years of work in Physics, Mathematics and pre-Engineering subjects will then spend two additional years in certain advanced classes in Physics together with selected Engineering subjects given at the Nova Scotia Technical College. The curriculum is as follows:

First Year—Chemistry 1, Mathematics 1, English 1, Drawing 1, Physics 2, Surveying 1, French 1.

Second Year—Chemistry 2, Mathematics 2, English 2, Economics 1, Geology 1, Physics 3.

Third Year—Mathematics 3, French 2 or German 3, Mathematics 4, Physics 4, Physics 14, Mechanics 3.

Fourth Year—Physics 5.7 or 7.10 or 7.9, Physics 6, a class in Physics or Mathematics, Electrical Machinery and Laboratory (N.S.T.C.), Engineering Thermodynamics (N.S.T.C.).

Fifth Year—

1. Physics 5.7 or 7.10 or 9.10.
2. AC Machinery and Laboratory (N.S.T.C.).

3, 4 and 5. Either 2 classes in Physics or Mathematics and one class at Nova Scotia Technical College, OR 1 class in Physics or Mathematics and 2 classes at Nova Scotia Technical College.

A student who wishes to change from the B.Sc. course in Engineering Physics to the regular Engineering Diploma course, may do so at the end of his second year providing that he takes in the third year Drawing 2, Drawing 3, Surveying 2, Mathematics 34 and Mechanics 2, 4 and 5, in place of French 2, Physics 4, Mathematics 3, Mathematics 4 and Physics 14.

Course for Bachelor of Nursing Science

This course is designed for students looking forward to a career in Nursing. It includes all the imperative subjects and five additional classes of the ordinary course leading to the degree of Bachelor of Science. Between the first and second, and the second and third years, summer courses in Nursing will be given. On completion of three years the student may finish the work for the ordinary Science degree in one year, or enter a hospital approved by the Senate for two years of Nursing instruction to complete requirements for the degree in Nursing. Prospective students should write the Registrar for a special pamphlet giving this course in detail.

Course in Graduate Nursing

Graduate registered nurses who have completed matriculation requirements for a diploma course may register. On completion of a course of one year's duration a diploma will be granted in either Public Health Nursing or in Nursing Education, depending upon the course elected by the candidate. Nurses interested should write the Registrar for a special pamphlet outlining the course in detail.

Uniform Course in Engineering

This course is intended for students who look forward to taking a degree in Chemical, Civil, Electrical, Mechanical, Metallurgical or Mining Engineering. It covers the requirements prescribed for admission to the courses for a degree in Engineering from 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 26.

The course is one requiring three years, namely:

First Year—English 1A, Mathematics 1, Chemistry 1, Drawing 1, Surveying 1, Mathematics Problems, an elective selected from the Humanities and Social Sciences. Commerce 5 is strongly recommended. This elective may be taken in the second year of the course.

Second Year—English 1 or 2, Mathematics 2, Physics 2, Drawing 2, Surveying 2, Chemistry 2 or 3**, Commerce 5, chosen as the elective.

*Students planning to complete their course at some college other than the Nova Scotia Technical College are to consult the Department of Engineering before drawing up their course.
**Chemistry 2 is required for all students in Chemical or Metallurgical Engineering. Such students are urged to register in at least one additional Chemistry class, if they intend to take a fourth year at the University.

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

Surveying Camp, of three weeks' duration, held in September, must be attended by all students who contemplate taking Surveying 2 during the following session.

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. This experience must be related to or associated with the branch of engineering which the student is pursuing in college. Machine shop practice at the Technical College is not considered as equivalent to any portion of the period of practical experience required.

Engineering students may obtain the degree of B.Sc. by taking certain Arts classes in addition to those specified above, see p. 36.

Faculty of Graduate Studies

Students looking forward to courses leading to the degrees of Master of Arts or Master of Science should apply for information and necessary forms of application to the Acting Secretary of the Faculty, Professor J. G. Adshend, Dalhousie University, Halifax, N. S.

†Students in Chemical or Metallurgical Engineering are required to take Geology 2 in place of Geology 1. In special cases Biology 1 may be substituted.

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 satisfactory progress.

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 value of the Scholarship Funds, as it would enable other students of scholarly attainments to attend the University.

OPEN TO STUDENTS IN ARTS AND SCIENCE
ENTRANCE SCHOLARSHIPS

(To qualify for a scholarship, candidates must have complete matriculation for Arts or Science.)

1. Twenty-four scholarships, each of a maximum value of \$100. (\$150 per year) will be offered to properly qualified students who enter the University in 1949.
2. Selection of scholars shall be made on the following bases:
 - (a) The record of marks made in the Grade X quarterly and final examinations and the quarterly examinations of Grade XI which are available; in the case of Grade XII students on the Grade XI certificate and the quarterly examinations during the Grade XII course. Candidates from a Junior College should submit an official transcript of their record.
 - (b) A letter of recommendation from the Principal of the school or college.
3. In order to hold a scholarship:
 - (a) Candidates must in the same year in which the selection is made, produce a complete matriculation certificate, which must show an average of 65% in the seven required subjects with no mark below 50%. (For matriculation requirements, see p.)
 - (b) All scholars shall register for the degree of B.A., B.Sc., or B.Com. in October, 1949.
 - (c) Scholarships shall be relinquished if the holder fails to achieve scholarship standing in the university classes taken in any year.

Applications must be made on the proper forms which can be obtained from the Principal of the High Schools, or from the Registrar, Dalhousie University, and are to be returned to the Registrar before May 13, 1950.

Full information regarding these scholarships may be obtained from the Registrar, Dalhousie University.

The following funds are among those available for Entrance Scholarships. Included in those awarded will be certain scholarships bearing the names of the funds from which they are drawn:

The O.E. Smith Trust.—Certain of the revenues derived by the University from the above fund have been set aside for scholarships.

Howard Murray Fund.—In 1941 the balance of the estate of the late Howard Murray, Professor of Classics, 1894-1933, consisting at that time of \$12,857, was left to the University for the benefit of the Department of Classics.

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.

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

The George H. Campbell Memorial Scholarships Fund.—In 1917 Mr. and Mrs. George S. Campbell gave the University the sum of \$25,000 to commemorate their only son, George Henderson Campbell, B.A., 14, who enlisted for overseas service during his senior year, and was killed while on duty at the front.

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

The Hector McInnes Memorial Scholarship Fund.—During the last year of his life, the late Hector McInnes was given \$10,000 by an anonymous donor to whom he had been describing the Dalhousie Entrance 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 unexpected balance of the original \$10,000.

Armdale Chapter I.O.D.E. Bursary.—The Armdale Chapter of the I.O.D.E. offers a Bursary to be awarded to a candidate of sufficient ability entering the University for the first time from the Armdale district.

Merton R. Heinish Memorial Scholarship.—This Scholarship of annual value of \$50 is offered in memory of Morton R. Heinish, who lost his life while serving in the R.C.A.F. It is tenable by a student of the Queen Elizabeth High School, Halifax. Full information may be obtained from the Principal of the School, or from the Registrar, Dalhousie University.

Pictou Academy Scholarship.—In recognition of the common origin and close relation existing between Dalhousie University and Pictou Academy, the University, in 1917, on the occasion of the hundredth anniversary of the Academy, established a Scholarship of the value of \$100 to be held during his first year of attendance at this University by the winner of an Academy Scholarship recommended by the Academy for this purpose. If such person stands also highest among the Academy students in the Grade XII examinations, the scholarship will be increased to \$200.

Provincial Normal College Scholarship.—A Scholarship of the value of \$75 annually is available for award by the Faculty to a graduate of the Provincial Normal College of Nova Scotia recommended by the Principal.

Prince of Wales College Scholarship.—A Scholarship of \$200 annually has been established to be given to the student who stands highest in the fourth year examinations of Prince of Wales College, Charlottetown, and who enters the Faculty of Arts and Sciences 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." Applications from qualified students may be sent to the Registrar.

"In the awarding of this scholarship preference will be given to the students of Nova Scotia extraction.

The Ross Miller Bursary.—Under the will of Dr. Ross Miller the sum of \$10,000 was bequeathed to the Board of Governors in trust to set up a bursary to be awarded annually at the spring Convocation. It is stipulated that "other things being equal the recipient shall be an undergraduate in Arts or Letters who is qualifying himself for the Ministry of the Presbyterian Church in Canada by taking the Arts or Letters degree at Dalhousie." The Synod of the Presbyterian Church in the Maritime Provinces will present the names of candidates to the Board of Governors, and the necessary scholastic requirements will be decided either at the matriculation examinations or by ability as shown by the semester examinations.

Cape Breton Hebrew Scholarship.—The sum of \$100 is contributed by the Hebrew community of the Sydney District, Cape Breton, towards the scholarship fund.

The Dalhousie Club of New York Scholarships.—A fund for this purpose, established by the Dalhousie Club of New York and placed in the hands of the Board of Governors of the University, endows a scholarship available to students entering this University in the Faculty of Arts and Science from the public schools of Nova Scotia, New Brunswick, Prince Edward Island, and Newfoundland. The scholarship, of a value of \$200 or more a year, is awarded primarily, "upon the public school or entrance standing of the student," and is subject to renewal for the same candidate from year to year at the discretion of the Senate.

The I.O.D.E. Bursary.—As part of a War Memorial the I.O.D.E. offers annually, one in each province of Canada, a bursary for four years study in Canadian universities. For these bursaries, only the sons and daughters of deceased or permanently disabled men and women of the services (Army, Navy, Air Force) are eligible. The bursary shall be awarded to a candidate who meets the entrance requirements of the University of his or her choice. The bursary is of the value of \$1,000, i.e. \$400 a year for four years, provided that the holder passes the examinations of each year in the spring, or at least, in the autumn of the same year. For further particulars communicate with the I.O.D.E. Provincial Educational Secretary, Mrs. G. D. Anderson, 17 Connaught Avenue, Halifax, N. S.

The Pi Beta Phi Fraternity Scholarship.—The Pi Beta Phi Fraternity offers a scholarship of the value of \$50, for the session 1940-50, to a woman student entering a university for the first time. Award will be based on scholarship, character and need.

First Year Scholarships and Prizes

These Scholarships are three in number, as follows:

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

They are open only to Undergraduates who are just completing the first year of the course in Arts or Science, and are tenable for one year (except the Bruce Scholarship) and are payable in two equal instalments, on October 15 and February 1, the latter payment being conditional on the scholar having made satisfactory progress in his classes. They are awarded on the results of the Sessional Examination returns in courses recommended for first year students (see pages 35-36).

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

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

†Preference will be given to students of Scottish extraction.

‡See on page 51.

Second Year Scholarships and Prizes

The Allan Pollok Scholarship.—This Scholarship was instituted by the North British Society of Halifax, in memory of the Rev. Dr. Allan Pollok. It is of the value of \$200 and will be awarded annually, without restriction as to sex, age or nationality, to the student attaining the highest standing in the five classes which constitute the normal** second year course in Arts or Science. This Scholarship cannot be held along with the N.B.S. Centennial Bursary, or the Jotham Blanchard Bursary. It will be tenable in the third year of the Arts course.

The North British Society Centennial Bursary.***—A Bursary of the annual value of \$100, founded by the North British Society of Halifax, will be awarded biennially. Candidates must be undergraduates in a course in Arts or Science who are just completing two†† years of residence, and must satisfy the test of racial eligibility for membership in the North British Society. The 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, 1930.

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 honored name in the annals of Pictou County, will be awarded biennially on the same academic conditions as the North British Society Centennial Bursary. It is tenable during two years, namely, during the third and fourth years of residence. The next award will be made in May, 1930.

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."

The Marion S. Morrow Chapter I.O.D.E. Scholarship (English) awarded to a student, recommended by the Department, whose work in English is deserving of special recognition.

The Howard Murray Scholarship in Latin.—This is of the value of \$100 and is awarded annually to the student standing highest in Latin 2 (provided that his stand is sufficiently high in the opinion of the Department of Classics), who proceeds to take at least one further Latin class in the following year. Preference will be given, if other things are equal, to the student taking two such Latin classes. It is awarded at the commencement of the regular third year. It cannot be held along with the Howard Murray Prize in Classics.

The Howard Murray Scholarship in Greek.—This is of the value of \$100 and is awarded annually to the student taking highest standing in a regular second year class in Greek (i.e. Greek 1 or 2), (provided that his stand is sufficiently high in the opinion of the Department of Classics), who proceeds to take at least one further Greek class in the following year. Preference will be given, if other things are equal, to the student taking two such classes. It is awarded at the commencement of the regular third year. It cannot be held along with the Howard Murray Prize in Classics.

** See page 55.

†† To hold the scholarship for more than one year the student must have made an average of 80% or over in the classes taken in the preceding year.

‡ To hold the scholarship for more than one year the student must have made an average of 80% or over in the classes taken in the preceding year.

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

The Howard Murray Prize in Classics.—This is of the value of \$250 and is awarded annually to the student of the highest standing who is admitted to an Honour Course in the Department of Classics at the commencement of the regular third year.

The O. E. Smith Scholarship.—This Scholarship of \$250 (\$125 annually for two years) is awarded to the best student entering on the Honours Course in Modern Languages, at the end of the second year.

Third Year Scholarships and Prizes

The Khaki University Scholarships.—From the Khaki University and Young Men's Christian Association Scholarship Fund, amounting to \$1,533, which was received from the trustees of the Khaki University, the value of \$100 each, two in number, will be awarded, usually 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 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.

The H.M.S. "Good Hope" Chapter I.O.D.E. has offered a scholarship to be awarded to a student, preferably in the third year, whose work is deserving of special recognition.

The Howard Murray Scholarship in Latin.—This is of the value of \$100 and is awarded annually to the student standing highest in Latin 3 or 4 or other third year Latin class or classes (provided that his stand is sufficiently high in the opinion of the Department of Classics), who takes at least one further Latin class in the following year. Preference will be given, if other things are equal, to the student taking two such Latin classes. It is awarded at the commencement of the regular fourth year. It cannot be held along with the Howard Murray Prize in Classics.

The Howard Murray Scholarship in Greek.—This is of the value of \$100 and is awarded annually to the student standing highest in a regular third year class in Greek (i.e. Greek 2 or 3 or 4 or other third year Greek class or classes), who takes at least one further Greek class in the following year (provided that his stand is sufficiently high in the opinion of the Department of Classics). Preference will be given, if other things are equal, to the student taking two such Greek classes. It is awarded at the commencement of the regular fourth year. It cannot be held along with the Howard Murray Prize in Classics.

The Howard Murray Prize in Classics.—This is of the value of \$200 and is awarded annually to the student with the highest standing who has successfully completed one year of an Honour Course in the Department of Classics and is entering his last year of such an Honour Course

The O. E. Smith Scholarship.—This Scholarship of \$500 is awarded to the student with the highest standing at the end of the first year of the Honour Course in Modern Languages to enable that student to study modern languages in Europe during the ensuing long vacation.

Third and Fourth Year Scholarships and Prizes

Public Administration.—Two scholarships of \$200 each are available to students in the last two years of the Honours 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. A capital sum was placed in the hands of the University in December, 1948, to permanently endow the scholarship, which will have an annual value of approximately \$200.

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.

The Dr. A. Stanley Mackenzie Scholarship in Physics.—This scholarship will be awarded, on recommendation of the Department of Physics, to the most promising student who has completed Physics 1 or 2, Physics 3, Mathematics 1 and 2, and who intends to specialize in Physics in the third and fourth years of his course. Preference will be given to those students entering the Honours Course in Physics.

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

The Ross Stewart Smith Scholarship.—This scholarship, of the value of \$10, contributed by Mrs. Eliza Cookran 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 Book Prize in Geology.—This prize, of the annual value of \$25, 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 the highest standing. In order to receive this prize a student must register for one class in Geology in the third year of his course.

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 Sarah M. Lawson Scholarship in Botany.—This scholarship of approximately \$150 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.

The John Hamilton Barrett Prize is the gift of his widow, Mrs. Marjorie Barrett. It is offered annually at the end of the fourth year of the course to the student—being a son of a veteran who served in the Second World War or who himself served in the same war—who has shown exceptional ability in Chemistry or some other science.

I.O.D.E. Scholarships.—Through the generosity of various chapters of the I.O.D.E. scholarships awarded by the chapters have enabled students to enter the University or to continue their courses. Chapters whose awards have been made in consultation with the University include: Bedford, Sir Samuel Cunard, Robin Hood, John Seawart, Marston S. Morrow and Evangeline.

The Walter P. Copp Memorial Prize, from a grant made to the University by the Halifax South Civic Improvement Association, will be awarded to the student in Engineering, taking the regular three-year course, who has the highest average in two English classes, French 1 and Economics 1 or equivalent classes. A prize of \$50 will be offered for the sessions 1947-48, 1948-49, and 1949-50.

Frost Birth Prizes.—Two prizes of \$25 each, one for the student standing highest in Biology 1, and one for the student standing highest in Zoology 2, provided the student is recommended by the Department.

The A. N. A. Club Scholarship.—Through the generosity of Mrs. P. H. M. Jones the cash surplus of the A. N. A. Club was given to the University to provide scholarships for ex-service women. A scholarship will be offered for the 1949-50 session.

The Chemical Institute of Canada Prize.—A prize of \$25 for books will be awarded to the student entering the fourth year who is recommended by the Department of Chemistry.

Graduation Medals and Prizes

The Governor-General's Gold Medal, offered by His Excellency the Governor-General of the Dominion of Canada will be awarded to the student who is judged to be the leading First Class Honours graduate of the year. (Each a student is not eligible for a second medal.)

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 First Class 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 First Class Honours in Government and Political Science.

The French Government Medal.—This medal is offered by the French government (1938) through its Halifax Branch of the Alliance Française to the student who stands first among those graduating with First Class Honours in the Department of Modern Languages, provided that he has specialized in French.

University Gold Medals will be awarded in all other departments (i.e. in all except Mathematics, Political Science and the French section of Modern Languages) to the highest ranking First Class Honours graduate.

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 in the pass course.

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 post-graduate study in the same department of another university approved by the Senate.

The Nova Scotia Headmasters' Association Prize.—A prize of \$25 annually has been established by the Nova Scotia Headmasters' Association for the student standing highest in the Education Diploma Course.

OPEN TO ALL STUDENTS

(Essays offered in competition must be submitted before March 31.)

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.

Mushkat Memorial Essay Prize.—From the interest on a bequest of \$1,000 provided by the will of the late Mr. William Mushkat 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 \$1,000 given by the Halifax Branch of the Overseas League, will be awarded annually. It will be offered for the best essay on some question, historical or critical, relating to the place of the Overseas Dominions in the British Commonwealth.

The Wings Club Scholarship.—Funds given to the University by the trustees of the Wings Club, Halifax, through Mrs. Furber Angus of Montreal, will provide five scholarships open to former members of the R.C.A.F. in any faculty. Application should be made to the Dean of the Faculty.

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 post-graduate work at any University of Great Britain, and in special cases at any University on the continent of Europe, or 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 £500 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 resided 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 A. G. Cooper, 35 Bedford Row, 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 1.

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

1851 Exhibition Science Research Scholarships.—These Scholarships of the value of £300 sterling a year (with a possible additional grant of up to £50 a year, for fees, etc.), 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.

A Science Scholarship, on the same basis as the 1851 Exhibition Scholarship, is to be offered in 1948 and ensuing years by the Royal Institution. The award will be made on the advice of the Science Scholarships Committee for the Royal Commission for the Exhibition of 1851, and no candidates will be considered except those who have been recommended to the Commissioners by Dominion Universities for 1851 Scholarships. Candidates for 1851 Overseas Scholarships who wish to be considered also for the Royal Institution's Scholarship, are requested to state this clearly in paragraph 15 of the Recommendation Form for the 1851 Scholarship. No further application to the Royal Institution will be necessary.

OPEN TO GRADUATES

The Eddy Resident Fellowship for Women.—This Fellowship, of the value of \$300, founded by the Board of Governors in memory of the late Mrs. E. H. 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.

Canadian Federation of University Women Scholarships.—The Travelling Scholarship of the Canadian Federation of University Women, value \$1,250, available for study or research work, is open to any woman holding a degree from a Canadian university, who is not more than 35 years of age at the time of award. In general, preference will be given to those candidates who have completed one or more years of graduate study and have a definite course of study or research in view. The award is based on evidence of character, intellectual achievement, and promise of success in the subject to which the candidate is devoting herself.

The Junior Scholarship of the Canadian Federation of University Women, value \$850, is open to any woman holding a degree from a Canadian university, who is not more than 25 years of age at the time of award. Preference will be given to students who have studied in only one university and who desire to continue their studies in another.

The proposed place and plan of study or research must be approved by the Scholarship Committee.

Application blanks and further information may be obtained from the Convener of the Scholarship Committee, Dr. Cecilia Kröger, University of Toronto, Toronto, Ont. Applications and recommendations must be received not later than February 1.

The James Gordon MacGregor Memorial Fellowship in Physics.—This Fellowship, of the value of \$600, 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.

The Belle Crowe Fellowship.—The net income from a bequest to the University, under the will of the late Miss Belle Chisholm Crowe of Madison, Wisconsin, formerly of Truro, N. S., and a student in the University in 1885-86, is devoted to a fellowship in Inorganic Chemistry "to enable a deserving student on his graduation from the University to pursue post-graduate study in Inorganic Chemistry in Dalhousie or another university approved by the Senate or other academic governing body."

Public Administration.—Two scholarships, one of \$350 and one of \$250 may be offered for the year 1940-50 to graduates of Dalhousie or any other Canadian University for graduate study in the field of Public Administration.

I.O.D.E. Post-Graduate Overseas Scholarship.—As part of a War Memorial, the Imperial Order Daughters of the Empire offers annually in each province in Canada a scholarship for one year's post-graduate study in Great Britain. The value of the scholarship is \$1500.00 a year.

The conditions under which these scholarships are awarded are as follows:

- (1) Candidates may be men or women. They must be British subjects with at least five years residence in Canada, and unmarried. Each candidate must hold a degree from a recognized university or degree-granting college in Canada, and must have done or be doing post-graduate work.
- (2) In each province a Committee of Selection will award the scholarship. Other things being equal, preference will be given to a returned man, his sister, brother, son or daughter. The Committee of Selection will consider not only academic attainments and promise, but also personal character and physical fitness.
- (3) Applications for this scholarship should be sent before October 15, 1940, to Mrs. G. D. Anderson, Provincial Educational Secretary, I.O.D.E., 17 Cornsurgat Avenue, Halifax, N. S., who will provide additional information about the scholarship.

A candidate shall be entitled to apply in the province in which the University from which he or she graduated 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.

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 post-graduate 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.

Imperial Oil Graduate Research Fellowships.—The Imperial Oil Limited, in 1948, established for annual competition four research fellowships of the value of \$3,000.00 each (\$1,000.00 per year payable in Canadian funds for a maximum of three years), open to graduates of any approved university in Canada. These fellowships are offered for graduate work leading to a Doctor's or Master's degree in the fields of Petroleum Engineering, Petroleum Geology, Chemistry or Chemical Engineering, and Mechanical Engineering. Nominations of students for these fellowships is made by the University—such nominations being submitted to the Imperial Oil Scholarship Committee, Imperial Oil Limited, 55 Church Street, Toronto, not later than June 1st, each year. Nomination forms and information as to the terms of fellowships are available at the Registrar's office.

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, 1949.

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, 1949.

Harry F. Bennett Educational Fund.—This Fund has been established by subscriptions from members of the Engineering Institute of Canada, in memory of the late Harry

F. Bennett, M.E.I.C. One purpose of the Fund is to make loans to deserving students in Engineering who need financial assistance and who have proved themselves by successfully completing their first year in Engineering. Further information and application blanks may be obtained at the office of the Head of the Department of Engineering.

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 March 31. For detailed information and application forms for either new grants or renewal of previous grants address the Registrar.

The Post-discharge Rehabilitation Grants.—Ex-service personnel seeking educational grants should submit entrance certificates and particulars of proposed courses and if accepted will be given a letter with which to support their applications to the Department of Veterans' Affairs.

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 \$3.00).....	\$16 00
Payable by students doing thesis work for B. Ed. degree (including Library Fee of \$5.00).....	16 00
Payable by students taking more than one class (including Library Fee of \$5.00).....	21 00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day.....	2 00

For Tuition

For each class other than a Commerce class, not involving work in laboratory or draughting-room.....	\$ 30 00
For Education I.....	32 00
For each Commerce class.....	40 00
**For each draughting-room class.....	40 00
**For laboratory classes in—Geology.....	40 00
—Biology, Botany, Zoology.....	45 00
—Physics, Chemistry.....	50 00
For course leading to Education Diploma.....	120 00
The inclusive tuition fee for students registered in Commerce for each year (5 courses) in.....	200 00

*Students who register only for the purpose of taking examinations are exempt from this fee
**See Laboratory Deposits, p.

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.
 Italian: see Modern Languages.
 Latin: see Classics.
 Law.
 Mathematical Physics: see Physics.
 Mathematics.
 Mechanics: see Engineering.
 Medicine.
 Modern Languages. (French, German, Italian, Russian, Spanish)
 Music.
 Pharmacology: see Biology.
 Philosophy.
 Physics. (Physics, Mathematical Physics).
 Physiology: see Biology.
 Political Science.
 Psychology.
 Russian: see Modern Languages.
 Spanish: see Modern Languages.
 Sociology: see Economics.
 Surveying: see Engineering.
 Zoology: see Biology.

CLASSES OF INSTRUCTION

Classes marked * are designed for those taking
 Honours Courses.

Biblical Literature

Lecturer..... Elias Andrews.

Tu. and Th. at 3.30 p.m.

Prerequisites.—English 2 (which, with the consent of the Head of the Department and of the Lecturer, may be taken at the same time).

This course introduces the student to the origins, the sources, and the development of the literature both of the Old and New Testaments. The various types of Biblical literature are examined in the light of their religious and historical background, and an attempt is made to furnish an intelligent approach to the whole field of Biblical study.

Fig. references: J. A. BEYER: *The Literature of the Old Testament*; E. F. SCOTT: *The Literature of the New Testament*; T. W. MASON: *A Companion to the Bible*.

Biochemistry: see Chemistry**Biology**

Students intending to major in Biology are advised to include Biology 1 and Chemistry 1 in their first year, and Zoology 2 or 3 or Botany 2 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 Th., 10 a.m. to 1 p.m. H. P. Bell, D. Pelluet.

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.*)
Assistant Professor

2. **General Botany.**—(1949-50). Lect.: M. and W. at 2.30 p.m. Lab.: M. and W. 3.30 to 5.09 p.m. H. P. Bell.

Prerequisite.—Biology 1.

3. **Economic Plants, Their Structure and Use.**—(1950-51). 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. **The Flora of Nova Scotia.**—(1950-51). Lect.: M. and W. at 6 a.m. Lab.: Three hours per week. H. P. Bell.

Prerequisite.—Biology 1.

Students intending to enrol in this class should consult the instructor and arrange for assistance in summer collecting.

5. **Histology of Plant Growth.**—Lect.: Two hours per week. Lab.: Four hours per week. H. P. Bell.

Prerequisite.—Botany 2 or Botany 3.

Zoology

Associate Professors..... F. Ronald Hayes, D. Pelluet.

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

Prerequisite.—Biology 1.

3. **Invertebrate Animals, Their Structure, Life History and Parasitic Relations to Man.**—(1950-51). Lect.: M. and W. at 2.30 p.m. Lab.: M. and W., 3.30 to 5.30 p.m. D. Pelluet.

Prerequisite.—Biology 1.

4. **Evolution, Genetics and Experimental Embryology.**—(1949-50). Lect.: M., W. and F. at 12 m. D. Pelluet.

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.**—(1949-50). 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 growth, the nervous system, sense organs and response to stimuli.

6. **Experimental Zoology.**—(1950-51). 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.

A discussion of such topics as temperature, respiration and osmotic relations.

7. **Cytology and Histological Techniques.**—(1949-50). Lect.: M. and W. at 2.30 p.m. Lab.: M. and W., 3.30 to 5.30 p.m. D. Pelluet.

This class is limited to six students.

8. **Advanced Cytology.**—(1950-51). Lect.: Two hours per week. Lab.: Four hours per week. D. Pelluet.

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

9. **Human Physiology.**—Lect.: M and F. at 9 a.m. Lab.: M., 10 a.m. to 1 p.m. C. H. Weld.

Prerequisite.—Biology 1, Chemistry 1.

This course is given by the Medical Faculty but it is separate from the Medical course.

Biological Seminar

Lectures and presentation of papers by members of the staff and senior students. All Honour and Graduate Students must participate.

Summer Courses

Students who complete creditably any of the courses on the curriculum of the Marine Biological Laboratory, Woods Hole, Massachusetts, may, on the recommendation of the Department of Biology, present these courses for credit towards a degree.

Histology and Embryology

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

Anatomy

Anatomy IA, given in the Medical Faculty but not qualifying for Medical degrees, may be offered as an elective in Biology. It is a course (nine hours per week) in biometry and statistical methods applied chiefly to morphological problems.

Only students intending to specialize in Biology are proficient in Mathematics, and look forward to research, should elect this course, and only after consultation with the Head of the Department.

Prerequisites.—Biology 1, Mathematics 1 (or their equivalents), and the consent of the instructor. Mathematics 2 is desirable.

Chemistry

Professors.....	C. C. Coffin (Head of Dept.), W. J. Chute (Director of Laboratories).
Assistant Professors.....	C. A. Reilly, W. R. Trost.
Laboratory Assistants (1948-49).....	Rosemary Bloom, J. A. Brothers, Athens Castas, I. H. S. Henderson, A. R. Reid, J. S. Rose, W. D. L. Sherron, W. S. A. Singh, D. G. Smith, D. K. R. Stewart, I. I. Tingley, R. V. Webber, S. G. Whiteaway.

Students who have taken Grade XII Chemistry and who wish to specialize in Chemistry should consult the department before registering.

1. **General Chemistry.**—Lect.: M., W. and F. at 9 a.m. Lab.: Tu., W.,* or Fa. at 2.30 to 5.30 p.m. W. H. Trost.

Prerequisite.—Matriculation Chemistry or Physics or Mathematics.

This class may be offered as a science elective for an Arts degree and must be taken by those planning to enter a science or professional course.

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

Prerequisite.—Chemistry 1.

Text Books: Bray and Lojander; A Course in General Chemistry. Chappin and Steiner; Second Year College Chemistry. Welch; Inorganic Qualitative Analysis.

The laboratory work of this class is a continuation of that of Chemistry 1 plus qualitative analysis and exercises in quantitative analysis. It is designed for those planning to enter professional courses. Those intending to continue with advanced Chemistry classes are required to take Chemistry 2.

3. **Elementary Physical and Inorganic Chemistry.**—Lect.: Tu., Fa. and S. at 10 a.m. Lab.: two afternoons per week. C. C. Coffin, C. A. Reilly.

Prerequisite.—Chemistry 1, Mathematics 1.

Text Books: Chappin and Steiner. Supplementary texts to be announced.

This class is designed for those who expect to continue with advanced classes in Chemistry and must be elected by those who intend to take an Honours course in Chemistry. (See Preliminary Courses, p. 39).

4. **Organic Chemistry.**—Lect.: M. and W. at 10 a.m. Lab.: W. or F., 2.30 to 5.30 p.m. W. J. Chute.

Prerequisite.—Chemistry 1.

Text Books: Wertheim; Text Book of Organic Chemistry. Adams and Johnson; Laboratory Experiments in Organic Chemistry.

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

Prerequisite.—Chemistry 2, Physics 1 or 3, Mathematics 2.

Books Recommended: Daniels; Physical Chemistry. Daniels, Mathews and Williams; Experimental Physical Chemistry. Handbook of Chemistry and Physics.

6. **Qualitative Organic Analysis.**—Lect.: Tu. and S. at 10 a.m. Lab.: M., 2.30 to 5.30 p.m. W. J. Chute.

Prerequisite.—Chemistry 3, 4 and 7. Chemistry 7 may be taken concurrently.

This class is a continuation of Chemistry 4. The laboratory work will consist of the identification of organic compounds.

Text Books: Wertheim; Textbook of Organic Chemistry. Steiner and Fourn; Identification of Organic Compounds.

7. **Inorganic Chemistry and Quantitative Analysis.**—Lect.: M. and W. at 11 a.m. Lab.: six hours per week. C. A. Reilly.

Prerequisite.—Chemistry 3.

Text Books: Kolthoff and Sandell. Supplementary text books to be announced.

8. **Advanced Quantitative Analysis.**—Conferences and Lab.: 9 hrs. per week. C. A. Reilly.

Prerequisite.—Chemistry 5, 6 and 7. Chemistry 6 may be taken concurrently.

The following classes are for Honours or Graduate students in Chemistry and others who satisfy the instructor that they are qualified. They are offered in alternate years and will be given only if sufficient number register. Each consists of two lectures or seminars and three hours of laboratory or problem work per week. The department notice boards should be consulted for details regarding the content of these classes.

111. (1950-51)—Organic Stereochemistry, Electronic Theory and Reaction Mechanisms. W. J. Chute.

112. (1949-50)—Carbohydrates and Naturally Occurring Substances. W. J. Chute.

113. (1949-50)—Chemical Kinetics and Photochemistry. W. R. Trost.

114. (1950-51)—Electrochemistry Thermodynamics and Phase Rule. W. H. Trost.

115. (1949-50)—Introduction to Chemical Physics I. C. A. Reilly.

116. (1950-51)—Introduction to Chemical Physics II. C. A. Reilly.

117. (1949-50)—Nuclear and Radiation Chemistry. C. C. Coffin.

118. (1950-51)—The States and Structures of Matter. C. C. Coffin.

Research

The work of these classes will consist of original investigation by students who have shown themselves qualified.

118. Undergraduate research for Honour students.

200. Graduate research.

Biochemistry

The class Biochemistry IA given in the Faculty of Arts and Science may be offered as an undergraduate elective. (See page 135).

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

Classics

Professor and Head of Department..... A. K. Griffin.
Assistant Professors..... J. A. Doull, M. O. Morgan.

Greek

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

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 an examination equivalent to Matriculation in Greek 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.

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

Text Books: White: *First Greek Book*. Xenophon: *Anabasis I* (Walton, MacMillan Co.)

1. *Tu., Th. and S.* at 10 a.m. and *W.* at 3.30 p.m. M. O. Morgan.

Prerequisite.—Matriculation or Elementary Greek.

Latin: *Verba Historica*, Euripides: *Iphigenia in Tauris*, Greek Grammar, Greek Prose, Exercises in sight translation, Greek literature.

Text Books: Lucian: *Five Dialogues* (R. E. Yates, Bell). Euripides: *Iphigenia in Tauris* (Meyers, Bell). North and Hillard: *Greek Prose Composition* (Rivington, London). Goodwin-Galick: *Greek Grammar* (Ginn). *Ancient Greek Literature* (Rivers, Home University Library O.U.P.).

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

Prerequisite.—Greek I.

Plato: *Apology and Cratylus*. Homer: *Odyssey IX, X, X¹, XII*. Greek Grammar, Greek Prose Composition, Exercises in Sight Translation, Greek History and Thought.

Text Books: Plato: *Apology and Cratylus* (Adam, Camb. U. P.). Homer: *Odyssey 6-XII* (Stanford, MacMillan, London). *Hellenic History* (Boulton, revised by Robinson, MacMillan, New York).

3. (1950-51). *M., W. and F.* at 12 m. M. O. Morgan.

Prerequisite.—Greek 2.

Hesiodus: *VI, VIII* (selected). Theophrastus: *I, II* (selected). Plato: *Republic I*. "Homer: *Odyssey V, VI*. Greek Prose, History of 5th Century B.C.

Text Books: Hesiodus: *VI, VIII G*. Strickon, MacMillan. Theophrastus: *I, II* (Merchant, MacMillan). *Proem to the Ideal Commonwealth of Plato* (Tucker, George Bell & Sons, London). Homer: *Odyssey I-XII* (Stanford, MacMillan, London).

4. (1949-50). *M., W. and F.* at 12 m. M. O. Morgan.

Prerequisite.—Greek 2.

Homer: *Iliad I, VI*. Euripides: *Medea, Electra*. Aristophanes: *Clouds*. "Homer: *Odyssey VII, VIII*. Greek Prose Composition, Exercises in Sight Translation, Greek Literature of 5th Century B.C.

Text Books: Homer: *Iliad*, Vol. I (Murray, Camb. U. P.). Euripides: *Medea* (Bayfield, MacMillan). *Electra* (Dennison, Ox. U. P.). Aristophanes: *Clouds* (Merry, Ox. U. P.).

5. (1950-51). Hours to be arranged.

Demosthenes: *Philippics I, III, Olynthians III*. Isocrates: *Philip*. Plato: *Republic II-IV*. "Homer: *Iliad, XXII-XXIV*. Greek Oration.

6. (1949-50). Hours to be arranged.

Euripides: *Hippolytus*. Sophocles: *Oedipus Rex*. Aeschylus: *Persians, Trachiniae*. Aristophanes: *Frogs*. Greek Drama.

7. Plato: *Republic I-X* (selected). Aristotle: *Ethics* (selected). Poetics. Aeschylus: *Agamemnon*. Lyric Poetry (selected). Greek Philosophical Ideas.

8. Aristotle: *Poetics* (selected). Theophrastus: *VI, VII*. Eudemus: *Opera* (selected). Sophocles: *Antigone*. Greek Political Ideas.

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.* at 11 a.m. and *M.* at 2.30 p.m.,
M. O. Morgan.

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

Text Books: Thompson, Tracy and Davis: *Essential Latin* (Clark, Iwata & Co.). Casso: *Latin War I* (Bell or MacMillan). *Verba Archaica I* (Bell or MacMillan).

1. (1) *M., W. and F.* at 11 a.m. (2) *Tu., Th. and S.* at 10 a.m.

Prerequisite.—Matriculation Latin.

Selections from Latin Authors. Latin Grammar. Latin Prose. Exercises in Sight Translation. Roman Life.

Text Books: *A Latin Reader* (A. Perini, Ox. U.P.). Allen and Greenough: *New Latin Grammar* (Ginn). North and Hillard: *Latin Prose Composition* (Rivington). *Roman Prose and Verse* (Hodge, MacMillan).

2. (1) *M., W. and P.* at 11 a.m. (2) *T., TA. and S.* at 10 a.m.
A. K. Griffin.

Prerequisite.—Latin 1.

Livy: *BB, XXI.* Catullus: Selections. Horace: *Odes (selected).*
*Vergil: *Aeneid VI.* Latin Grammar. Latin Prose. Exercises in Sight Translation. Background of Latin Life and Literature.

Text Books: Livy: Book XXI (Piper, Oxford). Catullus (Stangor, MacMillan). Horace: *Odes and Epodes* (Smith, Glenc). Vergil: *Aeneid VI* (Page, MacMillan). Allen and Greenough: *New Latin Grammar* (Glenc). North and Hildred: *Latin Prose Composition* (Stratton, Rome) (W. Ward Fowler, Home University Library, Ca. U.P.).

3. (1950-51). *T., TA. and S.* at 11 a.m. J. A. Doull.
Prerequisite.—Latin 2.

Pliny: *Letters (selected).* Juvenal: *Satires (selected).* Martial: *Epigrams (selected).* *Further Selections. Latin Prose Composition. Exercises in Sight Translation. Literature of the Early Empire.

Text Books: Pliny: *Selected Letters* (Weston, Allyn and Bacon, New York). Juvenal: *Satires* (Duff, Camb. U.P.). *One Hundred and Twenty Epigrams of Martial* (Weston, Allyn and Bacon, Boston).

4. (1949-50). *T., TA. and S.* at 11 a.m. J. A. Doull.
Prerequisite.—Latin 2.

Cicero: *Letters (selected).* Horace: *Satires and Epistles (selected).* *Further Selections. Literature of the Late Republic.

Text Books: Cicero: *Selected Letters* (Putnam, Heath). Horace: *Satires and Epistles* (Morris, Am. Book Co.).

5. (1950-51). *Hours to be arranged.* A. K. Griffin

Cicero: *Pro Milane (selected), Essays (selected).* Livy: *Books I, XXI.* History of the Late Republic.

6. (1949-50). *Hours to be arranged.* A. K. Griffin.

Plautus: *Menaechmi.* Terence: *Adelphi.* Tibullus (selected). Vergil: *Elogues, Georgics (selected).* Ovid (selected). Poetry of the Republic.

7. Horace: *Epistles, Ars Poetica.* Petronius: *Onna Trimalchionis.* Seneca: *Apocolocyntosis Divi Claudii.* Quintilian: Book X. Tacitus: *Annals, I, II.*

8. Plautus: *Rudens.* Lucrétius: Two books. Vergil: *Aeneid.* Four books. Cicero: *De Officiis II, Philippics II.*

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

Selections from Caesar; Gallie Wars. Webber: Latin Authors. Latin Prose Composition and sight translation. Lectures in Roman Private Life and 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: De Bello Gallico (Hobbes, Ca. U.P.). Webber: *Third Year Latin.* Rome (W. Ward Fowler, Home University Library, Ca. U.P.).

Classical Civilization

1. Political Ideas and Institutions of Ancient Greece.—(1950-51)

Two hours a week, to be arranged.

M. O. Morgan

Prerequisite.—This is an advanced class. For its students should have completed Political Science 1, Philosophy 1, and one class in History or a second class in Political Science. In any case they are asked to get the permission of the instructor to enter.

In this class the development of Greek political ideas and institutions will be studied with particular attention to the ideas of Plato and Aristotle and the Institutions of Athens, Sparta, and the various Leagues; also the economic basis of such Institutions and the extent of our debt to Greece in political thought and practices.

2. Political Ideas and Institutions of Ancient Rome.—(1949-50)

Two hours a week, to be arranged.

M. O. Morgan.

Prerequisite.—The same applies as in the above class, except that Philosophy 1 may be omitted.

In this class the development of Roman Political Ideas and Institutions both under the Republic and the Empire will be studied with particular attention to the Roman system of Provincial Administration; also the economic basis of the Empire and the extent of Rome's contribution to modern political ideas and practices.

3. Classical Life and Literature.—*T., TA. and S.* at 9 a.m.

In this class the background and culture of ancient Greece and Rome will be studied mainly in the following translations of classical authors, Homer: *Iliad*, four books; Odysse, four books; Aeschylus, one play; Sophocles, one play; Euripides, one play; Aristophanes, one play; Thucydides, two books; Demosthenes, two speeches; Plato, two dialogues; Plautus, one play; Terence, one play; Livy, two books; Cicero, two speeches; Vergil: *Aeneid*, six books.

Text papers and essays will be set each week.

Text Books: Homer: *Iliad and Odyssey* (Everyman's Library). Vergil: *Aeneid* (World's Classics). Ward Fowler: *Rome* (Home University Library, Ca. U. P.).

Prerequisite.—Latin 1.

Honour Courses

The following Honour Courses are offered by the Department of Classics in accordance with the general University scheme of Honour Courses.

1. Greek and Latin.

Preliminary Classes: Latin 1 and 2; Greek 1 and 2. (Special consideration will be given to students who are backward in Greek owing to the fact that they could not obtain it in High School and were forced to begin its study in the University.)

Candidates taking the Honour Course in Greek and Latin are required to take seven advanced classes in their third and fourth years, as recommended by the Department, as e.g. Latin 3 or 4, Latin 5 or 6, Latin 7; Greek 3 or 4, Greek 5 or 6, Greek 7; also either Latin 8 or Greek 8.

2. Latin.

Preliminary Classes: Latin 1 and 2.

Candidates taking the Honour Course in Latin are required to take seven advanced classes in their third and fourth years, as recommended by the Department, as e.g. Latin 3, 4, 5, 6, 7 and 8. They will be further required to pass at least Elementary Greek and Greek 1.

3. Greek.

Preliminary Classes: Greek 1 and 2.

Candidates taking the Honour Course in Greek are required to take seven advanced classes in their third and fourth years, as recommended by the Department, as e.g. Greek 3, 4, 5, 6, 7 and 8. They will be further required to pass at least Elementary Latin and Latin 1.

The above Honour Courses require a comprehensive examination covering the Honour work at the end of the course. In order to pass this examination successfully, it will be necessary for the student to have:

- A critical knowledge of the books prescribed in the courses.
- Ability to translate from English into Latin or Greek prose, as the case may be; also ability to translate at sight passages from Latin or Greek works not prescribed.
- A knowledge of the history of Greek or Latin literature, and a knowledge of Ancient Life.
- A knowledge of Ancient History and Philosophy forming the background of the works studied.

The following reference books are suggested, all of which may be obtained from the University Library, although the student will want to own many of them himself.

History: Rotford-Robinson, Hellenic History; Book, A History of Rome to 565 A.D.; Nilsson, Homer and Mycenae; Tarn, Hellenistic Civilization; Frank, Roman Imperialism; Mommsen, The History of Rome; Cochrane, Thucydides and the Science of History.

Literature: Sinclair, A History of Greek Literature; Murray, The Rise of the Greek Epic; Norwood, Greek Tragedy; Norwood, Greek Comedy; Haigh, The Tragic Drama of the Greeks; Frank, Life and Literature in the Roman Republic; Duff, Roman Nature; Summers, The Silver Age of Latin Literature.

Philosophy: Burnet, Greek Philosophy, Thales to Plato; Taylor, Socrates; Windelband, History of Philosophy; Livingstone, The Mission of Greece.

General: Zimmern, The Greek Commonwealth; Murray, Five Stages of Greek Religion; Carcopino, Daily Life in Ancient Rome; Fowler, Social Life at Rome in the Age of Cicero; Tucker, Life in Ancient Athens; The Legacy of Greece; The Legacy of Rome; Companion to Greek Studies; Companion to Latin Studies.

Commerce

Professor..... R. S. Cumming (*Head of Dept.*)
Associate Professor..... J. E. Lloyd
Special Lecturer..... H. Churchil-Smith.

1. Accounting 1.—*Lect.:* Tu. and Th. at 2.30 p.m. *Lab.:* W. at 3.30 p.m.

Elementary accounting for trading organizations; essential elements of contract, partnership, and corporation law; introduction to elementary auditing procedures.

2. Accounting 2.—*Lect.:* M. and W. at 9 a.m. *Lab.:* Th. at 3.30 p.m.

Prerequisite.—Commerce 1.

Corporation accounting, manufacturing accounts, and advanced auditing procedures; review of Canadian corporation law.

3. Accounting 3.—*Lect.:* M. and W. at 2.30 p.m.

Prerequisite.—Commerce 2.

Advanced problems in accounting and essential elements of public utility, governmental, trust and loan, taxation, and stock brokerage accounts.

4. Accounting 4.—*Lect.:* M. at 3.30 p.m.

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

Duties and legal responsibilities of professional accountants; special investigations.

5. Industrial Organization.—*M., W. and F. at 10 a.m.*

6. Marketing.—(1950-51). *Tu., Th. and S. at 11 a.m.*

Prerequisite.—Economics 1.

7. Economic Geography.—(1949-50). *Tu., Th. and S. at 11 a.m.*

Prerequisite.—Economics 1.

8. Modern Economic History.—(1949-50). *Tu. and Th. at 9 a.m.*

Prerequisite.—Economics 1.

9. Special Studies in Economic and Business Problems.—(1949-50). *Tu. at 3.30 p.m.*

Prerequisite.—Economics 1 and the consent of the instructor.

10. 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 the other departments of the Faculty of Arts and Science. (See p. 37).

The Institutes of Chartered Accountants of Nova Scotia, New Brunswick and Prince Edward Island grant favourable concessions to graduates in Commerce of this University who are seeking the diploma in Chartered Accountancy. The classes in Commerce 3 and 4 are designed to provide an equivalent course of instruction required of third year students in Chartered Accountancy.

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

Economics and Sociology

Economics

Professors..... W. R. Maxwell (*Head of Dept.*), S. H. Prince,
Assistant Professor..... J. F. Graham.

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

2. Money, Banking and International Trade.—(1950-51). M.,
W. and F. at 9 a.m. W. R. Maxwell.

Prerequisite.—Economics 1.

3. Labour Problems and Trusts.—(1949-50). M. and W. at 11 a.m.
S. H. Prince.

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

4. Economic Theory.—(1949-50). M. and W. at 11 a.m.
W. R. Maxwell.

Prerequisite.—Economics 1.

5. Programmes of Social Reconstruction.—Tu. and Th. at 10
a.m.

Prerequisite.—Economics 1.

6. Government and Business.—M. and W. at 11 a.m.

Prerequisite.—Economics 1.

A seminar course covering such subjects as collective bargaining, mediation and arbitration, recent federal and provincial labour codes, labour market surveys, and organization of industrial relations work in large and small companies.

The course is for advanced and graduate students by special admission through the instructor.

8. Public Finance.—(1950-51). Tu. and Th. at 10 a.m.

Prerequisite.—Economics 1.

9. Economic Statistics.—Lect.: Th. at 3.30 to 5.30 p.m. Lab.: F. 9 to
11 a.m., or M. 7.30 to 9.30 p.m. J. F. Graham.

Prerequisite.—Economics 1 and Mathematics 1.

10. Seminar.—(1950-51). Tu. and Th. at 9 a.m. W. R. Maxwell.

Prerequisite.—Economics 1 and the consent of the instructor.

*Economics 11 and 12.—These are the special classes for Honour students prescribed in the regulations governing Honour Courses.

13. The National Income and its Fluctuations.—Tu. 3.30 to
5.30 p.m.

Prerequisite.—Economics 1 and the consent of the instructor.

Seminar course devoted to the study of concepts of national income and theories of fluctuations in national income and employment. Readings from Hicks, Kuznets, Keynes, Hansen and others.

14. Seminar.—(1949-50). Tu. and Th. at 9 a.m. W. R. Maxwell.

Prerequisite.—Economics 1 and the consent of the instructor.

Sociology

Professor S. H. Prince.

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

Text Books: Lumley: *Principles of Sociology* (2nd Ed.). Gillin and Gillin: *An Introduction to Sociology*. Park and Burgess: *Introduction to the Science of Sociology*. MacIver: *Society: A Text Book of Sociology*.

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

2. **The Modern Community.**—(1949-50). Tu, and Th, at 2.30 p.m.
Prerequisite.—Sociology I or Economics I.

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

Text Books: Ogburn and Neumaner: *The Community and Society*. Thompson: *Population Problems*. Ellens and Merrill: *Social Organization*.

Reference Books: Wright: *Population*. Tonnies: *Social Problems* (Revised Ed.). Durkheim: *Principles of Sociology*. Sorokin and Zimmerman: *Parasitic Urban Societies*. Fairchild: *Immigration*. Also topical bibliography supplied in class.

3. **Social Institutions.**—(1950-51). M, and W, at 12 m.

Prerequisite.—Sociology I or Economics I.

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

Text Books: Hensler: *Social Institutions*. Suttner: *Social Institutions, Origin, Growth and Interaction*. Linsberg: *Holidays and Wharves: Social Institutions of the Simple Peoples*. Malin-Lorr: *History of Social Development*.

4. **Social Legislation.**—(1950-51). Tu, and Th, at 2.30 p.m.

Prerequisite.—Sociology I or Economics I.

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

Text Books: Calvert: *Principles of Social Legislation*. Jencks: *Government of Labor for Social Welfare*. Krieger: *Science of Public Welfare*. Strong: *Public Welfare Administration in Canada*. Suttner: *Social Insurance*. Lipman: *Public Opinion*. Stewart: *Canadian Labour Laws*.

Reference Books: Ebert: *Mechanics of Law-making*. Cooley: *Legislative Experience*. Revised Statutes of Canada.

Anthropology

5. **Anthropology**—(1949-50). M, and W, at 12 m.

Prerequisite.—Sociology I or Economics I.

(i) Human origins

(ii) Beginnings of Civilization

(iii) The Anthropology of Race, Language and Culture.

Text Books: Schiller: *Physical Anthropology*. Kroeber: *Anthropology*. Mandler: *Introduction to Social Anthropology*.

Reference Books: Kroeber and Waterman: *50000 Years of Anthropology*. Lewis: *Primitive Society*. Tuzart: *Social Origins*. Goldsworthy: *Early Civilization*.

6. **Social Theory.**—(1950-51). Hours to be arranged.

Prerequisite.—Sociology I.

Text Book: Lickson: *On Development of Social Theory*.

Additional readings prescribed from Giddings, Briant, Bourdieu, Barzant and other writers on historical sociology.

Public Administration.

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

Social Work

Students looking forward to professional training in the Maritime School of 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.

Education

Professor A. S. Mowat.

All Education courses, except Education I, are largely professional in content, and registration is all but Education I is restricted to candidates for the Diploma in Education.

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

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

Text Books: A. C. and G. H. Hughes: *Learning and Teaching*

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

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: Paul Monroe: *A Brief Course in the History of Education*.

B. **Comparative Education.**—M, and W, at 10 a.m. (Spring).

A study of modern school systems in selected countries.

Books of Reference: I. K. Kandel: *Comparative Education*. P. Stanfield: *Comparative Education*. The Year Books of Education (Evans).

3. **A. Educational Psychology.**—Tu, and W, at 9 a.m.

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

Text Book: H. E. Garrett: *Great Experiments in Psychology*.

Books of Reference: Cyril Burt: *The Young Delinquent*. Cyril Burt: *The Backward Child*. W. McDougall: *The Emergence of Man*.

E. **The Teaching of School Subjects.**—Tu, 10 a.m. to 12 m. and W., 2 to 5 p.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. Three hours per week will be spent on practical projects, testing, visits to schools, etc. This period will normally be held on Wednesday afternoons.

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 in 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 \$15 is payable at registration.

Text Book: Handbook in the Course of Study for Nova Scotia.
Book of Reference: Frank Smith: *The Technique of Class Teaching*.

4. **A. Guidance.**—Th., 9 a.m. to 12 m.

This is a course in the techniques of Guidance and the various instruments of measurement used in Guidance including Intelligence and Scholastic Tests and tests of Interests and Personality. It also includes elementary work on the theory of Examinations and on Statistical Methods employed in Educational Experiment and Investigation.

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 Books: H. V. Marshall: *An Introduction to Tests and Testing*
Books of Reference: H. E. Garrett: *Statistics in Education and Psychology*. Gross, Jorgensen and Gerbasi: *Measurement and Evaluation in the Elementary and Secondary School*. Arthur Jones: *Guidance*.

B. Seminar.—F. at 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 F. at 9 a.m.

Leading up to the Examination for the Certificate of Physical Training of the Department of Education of Nova Scotia.

B. Theory.—Time to be arranged.

Theory of Physical Training. Hygiene, Human Anatomy and Physiology.

Embryology; see Biology

ENGINEERING CLASSES

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

Professor..... H. R. Thonkston (*Head of Dept.*)
Associate Professor..... W. H. Bowes
Assistant Professor..... A. F. Chisholm

Drawing

1. Engineering Drawing.—Lect.: Tu, Th, and S. at 9 a.m. Lab.: Tu, and Th, 2.30 to 5.30 p.m. H. R. Thonkston, A. F. Chisholm.

This class may be offered as an elective for students proceeding to the degree of Bachelor of Science.

Text Book: French: *Engineering Drawing*.

2. Descriptive Geometry.—Lect.: Tu. at 11 a.m. Lab.: W., 2.30 to 5.30 p.m. H. R. Thonkston, W. H. Bowes.

Prerequisite.—Drawing 1 (may be taken simultaneously).

Text Book: Warner: *Applied Descriptive Geometry*.

3. Applied Descriptive Geometry.—F., 2.30 to 5.30 p.m.

H. R. Thonkston.

Prerequisite.—Drawing 1 and 2.

Reference Books: French: *Engineering Drawing*. Warner: *Applied Descriptive Geometry*.

Mechanics

2. Analytical Mechanics.—M, W, and F, at 9 a.m. W. H. Bowes.

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: Bressi: *Engineering Mechanics*.

3. Graphical Statics.—Lect.: M. at 2.30 p.m. Lab.: M., 3.30 to 5.30 p.m. W. H. Bowes.

Prerequisite.—Drawing 1, Physics 2 (may be taken simultaneously).

Text Book: Parker: *Notes of Real Trusses*.

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

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

Text Book: Galloway: *Kinematics of Machines*.

5. Materials of Construction.—F. at 11 a.m. A. F. Chisholm.

Text Book: Moore: *Materials of Engineering*.

Surveying

1. **Elementary.**—Tu. at 10 a.m. One lecture per week to first year students in preparation for the Surveying Camp. A. F. Chisholm.

Prerequisite.—Matriculation Mathematics.

Text Book: Kiser: *Surveying*.

Surveying Field Work. About three weeks immediately preceding the opening of the seasonal lectures.

2. **Lect.:** Tu. at 11 a.m. Lab.; Tu., 2.30 to 5.30 p.m. A. F. Chisholm.

Prerequisite.—Surveying 1, Drawing 1, Mathematics 1 and 2. (Mathematics 2, however, may be taken simultaneously).

Text Book: Beard and Houser: *Elementary Surveying*

Mathematics Problems.—M., 2.30 to 4.30 p.m.
A. F. Chisholm and J. G. Adahad.

English Language and Literature**

Professors.....C. L. Bennet (*Head of Dept.*), Burns Martin.
Associate Professor.....C. L. Lambertson.
Assistant Professor.....A. R. Boyan.

English 1.—M., W. and F. of 12 m. C. L. Lambertson and A. R. Boyan.
English 1A.—M., W. and F. of 12 m. Burns Martin.
English 1 in two sections.

Prerequisite.—Matriculation English.

Except by special permission, only one of English 1 and 1A may be counted for a degree. Both may be counted towards the Engineering Diploma.

Text Books: To be announced.

1. (For students taking a first year class in English for a degree in Arts, Science or Commerce.)

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

Text Books: *College Survey of English Literature*; *Language in Action*

1A. A pre-professional class for students not proceeding to a degree in Arts or Science and for others by permission of the instructors.

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

Text Books: *Language and Writing: A Modern Reader*; *Bevan: Thinking for Yourself*; *Grant, Brainer, and Dull: Grammar and Practice in Writing, Form B*. Outside reading to be announced.

2. **The Renaissance; Shakespeare; Milton; The Bible in English Literature.**—M., W. and F. of 12 m. C. L. Bennet.

Prerequisite.—Complete Matriculation; and English I or an equivalent class.

Text Books: *Harold Craig: Shakespeare (Plans and Commentary)*; *Milton: Selected (ed. Bradford)*; *The Pocket Bible*.

Plays for special study: *King Richard III*; *Twelfth Night*; *Macbeth*; *The Winter's Tale*. For Distinction: *A Midsummer Night's Dream*; *King Henry IV, pt. 1*; *King Lear*; *The Tempest*. An essay to be assigned by the instructor.

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

Reference book for theme-correction: *Forster and Bradman: Writing and Thinking*.

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

3. **Middle English.**—(1930-51). Hours to be arranged.

C. L. Lambertson.

Prerequisite.—English 2. Primarily for Honour and Graduate Students.

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

Text: *Chaucer (ed. Robinson)*; *Piers Plowman (B. Text)*; ed. Sherril; Selected readings from assigned Middle English texts.

**Changes or additions may be announced before the beginning of the term.

4. Nineteenth Century Literature.—(1950-51). *Ta. and Tā. at 11 a.m.*

Prerequisite.—English 2.

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

The Pro-Romantic Poets: Wordsworth; Coleridge; Shelley; Keats; Byron; Scott; Hailli; Lamb; deQuincy.

Texts and Text Book: *Poetry and Prose of the Romantic Movement* (Wood); or, *English Romantic Poets* (Stephens, Book and Study).

For Distinction: An essay on a subject assigned by the instructor.

5. Nineteenth Century Literature.—(1949-50). *Ta. and Tā. at 11 a.m.*

C. L. Bennett.

Prerequisite.—English 2.

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

Text Books: *Carlyle: Savoir Reverier* (ed. MacMichael); *Poetry of the Victorian Period* (ed. Wood); or *Victorian and Later Poets*, ed. Stephens, Book and Study.

Reference Books: *Salisbury, History of Nineteenth Century Literature*; Chesterton: *Victorian Literature*; Elliot: *Survey of English Literature*, 1830-1880.

For Distinction, as in English 4.

***6. Old English.**—(1949-50). *Hours to be arranged.* C. L. Lamberton.

For Honour and Graduate students, and others by special permission.

Students intending to take this class must arrange for preparatory reading during the summer.

Texts: *Wyatt: An Anglo-Saxon Reader*; *Smith: An Old English Grammar and Reader*. Sight translation from easy texts.

***7. Elizabethan Drama.**—(1950-51). *M. and W. at 9 a.m.*

Burns Martin.

Prerequisite.—English 2.

Summer reading is required, for which direction must be obtained from the instructor.

Text Book: *Hamlet* Spencer; *Elizabethan Plays* (Beauch). A complete Shakespeare; the Kitzinger edition is highly recommended.

8. Canadian and American Literature.—(1949-50). *Ta., Tā, and S. at 9 a.m.*

Burns Martin.

Prerequisite.—English 2.

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

Texts: Ellis, Pound and Spiller: *A College Book of American Literature, Brief Course*. (In Canada, W. J. Gray & Co., Toronto).

A. J. M. Smith: *The Book of Canadian Poetry*. (Gray & Co.).

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

9. Drama.—(Not given in 1949-50). C. L. Bennett.

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 unless a sufficient number of qualified students shall apply.)

11. Modern Poetry.—(1950-51). *M. and W. at 11 a.m.*

C. L. Lamberton.

Prerequisite.—English 2.

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

Texts: *University: Modern British and Modern American Poetry* (two-volume ed.).

***12. The History, Theory and Methods of Literary Criticism.**—(1950-51). *Hours to be arranged.*

C. L. Bennett.

Prerequisite.—English 2.

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

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

Texts: *English Critical Essays*, "World's Classics," 249, 306, 406.

13. The History of the English Language.—(1945-50). *M. and W. at 11 a.m.*

C. L. Lamberton.

Prerequisite.—English 2.

An introduction to the historical study of the sounds, words and forms of English, with emphasis on modern Semantics and the language of literature. Texts and Readings to be assigned. This class is suitable for those who expect to offer English as one of the requirements for the Academic Licence issued by the Department of Education of the Province of Nova Scotia.

Text: *Haugh: History of the English Language*.

For Reference: *To be assigned*.

14. Poetry and Prose of the English Renaissance.—(1949-50). *M., W. and P. at 9 a.m.*

Burns Martin.

Prerequisite.—English 2.

Text Books: *To be assigned*.

15. English Literature in the Eighteenth Century.—(1950-51). *Ta. and Tā. at 9 a.m.*

Burns Martin.

Students intending to take this course are strongly advised to consult the instructor for summer reading.

Text Books: *Shepard and Wood: English Prose and Poetry, 1660-1800* (Houghton, Mifflin). *Novels and plays of the period*.

16. The English Novel since 1800.

Burns Martin.

*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 selected: Chaucer; Spenser; Shakespeare; Milton; Dryden; Wordsworth; Arnold; Browning.

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

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

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

Burns Martin.

*20. **Restoration and Early Eighteenth Century (Seminar).**

A. R. Bevan.

21. **Elective Undergraduate Class**—(To be announced). A. R. Bevan.

Fine Arts

Lecturer..... Donald C. Mackay.

W. and F. at 4.30 p.m.

This class, consisting of about fifty illustrated lectures, will give an outline of the development of sculpture, painting, architecture and the minor arts, with an analysis of their structure and 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 Assistants..... W. L. Davison, J. W. D. Johnston.

1. **General Geology.**—Lect.: M., W. and F. at 10 a.m. *Field work and Lab.: Tu. and F. afternoons beginning at 2.30 p.m. Field work commences at 2 p.m. (One afternoon a week is the full requirement.)*

2. **Mineralogy.**—Lect.: Tu. and Th. at 10 a.m. *Lab.: Two periods to be arranged.*

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 3.

6. **Advanced Ore-deposits.**—Conference 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

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 Lecturers.....D. C. Harvey.
Lecturer.....John P. Heider.

1. **History of Europe since the Fall of the Roman Empire.**—*M., W. and F. at 9 a.m.* G. E. Wilson.

2. **Ancient History.**—(1949-50, and in alternate years). *M., W. and F. at 10 a.m.*

Prerequisite.—History 1.

3. **Modern England.**—(1950-51, and in alternate years). *M., W. and F. at 10 a.m.* A. S. Walker.

Prerequisite.—History 1.

4. **History of Europe since 1815.**—(1950-51, 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.**—(1949-50, 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.

J. M. Thompson: *The French Revolution*, and either A. Fournier: *Napoleon I* or J. H. Ross: *The Life of Napoleon I*.

6. **England under the Tudors.**—(1949-50, and in alternate years). *M. and W. at 2.30 p.m.* A. S. Walker.

Prerequisite.—Two classes in History.

7. **The Fourteenth Century.**—(1950-51, and in alternate years). *M. and W. at 2.30 p.m.* A. S. Walker.

Prerequisite.—Two classes in History.

8. **History of Canada.**—(1949-50). *Tu., Th. and S. at 10 a.m.* J. P. Heider.

Prerequisite.—History 1.

*9. **A Period in Modern History.**—(1949-50). *Hours to be arranged.* G. E. Wilson.

For Honour and M.A. students.

*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.**—(1950-51). *M., W. and F. at 10 a.m.* J. P. Heider.

Prerequisite.—History 1.

12. **History of the United States since 1865.**—(1949-50). *M., W. and F. at 10 a.m.* J. P. Heider.

Prerequisite.—History 1.

13. **History of the Early Aegean: Its Art and Civilization.**

14. **Renaissance and Reformation.**—(1949-50). *M., W. and F. at 2.30 p.m.* J. P. Heider.

Prerequisite.—Two classes in History.

15. **English Constitutional History.**—*Tu., Th. and S. at 9 a.m.*

Prerequisite.—History 1.

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

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

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..... J. G. Adhead, Charles Walsley.
Associate Professors..... J. G. Adhead, Charles Walsley.
Lecturers..... H. Edwards-Davies, I. A. MacLennan.

1. **Elementary Mathematical Analysis.**—*M., W. and F.* at 10 a.m.; *M., W. and F.* at 11 a.m.; *Tu., Th. and S.* at 10 a.m.
J. G. Adhead, H. Edwards-Davies, I. A. MacLennan.

Prerequisite.—Matriculation Algebra and Geometry.

Algebra, including coordinates, 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: *Mississippi State.*

2. **Calculus.**—(1) *M., W. and F.* at 11 a.m.; (2) *M., W. and F.* at 9 a.m.; (3) *M., W. and F.* at 10 a.m.
C. Walsley, I. A. MacLennan.

Prerequisite.—Mathematics 1.

Coordinates in two and three dimensions, including revision of plane and spherical trigonometry. Conics. Differential and integral calculus.
Text Books: Graville, Smith and Longley: *Differential and Integral Calculus* (1945), Chapters I-XV.

3. **Analysis.**—*Tu. and Th.* at 11 a.m. C. Walsley.

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: Graville, Smith and Longley: *Differential and Integral Calculus* (1945), Chapters XVI-XVII. Walsley: *Mathematical Analysis*.

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

Prerequisite.—Mathematics 2.

The geometrical aspects of Calculus, with particular reference to three-dimensional ideas and applications to Geometry, Mechanics and Physics, and including quadric surfaces, partial differentiation, multiple and line integrals, Green's theorem, etc.

Text Books: Graville, Smith and Longley: *Differential and Integral Calculus*. Oppelt: *Advanced Calculus*. Birtles and Torrison: *Higher Mathematics*.

34. **Tu., Th. and S.** at 11 a.m. J. G. Adhead.

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 Book: Graville, Smith and Longley: *Differential and Integral Calculus*.

Senior Classes

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

3. Theory of Functions of a Complex Variable.—(1950-51).

C. Walsley.

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.

Books: Titchmarsh: *Theory of Functions*. Volume: *Theorie der Funktionen*. *Grundlehren der Mathematischen Wissenschaften*. Vol. 17. Koenig: *Funktionentheorie*. MacRobert: *Functions of a Complex Variable*. Works by Hurwitz, Carathéodory, Whittaker and Watson, Pierpont, Bieberbach etc.

7. Theory of Functions of a Real Variable.—(1949-50).

C. Walsley.

Elements of sets of points, convergence of double and simple series, summation of divergent series, Fourier series, Lebesgue integration.

Books: Titchmarsh: *Theory of Functions*. Volume: *Théorie des Fonctions Réelles*. Kooppe: *Einführung in die Theorie der Funktionen einer Reellen Variablen*. Works by Hobson, Borel, Eppstein, Lebesgue, Saks, Hardy, Neuman, Goursat.

12. Differential Equations.—(1949-50).

J. G. Adshad.

This course will take up the work of differential equations as begun in Mathematics 2 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 equations of Bessel and Legendre.

Text Books: Poincaré: *Differential Equations*. Ince: *Ordinary Differential Equations*. Frobenius: *Lineare Differential Equations*. Agar: *Differential Equations*. MacRobert: *Spherical Harmonics*. Hobson: *Spherical and Ellipsoidal Harmonics*. Gray and Matheson: *Treatise on Bessel Functions*.

*3 and *4. These are the third and fourth year classes presented on page 40 for Honours students in Mathematics.

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.

6. Projective Geometry.

J. G. Adshad.

Text Book: Grassman: *Introduction to Higher Geometry*. Books by Young, Veale and Young.

8. Differential Geometry of Curves and Surfaces.

Text Books: Grassman: *Differential Geometry*. Books of reference by Veale-Poussin, Courant, 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 those subjects by the Faculty, are recognised as qualifying for a degree in Arts when offered by a student taking the affiliated course in Medicine.

Modern Languages

Professors.....	Germaine Lafaille.
Associate Professor.....	C. H. Mercer.
Lecturers.....	Johanna Richter.
Special Lecturer.....	H. F. Aikens.
Instructor in French.....	H. F. Aikens.

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.—*Tu., Th. and S. at 12 m.* (provisionally).

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

Text Books: *To be assessed.*

1. (1) *Tu., Th. and S. at 9 a.m.*; (2) *Tu., Th. and S. at 10 a.m.*; (3) *Tu., Th. and S. at 11 a.m.* H. F. Aikens.

Prerequisite.—Matriculation French.

Text Books: *To be assessed.*

2. **General Introduction to Literary and Daily French.**—(1) *M., W. and F. at 10 a.m.*; (2) *Tu., Th. and S. at 9 a.m.* G. Lafaille.

Prerequisite.—French I.

This course is designed to develop ability to speak, understand and read French. Attention will be given to both practical and literary aspects of French.

3. **Oral and Written Self-expression and practice.**—*Tu. and Th. at 3.30 p.m.*

This course should be the next step for the students of French 2 who wish to carry on with oral and practical use of French as an ultimate objective.

Questions discussed in class: France; country, people and life; practical philosophy and attitude of the French. Convenient books and material will be chosen at the beginning of the year.

6. **General Survey of French Thought and Literature.**—*Tu. and Th. at 10 a.m.* G. Lafaille.

This course is recommended to students interested in Literature as a useful introduction to more specialized classes. A comprehensive anthology of French texts will be used.

7. **Twentieth Century French Literature.**—*W. and F. at 10 a.m.*

8. **Old French.**—*Hours to be arranged.* G. Lafaille.

This class will be offered only for five or more students.

N.B.—French, 3, 6, 7 will be conducted entirely in French. French 2 will be partly in English, partly in French.

5. **The Renaissance in France. History of French Literature during the 16th Century.**—*W. and F. at 9 a.m.* G. Lafaille.

This class will be offered only for five or more students.

- General Phonetics.**—*Two lectures a week. Hours to be arranged.* H. F. Aikens.

Prerequisite.—University classes in two modern languages (a class in English dealing with linguistic problems may be offered as part of this requirement).

Of interest to those wishing to specialize in problems of pronunciation, particularly those who plan to teach a language. The course includes a study of the vocal organs; description and classification of speech sounds in general, with special attention, if desired, to certain sounds peculiar to French, Spanish, German and English; and familiarization with the use of phonetic symbols.

German

- A.—(1) *M., W. and F.* at 11 a.m.; (2) *Tu., Th. and S.*, at 11 a.m.
J. Richter.

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 a credit towards a degree.

- 1.—*Hours to be arranged.*

Prerequisite.—Matriculation German.

This course is designed to familiarize the students with spoken and written German. Short pieces of German Literature will be read.

- 2.—*M., W. and F.* at 9 a.m. J. Richter.

Prerequisite.—German A or I.

This course is meant to develop facility in reading, writing and speaking German. A general introduction to German Literature will be given.

3. **Science Reading.**—*Tu., and Th.* at 12 a.m.

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

This course is designed to enable science and pre-medical students to use scientific texts.

- 4.—*M., W. and F.* at 10 a.m., or *Hours to be arranged.* J. Richter.

The aim of this course is to familiarize the students with the artistic qualities of German literary prose. A collection of short stories as examples of literary movements will be read and their composition and style analysed. Short essays will be written. This course should be taken as an introduction to more specialized classes in German literature.

Students intending to take this course are advised to see the instructor for summer reading.

5. **German Literature and Thought in the Eighteenth Century.**—(1949-50). *Tu. and Th.* at 10 a.m., or *Hours to be arranged.* J. Richter.

Special emphasis will be placed on Goethe's *Thought*. Poetry, prose and drama will be read.

Students intending to take this class must arrange for summer reading.

6. **German Literature and Thought in the Nineteenth Century.**—(1951-52). *Tu. and Th.* at 10 a.m., or *Hours to be arranged.* J. Richter.

Of the dramatists of that period Kleist and Hebbel will be read, and of the novelists and lyricists, Schiller, Storm, Gottfried Keller, Fontane.

Summer reading is required.

7. **German Literature and Thought in the Twentieth Century.**—(1950-51). *Tu. and Th.* at 10 a.m., or *Hours to be arranged.* J. Richter.

Gerhart Hauptmann, Thomas Mann,—Rainer Maria Rilke—Hermann Hesse will be read.

Preparatory reading during the summer necessary.

8. **German Mediaeval Literature.**—(1951-52). *Hours to be arranged.* J. Richter.

This course will not be given unless a sufficient number of students offer.

9. **History of the German Language.**—*Hours to be arranged.*

N.B.—German 5, 6, 7, 8 will be conducted entirely in German. German 1, 2 and 4 will be partly in English and partly in German.

All prospective Honour students ought to consult the department as early as possible in their course.

Italian

1. *Three hours a week, M., W.* at 2:30 p.m.

Prerequisite.—Elementary Latin or Latin I and one Romance Language (French or Spanish).

Books: *To be announced.*

Russian

Elementary Russian.—*Three hours a week, times to be arranged, plus a half hour's conversation.* I. Coffin, A. K. Griffin.

This class is intended for those beginning the study of the Russian language. It may be counted as a credit towards a degree by those students who enter it with complete matriculation standing.

Text Books: *Samsonoff, A New Russian Grammar, A First Russian Reader* (J. M. Dent & Sons, London, and E. F. Dutton & Co., New York).

- Russian 1.—*Three hours a week, times to be arranged.*

Prerequisite.—Elementary Russian.

Selections from Russian Authors, Russian Grammar, Russian Composition, Russian Conversation.

Text Books: *Samsonoff, A New Russian Grammar*, (J. M. Dent & Sons, London, and E. F. Dutton & Co., New York), G. E. Patrick, *An Elementary Russian Reader, An Intermediate Russian Reader*, (McClelland, Pittman & Sons (Canada) Ltd.).

- Scientific Russian.—*Three hours a week, times to be arranged.*

This class is intended for those beginning the study of Russian, who wish to read scientific articles as quickly as possible. It is expected that with steady application they will be able to do so, with the aid of a dictionary, in a single academic year.

Text Books: *A grammar to be prescribed, Elementary Scientific Russian Reader* (Zemsky Str Isaac Pitman & Sons (Canada) Ltd.).

Higher work in Russian may be arranged by consultation with the instructor.

Spanish

Spanish Matriculation.—*Tu., Th. and S. at 10 a.m.* C. H. Mercer.

Text Books: *House and Mayor: Shorter Spanish Grammar* (Ginn), *Forester and Lohé: France & Mexico* (Heath), *Castile and Spoken Spanish: Spanish Legends* (Heath), *Spanish Work Book.*

Spanish IA.—(1) *M., W. and F. at 9 a.m.*
(2) *M., W. and F. at 10 a.m.* C. H. Mercer.

Prerequisite.—Complete matriculation standing including two foreign languages. Spanish IA covers matriculation Spanish with sufficient additional work to give credit for a University class towards a degree.

Text Books: *Lodge: Spanish for Conversation* (Ginn), *Spanish Legends* (Heath), *Excursions* (Heath), *Spanish American Short Stories* (Macmillan), *Spanish Work Book.*

1. *Tu., Th. and S. at 9 a.m.* C. H. Mercer.

Prerequisite.—Matriculation Spanish.

Text Books: *Lodge: Spanish for Conversation* (Ginn), *Spanish American Short Stories* (Macmillan), *Spanish Work Book.*

2. *Tu., Th. and S. at 11 a.m.* C. H. Mercer.

Prerequisite.—Spanish IA or Spanish I.

Text Books: *Lodge: Spanish for Conversation* (Ginn), *Castile: La Reina Violante* (Heath), *Curso Libre* (Heath), *Spanish Work Book, Linguaphone Conversational Course.*

3. (1950-51). *W. and F. at 4.30 p.m.* C. H. Mercer.

Prerequisite.—Spanish 2.

Text Books: *Crawford: Un Viaje por España, Letras Correspondencia Comercial* (Silver, Burdett), *Wickham: An Overview of Modern Spanish Prose, Linguaphone Conversational Course: Spanish, La Prensa Spanish newspaper.*

4. (1948-50). *W. and F. at 4.30 p.m.* C. H. Mercer.

Prerequisite.—Spanish 2.

Text Books: *Rivero: Libro de Tomas Castellanos* (Heath), *Letras: Correspondencia Comercial* (Silver, Burdett), *Landsberg: Libro de Mar* (Crosby), *Wickham: Antología de Cuentos Americanos* (Heath).

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

Text Books: *R. Menéndez Pidal: Manual de gramática histórica española, Poesía de más* (Ed. Clásica castellana, Madrid, 1918), *Becker: Historia de nuestra lengua, Clásicos castellanos, Madrid, 1922.*

Additional for Distinction: C. H. Grainger: *An Introduction to Valde Lavia, Old Spanish Readings* (J. D. M. Ford).

Music

Lecturer.....Harry Dean.

Music 1.—*Harmony and Analysis of Musical Form 1—Lecture periods by arrangement.*

Music 2.—*History of Music, Appreciation of Music, Public School Music, Sight-singing and Ear-training.—M., W. and F. 12 a.m. to 1 p.m.*

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

Philosophy

Associate Professor Acting (Head of Dept.)..... G. P. Grant (on leave).
 Professor (Past Time)..... H. L. Stewart.

1. Introduction to Philosophy.—*Tu., Th. and S.*, at 9 a.m.
2. Early Greek Philosophy and the Philosophy of Plato.—*Hours to be arranged.* J. A. Doolif.
3. The Philosophy of Aristotle.
 Prerequisite.—Philosophy 1.
4. Ancient Philosophy from Aristotle to St. Augustine.—(1950-51). *M. and W.*, at 4.30 p.m. F. H. Page.
 Prerequisite.—Philosophy 1.
5. Mediaeval and Renaissance Philosophy.—(1949-50). *Hours to be arranged.* H. L. Stewart.
 Prerequisite.—Philosophy 1.
6. Modern Philosophy.—(1949-50). *Hours to be arranged.*
 Prerequisite.—Philosophy 1.
7. English Philosophy in the 17th and 18th Centuries.—(1949-50). *M. and W.*, at 4.30 p.m. F. H. Page.
 Prerequisite.—Philosophy 1.
8. Philosophy of History.—(1950-51). *W. and F.*, at 12 m.
 Prerequisite.—Philosophy 1 and History 1.
9. Logic.—(1949-50). *Hours to be arranged.*
 Prerequisite.—Philosophy 1.
10. The Philosophy of Kant.—(1950-51). *Hours to be arranged*
 For Honours and Advanced Students.
11. Problems of the Self.—(1949-50). *Tu. and Th.*, at 9 a.m.
 F. H. Page.

For Honours and M.A. students. Other students may be admitted with the permission of the instructor.

An investigation, both historical and systematic, of the theories of the relation of mind and body and of the nature of the human personality.

Body Being-proposed: Brent: *The Mind and Its Place in Nature.* Ellis: *The Idea of the Soul in Western Philosophy and Science.* Ladd: *Problems of the Self.* The *Idea of the Soul, Our Minds and Their Bodies.* McDougall: *Body and Mind.* Russell: *The Analysis of Matter.*

12. History of Moral Ideas.—(1949-50). *Hours to be arranged.*
 H. L. Stewart.
 Text Book: Locky: *History of European Morals.*
13. The Philosophy of Religion.—(1949-50).—*Hours to be arranged.*
 H. L. Stewart.
14. The Philosophy of St. Augustine.
 O. P. Grant.
 Given for M.A. students only.

Physics

Professors..... J. H. J. Johnston (Head of Dept.), G. H. Henderson,
 Associate Professor..... E. W. Guptill.
 Assistant Professor..... L. G. Stephens-Neesham,
 MacGregor Teaching Fellow..... A. T. Croft, A. Gibson,
 Demonstrators..... C. K. Hoyt, E. S. Warren, R. E. Banks, D. H.
 Rogers, D. Wylie, A. Melanson, C. Piggott, W. G. Bailey, G. R. Crawford.

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: Stewart: *Physics*, 4th Edition.

2. Mechanics, Hydrostatics, Heat, Light and Sound.—*Lect.: M., W. and F.*, at 10 a.m. *Lab.: W. or F.*, 2.30 to 5.30 p.m. J. H. J. Johnston.
 Text Book: Sears, Zemansky: *College Physics*.

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

3. Electricity and Magnetism.—*Lect.: Tu., Th. and S.*, at 9 a.m. *Lab.: W. or F.*, 2.30 to 5.30 p.m. J. H. J. Johnston

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

Text Book: Kitchell: *College Physics*, 3rd Edition. Brown: *Electricity and Magnetism*.

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

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

5. Optics.—*Lect.: M. and W.*, at 11 a.m. J. H. L. Johnston.
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. G. H. Henderson†

Prerequisite.—Mathematics 2, Physics 3.

7. Thermodynamics.—*Lect.: M. and W.*, at 11 a.m.

J. H. L. Johnston.

Prerequisite.—Mathematics 2 and Physics 4.

† Died June, 1949.

8. Modern Physics.—Two hours lectures.

Prerequisite.—Two classes in Physics. L. G. Stephens-Newsam.
 Book Recommended: *Stratton: Principles of Modern Physics.*

An introductory course, treating from the experimental side such topics as electrons, radio activity, X-rays and the structure of matter.

9. Wave Propagation.—Two hours lectures.

E. W. Guptill.

Prerequisite.—Mathematics 3, Physics 3 and 4.

10. Acoustics.—Two hours lectures

W. J. Archibald.

Prerequisite.—Mathematics 3, Physics 3 and 4.

11A. Advanced Physics Laboratory.—Six hours per week.

Prerequisite.—Physics 1 or 2 and 3.

11B. Advanced Physics Laboratory.—Six hours per week.

Prerequisite.—Physics 11A.

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.

Mathematical Physics

Professor..... W. J. Archibald.

14. Mechanics.

W. J. Archibald.

Prerequisite.—Mathematics 2 and Physics 2.

A general class in statics and dynamics applied to particles and rigid bodies, considered chiefly by problem work.

Books Recommended: *Lamb: Statics; Dynamics.*

15. Advanced Mechanics.

W. J. Archibald.

Prerequisite.—Physics 14.

A continuation of the previous class.

16. Introduction to Mathematical Physics.

G. H. Henderson.†

Prerequisite.—Mathematics 3 and Physics 6.

17. Mathematical Physics.

G. H. Henderson.†

Prerequisite.—Physics 16.

Book Recommended: *Slater and Frank: Introduction to Theoretical Physics.*

18. Quantum Theory.

G. H. Henderson.†

Prerequisite.—Physics 7 and 14.

19. Advanced Electricity and Magnetism.

G. H. Henderson.†

Prerequisite.—Physics 16.

Book Recommended: *Jones: Electricity and Magnetism.*

Seminar and Journal Club.—7A, at 12 noon.

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.

Physiology: see Biology

† Died June, 1943.

Political Science

Professor..... J. H. Aitchison.

1. The Government of Canada.—M, W, and F, at 3.30 p.m.

An introduction to the study of democratic government and politics with special emphasis on the government of Canada.

2. The Government of the United Kingdom and the United States.—(1949-50). M, W, and F, at 12 m.

Prerequisite.—Political Science I.

3. Modern Political Theory.—(1950-51). M, W, and F, at 12 m.

Prerequisite.—Political Science I.

4. The Constitution and Government of Canada.—(1949-50). Tu, and 7A, at 10 a.m.

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

Intensive study of the Canadian federal system with special attention to certain selected problems.

5. The State and Economic Life.—(1950-51). Tu, and 7A, at 10 a.m.

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

A study of the causes, nature and effects of state activity in the economic life of the nations of the British Commonwealth and of the United States in the nineteenth and twentieth centuries.

Special classes may be arranged for Honour and M.A. students.

For students whose interests are in the field of public administration arrangements may be made to take the following courses, in whole or in part, given in the Law School:

Constitutional Law.

Legislation and Administrative Law.

International Law.

Psychology

Professor.....F. H. Page (*Head of Dept.*)
Lecturer.....

1. **General Psychology.**—M., W. and F. at 10 a.m.

Text Book: *Koch: Psychology and Life.*

2. **Social Psychology.**—Tu. and Th. at 10 a.m.

Prerequisite.—Psychology I.

Text Book: *Kiloberg: Social Psychology.*

3. **Child Psychology.**—M. and W. at 9 a.m.

Prerequisite.—Psychology I.

Text Book: *Jessie: Child Psychology, Third Edition.*

4. **Abnormal Psychology.**—(1920-51). Tu. and Th. at 10 a.m.

Prerequisite.—Psychology I.

Text Book: *Thorpe and Katz: Psychology of Abnormal Behavior.*

5. **Problems of the Self.**—See Philosophy II. Tu. and Th. at 9 a.m.

Prerequisite.—Psychology I or Philosophy I and the consent of the instructor.

6. **History and Systems of Psychology.**—(1920-51). Tu. and Th. at 9 a.m.

Prerequisite.—At least two classes in Psychology and the consent of the instructor.

Reference Book: *Burt: History of Psychology, 3 vols.* Murphy: *An Historical Introduction to Modern Psychology.* *Boring: History of Experimental Psychology.* *Woodworth: Experimental Psychology and Contemporary Schools of Psychology.* *Stanger: Short History of Science.*

Applied Psychology

12. **Psychometrics.**—Tu. and Th. at 11 a.m.

Prerequisites.—Psychology I and at least one of Psychology 2, 3 or 4.

The theory and construction of individual and group mental tests; an examination of representative tests, with special emphasis on those with clinical application; statistical procedures. Practice hours in test-administration will be arranged individually.

13. **Clinical Psychology.**—W. and F. at 11 a.m.

Prerequisites.—Psychology I, 4 and 12, and the permission of the instructor. Psychology 12 and 13 may be taken concurrently.

An introduction to the use of mental tests and psychological procedures in clinical practice, intended for advanced students interested in clinical psychology as a profession. Observation and practice periods in the local clinics and hospitals will be arranged individually.

Russian: see Modern Languages

Spanish: see Modern Languages

Sociology: see Economics

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 until 1921. In 1932, there was established in his honour a Chair, the holder of which is called the "Russell Professor of Law". In 1944 Viscount Bennett, LL.B. 1893, gave \$725,000 to the University, part of which sum provided for the endowment of a new Chair, the holder of which is to be known as "The Viscount Bennett Professor of Law," and for the completion of the endowment of the Weldon Chair, henceforth to be held by the Dean of Law under the title of "The Dean Weldon 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 full-time teachers, various members of the Bench and Bar of the Province give their services as voluntary lecturers in various courses at the School and others lecture on special other 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 16,000 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. It also contains books known as the *Alexander Ross Collection*, purchased out of the income of a fund provided by the late Alexander Ross.

Affiliated Courses

Certain classes taken in this Faculty may be accepted as part of the requirements for the degree of Bachelor of Arts or Bachelor of Commerce. See pages 35 and 37.

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, and (1) have passed in the subjects required by the Faculty of Law of Dalhousie University as prerequisites for the admission of students to the said Faculty, (see *infra*) or is subjects deemed to be equivalent thereto by the Society; or (2) who hold the degree of Bachelor of Arts, Science or Commerce from Dalhousie or any other approved College or University.

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

By a recent amendment to the Rules and Regulations of the Nova Scotia Barristers' Society 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 not less than two months or more than three months between the second and third year of his course in Law and for such a further period after he has received his degree in Law as shall be necessary to bring his total period of service up to nine months. N. B.—An amendment in 1944 further provides that "a person who has served in His Majesty's Forces during the present war may complete the required service under articles by service for three months after the sessions of the first and second years respectively of his course in law and for a further period of three months after he has received that degree."

General University Regulations

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

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 1949-50 will begin on Tuesday, September 13, 1949, and end on Saturday, December 17, 1949. The second term of the session of 1949-50 will begin on Wednesday, January 4, 1950, and end on Tuesday, May 16, 1950. The last day on which students can register for the work of this session is Monday, September 19, 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.

Application must be made before August 15 on a form to be obtained from the Registrar. Upon notice of acceptance to any class in the Faculty of Law prospective students are required to deposit immediately with the Registrar the sum of \$20.00 towards fees.

Special Students.—Subject to the University regulations for the admission of students (p. 24), 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 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. 34). 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 in Arts, Science or Commerce and must also present satis-

factory certificates of having attended and passed at some degree-granting College or University recognized by the Senate for the purpose at least ten regular and approved classes of the course for the degree of Bachelor of Arts or Science or Commerce, comprising two classes in English, one class in a Classical or Modern language, one class in Mathematics, two classes chosen from History, Economics or Political Science, and four other classes satisfactory to the Registrar and to the Dean of Law. (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, in exceptional cases, 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.

Ex-service Men and Women

The foregoing requirements for admission as regular undergraduates in Law have been modified for ex-service men and women, who will be admitted on presentation of satisfactory evidence that they have completed Junior Matriculation in Arts, Science or Commerce, and five university classes, or the equivalent thereof, on a Senior Matriculation certificate.

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* status in this Law School (p. 30).

Matriculation

For details of the requirements for Matriculation, see pp. 25-28

Curriculum*

First Year.—

Contracts, History of English Law, Property I, Crimes, Torts.

These classes will be preceded by a short course on the Elements of the Legal System.

Second Year.—

Bills and Notes, Insurance, Agency and Partnership, Property II, Corporations, Procedure I, Equity I, Legislation.

Third Year.—

International Law, Mortgages, Administrative Law, Equity II, Taxation, Constitutional Law, Shipping, Conflict of Laws, Procedure II, Evidence.

The foregoing schedule is subject to modification either by transposition of subjects from one term to the other, or otherwise.

Detailed information regarding the classes included in these courses will be found under Classes of Instruction, p. 116 *et seq.*

In addition to the work given in the regular subjects of the curriculum, special lectures will be given by members of the Bench and Bar. Attendance at these will be required.

No student shall be allowed to take a class belonging to a year in advance of his own year without special permission from the Faculty.

*It is to be distinctly understood that the regulations regarding courses of study, examinations, fees, etc., contained in this calendar are intended for the current year only. Now does the University hold itself bound to adhere absolutely to the curriculum and conditions laid down.

No student shall be allowed to take classes in other faculties of the University, without special permission from the Faculty of Law.

Mock Parliament

This is conducted on the model of the House of Commons of Canada with strict regard to the rules of parliamentary procedure.

Moot Court

Each student is expected to participate each year in at least one argument in the Moot Court. The final argument each year takes place before a Bench of Supreme Court Justices.

Attendance

In order to be permitted to write an examination, a student must have credit for attendance in 90 per cent. of the lectures or other meetings of the class in question.

Examinations

Final examinations in some subjects will be held immediately before the Christmas vacation. Examinations in the remaining subjects will be held after the close of lectures in the spring.

Supplemental Examinations

A student who has failed in more than two subjects of any year, or who has made an average mark of less than 55 per cent. in the regular examinations of any year, must repeat the whole of the work of that year.

A student failing to pass in one or two subjects of any year at the regular examinations must pass a supplemental examination in such subject or subjects. For admission to the Second or Third Year a student must have completed all requirements for admission and 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.

Supplemental 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 Supplemental 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 Registrar's 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. 58-62.

University Medal in Law.—This medal may 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 \$30 will be awarded to each of the students making the highest aggregates in the second and third year examinations respectively.

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.

Class of 1911 Prize.—A prize of \$50 will be awarded to the student making the highest aggregate in the first year.

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.

F. L. Milner Prize.—A prize of \$25.00 will be awarded to the student making the highest mark in History of English Law provided he attains First Class distinction therein.

Stuart Clark Lane Memorial Prize.—A prize of \$25.00 will be awarded to the student making the highest mark in Administrative Law. This prize is donated by the Class of 1940 in memory of their classmate killed in action.

Viscount Bennett Trust Fund Scholarships.—Under the terms of a deed of gift to the Canadian Bar Association from The Right Honourable Viscount Bennett, P.C., K.C., LL.D., D.C.L., Honorary Life President of the Association, a trust fund known as the Viscount Bennett Trust Fund has been established. The annual income from the Fund or the sum of \$1000, whichever is the less, will be paid annually as a scholarship for post-

graduate study in law at an institute of higher learning to be approved by a Scholarship Committee. The Scholarship is open to a person of either sex who has graduated from an approved law school in Canada or who, at the time of application, is pursuing his or her final year of studies as an undergraduate student. The award is to be made at a meeting of the Committee to be held at the time of the Mid-Winter Meeting of the Council of the Association (usually in February). The Faculty of Law of Dalhousie University has been approved by the Committee. Full information as to qualifications of applicants and the necessary forms may be had on application to the Dean of Law.

Loan Fund

The Nova Scotia Barristers' Society has set aside \$1000 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).....	\$ 16.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	21.00
Additional, payable by all students registering after 12 noon to last regular registration day, for each day.....	2.00

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 Supplemental examination.....	15.00

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

**If application for refund of supplemental examination fee is not made within 30 days of the relative examination date, the fee will be retained.

For Certificates and Diplomas

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

Certificate of Standing: first copy—no charge; additional copies—each.....	\$.50
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.

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 22 and 23 for Caution Deposit and Fee for support of Student Organizations.

CLASSES OF INSTRUCTION

First Year

Contracts

Lecturer..... J. B. Milner.

Three lectures per week, both terms.

The class includes a study of the general principles of the law of Contract.

Text Books: Hascock's *Cases on Contracts*, *Agency Contracts*, *Pelock's Contracts*, *Salsmond and Williams' Contracts*, *Cheshire and Fifoot's Contracts*.

History of English Law

Lecturer..... T. G. Feehey.

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 Maugham's Study of English Legal History*, *Maitland's Constitutional History of England*, *Fluckiger's A Concise History of the Common Law*, *Bechhofer's The English Legal System*.

Property I

Lecturer..... Moffatt Hascock.

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's Modern Real Property*, *Atkinson's Real Property*, *Atkinson's Titles*, *Salsmond's Torts*, *Ridley's Bailments*.

Crimes

Lecturer..... T. G. Feehey.

Two lectures per week, both terms.

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

Text Books: *Tremont's Canadian Criminal Code, Annotated*, *Cronkhite's Criminal Code of Canada*, *Storr's Criminal Code*, *Kenny's Outlines of Criminal Law*.

Torts

Lecturer..... V. C. MacDonald.

Three lectures per week, both terms.

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

Text Books: *Wright's Cases on the Law of Torts*, *Salsmond's Torts*, *Winfield's Torts*.

Second Year

Equity I

Lecturer..... Moffatt Hascock.

Two lectures per week, both terms.

The class includes a study of the principles of Law and Equity relating to contracts for the sale of land and the sale of goods.

Text Books: *Smith and Bead's Cases on Equity*, *Halsbury's Equity*.

Property II

Lecturer..... T. G. Feehey.

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

The class will include a study of the law of Wills, Landlord and Tenant, Easements, etc.

Text Books: *Woodfall's Landlord and Tenant*, *Bulky's Wills*, *Cheshire's Modern Real Property*.

Bills and Notes

Lecturer..... T. G. Feehey.

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; and the law of Suretyship.

Text Books: *Russell's Bills*, *Falconbridge's Banking and Bills of Exchange*, *Beckett's Principles and Surety*.

Corporations

Lecturer..... J. B. Milner.

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's Company Law*, *Masters and Pinner's Company Law*, *Wegmann's Canadian Company Law*.

Insurance

Lecturers..... F. H. M. Jones, R. A. Ritchie.

Two lectures per week, one term.

The class includes a study of the law governing marine, fire, life and automobile 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's Principles of Pleading*, *New Scotia Judicature Act and Rules*.

Agency and Partnership

Lecturer..... V. C. MacDonald.

Three lectures per week, one term.

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: *Selected Cases*, *Bevstend's Agency*, *Mitchin's Agency*, *Strahan's Partnership*.

Legislation

Lecturer.....

Two hours per week, first term.

This class includes a study of legislative problems and of the use made by courts of the various rules of interpretation; and some practice in draftsmanship.

Text Book: *Maxwell's Statutes and Selected Readings*.

Third Year

Constitutional Law

Lecturer..... V. C. MacDonald.

Two lectures per week, both terms.

The class includes a general study of the principles of English Constitutional Law, and a detailed study of the British North America Act and the principles peculiar to the Canadian Constitution.

Text Books: Clement; Canadian Constitution. Lectures: Short Treatise on Canadian Constitutional Law. Dickey Law of the Constitution. Wharton: Federal Government. MacRae: Casebook on Constitutional Law. Selected Readings.

International Law**

Lecturer.....

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 Mason: International Cases. Hudson: Cases on International Law.

Administrative Law

Lecturer..... J. B. Milner.

Three lectures per week, one term.

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: McLachlin: Shipping. Maritime Admiralty Law and Practice. Munroe: Customs at Sea. Lowndes: General Shipping.

Conflict of Laws

Lecturer..... Moffatt Hancock.

Two lectures per week, both terms.

The class includes a study of the leading principles of Private International Law.

Taxation

Lecturer..... J. B. Milner.

Three hours per week, one term.

This class includes a general introduction to the principles of accounting having special reference to income taxation problems; an examination of legal problems arising out of legislation relating to the taxation of income and succession; and some reference to municipal assessment.

Mortgages II

Lecturer..... Moffatt Hancock.

Three lectures per week, one term.

The class includes a study of the law governing Mortgages of Real Estate.

Text Book: Falmethrough: Law of Mortgages.

Equity II

Lecturer..... A. G. Cooper.

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.

Demonstrators..... R. T. Donald, E. F. Cragg.

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 used in litigation and in the making of motions in a Practice Court.

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: Wigmore: Evidence. Best: Evidence. Phillips: Evidence. Cottle: 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* (Hallidam edition); *The Canadian Abridgement*.

**May not be given in 1919-20.

Faculty of Medicine

Preliminary Statement

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 including Newfoundland are as follows:

Nova Scotia, Dr. H. L. Scammell, Halifax.
 New Brunswick, Dr. J. M. Baer, Saint John.
 Prince Edward Island, Dr. H. D. Johnson, Charlottetown.
 Newfoundland, Dr. Cluny Macpherson, St. John's.

Privileges

The General Medical Council of the United Kingdom admits graduates in Medicine of Dalhousie University who have passed the professional examinations conducted jointly by the University and the Provincial Medical Board, and have been licensed by the Board, to registration in the Colonial List of the British Medical Register. This confers precisely the same privileges as registration on the British List, *viz.*, the right to obtain, without further examination, the licence to practise medicine in nearly every part of the British Empire.

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.

The Medical Buildings

A group of buildings situated on the Forrest Campus are used in whole or in part by the Medical Faculty. They, with the teaching hospitals, form a compact and a well integrated group. All are modern and well designed for teaching and research. The newest of the buildings is the Medical-Dental Library. The oldest is the Forrest Building which contains the Departments of Anatomy and of Histology and Embryology. The Medical Sciences Building houses the Departments of Physiology, of Biochemistry, and of Pharmacology. The Dalhousie Public Health Clinic, a gift of the Rockefeller Foundation, provides excellent facilities for the study of Preventive Medicine and an Out-Patient Department. This building houses the offices of the City Health Department nurses, the Dalhousie Students' Health Service, the secretarial offices of the Faculty and of the Medical Society of Nova Scotia and it forms the centre of many health activities. 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. Through the courtesy of the several Boards of Directors, the hospitals named in the following paragraphs are made available for teaching purposes.

The Laboratories

The laboratories of Anatomy, Biochemistry, Histology and Embryology, Pathology and Bacteriology, Pharmacology, and Physiology are commodious, well lighted and well equipped. Space and special equipment is available for advanced work and for research.

Medical Museums

The Department consists of the Anatomy Museum, housed on the top floor of the Forrest Building, and of the Medical Museum on the ground floor of the Pathological Institute, and their attendant offices.

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 20,000 volumes and most of the medical periodicals of the world are subscribed to. It is in charge of a trained medical librarian.

During 1941 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.

The Hospitals

The hospitals used for teaching are as follows: The Victoria General Hospital (585 beds), The Halifax Infirmary (275 beds and 60 bassinets), The Children's Hospital (120 beds), The Halifax Tuberculosis Hospital (126 beds), The Grace Maternity Hospital (60 beds and 62 bassinets), and The Halifax Hospital for Communicable Diseases (50 beds and 16 cribs). Camp Hill Military Hospital (526 beds). Instruction in mental diseases is given at the Nova Scotia Hospital, Dartmouth (450 beds).

All of these hospitals are well equipped and provide ample clinical material for teaching purposes. The main teaching hospital is the Victoria General Hospital. It was built as a teaching hospital and has every facility for that purpose. The students attend out-patients at the Victoria General Hospital and the Dalhousie Public Health Clinic.

General University Regulations

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

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 will not be refunded to students who have been dismissed for any cause.

Affiliated Courses

There is an affiliated course of Arts or Science and Medicine, in which the classes of the first year in Medicine are accepted for the degree of Bachelor of Arts or Science. The details of the course are given on pp. 36-37.

Academic Year

The Academic Year for the first four years of the course begins early in September. The first three extend until about the middle of May, the fourth year ending late in April. The exact dates will be found in the University Almanac, p. vi. The fifth year is a twelve month internship extending from May 1st.

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. 26) 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 including 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 be allowed to come up for supplemental examinations in the autumn under the following conditions:

(a) Supplemental examinations will not be allowed in more than two subjects.

(b) Those who fail to pass in all the subjects of their year at the spring examinations, or at the next ensuing supplemental

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

Complete matriculation in Arts and Science followed by a minimum of two years at an accepted College of Arts and Science. The Courses required by Dalhousie University (see page 26) may be taken as a guide.

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. 133 *et seq.*

The following arrangement of the curriculum into years will be followed as closely as possible, but some modifications may be found necessary.

First Year. Anatomy; Histology; Embryology; Physiology; Biochemistry; Hygiene; Psychobiology.

Second Year. Structural Neurology; Physiology; Biochemistry; Pathology; Bacteriology; Pharmacology and Materia Medica; Physical Diagnosis; Psychiatry; Introduction to Clinical Medicine and Clinical Surgery.

Third Year. Pathology; Laboratory Medicine; Pharmacology; Physical Diagnosis; Preventive Medicine; Medicine; Clinical Physiology; Psychiatry; Surgery; Applied Anatomy; Ophthalmology and Otolaryngology; Radiology; Obstetrics and Gynaecology; Paediatrics; Therapeutics.

Fourth Year. Preventive Medicine; Medicine; Medical Jurisprudence and Toxicology; Autopsies; Psychiatry; Surgery; Neuro-Surgery; Anaesthesia; Urology and Dermatology; Ophthalmology, Laryngology and Otolaryngology; Radiology; Obstetrics and Gynaecology; Clinico-Pathological Conferences; Paediatrics, Medical Ethics.

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

Fifth Year. The final year is one of twelve months rotating internship. All of our internships have been approved by the Committee on Internes of the Canadian Medical Association. They are held at the Victoria General Hospital at Halifax, and the Saint John General Hospital, in Saint John, N. B., or at hospitals affiliated with these two hospitals.

Regulations for Degrees

In addition to the entrance requirements, 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. 133 *et seq.*). In all subjects the marks obtained at sessional tests or at Christmas examinations or in oral or practical 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

Anatomy, Histology, Embryology, Physiology and Biochemistry.

Second Professional Examination

Structural Neurology, Physiology, Biochemistry, Pathology, Bacteriology, Psychobiology, Preventive Medicine, Pharmacology and Materia Medica.

Third Professional Examination

Surgery, Medicine, Pathology, Applied Anatomy, Laboratory Medicine and Preventive Medicine.

Fourth Professional Examination

Medicine including Therapeutics; Medical Jurisprudence and Toxicology; Psychiatry; Surgery; Obstetrics and Gynaecology; Paediatrics. The written examinations in Medicine, Surgery and Obstetrics and Gynaecology, are conducted jointly by the University and the Provincial Medical Board of Nova Scotia.

Fifth Professional Examination

An oral examination in each of the following subjects. Medicine including Therapeutics; Surgery 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. 26).

2. They must have attended the prescribed classes regularly and punctually. Attendance of at least 80 per cent at any class is required.

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. 123).

5. Candidates for the Final Professional examination must have fulfilled satisfactorily the following requirements:

(1) Attendance at clinics or as clinical clerks in the third and fourth years at the Victoria General Hospital, the Children's Hospital, the Halifax Tuberculosis Hospital, Camp Hill Hospital, the Dalhousie Public Health Clinic, the Grace Maternity Hospital and the City Hospital for Communicable Diseases.

(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.

(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) Service for twelve months on rotating internships approved by the Canadian Medical Association.

Supplemental Examinations

The conditions under which supplemental examinations are allowed are set forth under "Admission and Grading" (p. 123).

Regular supplemental examinations are held in the autumn on the dates specified in the University Almanac, but at no other times.

Application for admission to a supplemental 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 Registrar's Office, and must be accompanied by the proper fee (p. 132).

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 26); 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. Every such candidate must take all the other examinations of the year to which he is admitted.

The Oath

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

As one about to receive the Degree of Doctor of Medicine and Master of Surgery, I solemnly affirm in the presence of Almighty God, the Searcher of Hearts:

That I shall ever remember Dalhousie University and faithfully fulfill the obligations of gratitude for my training;

That with constant care and scrupulous integrity, so far as lies in my power, I shall render professional service to the sick and to the injured;

That I shall not undertake to perform tasks beyond my ability and competence;

That I shall constantly strive by all reasonable means to add to my knowledge and skill;

That I shall abstain from all acts that might cast discredit upon my high and noble calling;

And that in the practice of my profession I shall at all times, to the utmost degree consistent with public duty, preserve inviolate the confidence of my patients.

So help me God to keep this Pledge.

Medals and Prizes

For Scholarships and Prizes open to all students of the University see pp. 58-62.

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.

Colonel Murray MacLaren Memorial Award.—A prize of \$100, presented by the Saint John General Hospital, Saint John, N. B., awarded each year to the interne demonstrating the highest increase in practical knowledge and the best record of service to the hospital, its patients and to his profession.

Halifax Infirmary Award.—A prize of \$100, presented by the Halifax Infirmary, Halifax, N. S., awarded each year to the interne having the best record.

The Victoria General Hospital Prize.—A prize of \$100, awarded by the Victoria General Hospital to the best interne resident at the hospital during the current interne year.

Anonymous Prize.—A prize of \$100, from an anonymous donor, will be awarded at the end of the session 1949-50, 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 1949-50, 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 \$50, 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 the late 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 Charles E. Frost Bursary.—A bursary of \$250, contributed by the Charles E. Frost and Company, of Montreal, to be awarded annually at the completion of the fourth year to a student entering the fifth year who has shown general proficiency throughout the course, character and need to be considered.

The Ross Stewart Smith Prize.—This prize, of the value of \$75, contributed by Mrs. Eliza Cochran Smith in furtherance of the wishes of herself and her late husband, Dr. James Ross Smith, as a memorial to their late son, Ross Stewart Smith, will be awarded at the completion of the third year to the student

who has carried on the most creditable advanced work in one or more of the preclinical subjects.

Prize in Pathology.—This prize of \$100 is given by the Hebrew community of western Nova Scotia and sections of New Brunswick.

The I.O.D.E. John Stewart Chapter Prize.—A prize of \$100, awarded to the student who at the completion of his second year shows proper academic standing and need for financial assistance.

The Professor John Cameron Prize in Anatomy.—This prize, the interest of an endowment of \$300, 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.

Anonymous Prize.—A cash prize of \$25, from an anonymous donor, will be awarded to the student of the first year Anatomy class who has gained high 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 R. J. Bean Prize.—Awarded to the student who makes the highest aggregate in the first professional examinations in Histology and Embryology.

The A. B. Wiswell Scholarship in Medicine.—This Scholarship, the interest of an endowment of \$3,000, given by Mr. A. B. Wiswell, of Halifax, is to be awarded to a student completing the first year of the regular medical class. Character and financial need are to be considered, but the standing of the candidate in his class is the primary consideration.

The Dr. Clarence Francis ("Dennis") Moriarty Bursary.—A bursary in Medicine will be awarded annually from 1949 to 1959 in memory of Dr. Moriarty, a graduate in the Class of 1925 of the Faculty of Medicine.

Entrance Scholarships

Five scholarships of the value of \$300.00 each will be awarded to students beginning the study of Medicine in September, 1949 as follows:

- One to a resident of Cape Breton Island.
- Two to residents of the Mainland of Nova Scotia.
- One to a resident of New Brunswick.
- One to a resident of either Prince Edward Island or Newfoundland.

Application should be made to the Dean of Medicine together with transcripts of matriculation and pre-medical records. Three letters of recommendation dealing with the candidate's truthfulness, unselfishness, idealism, and other qualities likely to produce a good physician should accompany the application.

The Kellogg Foundation Loan Fund

A scholarship and loan fund, established through the generosity of the W. K. Kellogg Foundation in 1942, who gave a total of \$16,500.00 to the Medical School to help medical students. Most of this gift was used for scholarships, but approximately \$4,000.00 was set aside as a loan fund. Loans will bear interest at the rate of 2½% and will mature one year after graduation of the student's class.

Any student in need may apply for help from this fund. Applications should be made in writing to the Dean of Medicine.

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).....	\$ 18.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	21.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day.....	2.00

For Tuition

For each class (other than Practical Anatomy) attended, when taken singly.....	\$ 60.00
Practical Anatomy.....	65.00
Payable by those taking the regular prescribed curriculum each year.....	325.00

This includes tuition, hospital, clinics, laboratory work and the regular seasonal 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 fee 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.

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

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, 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 \$30.00 per session. The rental charge will be treated in the same manner as tuition and other fees and will be payable at the same time. Students who have rented a microscope from the University and who at a later date wish to buy an instrument elsewhere, must complete arrangements with Professor Bean for the return of the rented instrument not later than two (2) weeks from the assignment of the microscope. No refund of rental charges will be made after that period. Each student will be held responsible for all damage to the instrument rented to him, ordinary tear 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, otoscope and laryngoscope). Other necessary accessories are: stethoscope, flashlight, skin pencil, real and renal 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.
**Supplemental examinations, each subject..... \$ 15.00

For Certificates and Diplomas

An application for a Certificate or Diploma must be accompanied by the proper fee.
Certificate of Standing; first copy—no charge; additional copies—each..... \$.50

For M.D., C.M. Diploma (payable before the fifth year or final examinations and returnable in case of failure)..... 20.00

Diploma, payable by those attending less than 4 years..... 40.00
Additional fee when a degree is conferred in absentia at the Spring Convocation..... 10.00

See pages 21 to 23 for

Loan Funds.

Caution Deposit.

Laboratory Deposits.

Fee for Support of Student Organizations.

CLASSES OF INSTRUCTION

I. Anatomy

Professor..... Donald Mainland,
Assistant Professor..... L. M. Murray,
Instructor..... Robert Bond Nichols,
Demonstrators..... J. V. Graham (Applied Anatomy), B. K. Cady,
Jean Macdonald.

The course (ten hours per week) is conducted in the first year, 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, and details of topographical relationships are given only when they are likely to be needed by the general practitioner. Lectures-demonstrations are held when required to elucidate current difficulties, but small-group teaching is preferred to a formal course of lectures. Students, with an instructor for each group of ten, practise on a living subject (two half-hour periods per student per week).

Besides daily inspection of X-ray films illustrating the parts that are being studied in the laboratory, groups under the guidance of instructors examine specially selected radiographs in numerous books on radiology. The Department's X-ray equipment provides films for student use as well as for research, and a fluoroscope is employed for demonstration, on the students themselves, of joint movements, thoracic organs and abdominal viscera (by opaque meal).

Dental students take part in the work on general anatomy, including fluoroscopy, to provide a basis for physiology and pathology; and they receive instruction on the head and neck specially designed for their future needs.

The Anatomy Department shares with the Department of Preventive Medicine in the instruction on the application of quantitative methods.

Encouragement is given to senior students and graduates to return for review and research, and facilities are made available to candidates for post-graduate examinations.

Books Required: Mainland: *Anatomy as a Basis for Medical and Dental Practice*. Grant: *An Atlas of Anatomy*. (An *Anatomy* is an extension of pre-medical and pre-dental Biology, students are advised to retain and use their Biology texts and notes.)

Reference Books: Medical Dictionary—Dorland or Stedman. Atlas—Spitzhals. Text Books—Cunningham; Morris; Gray; Jamieson; *Companion to Manuals of Practical Anatomy*. General Anatomy—Levine Clark; *Essence of the Body*. Child Growth and Development—White House Conference Report, Parts I and II. Radiological Anatomy—Agabekov, Hershkov and Sumner; and books mentioned in class (see above). Muscle Function—Wright. Medical Research Council: *Wray Memorandum No. 2*, (4th) in the *Investigation of Postural Visceral Injuries*. Surgical Anatomy—Bony and Johnson; McGraw-Hill, Toronto.

Anatomical Museum. This provides the undergraduate and graduate with clinically helpful dissections. See Department of Medical Museums.

Applied Anatomy.—See under Surgery.

Anatomy IA.—This course qualifies for an Arts or Science degree, but not for medical degree. See under Faculty of Arts and Science—Biology.

*If application for refund of environmental examination fees is not made within 30 days of the relative examination date, the fee will be forfeited.

Histology and Embryology

Professor.....	Raymond J. Bean.
Instructor.....	Elizabeth S. Bean.
Demonstrator.....	Ruth Schachter.

Histology.—This course consists essentially of laboratory work and is intended to meet the requirements of medical students of the first year. It deals with the minute structure of the tissues and organs of the human body, their development and primary functions. Extensive use is made of motion films, Kofolohens and Mediorone slides as well as special preparation work which are set up as Demonstrations.

Text Books: Schler: *Essentials of Histology*, Ferrel: *Normal Histology (Abitur)*, Masten and Shomo: *Histology*, Bailey: *Text of 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 chick, rabbit, pig and human.

Both mediorone and black and white projection slides are used to illustrate the work, and these are supplemented by a careful selection of motion picture films.

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 Books: Arry: *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. Clinics are conducted at the Dalhousie Public Health Clinic.

Text Books: Keynes: *Anatomy of the Nervous System*, Batson: *The Physiological Pathology*, Leary: *Anatomy of the Brain and Spinal Cord*, Krige: *Functional Neuro-Anatomy of Mammals*.

II. Physiology

Professor.....	C. Beecher Weld.
Assistant Professor.....	Melville Schachter.
Research Assistant Professor (Physiol.).....	L. G. Stephens-Nevinsham.
Demonstrators (Part Time).....	Jean Pratt Milner, Carl Tupper.

Physiology for Medical Students.—The course is a study in lecture and laboratory of the mechanisms of the human body. It involves a review of physico-chemical laws affecting the tissues and their function under both normal and abnormal conditions. Included among the topics studied, are:—the nervous system, the senses, muscular activity, the blood, circulation, respiration, digestion and nutrition, excretion, and the endocrines. The

course consists of two lectures a week throughout the first year and the first term of the second year, and six hours of laboratory work per week during the second term of the first year and the first term of the second year.

The department co-operates with the clinical departments in arranging clinical-physiological conferences and symposia in the more advanced years of the medical curriculum.

Physiology for Dental Students.—This course consists of most of the lectures given in Medical Physiology, but the laboratory work is modified and consists of one period a week from Christmas of the first year to Christmas of the second year.

Human Physiology for Arts and Science students.—A special course of lectures and laboratory work. *Zoology B.*

Text Books: Curtis and Johnson: *The Machinery of the Body*, Best and Taylor: *The Physiological Basis of Medical Practice*, Lovell: *Human Physiology*, Principles of Human Physiology.

Reference Books: Harris: *Experimental Physiology*, Libbet and Sherrington: *Mammalian Physiology*, Mitchell: *General Physiology*, White and Swainwick: *The Autonomic Nervous System*, Feltus: *The Physiology of the Nervous System*, Mangon: *Physiological Psychology*, Dunbar, Loewson and Dudley: *Chemist*, Wolf and Wolf: *Manus Cerebri Function*.

III. Biochemistry

Professor.....	E. Gordon Young.
Associate Professor (Research).....	R. W. Bogg.
Associate Professor.....	J. A. McCarter.
Demonstrators.....	G. M. Byrne, Jean Milner.

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 with special laboratory work 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.

2A. This is a more extensive course given to students in the Faculty of Arts and Science.

3. A course of lectures and laboratory work given to students in the Faculty of Dentistry, presenting briefly the whole field of Biochemistry.

4. A course of lectures and laboratory work on foods in relation to nutrition and processing.
Prerequisite.—Biochemistry I or 1A.

5. An advanced course given to graduate students only, on modern aspects of biochemical research.

Seminar.—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 137.

Text Books: (1) Hawk, Cary and Sommers: *Practical Physiological Chemistry*, 12th. ed., Gorton; *Outline of Biochemistry*, 2nd. ed.
(2) Morrey and Sanderson: *Biochemical Laboratory Methods*.
(3) Klotz: *Human Biochemistry*.
(4) Harrow: *Treatise of Biochemistry*, 4th. ed.

IV. Medical Museums

Director..... R. L. de C. H. Saunders.
 Assistant..... S. C. Saunders.

In the Anatomy Museum dissections of the human body are grouped regionally under appropriate headings, and each dissection is accompanied by a diagrammatic representation or a note on the salient features. Prepared bony specimens and Spalteholz cleared specimens are also on display.

The Pathological Museum is being re-organized as a Medical Museum, which aims to correlate the field of Pathology with Medicine, Surgery and Gynaecology.

Display specimens, grouped under systems, will have extracts from the clinical records and pathological report, as well as diagrams calling attention to their principal features. When facilities for medical photography and illustration are developed, coloured pictures of specimens will also be shown. Where relevant, radiographs, blood films and histological slides will be made available.

The cupboards below the display specimens house study specimens. In this way clinical material of value for class demonstrations or research purposes can be collected. The clinical histories of these specimens will be on file.

V. Pathology, Bacteriology and Parasitology

Professor..... Ralph P. Smith.
 Assistant Professors..... J. W. Abrams, J. H. Foiden, C. M. Hachow.
 Demonstrator in Bacteriology..... Dr. Aliso Kita.

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 special 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, and their relationship to disease.

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

Text Books: Pathology: Boyd, Muir or Moore. Bacteriology: Muir and Ritchie. Clinical Bacteriology: Practical Bacteriology: Mackie and McCarty. Parasitology: Billing. Clinical Diagnosis: Todd and Sanford, or Stitt.

VI. Laboratory Medicine

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

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

Text Books: Todd and Sanford, or Stitt: Clinical Diagnosis.

VII. Pharmacology and Materia Medica

Professor..... A. M. Fraser.
 Associate Professor..... J. G. Aldous.
 Assistant Professor..... J. E. Cooke, Jessie I. MacKnight.
 Demonstrators in Materia Medica..... J. E. Cooke, Jessie I. MacKnight.

The primary aim of the course is to elucidate the fundamental actions of drugs, and thus to lay a sound foundation for rational drug therapy. Considerable time is spent, nevertheless, in discussing their use in medicine, in the hope of facilitating the application of the student's pharmacological knowledge in the clinic. The actions of the most useful types of drugs are studied in the laboratory, and the students themselves act as subjects when the drug action can be well, and safely, demonstrated in humans.

The course commences with a brief introduction to materia medica and prescriptions, but most of the time is spent on the study of drug action. The students are occasionally required to write prescriptions throughout the course, incorporating drugs which are being currently studied.

The course is given during the second term of second year medicine and consists of three lectures, one conference and two laboratory period per week.

A shorter specially designed course, comprising two lectures and one laboratory period weekly is given to second year dental students during the first term.

Lectures and laboratory periods covering the basic principles of materia medica and prescription writing are given as an introduction to therapeutics in the first term of third year medicine.

A short course in Toxicology is also given to fourth year medical students.

Text Books: 1. *Fundamentals of Pharmacology* by Thomas (Haber, 1945).
2. *Clinical Pharmacology and Therapeutics* by Goldson and Shugart (Los Angeles, 1947).
3. *Structure of Matter, Matter, Toxicology and Pharmacology* by Davison (Moody, 1944).

Reference Books: 1. *The Pharmacological Basis of Therapeutics* by Goodman and Gilman (1945).
2. *Manual of Pharmacology* by Solmann (1946).
3. *The British Pharmacopoeia* (1942).
4. *Pharmacopoeia of the United States* (1947).
5. *New and Non-Official Remedies* (1945).
6. *Treatment in General Practice* by Beckman (1946).

VIII. Preventive Medicine

Professor of Preventive Medicine..... H. G. Grant
Professor of Epidemiology..... C. B. Stewart
Assistant Professors..... P. S. Campbell, A. R. Morton, D. J. MacKenzie
Lecturers..... C. J. W. Beckwith
Statistical Assistant..... Jane A. Peabody
Assistant..... Jane M. Hubley.

Lectures are given in the first year on the history of medicine, scope and trends of modern medicine, inter-relationships of medical sciences and specialties, socio-economic factors related to problems of disease, medical care, and the application of quantitative methods to medicine. In the second year lectures are given on the general principles of epidemiology and disease control, environmental sanitation, vital statistics, public health administration, school hygiene and other aspects of public health. Field work consists of supervised visits to public water supplies, milk pasteurization plants, restaurants and other food handling establishments, public schools and the Provincial Department of Health laboratories. In the third year lectures, clinics and seminar discussions are held on clinical preventive medicine as related to control of acute communicable diseases, venereal diseases, tuberculosis and other chronic diseases, maternal and child care, mental hygiene, industrial hygiene, nutrition and dental hygiene. Seminars are also held on medical economics and systems of medical practice. Field work during the seminar includes a survey of the student's home district with regard to sanitation, public health and welfare organizations, medical and hospital care.

In the fourth year clinics in preventive medicine are held in cooperation with the Departments of Medicine, Pediatrics and Obstetrics. Visits are made to the homes of out-patients of these clinics to study the effects of socio-economic factors on the etiology and treatment of disease. Other clinics are held on immunizations and other preventive procedures.

Text Books: *Textile: Preventive Medicine and Public Health. Economics: Preventive Medicine and Hygiene. American Public Health Association: The Control of Communicable Diseases.*

IX. Physical Diagnosis and Methods of Clinical Investigation

This course is given to students of the second year. The class is divided into groups, which are assigned to individual instructors and by a system of rotating, receive instruction in the examination of the various systems in the adult and child.

Text Books: *Hutchinson and Hunter: Clinical Medicine. Eastman: Physical Diagnosis. Cabot and Adams: Differential Diagnosis. Major: Physical Diagnosis. Chamberlain: Signs and Symptoms of Clinical Medicine.*

X. Medicine

Professor..... C. W. Holland (Head of Dept.)
Associate Professors..... J. W. Reid, C. S. Marshall (Neurology),
J. W. MacIntosh, T. M. Sieniowicz,
Assistant Professors..... D. J. Tinning, R. M. MacDonald,
L. C. Steves, C. J. W. Beckwith,
Lecturers..... H. L. Scamman, A. R. Morton, H. L. Akers.

1. A course of lectures and recitations three hours each week, dealing with diseases of the digestive, circulatory, respiratory and nervous systems is given in the third year.

2. A course of lectures and recitations one hour each week, dealing with infectious and constitutional diseases, the blood, sugarless glands, diabetes, and diseases affecting the kidneys and liver, is given in the fourth year.

Text Books: *Medicine: Practice of Medicine. Color and Mosaic: Principles & Practice of Medicine. J. J. Compere: A Textbook of Medicine. Stevens: Practice of Medicine. Cecil: Text Book of Medicine. Price: Practice of Medicine. Buggs: Practice of Medicine.*

Reference Books: *Text: Practice of Medicine. Robert P. McCool: Internal Medicine in General Practice. Church and Norton: Errors and Mental Diagnosis. Oxford Monographs. Dr. Thomas Lewis: Diseases of the Heart. Beckman: Treatment in General Practice. Houston: Art of Treatment. Indian: Treatment of Infectious Diseases. Lovitt: Clinical Heart Disease. White: Heart Disease. Beckman: Gastro-entology. Wilson: Knowledge. Value: The Fundamentals of Internal Medicine.*

XI. Clinical Medicine

Professor..... C. W. Holland (Head of Dept.)
Associate Professors..... C. S. Marshall, J. W. Reid, J. W. MacIntosh,
T. M. Sieniowicz,
Assistant Professors..... D. J. Tinning, R. M. MacDonald, L. C. Steves,
C. J. W. Beckwith,
Clinical Instructors..... H. C. Read, G. A. Black, R. J. Akers,
Demonstrators..... W. J. Dyer, Margaret Goss.

An introductory course in Clinical Medicine with applied anatomy, physiology and biochemistry 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 Tuberculosis Hospital, the Dalhousie Public Health Clinic, the Children's Hospital and Camp Hill Hospital.

In the fourth year the students serve as clinical clerks at the Victoria General Hospital, the Halifax Tuberculosis Hospital, the Dalhousie Public Health Clinic, the Children's Hospital, Camp Hill Hospital and the Grace Maternity Hospital. Clinical conferences and lectures are conducted at the Victoria General Hospital. Out-patient Clinics are attended in small groups at the Victoria General Hospital and the Dalhousie Public Health Clinic. Students attend in small groups at the Halifax Hospital for Communicable 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 year.

XII. Therapeutics

Clinical Therapeutics is taken up in the regular course in Medicine. Once a week the third and fourth year students attend a conference devoted

to the subject of Therapeutics, illustrated by appropriate cases. Instruction in prescription writing is also given. This work is supplemented by a series of demonstrations in Physiotherapy, occupational therapy and clinical dietetics.

XIII. Medical Jurisprudence and Toxicology

Lecturer.....A. E. Murray

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 on medico-legal cases. Instruction in Toxicology is given by the Professor of Pharmacology during the fourth year.

Text Books: Gilman: *Text Book of Medical Jurisprudence and Toxicology*. Thomas: *Clinical Toxicology*.

XIV. Psychiatry

Professor.....R. O. Jones
 Assistant Professor.....R. W. M. MacKay,
 Clinical Instructor.
 Instructors.....Jessie M. Lawrence, F. R. Dunnsworth.
 Lecturers.....W. Leslie, M. C. Wellman.

The course consists of a series of lectures in Psychobiology in the 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 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 the Second Year. Throughout, emphasis is laid on the psychiatric aspect of general medicine, psychosomatic illnesses, and commonly occurring problems of child behavior.

In the Third Year, lecture courses in clinical psychiatry are given, covering the various reaction types with special reference to those most commonly met in general medicine. Problems of the neurosis, psychosomatic medicine and the application of psychiatric principles in general medical practice are especially considered.

In the Fourth Year students receive individual instruction, actually examining and treating neuropsychiatric cases at the Dalhousie Public Health Clinic. The students also attend Camp Hill hospital where they have the opportunity to see cases on the neuropsychiatric ward.

Demonstrations are arranged during the year, including visits to the Nova Scotia Hospital and the City Home, Halifax.

Post-Graduate instruction leading to certification in Psychiatry is carried out in conjunction with residences at the Victoria General Hospital, the Nova Scotia Hospital and Camp Hill Hospital.

Text Books: Munch: *Psychobiology and Psychiatry*. Slesinger and Ehrlich: *Practical Clinical Psychiatry*. Stricker: *Essentials of Psychiatry*. Noyes: *Modern Clinical Psychiatry*.

XV. Surgery

Professors.....W. Alan Curry (Head of Dept.)
 Associate Professors.....C. E. Kinley,
 V. O. Mader, N. H. Goss, J. V. Graham;
 Assistant Professors.....E. F. Ross, A. L. Murphy, H. D. O'Brien, J.
 A. Noble, J. W. Merritt, T. B. Acker, J. C. Acker, W. D. Stevenson
 (Neuro-Surgery).

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.

The Victoria General Hospital and Medical College offer a two-year post-graduate course in general surgery and the basic medical sciences. This course is planned to enable graduation to qualify for specialists' examinations in general surgery and the F.R.C.S. (Canada).

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

Text Books: Ross and Colles, Thomson and Miles, Homan and Christopher.

XVI. Clinical Surgery

Professor.....W. Alan Curry (Head of Dept.),
 Associate Professors.....C. E. Kinley, V. O. Mader, N. H. Goss, J. V. Graham,
 Assistant Professors.....R. F. Miller (Orthopedics), E. F. Ross, A. L. Murphy,
 H. D. O'Brien, J. A. Noble, J. W. Merritt, T. B. Acker, J. C. Acker,
 W. D. Stevenson (Neuro-Surgery).
 Clinical Instructors.....A. M. Marshall, C. C. Stoddard,
 Lecturers.....W. E. Pollett, B. K. Coady.
 Demonstrators.....E. P. Nonamaker, J. H. Charman, G. W. Bethune.

A short course of clinical demonstrations 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, Camp Hill Hospital 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. Through the courtesy of D.V.A. our students attend Camp Hill Hospital, in small groups, for instruction in Clinical Surgery. They also attend clinical lectures and conferences. Orthopaedic Clinics are held at the Children's Hospital and at the Victoria General Hospital.

XVII. Urology and Dermatology

Professor.....	Frank G. Mack.
Assistant Professor.....	C. L. Gosso.
Demonstrators in Clinical Teaching.....	H. G. Quigley, J. F. L. Woodbury, C. H. Readson, Ian H. MacGregor.

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 out-patient department of the Victoria General Hospital.

Text Books: *Lewis and Kirkin: Clinical Urology*, 2nd. Ed., G. H. Pritchard; *An Introduction to Dermatology*.

XVIII. Eye, Ear, Nose and Throat Diseases

Professor.....	H. W. Schwartz (Head of Dept.)
Associate Professor.....	R. H. Stoddard.
Assistant Professors.....	H. W. Kirkpatrick, A. K. Dault, Jr.
Demonstrators.....	D. M. MacRae, L. G. Holland.

The third year students are divided into groups of four to six and each group is taken twice a week for six weeks and instructed in the technique of examination of the ear, nose and throat and once a week for six weeks for the eye. Emphasis is on the normal and its variations rather than on the pathological and the making of a diagnosis. At the conclusion of such courses the student is at ease with the head mirror and ophthalmoscope and is familiar with the appearance of ear drum, larynx and fundus oculi.

The Out-Patient Department, consisting of two ear, nose and throat clinics and one eye clinic a week, gives assigned students and attached internes an introduction to some of the conditions and problems they may expect to meet in their future practice.

Throughout the season lectures are given to the fourth year students once a week—fourteen on the ear, nose and throat, and eleven on the eye. These presentations are illustrated by wet and dry specimens—both anatomical and pathological and lantern slides—and the whole enriched by case reports and clinical experience. It is ever kept in mind that the student is being prepared for general practice.

Text Books: *Adler: Gland*; *Text Book of Ophthalmology*; *Bullington: Otolaryngology and Laryngology*; *Peters: Man's Diseases of the Ear*; *Logan Turner: Diseases of the Nose, Throat and Ear*; *Samson Hall: Diseases of the Ear, Nose and Throat*.

XIX. Radiology

Lecturer.....S. R. Johnston (in charge of Department), R. L. Smith.

A short course of lectures on X-ray diagnosis and the therapeutics of X-ray and Radium is given in the fourth year.

The students of the fourth year in groups of two receive personal instruction in fluoroscopic demonstration, examination of films and the principles of radio-therapeutics.

XX. Obstetrics and Gynaecology

Professor.....	H. B. Atlas (Head of Dept.)
Associate Professor.....	W. G. Colwell.
Lecturer.....	K. M. Grant.
Demonstrator in Obstetrics and Gynaecology.....	Dr. Joan Macdonald.
Demonstrator of Practical Obstetrics.....	J. A. Macdonald, (Chief of Clinic).

Obstetrics: A course of lantern and manikin demonstrations two hours per week until Christmas 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 Dalhousie 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 daily group instruction at the Victoria General Hospital. Groups from this year also attend the Gynaecological clinic at the Dalhousie Public Health Clinic.

Text Books: *Obstetrics: Ten Teachers: Midwifery*; *Books: Obstetrical Practice*; *Gynaecology: Ten Teachers: Diseases of Women*; *Curtis: Textbook of Gynaecology*.

More Advanced Reading: *Obstetrics: Dukes: Principles and Practice of Obstetrics*.

XXI. Paediatrics

Professors.....	G. B. Wirtwell (Head of Dept.) M. J. Carney.
Assistant Professor.....	N. B. Coward.
Lecturer.....	H. B. Ross, Adelaide L. Fleming.

Lectures begin in the second year on Physical Diagnosis and growth development and practical demonstrations are given to groups of students. This is continued in the third year. In the fourth year, theatre clinics are held twice weekly at the Children's Hospital. Group clinical teaching is carried on daily in the wards of the Children's and Grace Maternity Hospitals and in the out-patient department of the Public Health Clinic and students are assigned to cases as clinical clerks. In the fifth year, the internes receive instruction in the more frequent procedures of the diagnosis and treatment of diseases in children.

Text Books: (1) *Mitchell-Nelson: Text Book of Paediatrics*; (2) *Petersen and Merrifield, 2 vols. Diseases of Children*; (3) *Duncan: The Complete Paediatrician*.

Reference Books: *Brumptown: Practice of Paediatrics*, 4 vols. Holt and McIntosh: *Diseases of Infants and Children*. *Saunders: The New Born Infant*.

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.

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 (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. 17 *et seq.*

The University, in recognition of its responsibility to the public, and for its own reputation, reserves the right to terminate the attendance of any student at any time should it appear that he is unlikely to reach such a standard, 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.

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

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 p. 35,37.

Academic Year

The Academic Year consists of one session of eight months' duration. The session of 1949-50 will begin on Tuesday, September 13, 1949, (except for the First Year and Second Year which will begin on Tuesday, September 6), and end on Tuesday, May 16, 1950.

No students will be admitted after noon of Monday, September 12 for First and Second Year students, or Monday, September 19, for other Dental students.

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. 25 *et seq.*

Curriculum*

The course for the degree of Doctor of Dental Surgery extends over four years. The course is as follows:

First Year

Anatomy I and Practical Anatomy; Biochemistry 3; Dental and Comparative Dental Anatomy; Embryology; Histology; Physiology 1.

*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 conditions and conditions laid down.

Second Year

Bacteriology 1; Pharmacology and Materia Medica; Operative Dentistry; Pathology 1; Physiology 2; Prosthetic Dentistry and Metallurgy.

Third Year

Crown and Bridge Work; Dental Infirmary; Dental Pathology and Therapeutics; Exodontia 1; 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; Exodontia 2.

Regulations for Degree

In addition to the Matriculation or Preliminary examination, candidates for degrees are required to pass four Professional examinations, one at the end of each year of the course, on the dates set in the University Almanac. The examinations are arranged as follows:

First Professional Examination

One paper in each of the following subjects: Dental and Comparative Dental Anatomy; 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: Pharmacology and Materia Medica; Operative Dentistry; Pathology; Prosthetic Dentistry and Metallurgy; one paper and an oral examination in Bacteriology and Physiology 2.

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; Exodontia; 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, Orthodontics, Radiology.

Pass and Distinction Lists

The names of candidates successful in the examinations are arranged in the published lists in two divisions, the Pass and Distinction divisions. To pass a candidate must obtain a minimum mark of 50 per cent in each subject.

For Distinction in any subject he must obtain a mark of 75 per cent or over in that subject. The names in the Pass division of the list are arranged in alphabetical order; those in the Distinction list are in order of merit.

Admission to Examinations

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

1. They must attend the prescribed classes of the curriculum regularly and punctually. Certificates indicating less than 90 per cent of attendance upon any class will not in ordinary circumstances be accepted.

2. They must prepare such exercises, reports, etc., as may be prescribed, and in the case of classes involving laboratory or practical work they must complete such work satisfactorily. The practical requirements in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry, and Orthodontics, in the second, third and fourth years must be fulfilled before the theoretical examinations are written.

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

Halifax, N. S. _____ 19__

I, the undersigned, being desirous of obtaining the Degree of Doctor of Dental Surgery, do hereby declare that I have attained the age of twenty-one years (or, if the case be otherwise, that, shall have attained the age of twenty-one years before the next graduation day).

(Signed) _____

Supplemental 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 supplemental 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 not receive any credit for work done in that year.

Supplemental 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 supplemental 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 Registrar's Office, and must be accompanied by the proper fee (See p. 152).

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. 58-62.

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. Osner 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.

The Dr. I. G. Nathanson Anatomy Prize.—Books to the value of \$15 to be awarded to the student having attained the highest average on completion of the anatomy course, provided all courses of the first year of the Dental course shall have been successfully completed.

The Dr. H. S. Crosby and Dr. J. P. McGuigan Children's Dentistry Prize.—Books or periodical to the value of \$15.00 to be awarded to the Fourth Year student who has shown the greatest aptitude for Children's Dentistry.

Modern Dental Laboratory Prize.—A book prize to be awarded to the student in the final year who has shown the greatest proficiency in the clinical practice of Prosthetic Dentistry.

The B'nai B'rith Essay Prize.—A cash prize of \$50.00 awarded to the student of the third year by a jury of award for the best essay in a subject selected annually by the Dental Faculty. The subject of the essay and the conditions of the award will be announced during the session.

The College of Dental Surgeons of New Brunswick.—Cash prize of \$25.00 for award to a student in the Third Year.

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).....	\$ 16.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	21.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day.....	2.00

For Tuition

Payable by those taking the regular prescribed curriculum, each year.....	\$315.00
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This includes tuition, hospital, laboratories, the use of a microscope and a dental engine, 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 fee 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 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.

For Examinations

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

**Supplemental examination, 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.

Certificates of Standing: first copy no charge; additional copies each \$.50	
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 21 to 23 for

Loan Funds.

Caution Deposit.

Laboratory Deposits.

Fee for support of Student Organizations.

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

**If application for refund of supplemental examination fees is not made within 30 days of the regular examination date, the fee will be forfeited.

CLASSES OF INSTRUCTION

For the details of Classes in—

Anatomy, and Histology and Embryology.

Physiology.

Biochemistry.

Pathology and Bacteriology.

Pharmacology.

See p. 133 *at seq.*

Dental Anatomy and Comparative Dental Anatomy

Lecturer..... J. P. McGuigan.

Dental Anatomy.—This course includes a study of the contents of the buccal cavity from a dental standpoint. A practical course in tooth saving 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.

Hygiene, Preventive and Clinical Dentistry

Professor..... J. S. Bagnall.
Demonstrator in Pre-School-Age Public Health Clinic..... L. S. Goldberg.

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..... John W. Duboss.
Lecturer..... D. C. Eaton.

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.

Dental Pathology and Therapeutics.

Lecturer..... A. Berdon 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 *Ptychothoa Alveolaris*.

Pharmacology and Materia Medica

Lecturer..... J. W. Dohson.

This course is given in the second year. In the first term, in the department of Pharmacology, by means of lectures and laboratory work the student becomes familiar with the principles of drug action. After Christmas the therapeutic application of drugs used in dentistry is presented in detail.

Orthodontics

Professor..... Wm. W. Woodbury.
Demonstrator..... P. S. Christie.

This subject will be presented in a course of lectures and clinical demonstrations during the last two years.

Oral Surgery, Anaesthesia and Physical Diagnosis

Associate Professor..... J. Arnold Nebel.
Lecturer..... G. MacKinnon.

A course of lectures on General Surgery given during the second term of the third year.

Surgery.—A course on Oral Surgery, to be given during the final year, embracing operations which the dental surgeon should be able to perform.

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

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

Exodontia and Anaesthesia

Professor..... O. L. Croft.
Demonstrators in the Adult Public Health Clinic..... O. L. Croft,
I. K. Lubetsky, A. G. Nutlay, F. C. Fensell.

Exodontia.—A course of weekly lectures and demonstrations in the third and fourth years, which will include the study of local and general anaesthesia. 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 Books: Winter, *Surger*.
Reference Books: Smith, Thomas, Hewitt, Detroit.

Radiology

Professor..... H. M. Eaton.

A course of lectures and demonstrations weekly during the third year followed by practical work in the Infirmary.

Text Book: Bauer, 3rd edition.
Reference Books: McCoy, Thomas, Osgood.

Prosthetic Dentistry

Professors..... W. G. Dawson, J. S. Sagnall.

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: Prothers, Wilkie, Campbell, Nichols.

Crown and Bridge Work and Ceramics

Professor..... G. A. Chadleigh.
Assistant Professor..... G. M. Dewia.
Lecturer..... J. E. Morrill.

This subject will be presented by lectures, demonstrations and laboratory technique. It will continue throughout the last two years, with Infirmary practice.

Gold and Porcelain, Crown, Bridge and Inlay Construction will receive proper attention. Students who may desire to use their own electrical furnaces will be supplied with electric connections. Precious metals may be supplied by the students for all technique.

Text Book: Dentistry.
Reference Books: Kings; *Crown and Bridge*. Pease; *Crown and Bridge*. Godwin; *Crown and Bridge*. Lupton; *Ceramics*. Cooper; *Ceramics*. Rowland; *Ceramics*.

Metallurgy

Lecturer..... J. S. Sagnall.

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 Book: Ray, Knoxville, Gibson.

Dental History, Jurisprudence, Ethics and Economics

Lecturers..... G. M. Dewia,
F. W. Bassett, W. W. Woodbury, H. S. Crosby.

History.—History and development of Dentistry.

Reference Book: Taylor.

Ethics.—A brief statement of the important principles of morals and obligations of professional men to their patients, other practitioners and the public.

Reference Book: Napsa.

Jurisprudence.—A discussion of the subject as it affects the qualifications and responsibilities of the Dental Surgeon.

Reference Book: *Brothers.*

Eosmewica.—The students' attention is directed to factors that make for success in dental practice; to a consideration of the rewards of service, and to an appreciation of their values.

Reference Book: *Johnson: Success in Dental Practice.*

UNIVERSITY LISTS

Degrees Conferred Session 1947-48

Convocation, May 11, 1948

*—Degrees conferred during session.

**—In absentia.

Honorary Degree of Doctor of Laws

Garnet Gladwin Sedgewick, B.A. (Dal.),
Ph.D. (Harr.), F.I.L.S.C. Vancouver
Professor and Head of the Department
of English, University of
British Columbia.

Master of Arts

Balton, John Bishop, B.A. New Glasgow, P.E. Co.
**Black, Virginia Safford, B.A. (Wellesley) Vancouver, B. C.
*Boite, Kenneth Louis James, B.A.
B.Com. Halifax
Forbes, Edgar William, B.A., M.A. Dartmouth, Hfx. Co.

Master of Science

*Anderson, George Wilson, B.S.A.,
(O.A.C.) Halifax
MacCallum, Wallace Allison, B.Sc.,
(M.L.A.), B.E. (N.S.T.C.) Halifax
Mifford, George Noel, B.Sc. (M.L.A.) Liverpool, Queens Co.
Milligan, George Clinton, B.Sc. Halifax
Phinney, John Inglis, B.Sc., B.A. (Acadia) Halifax
Reid, Thom Alban, B.Sc. Saint John, N. B.
Smith, Charles Hazdon, B.Sc. Dartmouth, Hfx. Co.
Wilmet, Isabella Ruth, B.Sc. Moncton, N. B.
Yates, Peter, B.Sc. (London) Essex, England

Bachelor of Arts

Allsup, Doris Pauline Halifax
Archibald, Willis Moore (King's) Glace Bay, C. B. Co.
*Barbour, Chesley Lundbergh New Glasgow, P.E. Co.
Best, James Elan Calbert (King's) Saint John, N. B.
Beveridge, Helen Wilson Elmdale, Hants Co.
Bridgford, Hope Bingham (King's) Saint John, N. B.
Buchanan, Coriwen Howe Halifax
Casey, Joan Iris Halifax
Clemm, Solomon Glace Bay, C. B. Co.
Christie, Mary Louise Halifax
Colburn, Edward Neil Sydney, C. B. Co.
Cotnam, Arthur Wilbert Halifax
Corbin, Harry Sinclair Packer (King's) Conquerall Brook, Lun. Co.
Cough, Yvonne Jean Woodstock, N. B.
Cox, Douglas Maxwell Halifax
Cullen, Dorothy Agnes Charlottetown, P. E. I.
Dalrymple, Whitney Harriet Bridgetown, Anns. Co.
Epstein, Evette St. John's, Nfld.
Forrest, Dorothy Mabel Ambient Point, Cumb. Co.

Geller, Adina	Glace Bay, C. B. Co.
Gardino, Philip Bernard	South Nelson Road, N. B.
Griffith, Alfred, B.Sc.	Halifax
Griffith, Eleanor Elizabeth	Dartmouth, Hfx. Co.
Hanington, Peter (King's)	Saint John, N. B.
Hawkins, Edith Peppard	Milford Station, Hants Co.
Hoffler, Tremaine Edmond	Halifax
Honnigar, William James	Truro, Col. Co.
Holmes, James Alexander	Saskatoon, Sask.
Kaplan, Julia	Stellarton, Pse. Co.
Kinley, John Robert (King's)	Port Hillford, Guys. Co.
Lawrence, Jean Maureen	Dartmouth, Hfx. Co.
MacAulay, Roderick Alexander	Glace Bay, C. B. Co.
MacCormack, John Ronald	Halifax
Macdonald, Eileen Veronica	Halifax
MacIsaac, Hugh Murray	Halifax
MacKenzie, Jack Gilmoro	North Sydney, C. B. Co.
MacKinnon, Zeida Gertrude	Halifax
MacLean, Neil James	Louisburg, Inv. Co.
MacLeod, Alexander Ross	New Glasgow, Pse. Co.
MacLeod, Mary Louise Archibald (King's)	Pictou
MacPhie, Harvey William	Halifax
Marshall, Carolyn Louise (King's)	Springfield, Anns. Co.
Mayo, Samuel Raymond, B.Sc.	Fortune, Nfld.
Milne, (Waddell) Winifred Mary Madeline	Halifax
Milton, Leza Marie	New Glasgow, Pse. Co.
Morris, Arthur William Remis	St. John's, Nfld.
Morgan, Margaret (King's)	St. John's, Nfld.
Muir, Dorothy Jean	Windsor, Hants Co.
Nicholson, Winifred Mary	Dartmouth, Hfx. Co.
Nunn, Thomas Joseph	Halifax
Orr, William Patterson	Saskatoon, Sask.
Palmer, Aleah Henderson (King's)	Summerside, P. E. I.
Parrott, Eric George (King's)	New Perlica, Trinity South, Nfld.
Pasand, Geoffrey Ears	Halifax
Pippy, Harley Edwin (King's)	Glace Bay, C. B. Co.
Pope, William Robert	Halifax
Powell, Helen Grace	Pictou
Reid, Herbert Walker	Gabarusco, C. B. Co.
Ross, Roy Weldon (King's)	Sydney, C. B. Co.
Ruck, Simon Ashbrooke	Southeast, England
Sherwell, Brian (King's)	Halifax
Simms, John Aloys	New Glasgow, Pse. Co.
Slade, Jabez Hill	Selmon Cove, Nfld.
Smith, George Alister Sutherland	Sydney, C. B. Co.
Speller, Robert Gordon	Hopewell, P. E. I.
Tuck, Robert Critchlow (King's)	Auburn, King's Co.
Verge, Edis Gloria	Halifax
Walker, Joan Katherine	Halifax
Weatherby, Shirley Agnes	Truro, Col. Co.
Webber, Carl Samuel	Halifax
Wilket, Robert David	Summerside, P. E. I.
Willis, Byron Lester	Blackheath, London, England
Wilson, George Alan	Dartmouth, Hfx. Co.

Bachelor of Science

Bossason, Robert Charles	Sydney, C. B. Co.
Boulos, Joseph Bertram	Deer Lake, Nfld.
Bryant, Mary Alberta (King's)	Charlottetown, P. E. I.
*Caldwell, Gordon Wallace	Bristol, N. B.
Cameron, John Nelson	Montreal, Que.
*Cameron, Robert Alan	Halifax
*Carroll, William Joseph	Bonaville, Nfld.
Croft, Ainsley Milward	Dartmouth, Hfx. Co.
Cruikshank, Elsie May	Jollimore, Hfx. Co.
Dunphie, Gerald Albert	Halifax
Davison, Wilbert Lloyd	Truro, Col. Co.
Eustace, Frederick Charles	Brooklyn, Queen's Co.
Gabriel, Frederick John Rossell	Annapolis Royal, Anns. Co.
Globe, Richard Leonard	Halifax
Gorham, Anne Louise (King's)	Halifax
Hall, Horace Stanley	St. John's, Nfld.
Hennsberry, Gerald Owen	Ottawa, Ont.
Hemmesey, John Patrick	St. John's, Nfld.
Hill, Richard Harry Wooding	Luttenburg
*Hoffman, Hermine Deborah	Saint John, N. B.
Kelly, William John Paul	Kentville, King's Co.
Leonard, Vera Georgie	Sydney, C. B. Co.
Livingstone, Daniel Archibald	Halifax
Lyons, Carl Owen	Kingston, Jamaica, B. W. I.
MacLeod, James Hall	Halifax
McNeill, Ronald Joseph	Rockingham, Hfx. Co.
Mahabir, Kinsudath	San Fernando, Trinidad, B. W. I.
Mahon, Elizabeth Helen	Halifax
Merriman, Richard Kerr	Wolfville, King's Co.
Morgan, Cyril Reeves	Armadale, Hfx. Co.
Morris, William Frederick	Dartmouth, Hfx. Co.
Marchison, James Harper	Sydney, C. B. Co.
Noftle, Jean Irene	Halifax
Oed, Muriel Jean	Dartmouth, Hfx. Co.
Piggott, Carmen Lambert (King's)	Bridgetown, Anns. Co.
Ramskillop, Pearl	San Fernando, Trinidad, B. W. I.
Rathie, Eleanor Lois	Westville, Pse. Co.
Reid, Albert Richard	North Sydney, C. B. Co.
Roseband, James Addison	Tunapuna, Trinidad, B. W. I.
Rose, James Stephenson	Halifax
Rundle, Margaret Louise	Halifax
Schwartz, Mary Elizabeth	Halifax
Sherren, William Dudley Leonard (King's)	Charlottetown, P. E. I.
Singh, Walter Bhagwan Anandpaul	Pis. De Hoop, British Guiana
Stewart, Donald Keith Robert	Halifax
*Summers, William Francis	St. John's, Nfld.
Taylor, Wilbur Kirkpatrick	Bush Cove, Hfx. Co.
Tingley, Irvine Ira	Halifax
Troop, Douglas Roberts	Bridgetown, Anns. Co.
Vail, Roy Keith	Halifax
Wadup, Rex Stanley	Moncton, N. B.
Ward, Leon Archibald	Moncton, N. B.
Waits, Anne Hibbard Goss (King's)	Halifax

Webber, Russell Vincent	Cambridge, Kings Co.
Wilson, Nancy Jane	Saint John, N. B.
Woodside, Donald Garth (King's)	New Glasgow, P.E. Co.

Bachelor of Commerce

Adams, Robert Creighton	Lanesburg
Cameron, Ross Vail	Halifax
Campbell, Donald Fraser	Halifax
Carter, Kenneth Miller	Truro, Col. Co.
Cochran, Charles Bruce Chambers	Halifax
Creighton, Bernard Sydney	Amnabide, Hfx. Co.
Darphinas, Kenneth Alban	Odford, Cumb. Co.
Dodgson, John Sponage Huston	Middleton, Anna. Co.
Dunlop, Stephen Blair	Halifax
Fraser, Alex Gordon	Truro, Col. Co.
Fraser, Rowland Cardwell	St. Stephen, N. B.
Hardie, Beaming Henry	Amherst, Cumb. Co.
Hickman, Donald Eugene	Odford, Cumb. Co.
Hunt, Percival Augustine	Sydney, C. B. Co.
James, Kenneth Nat	Halifax
Leverman, Graham Stirling	Lakeriew, Hfx. Co.
Lyall, Robert Hunter	Halifax
MacKenzie, John James	Stellarton, P.E. Co.
Munichson, William	Halifax
Millie, Irvine Eugene	Bath, N. B.
Mitchell, Robert Oscar	Halifax
Moffatt, Douglas Stewart	Sydney, C. B. Co.
O'Brien, Stanley Eugene	Yarmouth
Power, William Frederick	Lakeville, Kings Co.
Rogers, John Rowland	Charlottetown, P. E. I.
Shellnutt, Graham Stewart	Halifax
Slipp, Earle Whitfield	Woodstock, N. B.
Steeves, George Harold	Petateoan, N. B.
Thistle, Frederick Munroe	Burlington, N. D. Bay, N.B.

Bachelor of Laws

Arlotto, Llewellyn Philip	Toronto, Ont.
Armstrong, David Mills, B.A. (Acadia)	Granville Ferry, Anna. Co.
Beadon, Richard Perry	Halifax
Chipman, William George	Bridgetown, Anna. Co.
Chisholm, Duncan John	Antigonish, Guys. Co.
Churchill-Smith, Alan David	Halifax
Chouinard, Lester Laurence, B.A. (Acadia)	Wolfville, Kings Co.
Croughan, William Lawrence Marvin	Moncton, N. B.
Cropan, James Joseph Daniel, B.A. (Ottawa)	Begins, Sask.
Crowe, Patrick John Kenneth	Glace Bay, C. B. Co.
Cummings, Henry Hickman, M.A.	St. John's, N.B.
Daig, David Norman Watson, B.Com.	Halifax
Drury John Stewart, B.A. (McA.)	Amherst, Cumb. Co.
Dunnet, Gordon, B.A. (Sask.)	Halifax
Easton, Keith Emerson, B.A. (Acadia)	Canning, Kings Co.
Eisenbauer, Harry MacDonald	Lower La Have, Lun. Co.
Foster, Gerald Raymond	Charlottetown, P. E. I.
Frost, Donald James, B.A. (St. F.X.)	Moncton, N. B.

Giles, Thomas Augustine	Thompson Station, Cumb. Co.
Gillis, Donald Joseph, B.A. (St. F.X.)	Doctoe's Brook, Antig. Co.
Hart, Gordon Leavitt Shaw, B.A.	Halifax
Hawkins, George Stewart, B.A.	Milford Station, Hants Co.
MacAdam, Hugh Gerald, B.A. (St. F.X.)	Margaroe Harbour, Inv. Co.
MacDonald, John Joseph Andrew, B.A. (St. F.X.)	Halifax
MacDonnell, Hugh John, B.A. (Mt. A.)	New Glasgow, P.E. Co.
MacEachern, Donald Alexander, B.A.	Port Hood, Inv. Co.
MacEwan, Howard Russell	Westville, P.E. Co.
MacIntosh, Alexander John	Halifax
MacKay, George Alexander	Halifax
MacLean, Ann Eileen	Port Harkesbury, Rich. Co.
MacLellan, Robert Gordon Primrose	Halifax
MacLellan, Robert Simpson, B.A. (St. F.X.)	Sydney, C. B. Co.
MacNeil, Donald Campbell	Sydney, C. B. Co.
Meldrum, Wendell Wynn	Headgewater, Lun. Co.
Mitchell, Leonard, B.Com.	Amnabide, Hfx. Co.
Marrison, Vincent Alan James, B.A. (St. F.X.)	Sydney, C. B. Co.
Nickerson, Bruce MacLean	Halifax
North, Murray Albert, B.A. (Acadia)	Canning, Kings Co.
Patton, John MacMillan Stevenson, B.Sc. (Queen's)	Kingston, Ont.
Rosch, Angus Joseph, B.A. (St. F.X.)	New Waterford, C. B. Co.
Reddan, Keith Edgar William	New Glasgow, P.E. Co.
Rogers, Edmund Ormsby	Yarmouth
Ryan, Murray James	North Sydney, C. B. Co.
Walker, Philip Harry Gillespie	Halifax
Williams, Thomas Alexander, B.A. (Mt. A.)	Halifax
Wylie, Norman Victor Kitchener	Halifax
Yeoman, Mark Mackay, B.A. (St. F.X.)	Annapolis Royal, Anna. Co.

Doctor of Medicine and Master of Surgery

Acker, Melvin Irving, B.A. (U.N.B.)	St. Stephen, N. B.
Allen, Lloyd Sharp	Summersburg, P. E. I.
Burdett, Lorne Houston	Dunside Centre, P. E. I.
Carton, Arthur Kevin, B.Sc. (St. F.X.)	Parvillo, N. B.
Cleveland, Eric Joseph, B.Sc., M.A.	Halifax
Cox, Lloyd Sutherland	Morrell, P. E. I.
Deacon, Marcus Allison	Prentown, P. E. I.
Drysdale, Ronald Douglas, B.Sc.	Halifax
Earle, Thomas Harvey	South Nelson, N. B.
Epstein, Nathan Bernice	New Waterford, C. B. Co.
Fangor, Ray Wilfred	Young's Cove Rd., N. B.
Fraser, Richard Cameron	New Glasgow, P.E. Co.
Froedman, Lewis Herbert	Saint John, N. B.
Grant, Robert Silver, B.Sc.	Halifax
Joy, Clifton Joseph	Port-au-Port, N.B.
Lee, Earl Robert	Fredericton, N. B.
Lewis, Randolph Anthony Lopez	Kingston, Jamaica, B. W. I.
McGillivray, Joseph Irving	Amherst, Cumb. Co.
MacLennan, Neil Kenneth, B.A. (Mt. A.)	New Glasgow, P.E. Co.

Metcalf, Donald Carey Francis	Martino, N. B.
Milton, Gordon Lookhart	Campbellton, N. B.
Missoner, Francis Joseph, B.Sc. (St. F. X.)	Glouce Bay, C. B. Co.
Neary, Angus James	St. John's, Nfld.
Neizman, Gregory Martin Albert	Conor Brook, Nfld.
Ray, Douglas Leonard	Halifax
Reinsel, Ian Edwin Lawson Hollands, B.A. (Tor.)	Halifax
Saunders, Allison Leeman	Carbonar, Nfld.
Shaw, Walter Maynard	Charlottetown, P. E. I.
Sigworth, Pius Manning Walker	Clyde River, P. E. I.
Stevenson, Lorne John	Newport, P. E. I.
Sutherland, Daniel Lawrence	St. John's, Nfld.
Thorpe, Ronald Vincent, B.Sc. (Acadia)	Bidon
Wilson, James Alfred Scott	Kentville, Kings Co.
Wright, Charles Stewart, Jr., B.A. (Tor.)	Berwick, Kings Co. Toronto, Ont.

Doctor of Dental Surgery

Dalton, Ormond Edward, B.Sc. (St. F. X.)	Summerside, P. E. I.
Darcy, James Mirhaud	St. John's, Nfld.
Gunn, Cyril	Sydney, C. B. Co.
Hardy, John Everett	Gabarus Baccabis, C. B. Co.
McMurdo, William Archibald	Summerside, P. E. I.
McNee, Sydney John	Glouce Bay, C. B. Co.
Maxwell, Donald Brendan	Sydney Mines, C. B. Co.
Stevens, Donald Cecil	Moncton, N. B.
Taylor, Holden Frederick	Yarmouth

Graduate Diplomas in Education

Brown, Philip Gordon Allen Wambolt, B.A.	Halifax
Campbell, George Allan, B.A.	Halifax
Clarkson, James Allan, B.A.	Halifax
Embre, Suzanne Helene, A.B. (Well- sley), A.M. (Columbia)	Port Hawkesbury, Inv. Co.
Farguhar, Mary Duffin, B.A.	Halifax
Graham, Dorothy Jean, B.A.	Halifax
Hartling, Arthur Charles, B.A.	Halifax
Hawes, John Conrad, B.Sc. (St. F. X.)	Haas Hill, Guys. Co.
Lund, Shirley Roberts, B.A.	Dartmouth, Hfx. Co.
MacLellan, Donald Benson, B.Sc. (Acadia)	New Glasgow, P. Co.
Pontz, Alice Sylvia, B.Sc.	Halifax
Silver, Isabel Joyce, B.A.	Dartmouth, Hfx. Co.

Licentiate of Music

Cantwell, Eileen Theresa	St. John's, Nfld.
Margeson, Phyllis Jean	Halifax
Mitchell, Marjorie Clara	Dartmouth, Hfx. Co.

Diplomas in Engineering

Anderson, Henry Maxwell	Annapolis Royal, Anna. Co.
Beak, Earl Douglas	Halifax
Bezanson, Robert Charles	Sydney, C. B. Co.

Bloomer, Basil Lynn	Halifax
Burns, Harry Francis	Halifax
Cameron, Robert Alan	Halifax
Carroll, Alfred Leon	Halifax
**Chaffey, Wilbur Joseph	Rama Island, Nfld.
Christie, William Borden	Dagby
Cowan, Ralph Glendon	Halifax
**Dunlop, James Donald	Kemegami, Que.
**Fiske, Raymond Ivan	Middle Masquodoboit, Hfx. Co.
**Flynn, Peter James	Halifax
Gabriel, Frederick John Rowell	Annapolis Royal, Anna. Co.
**Grandy, Paul Hitefin	Halifax
Hall, Howard Frank Bagdas	Petit Riviere, Lun. Co.
Harris, Harold Randall	Halifax
Hood, Charles Henry	Arnsdale, Hfx. Co.
Humphreys, Reginald Duncan	Woodside, Hfx. Co.
**Jesty, George Archibald	Dartmouth, Hfx. Co.
**Kelly, William John Paul	Kentville, Kings Co.
King, George Carlyle	Dartmouth, Hfx. Co.
Macdonald, Coll MacKenzie	Glouce Bay, C. B. Co.
MacDonald, John Edward Allan	Glouce Bay, C. B. Co.
MacDonald, William Grant	Halifax
**McPetridge, Neil Harold	Winnipeg, Man.
MacLeod, William Matthew	Halifax
**MacMillan, Malcolm Graham Peter	Glou. Haven, Hfx. Co.
Marshall, Harold Eugene	Springfield, Anna. Co.
Morgan, Cyril Reeves	Arnsdale, Hfx. Co.
**Morrison, Arthur Lewis	Kentville, Kings Co.
Murrow, James Benjamin	Lanesburg
Murchison, James Harper	Sydney, C. B. Co.
**Pettus, John Wilfred	St. Boniface, Rich. Co.
**Peters, Frederick Townsend	Sydney, C. B. Co.
Pratt, Harley Corey	Berwick, King's Co.
**Reade, Richard Bruce	Provincetown, N. B.
Ripley, Donald McLeod	Brookville, Ont.
Ritzy, Donald Rogmond	Bathford, Hfx. Co.
Rogers, James Donald	Halifax
Ross, Ian Donald	Waverley, Hfx. Co.
Sandall, Albert Rodney	Halifax
**Stevens, Creghton Kendall	Hillsboro, N. B.
Thompson, James Newton	Elmsdale, Hants Co.
Thurlman, Harold Edson	Dartmouth, Hfx. Co.
Tilley, Hubert Martin	Barton, Dagby Co.
Troop, Douglas Roberts	Bridgetown, Anns. Co.
Vail, Roy Keith	Halifax
Whaddon, Fred Harris	Stillwater, Guys. Co.
Whiteaway, Stirling Giddings, B.Sc.	Stellarton, P. Co.

Diplomas of Pharmacy

Acres, Lloyd Carson	Hantsport, Hants Co.
Andrews, Douglas Haig	Long Beach, N. B.
Atkins, Elizabeth Margaret	Halifax
Azur, Marjorie Isabel	Sydney, C. B. Co.
Beeler, Worthy Willett	Yarmouth
Buckley, Ronald Douglas	Sydney, C. B. Co.
Emmett, Frederick Charles	Brooklyn, Queens Co.

Henderson, John Alexander Gallenith, Sackville, N. B.	
**Johnson, Verdell Clinton, B.A. (Mt. A.) Perth, N. B.	
MacKnight, Ralph Dunbar.....	Now Glasgow, Pica. Co.
Merry, John Harlow.....	Middleton, Anns. Co.
Mitchell, Jean Mary.....	Halifax
Reno, Gerald Alfred.....	Woodside, Hfx. Co.
Shochy, Ralph Talbot.....	Halifax
Sinclair, Mary Fraser.....	Thornburg, Pica. Co.
Stallard, Douglas Arthur.....	Now Glasgow, Pica. Co.
Sutherland, Neil Smith.....	Westville, Pica. Co.
**Van Wart, James Robinson, B.Sc. (M.A.)	Edmundston, N. B.
York, Charles Hamilton.....	Edmundston, N. B.

HONOURS, PRIZES AND MEDALS

Diploma of Honour

English—High Honours.....	Carolyn Louise Marshall
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Diplomas of Distinction

Distinction.....	Dorothy Agnes Cullen George Alistair Sutherland Smith Robert Gordon Speller Whitney Barnes Dalrymple Irvine Ira Tingley Eric George Parrott Cecilwren Howe Buchanan Daniel Archibald Livingstone Helen Grace Powell Samuel Raymond Mayo, B.Sc. Winifred Mary Madeleine (Waddell) Milne Thomas Joseph Nann Donald Keith Robert Stewart William James Heminger Geoffrey Barnes Payzant
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Graduation Prizes and Medals

University Medals:

Faculty of Law.....	Alexander John Macintosh, B.A.
Faculty of Medicine.....	Angus James Neary
Faculty of Dentistry.....	Donald Cedric Steeves

The Avery Prize (First Distinction

Graduate).....	Dorothy Agnes Cullen
French Government Medal.....	George Alistair Sutherland Smith

Prizes Won by Graduates

James Gordon MacGregor Memorial Fellowships in Physics.....	Ainley Milward Croft Allison Gibson, B.A. (Mt. A.)
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National Research Council

Scholarships:

Studentships.....	Douglas Herbert Rogers, B.Sc. Alex Thompson Stewart, B.Sc. Stirling Giddings Whiteway, B.Sc. Douglas Wilson Wylie, B.Sc. (U.N.B.)
Bursaries.....	Daniel Archibald Livingstone Muriel Jean Ord Irvine Ira Tingley Anne Hibbard Goss Watts

ENTRANCE AND UNDERGRADUATE PRIZES, 1947-48

Entrance Scholarships

Morton R. Heinisch Memorial Scholarship.....	Stratos Peter Postos
Pictou Academy Scholarship.....	Eva Gilchrist Powell Bernard Bruce Lockwood Murray MacEachern Tolmie Maegery Una Morris Joseph Arthur Smeitser Phyllis Marilyn Aitken Roderick William Steeves Geneva Elaine McKay Mitchell Bonish Ellen Leon Beitman Gordon Harry Elop
Special Entrance Scholarships.....	
Special Scholarship.....	
Regional Scholarships:	

First Division.....

Eva Gilchrist Powell
Barbara Anne Murray
Betty Corinne Thompson
Ruth Marion Hulmer
William Alfred Tomblin
John Earle Boyd

Second Division.....

Wallace Irvin Findlay
Waldo Bernard Crosby
George Malcolm Graham
Muriel Anne Ritchie
Millan Grant Worthylake

Third Division.....

William Murdoch Adamson
Crystal Jean Merrick
Nancy Elizabeth Henderson

Undergraduate Scholarships and Prizes

Bruce Scholarship (1st Yr. Arts and Science).....	David Ritchie Chipman
George H. Campbell Memorial Scholarship (1st yr. Arts and Science).....	Murray MacEachern Tolmie
MacKenzie Scholarship (1st yr. Arts and Science).....	Ruth Marion Hulmer
Howard Murray Bursary (1st yr. Classics).....	Angela Carmen deCarterot

- Allan Pollok Scholarship (2nd yr. Arts and Science).....Betty Coriane Thompson
- North British Society Centennial Bursary (2nd yr. Arts and Science).....Geneva Elsie McKay
- Bruce Bursary (2nd yr. Arts and Science).....Dennis Wolfson
- Marion S. Morrow Chapter, I.O.D.E. Scholarship (2nd yr. English).....Herbert Noel Hamilton
- Khaki University Scholarships (3rd yr. Arts and Science).....Malcolm Lawrence Cameron
Norman Epstein
- Evangelina Chapter, I.O.D.E. Scholarship (English).....Cecidwen Howo Buchanan
- Hugh Graeme Fraser Memorial Prize (Advanced Chemistry).....Lloyd Clifton Johnston
- H.M.S. "Good Hope" Chapter, I.O.D.E. Scholarship (3rd year).....Michael Thomas Casey
- Archibald MacNacahan Scholarship (4th yr. English) equal.....William James Hennigar
Thomas Joseph Nunn
- Waverley Prize (Mathematics).....Mary Isabel Hettie
- Katharine Butehanaw Prize (Advanced Mathematics).....Ainsley Milward Croft
- Ross Stewart Smith Scholarship (Arts and Science).....Malcolm Lawrence Cameron
- James L. Hall Scholarship (2nd yr. Engineering).....Kenneth Fraser Margison
- B'nai B'rith Prize (Biology).....Hubert Reid Millard
(Zoology).....Hugh Neil Archibald MacDonald
- Special Physics Scholarship.....Charles Keith Hoyt
- Howard Murray Prize (Classics).....Beryl Laphan Anderson, B.A.
- Sarah M. Lawson Scholarship in Botany.....Shirley Mae Rachel Mason
- John Hamilton Barrett Prize (4th yr. Chemistry).....Irvine Ira Tingley
- Walter P. Copp Memorial Prize (Final year Engineering).....Arthur Lewis Morrison
- A.N.A. Club Scholarships for Ex-Service Women.....Mildred Coleridge Ellis
Jean Agnes MacPherson
- Montreal Maritime Women's Club Prize.....Marjorie MacGregor Archibald
- Nova Scotia Headmasters' Association Prize (Education).....Donald Benson MacLellan
- (In order to hold a scholarship awarded by the Faculty of Arts and Science a student must be in attendance in the Faculty during the session of 1945-46.)
- F. L. Milner Prize (1st yr. Law).....Harry Burton Rhude

- Carswell Prizes (Regular Course in Law).....2nd Nathaniel Stewart Noel
3rd Alexander John MacIntosh, B.A.
- Class of 1910 Prize (3rd yr. Law).....Alexander John MacIntosh, B.A.
- Class of 1911 Prize (1st yr. Law).....Harry Burton Rhude
- Vincent MacDonald Prize, (2nd yr. Law).....Ernest Amirault
- Stuart Lane Memorial Prize (3rd yr. Law).....Harry MacDonald Eisenhauer
- Faculty of Medicine Entrance Scholarships.....Robert Arnold Burden
Joseph James Hazel
Arthur Maxwell House
Robert Arthur Wentzell
- A. B. Wiswell Scholarship, (1st yr. Medicine).....Joseph James Hazel
- Professor R. J. Bean Prize (1st yr. Histology and Embryology).....Robert Arthur Wentzell
- Professor John Cameron Prize (1st yr. Anatomy).....Joseph James Hazel
- Anonymous Prize (2nd yr. Anatomy).....Herbert Harold Tucker
- John Stewart Chapter, (I.O.D.E.) Prize (2nd yr. Medicine).....John Cameron MacDonald
- Prize in Pathology (from the Hebrew Community of Nova Scotia and New Brunswick).....George Hubert Flight
Gordon Haig Algie
- The Charles E. Frosst Bursary.....Andrew James Cowie, M.D., Memorial Medal (4th yr. Obstetrics).....Lawrence Stiekney Van Blaricom
- Dr. John F. Bledal Prize (4th yr. Surgery).....Gordon Harold Sears
- Dr. Clara Olding Prize (4th yr. Medicine).....Lawrence Stiekney Van Blaricom
- Anonymous Prize (4th yr. Anatomy).....Patrick Joseph Whelan
- The Victoria General Hospital Prize.....Neil Kenneth MacLennan
- Halifax Infirmary Award.....Pine Manning Walker Sigworth
- Colonel Murray MacLaren Memorial Award (for service as Intern at the Saint John General Hospital).....Francis Joseph Misener
- Dr. A. F. Miller Prize (highest standing in Tuberculosis).....Francis Joseph Misener
- The Charles Bell Memorial Prizes (1st yr. Dentistry).....1st Sidney James Baxter
2nd Donald Lloyd Northrup
- The Charles Bell Memorial Prizes (2nd yr. Dentistry).....1st Thomas Edward Spracklin
2nd David Kendall Peters
- Dr. W. C. Ormer Prize (Crown and Bridge).....Donald Cordie Steeves
- Dr. I. G. Nathanson Anatomy Prize (2nd yr. Dentistry).....Gordon Wallace Caldwell

Dr. W. H. H. Beckwith Prize (Operative Dentistry).....	Earl Froman Dexter
Nova Scotia Dental Association Prizes (3rd yr. Dentistry).....	1st William Hamilton Massey 2nd Eric James Whyte
Dr. Frank Woodbury Memorial Prizes Thesis.....	James Michael Darcy
Laboratory.....	Donald Brendon Maszned
Infrmary.....	Donald Cordis Steeves
Modern Dental Laboratory Prosthetic Prize.....	James Michael Darcy
New Brunswick Dental Association Prize.....	Donald Cordis Steeves
New Brunswick Pharmaceutical Society Prize (Pharmacy).....	Charles Robert MacLean
Mellinckrodt Chemical Works Ltd. Prize (Pharmacy).....	Douglas Haig Andrews
Frank Wyeth Horner Medal (Pharmacy).....	Ralph Dunbar MacKnight
National Canadian Drugs Ltd., Gold Medal.....	Douglas Haig Andrews
Henry E. Wampole and Company Ltd. Entrance Scholarship.....	Daniel Alexander Ferguson
R. H. Raymond Award.....	Charles Robert MacLean
The Merck Award.....	Verdell Clinton Johnston, B.A.
The Charles E. Frost Scholarship.....	Ralph Walter Belyon
W. H. Dennis Prizes:	
Joseph Howe Poem—1948.....	Doris Pauline Allsup
James DeMille Essay—1948.....	William James Hennigar
Wings Club Scholarship.....	Whitney Barnes Dalrymple John Sponagle Houston Dodge Charles Keith Hoyt John Edward Allan MacDonald Harry Burton Rhoads
Award Not Previously Announced (held during session 1947-48):	
Howard Murray Prize (in Classics).....	Winifred Mary Madefelso (Waddell) Milne

STUDENTS REGISTERED—1948-49

Faculty of Arts and Science

Abehan, Alfred Joseph.....	North Sydney, C. B. Co.
Adams, William Gilbert.....	St. John's, N.B.
Adamson, Robert Stewart.....	Dartmouth, Hfr. Co.
Adatsson, William Murdoch.....	Halifax
Aitken, Phyllis Marilyn.....	Harvey Station, N. B.
Allen, Nancy Bernice.....	(K) Halifax
Allen, Stanton Kent.....	Yarmouth
Allen, Warren Fowler.....	Grand Falls, N.B.
Allison, Laurie MacCallum.....	Halifax
Alward, Peter Turnbull.....	Saint John, N. B.
Anderson, Beryl Lapham, B.A.....	Amherst, Camb. Co.
Anderson, Eugene Wesley.....	Halifax
Anderson, Stewart MacKenzie.....	Halifax
Anderson, William Duncan.....	Shelburne
Andrews, Douglas Haig.....	Long Beach, King's Co., N. B.
Anglin, James Gerald.....	Rothsaw, N. B.
Arnold, Florence Elizabeth.....	Truro, Col. Co.
Anthony, Byron Donamore.....	Arnsdale, Hfr. Co.
Antworth, Carvell.....	Saint John, N. B.
Archibald, Charles Wilton.....	Truro, Col. Co.
Archibald, Gerald William.....	Truro, Col. Co.
Archibald, James Purves.....	Sydney Mines, C. B. Co.
Archibald, Marjorie MacGregor.....	Ottawa, Ont.
Armstrong, Robert Morine.....	Brooklyn, Queens Co.
Arroy, Guitta.....	Halifax
Aslin, Earl Victor.....	Halifax
Atkinson, Andrew Stuart.....	Dartmouth, Hfr. Co.
Babin, James Louis.....	Sizac Point, Yar. Co.
Baccorax, Alfred Albert Alexis.....	Parrisville, Rich. Co.
Bailey, Arnold Aubrey.....	Fredrieston, N. B.
Bailey, William Best, B.Sc. (Aecid.).....	Wofville, Kings Co.
Bailey, Jane Margaret.....	Luzenbourg
Baines, Raymond Maurice.....	Saint John, N. B.
Baker, Harold James.....	Yarmouth
Baker, Jean Renton.....	Bedford, Hfr. Co.
Baker, Kenneth James.....	Halifax
Baker, Wallace James.....	Elliston, Nfld.
Baleon, Bryant Harding.....	Halifax
Baleon, Donald Robert.....	Dartmouth, Hfr. Co.
Bandler, Martin.....	Alberton, P. E. I.
Banks, Neil Leslie.....	Torbrook Mines, Arns. Co.
Banks, Russell Ewen.....	Halifax
Barnard, Murray Ronald.....	Saint John, N. B.
Barnhill, Colin MacDougall.....	Halifax
Barrett, John Bowering.....	Bay Roberts, Nfld.
Barrett, Noel James.....	Glass Bay, C. B. Co.
Baxter, Noels Diane.....	Saint John, N. B.
Bartlett, Sydney Wilfred.....	(K) Kentville, Kings Co.
Bate, David Charles.....	(K) Port Credit, Ont.
Bateman, Foster Edward.....	Waverley, Hfr. Co.
Bates, Clyde Allison.....	Moncton, N. B.

(K) Enrolled at King's College.

Bazid, Eric Gibson	Halifax
Benton, Clement Ferdinand	Halifax
Beattson, Heryl Beverley	West Saint John, N. B.
Beatty, Patricia Mary	Halifax
Beatty, Ronald Ernest	Fredericton, N. B.
Beaulieu, Madeleine Jeanne Marie	Halifax
Beaumont, Harold Kay	Halifax
Beckett, Norman Ross	Halifax
Beeler, Worthy Willett	Yarmouth
Beer, Robert Edmund	Freton
Bell, Ronald George	Halifax
Belliveau, Lorraine Rose Marie, B.A. (Laval)	Meteghan, Dig. Co.
Belliveau, Thomas Edwin	Weymouth, Dig. Co.
Belliveau, William Edward	Moncton, N. B.
Belyou, John Knight	Saskville, N. B.
Belyou, Ralph Walter	Moncton, N. B.
Bentley, Homer Donaldson	Five Islands, Col. Co.
Berube, Paul Alphonse	Campbellton, N. B.
Bost, James Elan Calbert, B.A.	New Glasgow, Piz. Co.
Bostham, Helen Carolyn	Halifax
Botts, Donald Drysdale	(K) Wallace, Camb. Co.
Bridwell, Gillian Mary Grafton	(K) Kingston, Ont.
Billard, Lewis Gabriel	(K) Glace Bay, C. B. Co.
Bishop, Charles Hugh Russell	St. John's, Nfld.
Bishop, Mildred Gertrude	Halifax
Black, William Marshall	(K) Kentville, Kings Co.
Blackwood, Chesley Mackenzie	St. John's, Nfld.
Blackwood, Herman Samuel	St. John's, Nfld.
Blair, Norval Russell	St. John's, Nfld.
Blakney, Arthur James	Windsor, Hants Co.
Blakley, Willis	Donkin, C. B. Co.
Blanchard, Arthur Stuart	Bodford, Hfr. Co.
Blanchard, Joseph Aubre	Bathurst, N. B.
Blanchard, David Henry	North Sydney, C. B. Co.
Bloomer, Newcomb Stanley Jack	Halifax
Blount, Rosemary Walton, B.Sc.	St. John's, Nfld.
Boates, Francis Keith	Kentville, Kings Co.
Bonink, Mitchell	Glace Bay, C. B. Co.
Bonink, Nina	Glace Bay, C. B. Co.
Booth, John Morton	Sydney, C. B. Co.
Boswell, David MacGregor	Victoria, P. E. I.
Bourgeois, Louis Ouar, B.A. (Man.)	Dartmouth, Hfr. Co.
Bowering, Nathan	Coley's Point, C. B., Nfld.
Bowers, Jean Carol	Halifax
Bowen, Harold Gordon	Halifax
Bowen, John Gordon	Halifax
Bowen, William Henry, B.E. (N.S.T.C.)	Halifax
Bowser, Garfield Kehl	Halifax
Boyd, John Earle	Glace Bay, C. B. Co.
Bradshaw, Joan Cecilia	(K) Yarmouth
Brahaut, Willard	Murray Harbour, P. E. I.
Brennan, Coline Marie, B.A. (St. F.X.)	North Sydney, C. B. Co.

(K) Enrolled at King's College.

Bridgford, Hope Bingham, B.A. (K)	Halifax
Bridges, William Alphonse, B.Sc. (St. F.X.)	Saint John, N. B.
Briggs, Nancy Elizabeth	Halifax
Brothers, James Alfred, B.Sc. (St. F.X.)	North Sydney, C. B. Co.
Brown, Elizabeth Laurie	(K) Saint John, N. B.
Brown, Gregory Vernon	West Saint John, N. B.
Brown, James Alton Gerald	Halifax
Brown, Lassotte	Dartmouth, Hfr. Co.
Brown, William Alexander	Sydney, C. B. Co.
Browne, Robert Courtney	Dartmouth, Hfr. Co.
Brace, Grace Marie	Halifax
Buckanan, Corviden Howe, B.A.	Halifax
Buggden, Cyril Wilfred	(K) Halifax
Burdas, Maurice Stephen	Topsham, Conception Bay, Nfld.
Bull, Ralph LeRoy	McAdam, N. B.
Bulmer, Ruth Marian	Flat Lands, N. B.
Burdell, Charles Deane	(K) Sydney, C. B. Co.
Burdell, George Stuart	(K) South Nelson, N. B.
Burdell, Mary Tremaine	(K) South Nelson, N. B.
Burke, David	Halifax
Burke, Glyn Beverley	Grand Bank, Nfld.
Burn, Kenneth Nicholson	North Shields, Northumberland, England
Bursey, Frank Douglas	St. John's, Nfld.
Bustin, John William	Yarmouth
Butler, Jack Frederick	St. John's, Nfld.
Butler, William Robert Francis	Trillington, Nfld.
Byrne, George Michael, B.Sc. (McGill)	Westmount, Que.
Byrne, Lloyd George	Halifax
Caines, George Walter	Halifax
Calp, Lucille	Saint John, N. B.
Cameron, Eleanor Joyce	Glace Bay, C. B. Co.
Cameron, Hugh Rodrick	New Glasgow, Piz. Co.
Cameron, Malcolm Laurence	Orangevale, Inv. Co.
Cameron, Robert John	West Saint John, N. B.
Campbell, Alexander Newell	Yarmouth
Campbell, Arlington Roland	Halifax
Campbell, Donald Kennedy, B.Sc. (St. F.X.)	Sydney, C. B. Co.
Campbell, Frederic Coughton	Stewiack, Col. Co.
Campbell, George Allen, B.A.	Halifax
Campbell, George Lewis	Stellarton, Piz. Co.
Campbell, Gordon Palmer	Weymouth North, Dig. Co.
Campbell, Howard Francis	Glace Bay, C. B. Co.
Campbell, John Everett	Westville, Piz. Co.
Campbell, Roy Marcus	Glace Bay, C. B. Co.
Campbell, Teresa Eulalia	Halifax
Cantling, Michael Raymond	(K) Truro, Col. Co.
Cantwell, Eileen Theresa	St. John's, Nfld.
Carroll, John Rogers, B.A.	Halifax
Carson, Russell Keith	Charlottetown, P. E. I.
Carte, Alfred Lawrence	Dartmouth, Hfr. Co.
Cassidy, Louis Patriek	Shediac, N. B.
Cassan, Athena Dorothea, B.Sc.	Amfado, Hfr. Co.

(K) Enrolled at King's College.

Cato, Valerio Mary Joyce.....	(K) Halifax
Charette, Adolard.....	Edmonton East, N. B.
Chesley, Graeme Everett.....	(K) West Saint John, N. B.
Chesley, Arthur Evans.....	Saint John, N. B.
Chesley, John Cooper.....	Saint John, N. B.
Chipman, Charles Frederic.....	Dartmouth, Hfx. Co.
Chipman, David Ritchie.....	Halifax
Chisholm, William Murdoch.....	Dartmouth, Hfx. Co.
Chittick, Donald Frederic.....	Parville, N. B.
Christianson, Joel Junior.....	Halifax
Christie, Walter Leslie.....	Hd. St. Margaret's Bay, Hfx. Co.
Civen, Morton.....	Brookline, Mass., U. S. A.
Clabane, Thomas Francis.....	Bedford, Hfx. Co.
Clark, Donald Burbridge.....	(K) Halifax
Clark, Donald MacQuarrie.....	Stellarton, Pis. Co.
Clark, George Eric.....	Halifax
Clark, Robert Carl, B.A. (M.A.).....	Lake Annis, Yar. Co.
Clarke, Eleanor Elizabeth.....	Halifax
Clement, Hope Elizabeth Anna.....	(K) Halifax
Cleveland, Allan Clyde.....	(K) Liverpool, Queens Co.
Cleston, Ewart Ernest.....	St. John's, Nfld.
Cloett, Maxwell Lewis.....	(K) Lunenburg
Cohen, Justin Stuart.....	Sydney, C. B. Co.
Coldwell, Kenneth Ross.....	Hantsport, Hants Co.
Coler, Millard Wright.....	Milton, P. E. I.
Collie, Margaret Marion.....	River John, Pis. Co.
Collings, Walter Frederic.....	Dartmouth, Hfx. Co.
Colquhoun, Allan Alexander William.....	Sydney, C. B. Co.
Condy, William Albert.....	Springhill, Camb. Co.
Connell, William Francis.....	Halifax
Connolly, Charles Edward.....	Campbellton, N. B.
Conter, Ralph.....	(K) New Waterford, C. B. Co.
Cook, Eric Vernon.....	(K) Hubbards, Ont.
Cook, George Harvey.....	Urbania, Hants Co.
Cook, Margaret Joan.....	Bridgewater, Lun. Co.
Cooley, Doris Maudo.....	(K) Wolfville, Kings Co.
Cooper, Gerald.....	Outramont, Que.
Copeland, Charles Allison.....	Bridgewater, Lun. Co.
Corbin, Harry Sinclair Parker, B.A.....	Conservational Bank, Lun. Co.
Cordes, Anne Elizabeth.....	(K) Halifax
Corkum, Elizabeth Freda.....	Chesler Basin, Lun. Co.
Cormier, Ivan Camille.....	Edmondston, N. B.
Corning, Frank Pike.....	(K) Barrington, Shel. Co.
Cospland, James George.....	Ottawa, Ont.
Cossins, Chasman Leslie.....	Halifax
Cossins, Elizabeth Anne.....	Halifax
Cowan, Lois Annabelle.....	Halifax
Coward, Alfred Reginald.....	Sydney, C. B. Co.
Cox, Douglas Maxwell, B.A.....	Halifax
Cox, James Arthur.....	Shelburne
Cragg, Geraldine Frances.....	Halifax
Crawford, Gerald James Bewaring (K).....	St. John's, Nfld.
Croft, Ainsley Milward.....	Dartmouth, Hfx. Co.
Cronn, Frederic.....	Halifax
Crosby, Waldo Burnell.....	Kingstport, Kings Co.

(K) Enrolled at King's College.

Cross, Donald Charles.....	Bridgewater, Lun. Co.
Cross, Roberta Jeanette.....	Clareville, Nfld.
Cross, Arthur John.....	Lunenburg
Crouse, Robert Darwin.....	(K) Crousetown, Lun. Co.
Crouse, Robert Ivan.....	Lunenburg
Crowell, Edwin Harvey.....	Halifax
Crowell, Robert Guildford.....	Halifax
Cruikshank, Alfred Gordon.....	Truro, Col. Co.
Cruikshank, James William.....	Sydney, C. B. Co.
Call, James Albert.....	Halifax
Cullen, John Wimberly.....	South Cove, Vis. Co.
Cullinan, Louis Vincent.....	Saint John, N. B.
Cuning, Frederick Gordon, B.Sc. (U.N.B.).....	Bedford, Hfx. Co.
Curran, Alan Hugh.....	Bedford, Hfx. Co.
Curran, Crighton Kenneth.....	Montague, P. E. I.
Currie, Maxwell Carleton.....	Bridgewater, Lun. Co.
Currie, Wilfrid Douglas.....	Halifax
Cuthbertson, Norman, B.Sc. (I.C.S., U. of Lond.).....	Dartmouth, Hfx. Co.
Cusner, Arthur Edward.....	(K) Sydney Mines, C. B. Co.
Cyr, Constance Jacqueline.....	St. Leonard, N. B.
Dalsell, Arthur Irvine.....	Castalia, N. B.
Damphinos, Maurice William.....	Halifax
Davison, James Carl.....	Halifax
Davison, Wilbert Lloyd, B.Sc.....	Truro, Col. Co.
Day, Eric Andrew Hart.....	Halifax
deCarieret, Angula Carmen.....	Pelham, New York, U. S. A.
Decker, Wentworth Burns Lewis.....	Little Harbour, Shel. Co.
DeLong, Frederick Paul.....	(K) Fairville, N. B.
DeLoey, Maurice Eugene.....	Georgetown, P. E. I.
Demers, John Richard.....	Halifax
Derrippy, Francis Lloyd.....	Moncton, N. B.
Dent, John Joseph.....	Dartmouth, Hfx. Co.
DeYoung, Roy Francis.....	Halifax
Diekie, Donald Dale.....	Halifax
Dieks, Louis Herbert Horatio.....	Halifax
Dielsion, Daphne Ann.....	Quarryville, N. B.
Dielsion, Donald Ritchie.....	Halifax
Doane, Frances Whitman.....	Halifax
Doane, Warren Frank Stanley.....	Barrington, Shel. Co.
Dobson, Douglas LeRoy.....	Halifax
Doekendorff, Gordon Warren.....	St. Peter's Bay, P. E. I.
Doekrill, Lionel Gordon Clement.....	Halifax
Dodds, Herbert Wesley.....	Bridgewater, Lun. Co.
Doig, Peter Ramsey.....	Halifax
Dorey, Edmund Thomas.....	Hd. St. Margaret's Bay, Hfx. Co.
Doucette, Francis Leo Gregory.....	Halifax
Doucette, Vernon Joseph.....	Yarmouth North, Yar. Co.
Doull, Marjorie Elizabeth.....	Halifax
Dowling, Francis Guy.....	(K) Hermitage Bay, Nfld.
Dowling, Christopher Joseph.....	Moose Jaw, Sask.
Downton, Raymond Albert.....	St. John's, Nfld.
Druker, Avrom Ira.....	(K) Sydney, C. B. Co.

(K) Enrolled at King's College.

Dryden, Robert Douglas	Halifax
Drysdale, Alan Alastair	Halifax
Duer, James Donald, B.Sc. (U.N.B.)	Saint John, N. B.
Duggan, Kenneth Francis	Halifax
Dunn, John Darrell	Middleton, Anna. Co.
Dutot, Charles James	St. John's, Nfld.
Eddy, George Everett	Bathurst, N. B.
Eddy, Ross Beverley	Bathurst, N. B.
Edwards, Brian Wakely	St. John's, Nfld.
Eisenhauer, William Leach	(K) Bridgewater, Lun. Co.
Elliott, George Andrew Thomas	Halifax
Elliott, William Ord	Saint John, N. B.
Ellis, Elizabeth Ann	(K) Halifax
Ellis, James Eric	Armdale, Hfx. Co.
Ellis, James Beverley	Halifax
Elop, Gordon Harry	Armdale, Hfx. Co.
Embree, Jesse Bethune	Port Hawkesbury, Inv. Co.
Emmett, George Edward	Halifax
Epstein, Hans Harold Otto	St. John's, Nfld.
Epstein, Sidney	St. John's, Nfld.
Erdman, Edgar Fitz Randolph	Princeton, New Jersey, U. S. A.
Etohegany, Louis Michael	Halifax
Etter, Stanley Malcolm	Shubenacadie, Hants Co.
Evans, Donald Edwards	Halifax
Fabry, Phillip James	St. John's, Nfld.
Faner, Keith Alexander	French Village, Hfx. Co.
Fardy, Paul William	St. John's, Nfld.
Farmor, Beryl Joyce	Halifax
Farquharson, Kenneth Lionel	Halifax
Faulkner, Guy Herbert	Halifax
Faulkner, Kenneth Miles	Halifax
Faulkner, Lewis Frederick	Upper Economy, Col. Co.
Fear, Robert MacDougall	Moncton, N. B.
Feecey, Thomas Gregory, LL.B.	Halifax
Feltmate, Gordon Lesly	Goshen, Guys. Co.
Fenton, James Bowen	Halifax
Ferguson, Daniel Alexander	Glace Bay, C. B. Co.
Ferguson, Douglas Campbell	Armdale, Hfx. Co.
Ferguson, Gordon Stewart	Glace Bay, C. B. Co.
Ferguson, Allan Arthur	Port Moresby, C. B. Co.
Ferguson, Ferguson Alexander Adair	Weymouth North, Dig. Co.
Feron, Austin Peter	Halifax
Field, Basil Earl	Dartmouth, Hfx. Co.
Fielding, Harlow Watson	Dartmouth, Hfx. Co.
Findlay, Jean Adela	Stellarton, Pie. Co.
Findlay, Wallace Irwin	Stellarton, Pie. Co.
Fisher, Renato Rosemaria	Saint John, N. B.
Fleming, Gwendolyn Holly	Bethesda, N. B.
Flemming, Keith Grant	Upper Musquodoboit, Hfx. Co.
Flowers, David Livingstone	Bridgewater, Lun. Co.
Foote, David Edmund, B.A.	Saint John, N. B.
Foster, Arthur Lloyd	Morignonia, Piz. Co.

(K) Enrolled at King's College.

Forbes, Charles Beasley	Fredericton, N. B.
Forbes, Clive Robert Sydney	Bonaville, Nfld.
Forbes, Edgar William, B.A., M.A.	Dartmouth, Hfx. Co.
Forbes, Mary Lou	Kentville, Kings Co.
Ferrest, Jack Malcolm	Arichat, Rich. Co.
Foster, Gerald Carlton Leonard	Ottawa, Ont.
Fossil, George Edrial	Centreville, Kings Co.
Frain, George William	Halifax
Frank, Allan John Albert	(K) Halifax
Franklin, Daniel Henderson	Halifax
Fraser, Allister MacDonald	New Glasgow, Pie. Co.
Fraser, Gretchen	Halifax
Fraser, John James	(K) Trenton, Pie. Co.
Fraser, John Eoderick	(K) Truro, Col. Co.
Fraser, Marion Frances	Halifax
Fraser, Murray Judson	Halifax
Fraser, Robert Clifford	Eureka, Pie. Co.
Fraser, Roy Alexander	New Glasgow, Pie. Co.
Fraser, Thomas Hunter	(K) Stellarton, Pie. Co.
Frederickson, Ernest Alexander	Sydney, C. B. Co.
Freed, Esther Gwendolyn	Corazur Brook, Nfld.
Freedman, Bernard	Saint John, N. B.
French, Desmond James	Grand Falls, Nfld.
Frowd, Harley Kenneth Thomas	Halifax
Fuller, Jean Leslie, B.A., B.Com.	Dartmouth, Hfx. Co.
Fullerton, Eric Greenfold	Amherst, Camb. Co.
Galey, Leonard Joseph	(K) Sussex, N. B.
Gallant, Francis Frederick	Bloomfield, P. E. I.
Gallant, Ulysses Joseph	Moncton, N. B.
Ganong, Kingston Burnett, B.Sc. (Acadia)	Hartland, N. B.
Gardner, Olin Frostwood	Halifax
Gardner, William Craig	Toronto, Ont.
Garson, Jerome Jack	Yarmouth
Garson, Saul	Halifax
Garvey, Winston Barrington	Kingston, Jamaica, B. W. I.
Gates, Archibald Dunham	Dartmouth, Hfx. Co.
Gaudino, Mario Luis	Panama, B. P.
Gaues, Paul Rybil	Saint Fernando, Trinidad, B. W. I.
Genze, David	St. John's, Nfld.
Geener, Lloyd Koscoe	(K) Wolfville, Kings Co.
Gibb, David Smith	(K) Coles Island, N. B.
Gibson, Allison Hemphill, B.A. (Mt. A.)	Deboe, Carleton, Co. N. B.
Ginley, Anthony Vincent	Halifax
Giraudy, Emmanuel Henry	St. Louis, B. W. I.
Girkman, Maurice	Miner, C. B. Co.
Globe, Mitchell Podvoll	Halifax
Golburgh, Marjorie	Bathurst, New Jersey, U. S. A.
Goldberg, Hyman Solomon	Saint John, N. B.
Goode, Margaret MacMillan	Pictou
Goodridge, Noel Herbert Alan	St. John's, Nfld.
Goodwin, Ivan Veronica	Halifax
Gordon, Peter Campbell	Halifax
Gormley, Jean LaVerne	Annapolis Royal, Anna. Co.

(K) Enrolled at King's College.

Geeboe, Kenneth Douglas	Halifax
Gough, Cyril Hanson	Elston, Trinity Bay, Nfld.
Gowers, Robert Alvery	Tramping Lake, Sask.
Graham, David Murray	Truro, Col. Co.
Graham, George Malcolm	Parsons, Cumb. Co.
Graham, John Aubrey	Fox River, Cumb. Co.
Grandy, Clyde	Little Bay East, Fortune Bay, Nfld.
Grandy, Lyons Morris	North Sydney, C. B. Co.
Grant, Geraldine Mary	Calais, Me., U. S. A.
Grant, John Gordon	Halifax
Grantmyre, Edward Bartlett	(K) Sydney, C. B. Co.
Graves, Keith Richard	Dartmouth, Hfx. Co.
Graves, Robert Bowers	Dartmouth, Hfx. Co.
Gray, George Henry	Cross Roads, Jamaica, B. W. I.
Gray, Lawrence Clive	Bedford, Hfx. Co.
Grayston, Howard Edmund	Halifax
Green, Allan	Halifax
Greer, John Maxwell	Juver Hebert, Cumb. Co.
Gregg, Donald Garrett	Truro, Col. Co.
Gregory, George Augustus	Southbay Harbour, Me., U. S. A.
Griffin, Derek Selwyn	Halifax
Griffith, Eleanor Elizabeth, B.A.	Dartmouth, Hfx. Co.
Guidry, Joseph Gerald	Campbellton, N. B.
Guy, Karl Frederick	(K) Sydney Mines, C. B. Co.
Hadley, Charles Jerome	Inverness
Hagen, Eric	Halifax
Haliburton, Jean Marion	St. John's, Nfld.
Hall, Donald MacKinnon	Berwick, King's Co.
Hall, Horace Stanley, B.Sc.	St. John's, Nfld.
Hall, Thompson Brinton	Halifax
Halperin, Irving Joseph	Montreal, Que.
Hamborg, Elie Harris	Glace Bay, C. B. Co.
Hamilton, Herbert Noel	Saint John's, N. B.
Hamilton, Rosborough Brydson	Maxville, Ont.
Hamilton, Roy Oliver	Spanish Town, Jamaica, B. W. I.
Hanna, John Vance	Winnipeg, Man.
Hannah, Glendon Maxwell	Springhill, Cumb. Co.
Harrabin, Joyce Margaret	Halifax
Hansen, Peter Edward Vidarstrom	Pegawash Junction, Cumb. Co.
Harding, Paul Arehildald	North Sydney, C. B. Co.
Hardy, Clarence Mase	Halifax
Hare, Arthur Edward	Halifax
Harlow, Daniel Logan	(K) Beidgetown, Anns. Co.
Harrington, Anne Courtney	(K) Rothsay, N. B.
Harrington, Joyce Ione	(K) Halifax
Harris, Alfred Lionel	Three Rivers, Que.
Harris, Anna Ruth	(K) Halifax
Harris, Arthur Clifford	Halifax
Harris, Donald Sydney	Bedford, Hfx. Co.
Harris, Emsy Gordon	(K) Fairview, Hfx. Co.
Harris, Eugene	Glovertown, Bonavista Bay, Nfld.
Harris, James Anderson	New Aberdeen, C. B. Co.
Harris, James Hugh	Halifax
Harrison, Donald Henry	Hamilton, Beerside
Hartigan, Daniel Ronald	North Sydney, C. B. Co.

(K) Enrolled at King's College.

Harvey, Leonard Merton	Baddeck, Vic. Co.
Harvey, Thelma Louise	Baddeck, Vic. Co.
Haskell, Emma Anna Cera	Truro, Col. Co.
Hatt, Margaret Ethelya	(K) Weymouth, Dig. Co.
Hattie, John Dusenca	Halifax
Hawes, John Conrad, B.Sc. (St. P.X.)	Hazel Hill, Guys. Co.
Hawkins, Gerald Benedict	Truro, Col. Co.
Hays, Leslie Ann	Armdale, Hfx. Co.
Hayman, Ernest Kitchener	(K) St. Stephen, N. B.
Hayter, Oville Edgar	Charlottetown, P. E. I.
Hazen, Bernice Alice	(K) Saint John, N. B.
Hobb, Cecil St. Clair	(K) Bridgewater, Lun. Co.
Hobb, Gerald Maxford	Bridgewater, Lun. Co.
Hobb, Philip Clarence Willis	Halifax
Houghton, Ernest Lloyd	Pictou
Hosson, Clarence Douglas	Liverpool, Queens Co.
Hosson, John Murray	Milton, Queens Co.
Hosking, Cyril George	Woodside, Hfx. Co.
Henderson, Ian Haliburton Smith	(K) Halifax
Henderson, James Lyall Scott	Halifax
Henderson, Nancy Elizabeth	Halifax
Henley, David Lloyd George	Oxford, Cumb. Co.
Hennigar, William James, B.A.	Truro, Col. Co.
Hess, David Henry Allan	Halifax
Hicking, Edward Anderson	(K) Sydney, C. B. Co.
Hickson, William Edward	Halifax
Higgins, John Peterson (Mrs. J. E.)	Niagara Falls, Ont.
Higgins, Lyla Bernice	Trenton, P.E. Co.
Hill, Ralph Pitman	Upper Blandford, Lun. Co.
Hills, Edith Esther Hatfield	Tasquet, Yar. Co.
Hills, John Edward	Halifax
Himmelman, Marie June	Halifax
Hines, Laura Shirley	Dartmouth, Hfx. Co.
Hinton, Blair Sutherland	Bathurst, N. B.
Hirtle, Walter Beal, B.A. (U.B.C.)	Oliver, B. C.
Hodgson, Robert Wilbert	Woodside, Hfx. Co.
Hoffman, Bernice Deborah, B.Sc.	Saint John, N. B.
Hogan, Mary Jean	Bowlingham, Hfx. Co.
Holloway, Eric Harold	Halifax
Holmes, Clarence Courtney	Avonport, Kings Co.
Holmes, Donald Carleton	Windsor, Hants Co.
Holmes, James Alexander, B.A.	Halifax
Holmes, John Sherman	(K) Halifax
Hoed, Albert William	Halifax
Horne, Floyd Keith	Dartmouth, Hfx. Co.
Horne, Lindsay Joseph	Waverley, Hfx. Co.
Howard, George Foster	Tatamis, Ont.
Howard, John Edward	Halifax
Howatt, Cecil Douglas	Halifax
Hoyt, Charles Keith	North Sydney, C. B. Co.
Hrynshyna, Walter	Hamilton, Ont.
Husley, Earle Alexander	Halifax
Hudson, Aubrey Danstow	Moncton, N. B.
Hudson, Silvia Flora (Mrs.)	Dutch Settlement, Hfx. Co.
Hughes, Arthur Riech	Saint John, N. B.

(K) Enrolled at King's College.

Hughes, Francis Joseph	Charlottetown, P. E. I.
Hughes, Walter Keating Vincent	Fairview, Hfx. Co.
Hull, Robert Francis	Dartmouth, Hfx. Co.
Humphreys, James Douglas, B.A. (Tor.)	Imperoyal, Hfx. Co.
Humphreys, George Malcolm	Brookwood, Nfld.
Huntington, Beverly Joan	Sydney River, C. B. Co.
Ilsen, Harry Jordan	Halifax
Inglis, Frederic Graham	Halifax
Ingraham, William Eric	(K) Louisburg, C. B. Co.
Inkpen, David Sherman	Halifax
Innes, Donald Edward	Halifax
Ivey, Clarence Hollan	Sydney Mines, C. B. Co.
James, Hugh Chamney	Halifax
James, Ronald Lloyd Bewell	Fairfield, Conn., U. S. A.
Jamieson, William David	Halifax
Jasey, Gordon Mohammed	Annapolis Royal, Anns. Co.
Jay, Cecil Elmer	Brooklyn, New York, U. S. A.
Jebson, Clifford Edwin	Halifax
Jefferson, Barbara Scott	(K) Halifax
Jefferson, Philip Clarke	(K) Halifax
Jennings, Douglas Reid	Middle Musquodoboit, Hfx. Co.
Jodrey, Louisa Harriet, B.Sc.	Northport, Camb. Co.
John, William Albert Charles	Musquodoboit Harbour, Hfx. Co.
Johnson, Donald Varcoe Goddshall	Westmount, Que.
Johnson, Douglas Henry	Halifax
Johnson, Geraldine Frances	Saint John, N. B.
Johnson, James Arthur	Dartmouth, Hfx. Co.
Johnson, Millard Filmore	St. Andrews, Jamaica, B. W. I.
Johnson, James William Derek, B.Sc.	Halifax
Johnston, Lloyd Clifton	North Sydney, C. B. Co.
Johnstone, Albert Arnold	Sydney, C. B. Co.
Johnstons, Robert Merrill	Glace Bay, C. B. Co.
Jones, Nancy Madeline Claire	(K) Halifax
Jones, Robert Clarke	Glace Bay, C. B. Co.
Julian, Frances Gertrude	Halifax
Kail, Robert Cecil	Halifax
Kain, Colin Douglas	Kentville, Kings Co.
Kane, John Hugh	Cody's, Queens Co., N. B.
Kaplan, Julia, B.A.	Stellarton, Pse. Co.
Kaplan, Elan	Saint John, N. B.
Katz, Carolyn	Radburn, Fair Lawn, N. J., U. S. A.
Kay, Harold Arthur	(K) Yarmouth
Kean, Donald Abraham	St. John's, Nfld.
Kean, Gerald Thomas	St. John's, Nfld.
Kean, James Heber	Bathurst, N. B.
Kean, William Nyles	Lodjan Bay, Hbsd. Co.
Keefe, Roy Glenn	Glace Bay, C. B. Co.
Keefer, Bernard Truman	Dartmouth, Hfx. Co.
Kehee, Graham Balmington Norman	New Glasgow, Pse. Co.
Kelley, Danford Greenfield	River Hebert, Camb. Co.
Kelly, Allison Carmen	(K) Saint John, N. B.
Kelly, Douglas Harold Alexander	Halifax

(K) Enrolled at King's College.

Kelly, Thomas William	(K) Halifax
Kennedy, Clifford Keltie	Hampton, N. B.
Kennedy, James Gordon	Halifax
Kennedy, Jane Ruth	(K) Edmundston, N. B.
Kennedy, William Russell	Truro, Col. Co.
Kent, Douglas Nash	Truro, Col. Co.
Kent, Barbara Costanza	Halifax
Kent, Harold Allan	Halifax
Kenway, Ross Wallace	Halifax
Kerr, Donald Alexander	Halifax
Kerr, George Roderick	Halifax
Kerr, Marion Gertrude	Milford, Hants Co.
King, Arthur Clyde Elford	Parsons, Nfld.
King, Barbara Costanza	Arncliffe, Hfx. Co.
King, Charles Edwin	Fermeuse, Nfld.
Kingsbury, Herbert Clarence	Halifax
Kinley, David Charles	Halifax
Kinley, Kathleen	Port Hillford, Guys. Co.
Kinley, Lloyd Wynan	Sydney, C. B. Co.
Kitchin, Charlotte Frances, B.A.	Sidlarion, Pse. Co.
Klins, Daniel Edwin	Halifax
Knickle, Robert John	Halifax
Knight, Claire Roberta	Halifax
Kohn, Harold Brown	Halifax
Korrey, James Salem	(K) Charlottetown, P. E. I.
Kovacs, Natalie Esther	Grand Falls, N. B.
Laba, George Paul	Halifax
Lain, Frederick Creighton	Amherstville, N. Y., U. S. A.
Lambros, Athanasios Gregory	Charlottetown, P. E. I.
Lamont, Lawrence James	Dartmouth, Hfx. Co.
Lampert, Herbert, B.Sc.	Montreal, Que.
Lannaster, Oscar Cameron	Toronto, Ont.
Landrian, Helena Marie Eileen	Charlottetown, P. E. I.
Lane, Eric Melish	Windsor, Hants Co.
Laurin, Ferguson Robert	Halifax
Lauzley, Lewis Herbert	Dartmouth, Hfx. Co.
Laphan, Frederick Joseph	Sydney, C. B. Co.
Laughlin, David Arthur	St. Stephen, N. B.
Lawley, James Gordon	Glace Bay, C. B. Co.
Lawrence, James Alexander	St. John's, Nfld.
Lawrence, Jona Maureen, B.A.	Dartmouth, Hfx. Co.
Lawson, Edwin Archibald	Melrose, Guys. Co.
LeBlanc, Edwin Adford	Halifax
LeBlanc, Jack Thomas	Lewisville, N. B.
LeBrocq, Yvonne	Balford, Hfx. Co.
Leedham, John Henry	Halifax
Leith, Edwin Grace	St. John's, Nfld.
Leith, Marjorie Lois, B.Sc. (McGill)	St. John's, Nfld.
Lezmerston, David Bayne	(K) Truro, Col. Co.
Lennox, Herbert Malcolm	Charstar, Lun. Co.
Leslie, Bradford Scott	Kentville, Kings Co.
Leslie, Thomas Ivar	Brookfield, Col. Co.
Leslie, William Elias	Grindstone, Magdalen Islands, Que.
Leventhal, Abe Joseph	Halifax
Levine, Bryna	Jamaica Plain, Mass., U. S. A.

(K) Enrolled at King's College.

Levine, Joseph David	.....	Saint John, N. B.
Levine, Larry Arnold	.....	Halifax
Levinson, Joseph Yehudi	.....	Halifax
Lewis, Charles Chesterfield	.....	Great Village, Col. Co.
Lewis, Chester Morris	.....	Sydney, C. B. Co.
Lewis, Ronald Curtis	.....	Five Islands, Col. Co.
Lilly, Hugh Dalrymple	.....	St. John's, Nfld.
Lindsay, John William	.....	Halifax
Lingley, Kenneth Halston	..... (K)	Deep Brook, Anna. Co.
Lindsay, Frederick James	.....	Dartmouth, Hfx. Co.
Lister, Emerson James	.....	Halifax
Livingstone, Daniel Archibald, B.Sc.	.....	Halifax
Lockwood, Bernard Bruce	.....	Halifax
Logan, Caroline Ann	.....	Halifax
Logan, David Graham	.....	Pictou
Logan, Floyd Raymond	.....	Elizavale, Hants Co.
Lomas, Barbara Helen	.....	Halifax
Lomas, Alton Anderson	.....	Halifax
Louise, Louis Mary	.....	Cantree, St. Lucia, B. W. I.
Lovatt, Margaret Naomi	.....	New Waterford, C. B. Co.
Lovatt, William George	..... (K)	Saint John, N. B.
Love, George Harry James	.....	Dartmouth, Hfx. Co.
Ludlow, Ned Ouko	.....	Fogo, Nfld.
Lugar, Robert David Faraday	.....	Bedford, Hfx. Co.
Lusher, Jackson Donald	..... (K)	Halifax
Lutwick, Gerald Douglas	..... (K)	Saint John, N. B.
Luxton, Mildred Anna (Mrs. E. A.)	.....	Halifax
Lyle, William	.....	Wallace, Camb. Co.
Lyak, Stanley Everett	.....	Reserve, C. B. Co.
MacAllister, William George Lawrence	.....	Fairview, Hfx. Co.
MacArthur, Welford Graham	.....	Pictou
Macaulay, James Archibald	.....	Rockcliffe Park, Ottawa, Ont.
MacAulay, Rodriek Alexander, B.A.	.....	Glace Bay, C. B. Co.
MacAulay, Thomas Chalmers	.....	Pictou, C. B. Co.
MacBride, Robert David	.....	Chester, Lun. Co.
MacBurnie, Roydon John	.....	Five Islands, Col. Co.
MacCallum, Cecil Lloyd	.....	Truro, Col. Co.
MacCallum, Ralph Loyal	.....	Truro, Col. Co.
MacCallum, Stuart Beath	.....	Halifax
MacCallum, Wallace Allison, B.Sc.	.....	(M. A.), M.Sc.
MacCarthy, Teresa Mary	.....	North Woodside, Hfx. Co.
MacCarthy, Vincent Patrick	.....	Dartmouth, Hfx. Co.
MacCarthy, William Arthur	.....	Red Island, Piasentia Bay, Nfld.
MacCormack, Hugh John	.....	Truro, Col. Co.
MacCormack, John Ronald, B.A.	.....	Halifax
MacCormack, Ronald Bernard	.....	St. George's, P. E. I.
MacCouture, Harry Frederick	.....	Halifax
McCoy, Marion Shirley	.....	Windsor, Hants Co.
McCulloch, Ian Leslie	.....	Westmount, Que.
McCulloch, Robert Sydney	.....	Westmount, Que.
McCarthy, Adams Archibald	.....	Old Barns, Col. Co.
McCarthy, Charles Ervin	.....	Middle Musquodoboit, Hfx. Co.

(K) Enrolled at King's College.

McCarthy, David Harold	.....	Caldwell, New Jersey, U. S. A.
McCarthy, Gerald Lewis	.....	Caldwell, New Jersey, U. S. A.
McCarthy, Joan Douglas	..... (K)	Halifax
McCarthy, Marion Laura	.....	Old Barns, Col. Co.
McCarthy, Sherburne Graham	.....	Halifax
McDermald, Ian Christian	.....	Halifax
MacDonald, Anna Catherine	.....	Beddoek, Vie. Co.
MacDonald, Andrew Martin	.....	Westville, P. Co.
MacDonald, Arthur Alexander	.....	Halifax
MacDonald, Charles Albert	.....	Gabarusse Barrachois, C. B. Co.
MacDonald, Clarence Morton	.....	Sunny Bess, N. B.
MacDonald, Donald Alexander	.....	Marble Mountain, Inv. Co.
MacDonald, Donald Ian	.....	Glace Bay, C. B. Co.
MacDonald, Donald James	..... (K)	Glace Bay, C. B. Co.
MacDonald, Dorothy Irene	..... (K)	Glace Bay, C. B. Co.
MacDonald, Elmer Alexander	.....	Halifax
MacDonald, Edward Earl	.....	Pictou
MacDonald, Frank Archibald	.....	Sydney, C. B. Co.
MacDonald, Francis Raymond	.....	Liverpool, Queens Co.
MacDonald, Frank Ian	.....	Millville, Boudairaire, C. B. Co.
MacDonald, George Francis, B.A. (88	.....	Dunstan's)
MacDonald, Gordon Alexander	.....	East Point, P. E. I.
MacDonald, Howard John Daniel	.....	Florence, C. B. Co.
MacDonald, Hugh Gordon	.....	Dartmouth, Hfx. Co.
MacDonald, Hugh Gordon	.....	Marble Mountain, Inv. Co.
MacDonald, Ian Ross	.....	Lourdes, P. Co.
MacDonald, James Arthur	.....	Kentville, Kings Co.
MacDonald, Janet Wright	.....	Halifax
MacDonald, Jessie Elizabeth	.....	Sunny Bess, P. Co.
MacDonald, Jennie Gwyneth	.....	Sydney, C. B. Co.
MacDonald, John Randolph Archibald	.....	Dunkin, C. B. Co.
MacDonald, Malcolm Everett	.....	Halifax
MacDonald, Mary Kathleen	.....	Halifax
MacDonald, Mason Hugh	.....	Sydney, C. B. Co.
MacDonald, Peter Stewart	.....	Halifax
MacDonald, Sheila Margaret	.....	Saint John, N. B.
MacDonald, Wallace John	.....	Sydney, C. B. Co.
MacDonald, William James	.....	Truro, Col. Co.
MacDougall, Donald Corbett	.....	Kentville, Kings Co.
MacDougall, James Glen	.....	Rocky Point, P. E. I.
MacDougall, Robert Michael	.....	Halifax
MacEachern, Ernest	..... (K)	Truro, Col. Co.
MacEwan, James William	.....	Halifax
MacEwan, Hollis Daniel	.....	Long Creek, P. E. I.
McFarlane, John Mackie	.....	Montreal, Que.
McFarlane, William Smith	.....	Harrington, P. E. I.
McGeoch, Barbara Rae	.....	Halifax
McInnes, Frank Kent	.....	Windsor Junction, Hfx. Co.
McInnes, Robert Malcolm	.....	Lyon's Brook, P. Co.
MacIntosh, Andrew George	.....	Halifax
MacIntosh, Alan Wallace	.....	Halifax
MacIntosh, Charles William	.....	Halifax
MacIntosh, Kenneth Ross	.....	Halifax
MacKay, Alexander Bailie, M.Sc.	.....	Ovens Sound, Ont.
MacKay, Donald John Frederick	.....	West Bay, Inv. Co.

(K) Enrolled at King's College.

Mackay, Douglas Campbell	Rochouay, N. B.
McKay, Geneva Elsie	Nappan Station, Cumb. Co.
McKay, James Angus	Halifax
McKay, Mary Margaret	Ottawa, Ont.
McKay, Ralph Chapman	Saint John, N. B.
McKay, William Alexander	Grand River, Bish. Co.
McKay, William Andrew	Ottawa, Ont.
McKeage, Arlington Bud	Lennorville, Que.
McKeon, Robert Gray	New Glasgow, P. E. Co.
McKeon, Judith Tilly	(K) Halifax
McKeown, Peter Archibald	Huntington, C. B. Co.
McKenna, John Rogers	Saint John, N. B.
McKenna, Kevin John	Relly's Cross, P. E. I.
McKenna, Mary Aileen	Pictou
McKennie, Albert Gordon	North Sydney, C. B. Co.
McKennie, Arthur Robert	Stellarton, P. E. Co.
McKennie, Earl Russell	Halifax
McKennie, Jane Winifred	New Glasgow, P. E. Co.
McKennie, Mary Jonette	New Glasgow, P. E. Co.
McKennie, Reginald Leroy	Gunningsville, Albert Co., N. B.
McKenzie, Robert McGrouarty	Halifax
McKiggan, Ida Mary	Dunkin, C. B. Co.
McKim, Thomas Renfrew Gilchrist	Halifax
McKinley, Howard Alton	Sydney, C. B. Co.
McKinney, James Russell	Summer Hill, N. B.
MacKinnon, Arnold Williams	Trenton, P. E. Co.
MacKinnon, Heather Stevens	Bedford, Hfx. Co.
MacKinnon, Patricia Mary	Truro, Col. Co.
MacKinnon, Raymond Donald	Charlottetown, P. E. I.
MacKnight, Ralph Dushar	Dartmouth, Hfx. Co.
MacLachlan, Dugald Edgar	Grand Falls, Nfld.
MacLauder, George Dunoon	Montreal, Que.
MacLaren, Sheila Piers	Halifax
MacLean, Albert Mair	Campbellton, N. B.
MacLean, Charles Robert	Saint John, N. B.
MacLean, Guy Robertson	Sydney, C. B. Co.
MacLean, Ian MacKenzie	New Waterford, C. B. Co.
MacLean, John Heeter	North Sydney, C. B. Co.
MacLean, Kenneth Smith	Pictou
MacLean, Mary Estelle	New Glasgow, P. E. Co.
MacLean, Malcolm Munro	Hubbards, Hfx. Co.
MacLean, Robin	Fairvale Station, Kings Co., N. B.
MacLean, William Reginald	Summerside, P. E. I.
MacLellan, Donald Irving	Moncton, N. B.
MacLennan, Donald Fraser	Sydney, C. B. Co.
MacLennan, Philip Walter Alan	Dartmouth, Hfx. Co.
MacLennan, Samuel Robert	Spreyfield, Hfx. Co.
MacLeod, Alexander Ross, B.A.	New Glasgow, P. E. Co.
MacLeod, Donald Alexander	Charlottetown, P. E. I.
MacLeod, Donald Kilgour	Halifax
MacLeod, Donald Griffin	Halifax
MacLeod, Donald Putnam	Inverness
MacLeod, Dorothy Ann	New Glasgow, P. E. Co.
MacLeod, George Alden	Pictou
MacLeod, Henry Malcolm	Halifax

(K) Enrolled at King's College.

MacLeod, Jean Marion	Halifax
MacLeod, John Thomas	Westville, P. E. Co.
MacLeod, John William	New Glasgow, P. E. Co.
MacLeod, Oliver Reginald	Haetsville, P. E. I.
MacLeod, Thomas Donald	Bayre, Ont.
MacLeod, William Angus	North Sydney, C. B. Co.
McMahon, Albert Harold	Aylesford, Kings Co.
McMahon, Donald Carleton	Halifax
McMahon, Moran Francis	Newcastle, N. B.
McMillan, Alexander Clair	Boiestown, N. B.
McMillan, Allison Chalmers	Black Point, N. B.
McMillan, Constance Marilyn	Baddeck, V. I. Co.
McMillan, Francis Sophus Kilmer	Charlottetown, P. E. I.
McMurtry, James Gordon	Halifax
McNamara, Francis Michael	St. Stephen, N. B.
McNaughton, John Robert	Stellarton, P. E. Co.
McNaughton, Leo Malcolm	Brooklyn, Queens Co.
McNaughton, Stewart Alfred	Stellarton, P. E. Co.
McNeil, Ivan Sears	Halifax
MacNeill, Donald Neil	Sydney, C. B. Co.
MacNeill, Lloyd Charles	St. Peter's Bay, P. E. I.
MacNishol, Elizabeth Rose	Halifax
MacPhos, Harvey William, B.A.	Halifax
MacQuarrie, Charles Malcolm	Truro, Col. Co.
MacQuarrie, William Everton	Halifax
McQuinn, John Robert	Halifax
MacRae, William MacLean	(K) Halifax
MacRobbie, Harry Alexander	Lucky Lake, Sask.
McVittie, John Irving, B.A. (McGill)	Hamilton, Ont.
Mader, Carl Joseph	Mahone Bay, Lun. Co.
Mader, Cecily Anne	Halifax
Mader, Edward Arlington Ainsworth	Chester, Lun. Co.
Maharaj, Sukhir Sigoolan	Trinidad, B. W. I.
Mahor, James Wendell	Halifax
Majer, Pauline Isabel	Halifax
Mallett, James John	Yarmouth
Malloy, Earl Murray	Halifax
Mann, Kevin Joseph	Newcastle, N. B.
Mannette, William Young	Halifax
Manson, William Henry	Sydney, C. B. Co.
Margison, Kenneth Fraser	New Glasgow, P. E. Co.
Marke, Donald Boyd	(K) Halifax
Mariotti, Edward Theodore	Sydney, C. B. Co.
Mariotti, Helen Emma Mae	Halifax
Marshall, Alan Hamilton	(K) Halifax
Marshall, Arthur Richard	Halifax
Marshall, Ernest Bertram	Halifax
Marshall, Lindsay Reginald	Truro, Col. Co.
Martin, Joan Estelle	Halifax
Martin, William Harris	Springhill, Cumb. Co.
Mason, Keith Wentworth	(K) Halifax
Mason, Shirley Mae Rachel	Walloon, Cumb. Co.
Mattison, George Douglas	Halifax
Maxwell, Joan Margaret	Halifax

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May, Helen Elizabeth	Digby
May, Jack Raymond	McAdam, N. B.
Maynard, George Richard	Halifax
Meagher, Nicholas Patrick Joseph	Halifax
Meikle, Lola May Macintosh	(K) Halifax
Melanson, Agatha Marguerite, B.Sc. (Mt. A.)	Digby
Melnyk, Steve	Sydney, C. B. Co.
Melvin, Russell Newwood	Halifax
Menshons, William, B.Com.	Halifax
Mercer, Eric Bracewell, B.Sc.	Halifax
Merrick, Crystal Jean	Halifax
Merrick, Elizabeth Anora	Halifax
Messenger, Ronald Grant	Bridgetown, Anns. Co.
Millard, Hubert Road	Beauf, Alberta
Miller, David Lewis Clark	Halifax
Miller, George Young	St. John's, Nfld.
Miller, Samuel Wardwell	(K) St. John's, Nfld.
Milligan, Leith Alexander	Coleman, P. E. I.
Mills, Thomas Reginald	Trinity Bay, Nfld.
Milne, Peter Lennox	Halifax
Milne, Seaton Bennett	Glase Bay, C. B. Co.
Mingo, James William Edgar, B.A.	Halifax
Mingo, Peter Neil Edgar	Halifax
Mintz, May Diane	Halifax
Mintz, Rita Helen	Halifax
Mitchell, James William	(K) Hazel Hill, Guys. Co.
Mitchell, Jean Macy	Halifax
Moir, Carmen Frederick	Dartmouth, Hfx. Co.
Moir, Lloyd David	Dartmouth, Hfx. Co.
Moir, Louis Edward	Dartmouth, Hfx. Co.
Monaghan, Elizabeth Frances	Halifax
Moore, David Russell	Albion, P. E. I.
Moore, John Dawson	Halifax
Moore, William John	(K) Codroy, Nfld.
Moorhead, John Francis	(K) Fredericton, N. B.
Morna, Vaseco Henrique da Silva	St. John's, Nfld.
Morgan, Charles Robert	Guyboro
Morgan, David Irwin	Ottawa, Ont.
Morgan, Eric David	(K) St. John's, Nfld.
Morgan, Lockhart Wilbert	Halifax
Morrison, Margaret Gene MacGregor, B.A.	Halifax
Morley, Lloyd Gordon	Halifax
Morris, Clarence Harry	Milton, Queens Co.
Morris, Margery Una	Dartmouth, Hfx. Co.
Morrison, Gilbert Scott	Halifax
Morrison, Hugh	New Waterford, C. B. Co.
Morrison, Ian Campbell	Fairview, Hfx. Co.
Morrison, James Grant	Halifax
Morrison, Jessie Walker	Armdale, Hfx. Co.
Morrison, Kenneth Allan	Lech Loussord, Rich. Co.
Morrow, William Owen	Lansburg
Moseley, Virginia Queen	Dartmouth, Hfx. Co.
Mosher, George Bedford	Halifax

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Moulton, Carol Joyce	Halifax
Moulton, Gerald Edwin	Halifax
Mowat, John Porter Allan	North Sydney, C. B. Co.
Munford, Robert William	Campbellton, N. B.
Munro, Alan Thomas, B.A. (Mt. A.)	Brooklyn, Queens Co.
Munro, Frederick James	North Sydney, C. B. Co.
Munro, Ross Scott	Halifax
Munro, Ross Scott	North Sydney, C. B. Co.
Murphy, John Austin	(K) North Woodside, Hfx. Co.
Murphy, Douglas Duwrell	St. Stephen, N. B.
Murphy, Arthur Reid	Liverpool, Queens Co.
Murphy, Frank Eugene Joseph, B.A.	Halifax
Murphy, Raymond Mary	Jamaica Plain, Mass., U. S. A.
Murphy, Stanley Stewart	(K) Summerside, P. E. I.
Murphy, Robert Stewart	Bass River, Col. Co.
Murray, Barbara Anne	Halifax
Murray, Kathryn Dusen	Halifax
Murray, Nola Olive	Dartmouth, Hfx. Co.
Murray, Robert Bayne	Mabou, Inv. Co.
Murray, Stewart, B.Sc. (Rutgers), M.A. (Col.)	Lower Sackville, Hfx. Co.
Myra, Donald Clyde	Kimco, Hfx. Co.
Myrton, Joan Elizabeth	Halifax
Nash, Duane David	Halifax
Nathanson, Dorson Miriam	Glase Bay, C. B. Co.
Naugle, Faye Barbara	Woodside, Hfx. Co.
Nesb, Donald Arthur	(K) New Ross, Lun. Co.
Nelson, George Busby	New Brunswick, New Jersey, U.S.A.
Nelson, Gerald Ernest	(K) Tangier, Hfx. Co.
Nelson, Warren Henry	(K) Toronto, Ont.
Nesbitt, James Albert	(K) Edmundston, N. B.
Newcombe, Lloyd Kenneth	Bartonville, N. B.
Newman, Natalie Estelle	Halifax
Newman, Sophie Sadie	Sydney, C. B. Co.
Nichols, David Arthur	Truro, Col. Co.
Nichols, Dara Alice	Halifax
Nichols, Edward George	Halifax
Nichols, Lawson Blair	Aylesford, Kings Co.
Nicholson, David Edward	Halifax
Nicholson, Elva Wynne	(K) St. Stephen, N. B.
Nicholson, Joan Anna	Halifax
Nicholson, Ruth Erbe	Milford Station, Hants Co.
Nicholson, Winifred Mary, B.A.	Dartmouth, Hfx. Co.
Nickerson, John David	Bedford, Hfx. Co.
Nickerson, Kenneth Stanford	(K) Dartmouth, Hfx. Co.
Nieble, Donald Everett	(K) Halifax
Nierth, George Alfred Harry	Carroll's Corner, Hfx. Co.
Nightingale, Lauris Atherton	Halifax
Noel, Thomas Cortin	St. John's, Nfld.
Nodas, Dacia Betty	Springhill, Camb. Co.
Nootan, Edwin Michael	Halifax
Northup, James Robert	Halifax
Nowe, Bazel St. Clair	Lansburg
Nunn, Thomas Joseph, B.A.	Halifax

(K) Enrolled in King's College.

Oakley, Douglas Frederick	Halifax
Oakley, Neil Marsh	Halifax
O'Brien, Harold Beesler	Nigel, Hants Co.
O'Brien, John Beesly	Halifax
O'Brien, William Roland	Pagwash Junction, Camb. Co.
Ogilvie, William Douglas	Halifax
O'Keefe, James Ethelbert	Sydney, C. B. Co.
Olsen, Donald Blair	Rathurst, N. B.
Ord, Mauric Jean, B.Sc.	Dartmouth, Hfx. Co.
Orlando, Francis Wellington	Halifax
Orson, George Everard	Dartmouth, Hfx. Co.
Osborne, Robert Gordon	Arncliffe, Hfx. Co.
Otto, Harold Howard	Dartmouth, Hfx. Co.
Padis, Eduardo Ferreira	San Miguel, Spain
Page, Lester John	Saint John, N. B.
Palmer, Carl Vroom	(K) Aylesford, Kings Co.
Palmer, Paul Allison	Berwick, Kings Co.
Palmer, Ian Harold Morton	Halifax
Palnick, Samuel Hirsch	Montreal, Que.
Parker, David Harward	Yarmouth
Parker, Dana Lonnie	Berwick, Kings Co.
Parker, John Hettie Eugene	Halifax
Parker, Joyce Audrey	Halifax
Parker, Katherine Christene	Stellarton, P.E. Co.
Parker, Muriel Jean	Annapolis Royal, Anns. Co.
Parkhill, Barbara Caldwell	Halifax
Parks, Malcolm Gordon	Petite Riviere, Lun. Co.
Parsons, Melvin Louis	Cambridge, Mass., U. S. A.
Pateron, Joan Elizabeth	Dartmouth, Hfx. Co.
Paton, Harry Myer	Halifax
Patterson, Walter Alvin	Upper Stewiacke, Col. Co.
Pawley, John Scott	Halifax
Pearson, Stanley Arthur	Truro, Col. Co.
Peckham, Anne Elizabeth	Halifax
Pelham, Jerry	Halifax
Pendle, Yvette Simone	Halifax
Penta, Robert William	Halifax
Perkins, Frank Andrew	Cleveland, Ohio, U. S. A.
Perry, Laurence Parker	Halifax
Peters, Howard Roy	Sydney, N.B.
Peterson, William Michael	Merilbe, Sask.
Petrie, Elizabeth Helena	Rothsany, N. B.
Petrie, Franklin Roy	Grand Falls, N.B.
Petrie, John Alfred	Chatham, N. B.
Peveril, Margaret Agnes	Halifax
Phelps, Kenneth Proctor	Larchmont, New York, U. S. A.
Phillips, Evangeline Pascal	St. John's, Hants Co.
Phillips, Joseph Lloyd	Glace Bay, C. B. Co.
Pierce, Gordon Francis	Sydney, C. B. Co.
Pierre, Leon Lambert	St. George, Barbados, B. W. I.
Piggott, Carmen Lambert, B.Sc.	Bridgetown, Anns. Co.
Pigot, Patricia Ann Maria Doreen	Halifax
Pike, Eric	St. John's, N.B.

(K) Enrolled at King's College

Pitt, Thomas Kenton	Belle Island, N.B.I.
Pohrt, Renate	Cazaux, Venezuela
Porvitz, Eric Vernon	(K) Halifax
Porter, Charles Dickson	Falmouth, Hants Co.
Porter, Hector Melness	Westmount, Que.
Porter, Lawrence Tupper	St. Andrews East, Que.
Potter, Stanley William	Westville, P.E. Co.
Poulain, Charles Edward	Thorburn, P.E. Co.
Poulos, Stratton Peter	Halifax
Powell, Eva Gilechrist	Pictou
Power, Peter Maddin	(K) Sydney, C. B. Co.
Power, Thomas Aquinas, B.A. (St. Mary's)	Halifax
Prentice, Wilbert George	Springhill, Camb. Co.
Prescott, Henry Joseph	Sydney, C. B. Co.
Pricker, Louis Senors	Halifax
Prinehard, Ruggles Bernard	Ottawa, Ont.
Prossin, Albert, D.Sc.	Glace Bay, C. B. Co.
Proudfoot, James Albert	Inverness
Provas, Natalio June	Glace Bay, C. B. Co.
Pugh, Clayton Rudolph	Westport, Dig. Co.
Pyle, Donald Grant	Halifax
Quigley, Barbara Ann	Halifax
Quigley Douglas Gordon	Halifax
Quigley, William Gordon	Halifax
Rae, John Milton	West Branch, P.E. Co.
Rafuse, Edward William	Bridgewater, Lun. Co.
Rafuse, Jack Prince	Halifax
Rafuse, Keith Allen	Halifax
Rankins, Robert Walter	Saint John, N. B.
Rashkovan, Ernest	Montreal, Que.
Rattus, Eleanor Lois, B.Sc.	Westville, P.E. Co.
Read, Frances Mildred	Halifax
Read, Gordon Henry Hale	(K) Ottawa, Ont.
Read, Ronald O'Brien	Halifax
Reardon, Kenneth Vincent	Halifax
Reeves, John Martin	New Glasgow, P.E. Co.
Regan, Harold Augustine	Windsor, Hants Co. P.E.
Reid, Albert Richard, B.Sc.	North Sydney, C. B. Co.
Reid, Stanley Kenneth	Jamaica, B. W. I.
Reid, William George	Sydney, C. B. Co.
Rottie, Mary Isabel	Ottawa, Ont.
Richardson, Marvin Eric	Halifax
Richter, Robert Julius	Halifax
Ring, Alison Weldon	Dartmouth, Hfx. Co.
Ring, Esther Elaine	Rockville Centre, L. I., U. S. A.
Ripley, Norman Rankin	Copper Cliff, Ont.
Ripley, Ronald Hugh	(K) Sydney, C. B. Co.
Ritsey, Gordon Malcolm	Halifax
Ritshie, Muriel Anne	Amherst, Camb. Co.
Robbinstad, Melvin Thomas	Halifax, Sask.
Roberts, Gordon Vernon	Halifax

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Roberts, Leveson Henry.....	(K) Ed. Bay D'Espoir, Nfld.
Robertson, Janet Hishan.....	Bridgewater, Lun. Co.
Robertson, Robert Archibald.....	Halifax
Robertson, Walter Struan.....	Halifax
Robison, Samuel Bell.....	Charlottetown, P. E. I.
Rodd, Marjorie Frances.....	Moncton, N. B.
Rodwell, Douglas Henry.....	Halifax
Rogers, Donald Courland.....	Fairview, Hfx. Co.
Rogers, Douglas Herbert, B.Sc.....	Halifax
Rogers, Frank Leslie.....	Yarmouth
Rogers, George Alexander.....	(K) Halifax
Rogers, Nora Jane.....	Halifax
Roitman, Ellen Leon.....	Bethurst, N. B.
Roscoe, William Kirkpatrick.....	Halifax
Ross, James Stephenson, B.Sc.....	Halifax
Ross, Reginald Charles.....	Halifax
Rosenfeld, Herbert Hyman.....	Montreal, Que.
Rosenfeld, Shirley Esther.....	Halifax
Ross, John William.....	West Bay, Hich Co.
Ross, Robert Bruce.....	(K) Sydney, C. B. Co.
Rouatrou, Sedion Vibert.....	Verdun, Que.
Rowe, John Francis.....	Halifax
Roy, Gordon Seaforth.....	Westville, Pte. Co.
Rubin, Alan William.....	Halifax
Rudolph, Kenneth Roy.....	Sydney, C. B. Co.
Rushion, Clyde Sterling.....	Nov. Germany, Lun. Co.
Russell, Isabel Craig.....	Glace Bay, C. B. Co.
Sadofsky, Dolores Phyllis.....	Sydney, C. B. Co.
Salisbury, Norman James.....	Montreal, Que.
Sanderson, Henry Preston.....	Kinross, P. E. I.
Sarantos, Douglas Lawson.....	Armadale, Hfx. Co.
Saunders, Dorothy Lorena.....	Sandy Cove, Dig. Co.
Saunders, Edmund Ralph.....	Berwick, Kings Co.
Saunders, Michael Albert.....	(K) Hillsboro, Albert Co., N. B.
Saunders, Reginald Oliver.....	Lunenburg
Saviouskie, Joseph Edward.....	Armadale, Hfx. Co.
Sawyer, John Bernal.....	Halifax
Schäfer, Ernest Paul.....	Winnipeg, Man.
Scheler, Ruth Alina.....	Moncton, N. B.
Schnare, Gordon Ivan.....	(K) Lunenburg
Schwartz, Jack.....	Brooklyn, New York, U. S. A.
Schwartz, Rhina Deana.....	Halifax
Scobie, Thomas David.....	Sydney, C. B. Co.
Scothern, Arthur Dalton.....	Sydney, C. B. Co.
Scott, Phyllis Barbara.....	(K) Halifax
Seaman, Donald Maxwell.....	Dartmouth, Hfx. Co.
Seer, Harry Lawrence.....	Charlottetown, P. E. I.
Sederis, Peter Theodore.....	Halifax
Seeger, Moyra Elizabeth Neale.....	Halifax
Seeger, Norman Mountcastle.....	Halifax
Seely, Charles Anselvy.....	Hampton Station, N. B.
Sevigny, James Francis.....	St. John's, Nfld.
Sewell, Roy.....	Halifax
Shana, Aubrey Murray.....	Yarmouth

(K) Enrolled at King's College.

Shatford, Donald Everett.....	Halifax
Shaw, Donald Murray.....	Sydney, C. B. Co.
Shaw, Gerald Clowes.....	Harland, N. B.
Shaw, Ralph Audley.....	Sydney, C. B. Co.
Sherron, William Dudley Leonard, B.Sc.....	Charlottetown, P. E. I.
Shields, Helen Freda, B.A.....	Halifax
Shields, John Walker.....	Dartmouth, Hfx. Co.
Shimun, Arthur George Shaw.....	Hannington, Ont.
Short, Kenneth William.....	Berford, Hfx. Co.
Short, Robert Hakoney.....	(K) Berford, Hfx. Co.
Shupe, Gilbert Edward.....	Halifax
Silver, Isobel Joyce, B.A.....	Bridgewater, Lun. Co.
Simmons, Carl Reginald.....	Halifax
Simpson, Anita Mae-Joni.....	Sydney, C. B. Co.
Simpson, Frances Dorcas.....	Halifax, N. B.
Sissman, Alexander Ramchit.....	San Fernando, Trinidad, B. W. I.
Sinclair, Janet Ann.....	Nov. Glasgow, Pte. Co.
Sinclair, John George.....	Halifax
Sinclair, William Ernest.....	Halifax
Singh, Walter Sherwan Anandpati, B.Sc.....	Demeraras, British Guiana, S.A.
Singh, William Leslie.....	Ville La Salle, Que.
Sister Anne Tronquait.....	Campbellton, N. B.
Skier, George Augustus.....	Halifax
Skinner, Ernest William.....	Inverness
Slater, Joseph Garfield.....	Westville, Pte. Co.
Slater, Roland Ross.....	Sydney, C. B. Co.
Slaven, James Royal.....	Sydney, C. B. Co.
Slipp, Robert Murray.....	Woodstock, N. B.
Smadman, John Alphonse.....	Summerside, P. E. I.
Smadwood, Robin Henry Evans.....	Calgary, Alta.
Smeltzer, Joseph Arthur.....	Dayspring, Lun. Co.
Smith, Aise Raymond.....	City Terrace, St. John's, Nfld.
Smith, Chester Haine.....	(K) Windsor, Hants Co.
Smith, Craig Cameron.....	Halifax
Smith, Donald Gilbert.....	Bridgewater, Lun. Co.
Smith, Donald Ross.....	Halifax
Smith, Earle Marshall.....	Halifax
Smith, Earl Reginald.....	(K) Sydney, C. B. Co.
Smith, George Donald.....	Dorchester, N. B.
Smith, Marjorie Lorraine, B.Sc. (S. F. X.).....	Pictou
Smith, Norman Saylor.....	Halifax
Smith, Robert Alexander.....	Westmount, Que.
Smith, William, Joseph.....	St. John's, Nfld.
Smyth, Audrey Clare.....	(K) Halifax
Smyth, Mary Mured.....	(K) Armadale, Hfx. Co.
Smyth, Robert Dunlop.....	Quebec, P. Q.
Snow, Arthur Clancy.....	(K) Halifax
Snow, David Allison.....	Halifax
Snow, James Timothy.....	Dingwall, Vio. Co.
Snow, Lewis.....	Bay Roberts, Nfld.
Snow, Walter Woodworth.....	Harrington Passage, Shel. Co.
Souza, Patricia Ann.....	St. Laurent, Que.
Snyder, Alvin Arnold.....	Dayspring, Lun. Co.

(K) Enrolled at King's College.

Solerman, Daniel Allan	Halifax
Somers, Claire French	Summerside, P. E. I.
Spavold, Stanley William	Nov Tasket, Digby Co.
Speller, Robert Gordon, B.A.	Hopewell, P.E. Co.
Spencer, Dorothy Mae	Halifax
Spurr, Philip Rupert	Torbrook Mines, Anna. Co.
Scuire, James Patrick Aylward	Halifax
Steele, Laura Aileen	Ottawa, Ont.
Stevenson, Elbert Andrew	Sydney, C. B. Co.
Stevenson, Margaret Anne	St. Catharines, Ont.
Stewart, Alce Thompson	Dartmouth, Hfx. Co.
Stewart, Donald Roney	Dartmouth, Hfx. Co.
Stewart, James Spencer	Quebec, Que.
Stewart, John Angus	Halifax
Stewart, Keith Donald	Halifax
Stewart, Norman Fulton	Bridgewater, Lun. Co.
Stewart, William Gordon	Halifax
St. Helens, Dennis Victor	St. Lucia, B. W. I.
Strohl, Sam	Montreal, Que.
Suffly, James Rigg	Halifax
Sullivan, Thomas Cyril, B.A. (St. Mary's)	Halifax
Sutherland, May Louise	Saint John, N. B.
Sutherland, Rodolick Crawford	Amherst, Camb. Co.
Swan, Freeman Cook	Tasmanogothic, Cal. Co.
Swan, Matthew Henry	Harvey Station, N. B.
Swanburg, Kael Rodney	Halifax
Symons, Norah Dorothy	(K) Dartmouth, Hfx. Co.
Tait, James Simpson	Southport, P. E. I.
Tanner, Frederick Amos	Bedford, Hfx. Co.
Tanner, Howard Donald	Lunenburg
Taylor, Howard Heath	Halifax
Taylor, Medford Douglas	Falmouth, Hants Co.
Taylor, Robert MacKenzie	Halifax
Towl, Gloria Jean	(K) Saint John, N. B.
Thackston, Donald Spenshott	Halifax
Thackston, Franklyn Henry, B.Sc. (Aradia), B.E. (N.S.T.C.)	Truro, Col. Co.
Therault, George Henry	Halifax
Thurston, Anne Elizabeth Malson, (K)	Bedford, Hfx. Co.
Thomas, Graham Melrose	Halifax
Thomas, Margaret Lillian	(K) Halifax
Thompson, Betty Corinne	Saint John, N. B.
Thompson, Clarence Rhodes	Four Paths, Jamaica, B. W. I.
Thompson, Edward Prescott, B.A.	Bedford, Hfx. Co.
Thompson, Garnet Maceo	Halifax
Thompson, Leona Audrey	Nine Mile River, Hants Co.
Thompson, William Harold, B.A.	Halifax
Thompson, William Leith	Charlottetown, P. E. I.
Thorne, Barbara Westphal	(K) Halifax
Tibbetta, Donald Cleveland	Port Grenville, Camb. Co.
Tibbetta, Theodore Elmeron	Ward's Brook, Camb. Co.
Tierney, Leith Francis	Charlottetown, P. E. I.
Tiller, Harry Leslie	Wesleyville, Nfld.
Tilley, Frances Beth	(K) Barton, Digby Co.

(K) Enrolled at King's College.

Timothy, Kenneth Rowland Gwynne	Fairview, Hfx. Co.
Tingley, Clark Richard	Hopewell Hill, N. B.
Tingley, Irvine Ira	Halifax
Tolman, Murray MacEwen	Halifax
Tomblin, William Alfred	(K) Sydney, C. B. Co.
Toussard, Clotus Allan	River House, Rich. Co.
Taylor, Kenneth Le Roy	Arncliffe, Hfx. Co.
Tompkins, Elizabeth Anne	Simons, Que.
Tracy, George Albert	(K) Halifax
Trainor, Gordon Joseph	Charlottetown, P. E. I.
Trenaman, Louis Gerwaise	Halifax
Trinn, John David	Montreal, Que.
Trivett, Donald Frederick James	(K) Sydney, C. B. Co.
Trueman, Whitley Alder	(K) Parrsboro, Camb. Co.
Tucker, George Rodrick	Woodside, Hfx. Co.
Tufts, Gordon Watson	(K) Dartmouth, Hfx. Co.
Tuffs, Laurie Donald	Dartmouth, Hfx. Co.
Tupper, James Andrew	(K) Lunenburg
Twoig, Frances Edwardine	(K) Kentville, Kings Co.
Urquhart, Howard Donald	Parrsboro, Camb. Co.
Urquhart, Mary Elizabeth	Parrsboro, Camb. Co.
Veinotte, Mary Elizabeth	Bridgewater, Lun. Co.
Yeloff, Ryan Niden	Halifax
Venham, Pamela Betty	(K) Halifax
Vergara, Adela	Columbia, S. A.
Verrall, Edith Ann	Truro, Col. Co.
Vincent, Hugh Brian	Halifax
Vogler, Eveline Bertha	Halifax
Vogler, George Bernard	Halifax
Waddell, Alfred Ernest	Halifax
Waddell, Sylvia Kathleen	Halifax
Wadden, Arthur Roger	(K) Glass Bay, C. B. Co.
Wadlen, Clarence Frederick	New Glasgow, P.E. Co.
Wadlyn, Lawrence Reginald	Bonnie Harbour, N. B.
Wallace, Douglas Murray	Sumas, N. B.
Wallace, Richard Melling	Halifax
Wallace, Robert Milton	Sumas, N. B.
Wallace, Vernon Bruce	Halifax
Walker, Donald Larry	Halifax
Walker, Donald Henry	Arncliffe, Hfx. Co.
Wallis, Patricia Bernice	(K) Halifax
Walls, Smith Grant	Lunenburg, C. B. Co.
Walters, Carol Stanislaus	Westville, P.E. Co.
Wambolt, Harold Cecil	Halifax
Ward, Robert Edwin	Halifax
Ware, Lorraine Elizabeth	Halifax
Warr, George William	Springdale, Nfld.
Warren, Elden Stuart	Lewisville, N. B.
Warren, Shawn	Halifax
Wasson, William Hollis Denson	Saint John, N. B.
Watson, Robert Alder	Fredricton, N. B.
Watts, Anne Hibbard Goss, B.Sc.	Halifax

(K) Enrolled at King's College.

Webber, Carl Samuel, B.A.	Halifax
Webber, Russell Vincent, B.Sc.	Cambridge, Hants Co.
Webster, Austin Rae	Canning, Kings Co.
Weinberg, Hershel	Toronto, Ont.
Weir, Josh Milton	Fairview, Hfx. Co.
Weldon, Carl Kinsman	Arncliffe, Hfx. Co.
Welford, Donald Frederick	Saint John, N. B.
Wener, Gerald	Glace Bay, C. B. Co.
Wentzell, Jason DeWolfe	Oakland, Lun. Co.
West, Gerald Lemont	Lockhartville, Kings Co.
Westcott, Donald Duane	Edmonton, Alta.
White, Alberta Vaughan, B.A. (M.L.A.)	Sussex, N. B.
White, Mary Catherine Carmel	Halifax
White, Richard Henry	Castries, St. Lucia, B. W. J.
White, William Edward	Halifax
Whiteway, Stirling Giddings, B.Sc.	Stellarton, P. E. Co.
Whitman, Nancy Eleanor Edmund (K)	Halifax
Whittier, Joyce Marie	Halifax
Whitman, Gertrude	Halifax
Wilcox, John Noel	(K) Dartmouth, Hfx. Co.
Wile, William Henry	Bridgewater, Lun. Co.
Wilks, Roy Allen	Moncton, N. B.
Williams, George Lemont	North Sydney, C. B. Co.
Williams, Robert Harris	Halifax
Williams, Ruth Lorraine	(K) New Glasgow, P. E. Co.
Williams, Stuart Gibson	Roand Hill, Anns. Co.
Willis, Byron Lester, B.A.	Halifax
Williston, John Miles	Sydney, C. B. Co.
Willis, Roland Oliver	Georgetown, British Guiana.
Willmot, John Rodrick	Moncton, N. B.
Wilson, George Alan, B.A.	Dartmouth, Hfx. Co.
Wilson, John Moran Cochran	Liverpool, Queens Co.
Wilson, Raymond Willet	Liscomb, Guys. Co.
Wilson, Robert Bruce	Halifax
Wolfson, Dennis	Sydney, C. B. Co.
Wolfson, Arlene Ada	Halifax
Wolfson, Robert Leonard	Halifax
Wood, Edward Kenneth	St. John's, N. B.
Wood, Jessie Carol	Sackville, N. B.
Woodhead, George Rufus	(K) Sydney, C. B. Co.
Woods, Roy Kitchener	Halifax
Woodward, Daniel Bernard	Newton, Mass., U. S. A.
Woodrugh, Charles Victor	Halifax
Worthybine, Millan Grant	New Glasgow, P. E. Co., N. S.
Wren, William Justin	Halifax
Wylie, Douglas Wilson, B.Sc. (U.N.B.)	Fredericton, N. B.

Yates, John Allister	Halifax
Yeadon, Helen Marjorie	Truro, Col. Co.
Yeomans, Glyn Alison	Victoria, B. C.
Zwieler, Sherman Fenwick Homer	Lunenburg

(K) Resident at King's College.

REGISTERED FOR EXAMINATIONS ONLY (1948-49).

Adamson, Robert Samuel	Dartmouth, Hfx. Co.
Allen, Clinton Lloyd	Halifax
Atkinson, Huldah Frances	Truro, Col. Co.
Bishop, William Marshall	Bracebridge, Ont.
Broughton, Esther Annaris	Dartmouth, Hfx. Co.
Burgoyne, David Graham	Hamilton, Ont.
Cairns, Robert Ernest Setchell	Kensington, Que.
Campbell, Hugh Dunlap	Hamilton, Ont.
Chubbish, Roy Kingsley	Shawinigan Falls, Que.
Cochrane, Malcolm Biglow	Hantsport, Hants Co.
Cooke, John Kenneth	Halifax
Cosper, Donald Ward	Halifax
Coulson, Bruce Keir	Northam, P. E. I.
Covey, Denis Jean Benson	Halifax
Crandall, Robert Gordon	Moncton, N. B.
Doaks, John Bartlett	Halifax
Douglas, Charles Millett	Caledonia, Queens Co.
Ellsworth, William Redmond	New Waterford, C. B. Co.
Fergusson, Fergus Alexander Adair	Weymouth North, Dig. Co.
Findlay, Melvin John	Dartmouth, Hfx. Co.
Foots, Frederic Stephen	Merigonish, P. E. Co.
Fraser, Donald George	Truro, Col. Co.
Gillan, James Donald	Sydney, C. B. Co.
Gillingham, Ralph Garland	Safe Harbour, Nfld.
Gillis, James Crichton	West River, P. E. Co.
Gunn, Claire Archibald	Stellarton, P. E. Co.
Hare, Sanford Webster	Halifax
Heekman, Philip Jeffrey	Halifax
Hubbey, Owen Glen	Halifax
Jeffrey, Robert Earle	Montreal, Que.
Jubien, Edna Jean	Halifax
Keating, James Walter Joseph	Halifax
Kepton, Alice Roberts	Milton, Queens Co.
Elms, Daniel Edwin	Halifax
Knight, Edmund James	Halifax
Logan, Helen Patricia	Halifax
MacAulay, Perley Hart	Kingston, Kings Co.
MacCarr, Charles Eldon	St. Walburg, Sask.
MacKeigan, Donald Archibald	Glace Bay, C. B. Co.
MacKenzie, Kenneth Dale	Halifax
MacKinley, Arthur Norman	Glace Bay, C. B. Co.
MacKinnon, Elizabeth	Halifax
MacLellan, Nancy Eileen Yale (Colquhoun)	Halifax
MacMillan, Ray Pringle	Sydney, C. B. Co.
MacQuarrie, Robert Waldron	Scourie, P. E. I.
McQuinn, Alan P.	Halifax
Malcolm, Frederick William	Dartmouth, Hfx. Co.
Mancini, Vincent Sylvester	North Sydney, C. B. Co.
Martin, Marilyn Doreen	Halifax
Miller, Donald John	Shabemacdie, Col. Co.
Mosser, Carmen Sinclair	Dartmouth, Hfx. Co.
Mosely, John Frederic Bourmont	Halifax
Nunn, Alvin Ashford	Halifax
Parsons, David Ralph	Halifax

Patten, Chesley Wilfred	Grand Bank, Nfld.
Phillips, Joseph Lloyd	Glouce Bay, C. B. Co.
Pond, Robert William Frederick	Halifax
Ross, John Ira	Elmsdale, Hants Co.
Roy, Edith Alma	Stellarton, P. E. Co.
Semple, Leo Arthur	Kensington, P. E. I.
Shillington, Thomas Hughes	Halifax
Silward, William Murray	Halifax
Smith, Barbara Harbord	Annapolis Royal, Anns. Co.
Sneggs, William Herbert	Halifax
Steele, George Herbert	Charlottetown, P. E. I.
Stoddard, Jesse Carmen	Halifax
Thompson, Kenneth George	Halifax
Thurgood, Charles Murdoch	Sydney, C. B. Co.
Veinotte, Dean William	Halifax
Vonitz, Charles Bernard	Bathurst, N. B.
Warr, Ivan Ross	Truro, Col. Co.
Walters, Alex S.	Kentville, Kings Co.
Wilson, Eugene Vaughn	Truro, Col. Co.
Young, Wilfred	Halifax
Zwicker, Ronald Eugene	Danville, Que.

FACULTY OF LAW

Third Year

Amirault, Ernest James, B.A. (St. Ann's)	Halifax
Ballem, John Hix's, M.A.	New Glasgow, P. E. Co.
Baehman, George Perry	Falmouth, Hants Co.
Best, Maurice Desmond	Belleisle, Anns. Co.
Black, Gordon Samuel	Halifax
Black, Isidorick MacDonnell	Halifax
Barker, Robert James, B.A. (St. Mary's)	Halifax
Colbourne, Harold Douglas	Bishop's Falls, Nfld.
Cox, Arthur William, B.A. (Acadia)	Narrows, Queens Co., N. B.
Dawe, Kenneth Stewart	Summersville, Nfld.
DeWolfe, John Benjamin, B.A. (Acadia)	South Ohio, Yar. Co.
Dougwall, Claude Aron	Sydney, C. B. Co.
Dowell, Ronald Chester	Halifax
Dorje, Robert Philip	Annapolis Royal, Anns. Co.
Dunbar, John Arthur	Stellarton, P. E. Co.
Dunn, George William	Port Colborne, Ont.
Ellsworth, Michael James, B.A. (St. F.X.)	Springhill, Cumb. Co. Windsor, Hants Co.
Fitzpatrick, Lloyd Allison	Windsor, Hants Co.
Fleming, Francis John, B.A.	Warman, Alta.
Fullerton, William Bruce, B.A. (Mt. A.)	Parrsboro, Cumb. Co.
Gallant, Joseph Agostin	Erzsud Bay, P. E. I.
Gerity, Francis O'Brien	Halifax
Gunn, Alfred Osborne	Sydney, C. B. Co.
Harquail, Gerald Martin	Campbellton, N. B.
Harris, John Edmund	Humber Bay, Ont.
Hudson, Roy Fisher	County Harbor, Guys. Co.
Hunt, Douglas Charles	Halifax
McCombs, Harris Edgar	Medicine Hat, Alta.
McDonald, Louis Harry	Halifax
Mackinnon, Robert Buckley	New Glasgow, P. E. Co.
MacIsaac, John Francis	Dartmouth, Hfs. Co.
McKelvey, Edward Neil	Saint John, N. B.
Matheson, Gordon Robert	Donkin, C. B. Co.
Matthews, Kenneth McNeill	New Aberdeen, C. B. Co.
Mewer, Donald Archibald	Bishop's Falls, Nfld.
Mingo, James William Edgar, B.A.	Halifax
Misner, Carl Marsdock	Port Wells, Hfs. Co.
Noel, Nathaniel Stewart	St. John's, Nfld.
O'Neil, Patrick Duncan, B.A. (St. Mary's)	Mundare, Alta.
Parsons, William George	Gelbre Cove, Nfld.
Rettie, Edward Ross, B.A.	Oranora, Ont.
Robinson, James Stanley	Halifax
Romard, Victor	Cheticamp, Inv. Co.
Ryan, James William	North Sydney, C. B. Co.
Soper, Pieman Lloyd	St. John's, Nfld.
Stoughton, George Dwight, B.Sc. (Trib.)	Bismarck, Conn., U. S. A.
Townsend, Arthur Martel, B.A., B.Ed. (Acadia)	Louisburg, C. B. Co.

Urquhart, Donald Roland Stellarton, Pse. Co.
 Wainbury, David John Cunningham Rookington, Hfr. Co.
 Whalley, Michael George Sydney, C. B. Co.

Second Year

Allan, Vincent Peter Halifax
 Baesardac, Alfred Albert Alicia Poireriville, Rich. Co.
 Barron, Reginald Roy Halifax
 Bell, Lewis Alexander Halifax
 Bloomer, Peter Henry Edward Halifax
 Burke, Archibald Port Hood, Inv. Co.
 Bushell, Martin Hart Hazel Hill, Guys. Co.
 Caldwell, Allan Lloyd, B.A. (Acadia) Sydney Mines, C. B. Co.
 Caldwell, Ronald Charles, B.A. (Acadia) Bedford, Hfr. Co.
 Chisholm, Sheldon Percy Kentville, Kings Co.
 Clark, Gordon Story Halifax *name of reg. return*
 Curron, Donald Edward Halifax
 DeLong, Howard Ryan Sydney, C. B. Co.
 Dempster, Frank James Joseph Halifax
 Ellsworth, Douglas Colville Dalhousie, N. B.
 Feener, James Earl Liverpool, Queens Co.
 Fitzpatrick, John Anthony Halifax
 Giles, Alham Macmillan Charlottetown, P. E. I. *27 July*
 Graham, Charles William, B.A. (St. F.X.) Bridgetown, C. B. Co.
 Grant, Ernest Robert Pictou
 Grant, William Johnston Weymouth, Digby Co.
 Hanington, Peter, B.A. Saint John, N. B.
 Hartigan, James McKay, B.A. (Acadia) Shelburne
 Hartigan, David Vaughan, B.A. (St. F.X.) Sydney Mines, C. B. Co. *Centerville*
 Hicks, Douglas Graeme, B.A. (M.L.A.) Sydney, C. B. Co.
 Hillman, William Archibald Sydney, C. B. Co.
 James, Kenneth Nat., B.Com. Halifax
 Langston, Charles Van Wyck Toronto, Ont.
 Leaver, Rudy Stanton Montserrat, New York, U. S. A.
 Lewis, Claude Thomas, B.A. (Mac Master) Hamilton, Ont. *Highland South*
 Lyall, Robert Hunter, B.Com. Halifax
 McColeugh, John Reginald Gerard Halifax
 MacDonald, Harry Bartholomew Digby, Rich. Co.
 MacDonald, William Chester Stanley Summerside, P. E. I.
 McIntyre, Joseph Gerard Glace Bay, C. B. Co.
 McIntyre, Michael Leo, B.A. (St. F.X.) Glace Bay, C. B. Co.
 McKinnon, Sylvester New Glasgow, Pse. Co.
 MacLennan, Clarence Hugh Sydney Mines, C. B. Co.
 MacLeod, Robert Graham, B.A. (Acadia) Charlottetown, P. E. I.
 MacPherson, Hugh Joseph, B.A. (St. F.X.) Halifax
 MacPherson, Jean Agnes, B.Sc. (St. F.X.) Halifax
 Matthews, Weldon Carruthers O'Leary, P. E. I.
 Moores, Cecil William Halifax
 Mowra, Arthur William Dennis, B.A. St. John's, Nfld.

Nielson, Erik Herskott Halifax
 O'Brien, John Joseph Gerald, B.A. (Loyola) Montreal, Que. *1948*
 Oliver, Hubert Galt Calgary, Alta.
 O'Neill, Thomas Bernard Quebec, Que.
 Pearson, William Scott, B.A. (Tor.) Sarnia, Ont.
 Pollock, Hector Joseph Weymouth, Dig. Co.
 Rosvold, James Donald Yarmouth
 Regan, Walter Stephen Windsor, Hants Co.
 Rhade, Henry Burton Halifax
 Robertson, Charles Douglas Ottawa, Ont.
 Robinson, Ralph Frederick Moncton, N. B.
 Samuels, Solomon New Glasgow, Pse. Co.
 Saxton, Stephen Joseph Sydney, C. B. Co.
 Sherwell, Brian, B.A. Summerside, P. E. I.
 Smith, Linden Marshall Kentville, Kings Co.
 Taylor, Kenneth LeRoy Armdale, Hfr. Co.
 Triton, Alan Gore Sackville, N. B.
 Urquhart, Earl Wallace West Bay, Rich. Co.
 Wallace, Stuart Herbert Victoria, B. C.
 Waterfield, Gordon Sinclair Dartmouth, Hfr. Co.
 Williams, Donald Browne Halifax
 Yates, George Glace Bay, C. B. Co.

First Year

Armstrong, Robert Marine, B.A. (Acadia) Brooklyn, Queens Co.
 Arthur, Henry Abe Sydney, C. B. Co.
 Baker, John Blake Stellarton, Pse. Co.
 Baker, Bryan Halifax *1948*
 Bishop, Arthur Adelbert, B.A. (Acadia) New Minas, Kings Co. *1948-49 244*
 Broke, Maxwell Walker, B.A. (St. F.X.) Sydney, C. B. Co.
 Burebail, Charles Dennis Sydney, C. B. Co. *233 Brunswick St*
 Burdes, Gordon Grant Bridgewater, Lun. Co.
 Barry, Arthur Greenwood, B. B., Nfld.
 Campbell, Bert Granville Windsor, P. E. I.
 Clark, Lorne Otis Malaga, Camb. Co.
 Cochrane, Edward Roy Amherst, Camb. Co. *Reading off 1949*
 Colburn, Edward Neil, B.A. Sydney, C. B. Co. *1948-49 244*
 Coles, Gordon Francis Halifax
 Comanoroff, John Albert Lantz Sliding, Hants Co.
 Croftman, Roy Halifax
 Crowell, Archibald Austin, B.Sc. (Acadia) Bridgetown, Anns. Co.
 Cunningham, Herbert DeWolfe Guysborough
 Curry, Leon Archibald Windsor, Hants Co.
 Cyr, Roger Felix Bernard Edmundston, N. B.
 Davis, George Webster Halifax
 Downie, Ronald Joseph, B.A. (St. Mary's) Halifax *1948-49 244*
 Dunslop, James Hugh Campbell Halifax *1948-49 244*
 Dunn, Jack Newton, B.A. (Tor.) Toronto, Ont. *1948-49 244*
 Edwards, Louis Bernard Sydney Mines, C. B. Co. *1948-49 244*
 Fraser, Thomas Hunter Stellarton, Pse. Co.
 Furlong, James Albert Musquodoboit Harbor, Hfr. Co. *1948-49 244*

17-17	Gilson, Isaac Brent, B.A. (L.)	Truro, Col. Co.
	Gosnell, Clair Harry	East Bathurst, N. B.
	Guy, Thomas Cameron	Bridgewater, Lun. Co.
17-18	Harris, Alfred Lionel	Three Rivers, Que.
	Hatherly, Jack Wylie	River Robert, Cumb. Co. <i>Central New Brunswick</i>
18-19	Hoffler, Thomas Edmund, B.A.	Halifax <i>1948-49</i>
19-20	Hobbs, Kenneth Angus	Sydney, C. B. Co. <i>1948-49</i>
	Hinton, Kenneth Young, B.A. (U.N.B.)	Bathurst, N. B. <i>1948-49</i>
21-22	Holloway, Thomas Robert	Halifax
	Husett, Robert Stanley	Chatham, N. B. <i>1948-49</i>
	Ibsen, Harry Borden	Halifax <i>1948-49</i>
	Jones, Malachi Cornelious Huber	Roxborough, Hfx. Co. <i>1948-49</i>
23-24	Joseph, Kenal	Truro, Col. Co.
19-25	Kinsman, Eric Hugh, B.A. (Acadia)	Kentville, Kings Co.
	Knight, Donald Arthur, B.A. (Acadia)	Saint John, N. B.
	Lee, Paul Albert Joseph	Halifax <i>1948-49</i>
26-27	Lewis, Kathleen Beryl	Piaster Rock, N. B.
	Lozack, George Cecil, B.A. (Queen's)	Moncton, N. B.
	Love, Bisher Bryce Andrew, B.A. (Acadia)	New Glasgow, P.E. Co. <i>1948-49</i>
	Lyons, Joseph Chisholm, B.A. (St. F.X.)	Halifax <i>1948-49</i>
	MacLain, Arthur Alister	New Glasgow, P.E. Co. <i>1948-49</i>
	McDade, Bruce Reginald	Parishova, Cumb. Co. <i>1948-49</i>
	MacDonald, Angus Lewis	Halifax <i>1948-49</i>
	MacDonald, George Bruce	Sherbrooke, P. E. I. <i>1948-49</i>
	MacDonald, James Arthur	Kentville, Kings Co. <i>1948-49</i>
27-28	MacDonald, Wallace John	Sydney, C. B. Co.
	MacKinnon, Hugh Charles	Halifax <i>1948-49</i>
	MacLeod, Adolphe Arens	Dartmouth, Hfx. Co. <i>1948-49</i>
27-30	MacMillan, John Joseph	Antigonish
	MacMillan, Sterling Gregory	Bridgetown, Anns. Co.
25-27	MacSwain, Patrick Joseph	Glasse Bay, C. B. Co.
	Menshons, William, B.Com.	Halifax <i>1948-49</i>
28-29	Miller, Richard Lawrence, B.A. (M.H.E.R.)	Moncton, N. B. <i>1948-49</i>
	Minton, Donald Alexander, B.A. (Acadia), M.A. (Minnesota)	Moncton, N. B.
	Morrison, Daniel Bernard	Georgetown, P. E. I.
	Murphy, Russell Joseph, B.A. (St. F.X.)	Shediac, N. B.
29-30	Nicholson, Woodbury	Florence, C. B. Co.
30-31	O'Connor, Mack William, B.A. (St. F.X.)	Georgetown, P. E. I.
27-29	O'Handley, Frederick Wilnot	Sydney, C. B. Co.
	Pay, Howard James Gordon	Moncton, Que. <i>1948-49</i>
	Beggs, Gerald Augustine	Windsor, Hants Co.
	Robertson, Ian Ross	Sydney, C. B. Co. <i>1948-49</i>
30-31	Robichaud, Yves Jaddus, B.A. (St. Joseph)	Richibucto, N. B.
31-32	Robinson, Deanne Delma Reid, B.A. (Acadia)	Cambridge, Kings Co.
	Rosse, Douglas Goodwin, B.A. (U.N.B.)	Fredericton, N. B.
	Scott, John Wilson, B.A. (Queen's)	Halifax <i>1948-49</i>
	Smith, George Alister Sutherland, B.A.	Sydney, C. B. Co.
	Strangward, Lloyd Edwin	Halifax <i>1948-49</i>
	Swanberg, Karl Rodney	Halifax <i>1948-49</i>

	Tait, Robert Charles	Sherbrooke, Que.
	Troy, Orval John Thomas	Halifax <i>1948-49</i>
	Vandert, Evans Nelson	Halifax <i>1948-49</i>
	Wentzell, James DeWolfe	Oakland, Lun. Co. <i>1948-49</i>
32-33	Wiggins, Thomas Victor Stone, B.A. (M.I.A.)	Young's Cove Road, N. B.
34-35	Williams, Coleridge Arnold, B.A. (McGill State)	Hamilton, Bermuda.
36-37	Young, Carl Harold	Dartmouth, Hfx. Co.
	Zides, Milton, B.A. (U.N.B.)	Coolbrook, N. B. <i>1948-49</i>

FACULTY OF MEDICINE

Fifth Year

	Algie, Gordon Haig	Moncton, N. B.
	Auld, Robert Waldron	Freetown, P. E. I.
	Balmaine, James Taylor	Joggins, Camb. Co.
	Boswell, Mack Loren	Charlottetown, P. E. I.
	Brennan, Donald Sinclair, B.Sc. (Acadia)	New Minas, Kings Co.
	Burger, Edward Glennie, B.A., M.Sc. (Western Ont.)	St. Thomas, Ont.
	Cantwell, Joseph Francis	St. John's, Nfld.
	Chambers, James Gordon	Nieth Sydney, C. B. Co.
	Clyden, Gerald Rosborough	Moncton, N. B.
	Davis, Gerald Ernest	Bridgetown, Anns. Co.
	Day, Cecil Maurice	Moncton, N. B.
	Eaton, Reginald Curran, B.Sc. (Acadia)	Pictou
	Frasse, James Little, B.A. (U.I.C.)	Vancouver, B. C.
	Fuller, Stewart Carlyle	Bellford, Hfx. Co.
	Hickey, Frank Kevin	St. John's, Nfld.
	Hier, David, B.Sc.	Montreal, Que.
	Hirsch, Solomon, B.Sc.	Sydney, C. B. Co.
	Hirth, Lloyd Roy	Halifax
	Hunter, Helen MacKay, B.Sc.	Halifax
	Jacobson, Horace Harold Hunter, B.Sc. (U.N.B.)	Saint John, N. B.
	Karvel, Israel, B.A. (M.I.A.)	Sydney, C. B. Co.
	Keating, Douglas Wilfred Blake	Moncton, N. B.
	Knight, Arthur Law, B.Sc.	Halifax
	Lesser, Joseph Harris	Saint John, N. B.
	Levitz, Abraham	St. John's, Nfld.
	MacInnes, Donald Ross, B.Sc.	St. John's, Nfld.
	McKintosh, Lian Leggie	Sydney Mines, C. B. Co.
	MacLellan, John Fraser	Halifax
	MacLeod, Angus Alexander	Lorne Valley, P. E. I.
	Mercer, Alvin Robert	Bishop's Falls, Nfld.
	Miller, Robert Bruce	Campbellton, N. B.
	Moreside, James William	Charlottetown, P. E. I.
	Ngly, John Edward, B.Sc. (M.I.A.)	St. Andrew's, N. B.
	Pardee, Leaveno Gordon, B.Sc.	New Glasgow, P.E. Co.
	Seares, Harold Gordon	St. Stephen, N. B.
	Stephens, Leonard James	Saint John, N. B.
	Teale, Stanley Nelson	Granby, Conn., U. S. A.
	Thornhill, John Charles, B.A. (St. Mary's)	Halifax
	Tompkins, Myles Gregory	Dartmouth, C. B. Co.

Townsend, Francis Ralph	.....	Louisburg, C. B. Co.
Van Blarcom, Larry Stickney, B.A.	.....	Tisdale, Sask.
Webber, Freeman Burton, B.A. (Acadia)	.....	Cambridge, Hants Co.
Whelan, Patrick Joseph	.....	St. John's, Nfld.

Fourth Year

Alexander, Charles John, B.Sc. (U.N.B.)	.....	Saint John, N. B.
Arkie, Daphne Winifred	.....	Bedford, Nfld.
Ashley, Patrick Farroll Michael	.....	St. John's, Nfld.
Batcock, George William	.....	St. Mary's, Nfld.
Black, Norman Seymour, B.Sc.	.....	Halifax
Brown, James Robert, B.Sc.	.....	New Glasgow, P. E. Co.
Burley, Malcolm Perry, B.Sc.	.....	Andover, N. B.
Bursey, Phyllis Dorcas	.....	Moncton, N. B.
Butler, Reginald Hearder	.....	Twillingate, Nfld.
Campbell, Dumas Alexander	.....	Bedfordwater, Lun. Co.
Chowder, Robert Angus	.....	Moncton, N. B.
Colwell, Garnet James Henry	.....	Halifax
DeMose, Agnes Winifred, B.Sc.	.....	Lambtonburg
Flight, George Hubert	.....	Hamilton, Ont.
Foster, Thomas Amalie	.....	New Glasgow, P. E. Co.
Framer, George MacDonald	.....	New Glasgow, P. E. Co.
Giffin, Cael Cleveland	.....	Halifax
Hill, George Urquhart, B.A. (Mt. A.)	.....	Petou
Johnson, Aubrey Edmund	.....	Great Village, Col. Co.
Kirkpatrick, Donald Hartley	.....	Halifax
Lawton, Robert David	.....	Wabana, Belle Island, Nfld.
MacDonald, Frederick Robert	.....	Halifax
MacEwen, Almon Ray	.....	St. Peter's Bay, P. E. I.
MacEwin, James Arvison	.....	Souris, P. E. I.
MacKay, Ronald Dickie, B.A. (U.B.C.)	.....	Halifax
M.A. (Tr.)	.....	Yanover, B. C.
MacLeod, Allan John	.....	Dundas Centre, P. E. I.
MacPherson, Aereibald Moland, B.Sc. (Acadia)	.....	Halifax
MacWilliam, Herbert Dawson, B.A. (Mt. A.)	.....	St. Andrew's, N. B.
Mac, Gerald Arthur	.....	Medan, N. B.
Mendelson, Myer, B.Sc., B.A.	.....	Moncton, N. B.
Milligan, James Edgar	.....	Halifax
Morton, Bruce St. Clair, B.Sc. (Acadia)	.....	Yarmouth
Myrdal, James Allan, B.Sc.	.....	Halifax
O'Donnell, Robert Francis	.....	St. John's, Nfld.
O'Neil, Thomas John	.....	Mundare, Alta.
Perehanok, Morris, B.Sc.	.....	Saint John, N. B.
Phillips, Herbert Ralph	.....	Richmond, P. E. I.
Robbins, James Henry Lloyd	.....	Kimross, P. E. I.
Ryans, John Martin, B.Sc. (St. P.X.)	.....	St. John's, Nfld.
Sears, Arthur Howard	.....	Glouce Bay, C. B. Co.
Senierius, David James, B.A. (U.N.B.)	.....	Halifax
Simpson, Gordon Richard	.....	Bay View, P. E. I.
Smith, Ora Robert	.....	Moncton, N. B.
Warr, George Owen	.....	Halifax
Wanning, Andrew Stewart	.....	Sydney, C. B. Co.
Williams, John Gordon	.....	St. John's, Nfld.

Third Year

Adair, Clark Haasen, B.A. (Mt. A.)	.....	Moncton, N. B.
Annand, Robert Thompson	.....	Halifax
Bate, George Warburton	.....	Saint John, N. B.
Billard, Albert Calvin	.....	Glouce Bay, C. B. Co.
Blackwood, Harold John	.....	St. John's, Nfld.
Brodrean, John Francis	.....	Halifax
Burnstein, Mendel Elliot, B.Sc.	.....	Glouce Bay, C. B. Co.
Cameron, William Gouding	.....	Winnipeg, Man.
Campbell, Alexander Craig	.....	New Glasgow, P. E. Co.
Colford, Horace Bernard, B.A. (St. Mary's)	.....	Halifax
Copp, Stephen Eric	.....	Hd. Chertowok Hfx. Co.
Covean, John David Earle	.....	Jarvis, B. W. I.
Crosby, Joan Margaret, B.Sc.	.....	St. John's, Nfld.
Dolan, Frederick Gerard, B.Sc. (St. P.X.)	.....	Halifax
Elliot, Arthur William, B.A.	.....	Sydney, C. B. Co.
Ernst, William Alan, B.Sc.	.....	Halifax
Fletcher, George Everett, B.A. (U.N.B.)	.....	Marjarrville, N. B.
Forbes, Donald Edgar, B.Sc. (Acadia)	.....	Tyne Valley, P. E. I.
Godden, John Oakley	.....	New Glasgow, P. E. Co.
Hicks, Franklin Herbert	.....	Bridgetown, Anta. Co.
Higgins, Gordon Keith, B.Sc. (U.N.B.)	.....	St. Andrews, N. B.
Higgins, John Elton, B.A. (Acadia)	.....	Balmston, P. E. I.
Hopmans, Charles Clifford	.....	Toronto, Ont.
Howatt, Barton Davies	.....	Charlottetown, P. E. I.
Keddy, Donald Bruce, B.Sc. (Acadia)	.....	Halifax
Lawson, Gordon Ernest	.....	Minto, N. B.
Lewis, James Arthur	.....	Fairville, N. B.
Lewis, Douglas Elroy, B.A. (Mt. A.)	.....	Halifax
MacDonald, Douglas Andria Cassels	.....	Charlottetown, P. E. I.
MacDonald, John Cameron, B.Sc. (St. P.X.)	.....	Sydney, C. B. Co.
MacIntosh, John Wilfred, B.Sc.	.....	Halifax
MacKay, Harold Vernon, B.A. (Acadia)	.....	Petou
MacLain, Arin Edward Clark	.....	New Wiltshire, P. E. I.
Malcolm, Donald Andrew Charles	.....	Saint John, N. B.
Moffitt, Emerson Amos	.....	McAdam, N. B.
O'Keefe, Francis Joseph, B.Sc. (St. Dunstan's)	.....	Gowan Brae, P. E. I.
Phillips, James Alroy, B.Sc. (Acadia)	.....	Sydney, C. B. Co.
Poulsen, Harry Peter, B.Sc.	.....	Halifax
Purves, James Kent Haire	.....	Tyso, Col. Co.
Quigley, John Howard, B.Sc.	.....	Halifax
Reid, Neil Douglas	.....	Ottawa, Ont.
Rice, Donald Ingram	.....	Bedford, Hfx. Co.
Ross, James Frederick	.....	Sasser, N. B.
Ryan, Joseph Alphonsus	.....	Bathurst, N. B.
Scott (Caspald), Caroline Phelps	.....	Ottawa, Ont.
Shapter, Albert Edward	.....	St. John's, Nfld.
Stewart, William Ross	.....	Charlottetown, P. E. I.
Taylor, Albert William	.....	St. John's, Nfld.
Tomkins, James Bernard, B.A., B.Sc. (St. P.X.)	.....	Denison, C. B. Co.

Trask, Noel Brown	Halifax
Travis, Floyd Douglas, B.Sc. (Aerials)	Glass Bay, C. B. Co.
Tucker, Herbert Harold	Halifax
Vair, Charles Donald	Halifax
Vibert, James Charles, B.A.	Stewiacke, Col. Co.
Wilansky, Donald Cyril, B.Sc.	St. John's, Nfld.
Wilansky, Douglas Lou	St. John's, Nfld.
Wilson, James Arthur	New Dominion, P. E. I.

Second Year

Barron, Kevin Delgado	St. John's, Nfld.
Beooks, Ralph William, B.A. (Mt. A.)	Amherst, Camb. Co.
Brown, Laurie Malcolm	Halifax
Burden, Robert Arnold	Springhill, Camb. Co.
Campbell, Angus Joseph	St. Columbia, Vis. Co.
Chisholm, James Ian	Sturzy Bros, Pse. Co.
Chisholm, Willis Murdoch	Halifax
Davidson, Claude Ronald	Halifax
Davidson, David Lloyd	Dartmouth, Hfx. Co.
Douglas, Elizabeth Lee, B.Sc. (Aerials)	Caledonia, Queens Co.
Dunfield, Anthony Henry	St. John's, Nfld.
Foster, Melvia Glenwood	Bridgewater, Lun. Co.
Fisher, DeWinton Hill	Parsons, Camb. Co.
Fraser, John Henry	Stellarton, Pse. Co.
Fullerton, Samuel George Darke	Halifax
Gardiner, William Alexander	Sydney Mines, C. B. Co.
Gass, David Alexander	Sackville, N. B.
Groom, Richard Harold	Bethesda, N. B.
Hazel, Joseph James, B.Sc. (St. F.X.)	Fairville, N. B.
Hetherington, Harold Gambolin	Cody's, N. B.
Hites, Charles Henry	Chesverie, Hants Co.
Hosper, James Breanton, B.A. (U.N.B.)	Charlottetown, P. E. I.
Hosse, Arthur Maxwell	Gloversville, Nfld.
Karrel, Ion David	New Waterford, C. B. Co.
Kelley, Edward Gerard	Klms Heights, Hfx. Co.
Kempton, Alfred Russell	Maitland Bridge, Anna. Co.
Lawley, Alan MacDonald	North Sydney, C. B. Co.
Lisgoe, Kevin Leonard	St. John's, Nfld.
MacArthur, Edward Donald	Halifax
MacEachern, Donald Allan Gerard, B.Sc. (St. F.X.)	Sydney, C. B. Co.
MacGregor, Donald John	Sackville, N. B.
MacLeod, James Hall, B.Sc.	Halifax
Merriman, Richard Kerr	Wolfville, Kings Co.
Miller, James Edwin Harris	Halifax
Munroe, Roy George	Springhill, Camb. Co.
O'Homes, Kenneth Roy	Joggins, Camb. Co.
Pitt, Dennis Cecil Charles	St. Vaseent, B. W. I.
Renaude, Edward Nicholas	Fredrieton, N. B.
Richardson, Anne Burns, B.Sc. (Aerials)	Saint John, N. B.
Sandus, Norman Joseph	Amherst, Camb. Co.
Stanford, Robert Chestnut	Berford's, Kings Co., N. B.
Shaw, Albert Joseph	Sydney, C. B. Co.
Sinclair, Albert McMurdo	Charlottetown, P. E. I.
Skinner, Lele Alanna	Louisburg, C. B. Co.
Speller, Stuart Lydon	Vancouver, B. C.

Stead, Llewellyn Thompson	Halifax
Stewart, William Brenton	Emerald, P. E. I.
Swanburg, Angus Russell	Halifax
Taylor, Cyril Raymond	Shubenacadie, Hants Co.
Taylor, Wilbur Kirkpatrick, B.Sc.	Beech Cove, Hfx. Co.
Wadap, Rex Stanley, B.Sc.	Moncton, N. B.
Webster, Robert McNaught, B.Sc.	Yarmouth
Westcott, Robert Arthur	Dartmouth, Hfx. Co.
Wood, William Charles	Halifax

First Year

Archibald, Willis Moore, B.A.	Sydney, C. B. Co.
Baker, James Roy d'Arcy	Middleton, Anna. Co.
Bethune, John Edmund, B.A., B.Sc. (Aerials)	Berwick, Kings Co.
Boswell, George Kline	Charlottetown, P. E. I.
Bugden, Raymond Leslie	Corner Brook, Nfld.
Burleigh, William Arnold	Ellerslie, P. E. I.
Carroll, Joseph Josephine	Corner Brook, Nfld.
Casey, Michael Thomas	Halifax
Chapman, Charles Donaldson	Halifax
Day, Leo Albee, B.A. (St. Joseph's)	Newcastle, N. B.
Delahant, James Austin	Moncton, N. B.
Ellis, Mildred Coleridge	Gondola Pt., N. B.
Epstein, Norman	Sydney, C. B. Co.
Parvyle, Robert Gordon	Charlottetown, P. E. I.
Gass, Kenneth Vanglis	Sackville, N. B.
Gillis, Daniel Alexander, B.Sc. (St.F.X.)	Port Hawkesbury, Inv. Co.
Gordon, Alfred, B.Sc., B.A.	Halifax
Healy, Robert Wesley	Moncton, N. B.
Herring, Sterling Friend	Murray River, P. E. I.
Ingraham, Donald Robson	Saint John, N. B.
Jeffrey, Wendell Holmes	Sandy Cove, Dig. Co.
Johnson, Robert Paul, B.A. (Mt. A.)	Perth, N. B.
Kenny, Gevree Edward	Wolfville, Kings Co.
Kingson, Mark Benedict	Newcastle, N. B.
MacCain, Garnet Graham	Seaburn, Pse. Co.
MacDonald, Charles Jerome	New Waterford, C. B. Co.
MacDonald, Hugh Neil Archibald	New Aberdeen, C. B. Co.
MacDunn, Peter Melbourne	Bonshaw, P. E. I.
MacDonald, Stewart	Little Sands, P. E. I.
MacKay, Donald Hector	Halifax
MacLean, Walter Deacon	Stellarton, Pse. Co.
McNeill, Hubert Bernard	Summerside, P. E. I.
Moore, Donald Charles	Fredrieton, N. B.
Murray, Mary Joyce, B.Sc. (U.N.B.)	Fredrieton, N. B.
M.A. (T.C.)	Fredrieton, N. B.
Nathanson, Daniel Seymour	Glass Bay, C. B. Co.
Nelly, Harold Hawhook	Middleton, Anna. Co.
Parliament, Edward Leonard	Dartmouth, Hfx. Co.
Parsons, Harry Hubert	Halifax
Perwad, Ralph Lakshmi	Halifax
Plummer, Arthur Gordon	Trinidad, B. W. I.
Power, George Robert Irvine	Saint John, N. B.
	Amudals, Hfx. Co.

Prime, Ralph Leeland, B.Sc. (U.N.B.)	Fredericton, N. B.
Pugh, Adrian Paul, B.Sc. (U.N.B.)	Burt's Corner, N. B.
Rideout, Vernon Keith	Westville, P.E. Co.
Simms, Hugh Murray, B.A. (Acadia)	New Glasgow, P.E. Co.
Smith, Robert Lyman	Avondale, P.E. Co.
Sober, Vernon William	Charlottetown, P. E. I.
Spruell, Pierce Augustus	Corner Brook, Nfld.
Starratt, Victor Cameron	Truro, Col. Co.
Stiles, Gerald Bruce, B.Sc. (Acadia)	Moncton, N. B.
Stott, Nelson Wright	Arundale, Hfx. Co.
Strickland, Randolph Wilson	Sydney Mines, C. B. Co.
Taylor, Maynard Francis	Shubenacadie, Hants Co.
Waldorf, Verne Ross	Halifax
Watters, Wendell Wallace	Fredericton, N. B.
Wills, Ralph Roy, B.Sc. (U.N.B.)	Saint John, N. B.
Wilson, Albert Joseph	Charlottetown, P. E. I.
Wiseman, Thomas Limestone	Little Bay Islands, N. D. Bay, Nfld.

SPECIALS IN MEDICINE

Christie, Mary Jeannette MacKenzie	Windsor, Hants Co.
Cruikshank, Elsie, B.Sc.	Jolimere, Hfx. Co.
Dewar, Joan Eileen	Truro, Col. Co.
Fisher, Renato Rosemarie	Saint John, N. B.
Gillis, Margaret Elizabeth	Sydney, C. B. Co.
Hasbell, Emma Anna Cora	Truro, Col. Co.
Houss, Joyce Elsie, B.Sc. (Acadia)	Sydney, C. B. Co.
MacKay, Valerie Mary	Shubenacadie
Major, Pauline Isabel	Halifax
Miekle, Jacqueline Anne	Halifax
Ord, Valerie Evelyn	Dartmouth, Hfx. Co.
Pike, Eric	St. John's, Nfld.
Rise, Joyce Viola	Cape North, Vis. Co.
Ritsey, Rosina Cynthia	Dartmouth, Hfx. Co.
Torrance, Elizabeth Anne	Kingstons, Que.
Wright, Eaton Alexa	Pictou

FACULTY OF DENTISTRY

Fourth Year

Dexter, Carl Edmund, B.Sc.	Halifax
Dexter, Earl Freeman	Halifax
King, Wilson Charles, B.Sc.	St. John's, Nfld.
MacNeil, William Hamilton, B.Sc. (St. F.X.)	Sydney Mines, C. B. Co.
Simon, Philip, B.A. (Mt. A.)	Glace Bay, C. B. Co.
Whyte, Eric James	Sydney Mines, C. B. Co.

Third Year

Banks, Edwin MacNeil	Kentville, Kings Co.
Cook, Walter Frank, B.Sc.	Lunenburg
Kerr, Kenneth MacFarlane	Bellford, Hfx. Co.
Masculay, Douglas Walter	Baldock Bay, Vis. Co.
MacDonald, Ian Allan Cameron	Mormond, P. E. I.
McDonald, Joseph Edward	Ambroft, Cumb. Co.
Oler, Charles	Halifax
Peters, David Kenneth	St. John's, Nfld.
Schramacher, Edwin Leo	Bridgewater, Lun. Co.
Spracklin, Thomas Edward, B.A. (Acadia)	Campersdown Hfx. Co.
Stack, Kathleen Mary, B.Sc.	Calgary, Alta.

Second Year

Baxter, Sidney James	Shelburne, P.E. Co.
Bons, Andrew Daniel	Moncton, N. B.
Boutique, Joseph Daniel	Halifax
Caldwell, Gordon Wallace, B.Sc.	Bristol, N. B.
DeWare, Ralph Baxter	Moncton, N. B.
Halford, Ernest Douglas, B.Sc. (U.N.B.)	Harvey Station, N. B.
McCarron, Peter Francis	Halifax
McGaughey, James, B.A. (St. Dunstan's)	Bombay, P. E. I.
Northup, Donald Lloyd	Sussex, N. B.
Orser, Gerald George	Halifax
Ramsay, George Lawrence	Malpeque, P. E. I.
Sanson, Reginald Forbes	Fredericton, N. B.

First Year

Barrett, Gerald Douglas, B.Sc. (Acadia)	Shelburne
Cobb, Thomas Drummond	Charlottetown, P. E. I.
Colomas, William Bartholomew	Glace Bay, C. B. Co.
Davis, Roy Walcott	Truro, Col. Co.
Dwyer, William James	St. John's, Nfld.
Egerton, Ray	Halifax
Franklin, Elliot Maynard Claude, B.Sc. (Acadia)	Digby
Hayward, Clinton Ames	Bartland, N. B.
Hicks, Donald Clarence	Dorchester, N. B.
MacIntosh, Edwin Livingstone	Dundee, Rich. Co.
Phillips, Orville Howard	O'Leary, P. E. I.
Woodside, Donald Garth, B.Sc.	New Glasgow, P.E. Co.

TIME TABLE 1949-50.

ENGINEERING

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
First Year						
9	Chem. 1.....	Drawing 1.....	Chem. 1.....	Drawing 1.....	Chem. 1.....	Drawing 1.....
10	Math. 1.....	Surveying 1.....	Math. 1.....	French 1.....	Math. 1.....	French 1.....
11	Engl. 1A or 1.....	French 1.....	Engl. 1A or 1.....	French 1.....	Engl. 1A or 1.....	French 1.....
12						
2.30-5.30	Math. Probs.....	Drawing 1.....	Chem. 1.....	Drawing 1.....		
Second Year						
9	Physics 2.....	Chem. 2.....	Drawing 2.....	Chem. 2.....	Physics 2.....	Chem. 2.....
10	Math. 2.....	Drawing 2.....	Math. 2.....	Surveying 2.....	Math. 2.....	
11	Engl. 1, 1A or 2.....	Surveying 2.....	Engl. 1, 1A or 2.....		Engl. 1, 1A or 2.....	
12						
2.30-5.30	Chem. 2.....	Surveying 2.....	Drawing 2.....		Physics 2.....	
Third Year						
9	Mech. 2.....	Physics 3.....	Mech. 3.....	Physics 3.....	Mech. 3.....	Physics 3.....
10	Heat 1.....	Geology 2.....	Geol. 1.....	Geology 2.....	Heat 1.....	Math. 3A.....
11	Mech. 4.....	Math. 3A.....	Mech. 4.....	Math. 3A.....	Mech. 4.....	Math. 3A.....
12						
2.30-5.30	Mech. 3.....	Geol. 1 or 2.....	Physics 3.....		Drawing 2.....	

PRE-MEDICAL AND PRE-DENTAL

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
First Year						
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	Engl. 1A or 1.....		Engl. 1A or 1.....		Engl. 1A or 1.....	
2.30	Chem. Lab.....	Physics Lab.....	Chem. Lab.....	Physics Lab.....	Chem. Lab.....	Phys. Lab.....
3.30	Chem. Lab.....	Physics Lab.....	Chem. Lab.....	Physics Lab.....	Chem. Lab.....	Phys. Lab.....
4.30	Chem. Lab.....	Physics Lab.....	Chem. Lab.....	Physics Lab.....	Chem. Lab.....	Phys. Lab.....
Second Year						
9						
10	Chem. 4.....	Chem. 4.....	Chem. 4.....	Chem. 4.....		
11	History 2B.....	Elective.....	History 2B.....	Elective.....	History 2B.....	
12						
2.30-5.30	Chem. Lab.....	Geol. 2.....	Chem. Lab.....	Geol. 2.....	Chem. Lab.....	

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