

906
1947

Dalhousie University

HALIFAX

Nova Scotia



CALENDAR

1946-1947

LECTURE TIME TABLE—ARTS AND SCIENCE, 1946-47.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9	Chem. 3 History 1 Math. 2 (2) Economics 3 Comm. 1A Greek 2 Class. 1	Chem. 3 Math. 2 (2) Economics 3 Comm. 1A French 1 (1) German 2 French 2 (1) Greek 1 Physics 3 Chem. 1 Math. 1 English 1 Latin 1A Biol. 1 Botany 4 Zoology 3	Chem. 3 History 1 Math. 2 (2) Economics 3 Comm. 1A French 1 (1) German 2 French 2 (1) Greek 1 Physics 3 Chem. 1 Math. 1 English 1 Latin 1A Biol. 1 Botany 4 Zoology 3	Chem. 3 History 1 Math. 2 (2) Economics 3 Comm. 1A French 1 (1) German 2 French 2 (1) Greek 1 Physics 3 Chem. 1 Math. 1 English 1 Latin 1A Biol. 1 Botany 4 Zoology 3	Chem. 3 History 1 Math. 2 (2) Economics 3 Comm. 1A French 1 (1) German 2 French 2 (1) Greek 1 Physics 3 Chem. 1 Math. 1 English 1 Latin 1A Biol. 1 Botany 4 Zoology 3	Chem. 3 History 1 Math. 2 (2) Economics 3 Comm. 1A French 1 (1) German 2 French 2 (1) Greek 1 Physics 3 Chem. 1 Math. 1 English 1 Latin 1A Biol. 1 Botany 4 Zoology 3
10	Chem. Greek History 1 Math. 1 (1) History 2 French 2 (1) Math. 2 (2) Math. 4 Chem. 4 Physics 4 Zoology 1 Psychol. 1 Comm. A, 1A (1) Biol. 2	Chem. Greek History 1 Math. 1 (1) History 2 French 2 (1) Math. 2 (2) Math. 4 Chem. 4 Physics 4 Zoology 1 Psychol. 1 Comm. A, 1A (1) Biol. 2	Chem. Greek History 1 Math. 1 (1) History 2 French 2 (1) Math. 2 (2) Math. 4 Chem. 4 Physics 4 Zoology 1 Psychol. 1 Comm. A, 1A (1) Biol. 2	Chem. Greek History 1 Math. 1 (1) History 2 French 2 (1) Math. 2 (2) Math. 4 Chem. 4 Physics 4 Zoology 1 Psychol. 1 Comm. A, 1A (1) Biol. 2	Chem. Greek History 1 Math. 1 (1) History 2 French 2 (1) Math. 2 (2) Math. 4 Chem. 4 Physics 4 Zoology 1 Psychol. 1 Comm. A, 1A (1) Biol. 2	Chem. Greek History 1 Math. 1 (1) History 2 French 2 (1) Math. 2 (2) Math. 4 Chem. 4 Physics 4 Zoology 1 Psychol. 1 Comm. A, 1A (1) Biol. 2
11	Math. 1 (1) Math. 2 (1) Math. 1 (2) Comm. 2 Latin 2 English 1 German A (1) Physics 1 Math. 4 History 20 Biol. 1 Comm. 4	Math. 1 (1) Math. 2 (1) Math. 1 (2) Comm. 2 Latin 2 English 1 German A (1) Physics 1 Math. 4 History 20 Biol. 1 Comm. 4	Math. 1 (1) Math. 2 (1) Math. 1 (2) Comm. 2 Latin 2 English 1 German A (1) Physics 1 Math. 4 History 20 Biol. 1 Comm. 4	Math. 1 (1) Math. 2 (1) Math. 1 (2) Comm. 2 Latin 2 English 1 German A (1) Physics 1 Math. 4 History 20 Biol. 1 Comm. 4	Math. 1 (1) Math. 2 (1) Math. 1 (2) Comm. 2 Latin 2 English 1 German A (1) Physics 1 Math. 4 History 20 Biol. 1 Comm. 4	Math. 1 (1) Math. 2 (1) Math. 1 (2) Comm. 2 Latin 2 English 1 German A (1) Physics 1 Math. 4 History 20 Biol. 1 Comm. 4
12	Greek 3 English 1A German 4 English 1 Phil. Sc. 2 English 2 Social 2	Greek 3 English 1A German 4 English 1 Phil. Sc. 2 English 2 Social 2	Greek 3 English 1A German 4 English 1 Phil. Sc. 2 English 2 Social 2	Greek 3 English 1A German 4 English 1 Phil. Sc. 2 English 2 Social 2	Greek 3 English 1A German 4 English 1 Phil. Sc. 2 English 2 Social 2	Greek 3 English 1A German 4 English 1 Phil. Sc. 2 English 2 Social 2
1.30	History 2 Comm. 3 Social 1	History 2 Comm. 3 Social 1	History 2 Comm. 3 Social 1	History 2 Comm. 3 Social 1	History 2 Comm. 3 Social 1	History 2 Comm. 3 Social 1
3.30	German 1 Phil. Sc. 1 French 1	German 1 Phil. Sc. 1 French 1	German 1 Phil. Sc. 1 French 1	German 1 Phil. Sc. 1 French 1	German 1 Phil. Sc. 1 French 1	German 1 Phil. Sc. 1 French 1
4.30	Chem. Russian Phil. Sc. 1 Social 2	Chem. Russian Phil. Sc. 1 Social 2	Chem. Russian Phil. Sc. 1 Social 2	Chem. Russian Phil. Sc. 1 Social 2	Chem. Russian Phil. Sc. 1 Social 2	Chem. Russian Phil. Sc. 1 Social 2

Dalhousie University
HALIFAX
Nova Scotia



CALENDAR
1946-1947

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

bc. bc. bc.
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,
bc. bc. bc.

Accompanied by
Rear Admiral Griffith & the Captains of His
MAJESTY'S SOLENNITY ON THE SPURRING, COLONEL GEORGE MACKENZIE
COMMANDANT OF THE GARRISON, LIEUT. COLONEL GAUNTLETT
Commanding the 62nd REGIMENT and the Field Officers of His
Majesty's Forces in this GARRISON *bc. bc. bc.*

Also
John George Pike 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, 1946-1947

1946

- Aug. 19 M.—Last day for receiving applications* for Fall Supplemental Examinations.
- Sept. 2 M.—Surveying Camp for students in the regular session of Engineering begins.
- Sept. 3 Tu.— } Supplemental Examinations for students in Law,
4 W.— } Medicine, Dentistry.
5 Th.— }
6 F.— }
- 10 Tu.—Session begins. Registration (and Payment of Fees) for students in Law, Medicine, Dentistry.
- 11 W.—Classes begin, and last regular Registration† Day for such students.
- 16 M.—Noon. Registration for such students ends.
- 21 S.—Matriculation and Supplemental Arts and Science Examinations†† begin.
—9.30—12.30 a.m., Latin; German.‡
—2.30— 5.30 p.m., English.
- 23 M.—9.30—12.30 a.m., French; Greek.‡
—2.30— 5.30 p.m., Physics.
- 24 Tu.—9.30—12.30 a.m., Geometry.
—2.30— 5.30 p.m., Chemistry.
- 25 W.—9.30—12.30 a.m., Algebra.
—2.30— 5.30 p.m., Trigonometry; History.‡
- 23 M.—Registration (and Payment of Fees) begins in Faculty of Arts and Science. The only regular registration day for New Students from Halifax and Dartmouth.
- 24 Th.—The only regular registration day for other New Students in Faculty of Arts and Science.
- 25 W.—Registration begins for other than new students in Faculty of Arts and Science.
- 27 F.—Special lectures for New Students in Faculty of Arts and Science.
- 28 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, \$2.00 per day.

††For time table see Notice Board.

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

- Sept. 30 M.—Results of Matriculation and Supplemental Examinations declared.
—9 a.m. Classes begin in Arts and Science.
- Oct. 1 Tu.—12 Noon. Meeting of Faculty of Arts and Science.
5 S.—12 Noon. Registration in Arts and Science ends.
9 W.—Last day for change of course in Faculty of Arts and Science.‡‡
M.—Thanksgiving Day.
- Nov. 11 —Remembrance Day.
- Dec. 12 Th.—Last day of lectures in classes in which Christmas Examinations are held.
14 S.—Christmas Examinations†† begin, except in Law.
21 S.—9 a.m., Christmas vacation begins.

1947

- Jan. 6 M.—9 a.m. Classes resumed.
- Mar. 11 Tu.—Munro Day. No Classes.
- 31 M.—Last day for receiving Applications* for Examinations for Master's degree and for Music and Pharmacy.
- Apr. 1 Tu.—Last day for receiving Applications* for Spring Supplemental Examinations (Law, Medicine, Dentistry).
4 F.—Good Friday. No Classes.
17 Th.—Last day of classes.
21 M.—Spring Examinations†† begin.
29 Tu.—Final Professional Examinations in Medicine and Dentistry begin.
- May 7 W.— 8 p.m., Meeting of Faculty of Dentistry.
8 Th.—11 a.m., Meeting of Faculty of Arts and Science.
9 F.— 4 p.m., Meeting of Faculty of Law.
— 5 p.m., Meeting of Faculty of Medicine.
10 S.—11 a.m., Meeting of Senate.
13 Tu.— 3 p.m., Convocation. Session ends.

‡‡Charge of \$5.00 for changing course after this date.

††For time table, see Notice Board.

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

Dalhousie University

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MRS. A. EARLE GIFFIN, B.A.

King's College Representatives:

[Two vacancies.]

SENATUS ACADEMICUS

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SENATUS ACADEMICUS, 1945-46

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HOWARD L. BRIDGON, Ph.D., F.R.S.C.
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H. P. BELL, M.Sc., Ph.D.
*H. A. MACKEY, B.A., Ph.D., F.R.S.C.
W. RUSSELL MAXWELL, M.A.
RALPH F. SMITH, M.D., Ch.B., D.P.H.
R. J. BEAN, M.S.
H. R. TREARSTON, B.Sc., M.E.I.C.
J. STANLEY BARNALL, D.D.S., F.A.A.R.D.
VINCENT C. MACDONALD, K.C., B.A., LL.B.
DONALD MAINLAND, M.B., Ch.B., D.Sc., F.R.S.(E. & C.)
C. L. BENNETT, M.A.
H. G. GRANT, M.D., C.M., M.R.C.S., L.R.C.P.
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LOTHAR RICHTER, Dr. jur., Dr. rer. pol.
WM. W. WOODBURY, B.Sc., D.D.S.
C. B. WELD, M.A., M.D.
A. S. MOWAT, M.A., B.Ed.
W. H. H. BECKWITH, D.D.S.
C. C. COFFIN, B.A., M.Sc., Ph.D., F.R.S.C.
S. H. PRINCE, M.A., Ph.D.
H. W. SCHWARZ, M.D., C.M., F.A.C.S.
W. G. COLWELL, M.D., C.M.
GERMAINE LAFUILLLE, Agrégée de l'Université.
J. H. L. JOHNSTON, Secretary.

*On leave.
†Died during session.

- Alexander Sutherland Mowat, M.A., B.Ed. (Edin.), O. E. Smith
Professor of Education, 2 Studley Ave.
- Carl Cowan Coffin, B.A. (Dal.), M.Sc., Ph.D. (McGill), F.R.S.C.,
Harry Shirreff Professor of Chemical Research and Head of Department,
202 Jubilee Rd.
- William Russell Maxwell, B.A. (Dal.), M.A. (Harv.), Professor of
Economics (King's), 68 Robie St.
- Samuel Henry Prince, M.A. (Tor.), Ph.D. (Col.), Professor of Econo-
mics and Sociology (King's), King's College Residence.
- Germaine Lafouille, Agrégée de l'Université (Paris), Professor of Mod-
ern Languages, Shirreff Hall.
- Charles Henry Mercer, M.A., B.Com. (Manch.), Associate Professor of
Modern Languages, 16 Cambridge St.
- **Harold Skinner King, A.B., Ph.D. (Harv.), Associate Professor of
Chemistry.
- S. A. Beatty, M.A. (Queen's), Ph.D. (McGill), Associate Professor of
Biochemistry (Fisheries), Fisheries Experimental Station.
- Frederick Ronald Hayes, M.Sc. (Dal.), Ph.D. (Liverpool), F.L.S.,
F.R.M.S., Associate Professor of Zoology, 123 Oakland Rd.
- John Burns Martin, M.A. (Tor.), Ph.D. (Harv.), Associate Professor
of English (King's), 84 Oakland Rd.
- John Geoffrey Adshard, M.A. (Cantab.), Associate Professor of Mathe-
matics (King's), 78 Morris St.
- Charles Walmaley, M.A. (Cantab.), Associate Professor of Mathe-
matics, 8 Studley Ave.
- Francis Hilton Page, M.A. (Tor.), Associate Professor of Psychology
(King's), 13 Rockcliffe St.
- Ernest Hess, M.A. (Queen's), Ph.D. (McGill), Associate Professor of
Bacteriology (Fisheries), Fisheries Experimental Station.
- Arthur Russell Jewitt, B.A. (Dal. et Oxon.), M.A. (Oxon.), Ph.D.
(Cornell), Associate Professor of English (King's), 142 Oxford St.
- Robert E. D. Cattley, M.A. (Cantab.), Associate Professor of Classics.
- Dixie Pelluet, M.A. (Tor.), M.A., Ph.D. (Bryn Mawr), Associate
Professor of Biology, 123 Oakland Rd.
- W. J. Archibald, B.A., M.A. (Dal.), Ph.D. (Virginia), Associate Pro-
fessor of Physics, 150 Oxford St.

**Resigned during session.

- Walter J. Chute, B.Sc. (Acad.), M.A., Ph.D. (Tor.), Associate Professor
of Chemistry, Dalhousie University.
- M. Roy Foran, M.Sc. (Bask.), Ph.D. (McGill), Associate Professor of
Chemistry, Bedford, N. S.
- Carl Angus Koeback, M.A. (Tor.), Ph.D. (Chicago), Associate Pro-
fessor of Classics.
- **William George Dore, B.A. (Queen's), M.Sc. (McGill), Assistant
Professor of Botany.
- William Henry Bowne, B.E. (N.S.T.C.), Assistant Professor of Engi-
neering, 28 Quinn St.
- Gilbert F. Vail, B.E. (N.S.T.C.), Assistant Professor of Engineering,
282 Harrington St.
- Vernon D. Crawford, B.A. (Mt. A.), M.Sc. (Dal.), Lecturer in Physics,
49 Elm St.
- J. A. Hebb, B.A. (Dal.), Lecturer in Mathematics, King's College Resi-
dence.
- W. K. W. Baldwin, M.B.E., M.A. (Tor.), Interim Special Lecturer in
Biology.
- Donald M. Shepherd, M.A. (Queen's), Interim Special Lecturer (lect)
in Classics.
- D. J. Conacher, M.A. (Queen's), Interim Special Lecturer (lect) in
Classics.
- David A. Stevenson, B.E. (N.S.T.C.), Temporary Instructor in Engi-
neering.
- Virginia S. Black, B.A. (Wellesley), Instructor in Biology.
- Eville Gorham, B.Sc. (Dal.), } Student Assistants in Biology.
Isabella R. Willmot,
- Samuel Schrage, B.Sc. (Dal), Instructor in Chemistry.
- John S. Davidge, B.Sc. (Mt. A.), }
Boris L. Funt, B.Sc. (Dal.), } Demonstrators in
Robert M. MacDonald, B.Sc. (Dal.), } Chemistry.
Catharine M. Oldfield, M.A. (Queen's), }
Thora A. Reid, B.Sc. (Dal.), }
- Louis W. Collins, M.A. (Dal.), }
Margaret E. Ellis, M.A. (Dal.), } Assistants in English.
Gwendolyn M. Grant, B.A. (Tor.), }
Howard K. Greer, M.A. (Dal.), }
John E. Hibbitts, B.A. (Dal.), }
Doris C. Hilshey, M.A. (Dal.), }
Gerald A. Mosher, }
Joan S. Williams, B.A. (Dal.), }
- Edward J. Longard, B.Sc. (Dal.), Student Assistant in Geology.
- Alexander D. MacDonald, B.Sc. (Dal.), } James Gordon MacGregor
Robert D. Hatcher, B.Sc. (Dal.), } Memorial Fellow in Physics.
- Arthur C. Bailey, B.Sc. (Mt. A.), } Demonstrators in Physics.
Miles Keirstead, B.A. (Acad.), }

**Resigned during the session.

Dean of the Faculty, Professor Wilson.

Secretary of the Faculty, Professor Bennet.

Committee on Studies and Attendance	} Professors Bennet, Bronson, Hayes, John- stone, Maxwell and Wilson.
Committee on Library	
Committee on Honour and Graduate Studies	

Professor Bennet, Chairman.
Professors Wilson, Adhead, Archibald, Page.
Professor Bronson, Chairman.
Professor Bennet, Secretary.
Professors Hayes, Maxwell, Wilson.

Special Lecturers

Jotham Wilbart Logan, V.D., M.A. (Dal.), Lecturer in Classics, 70 Morris St.

Harry Dean, A.R.C.O., R.C.M. (Leipzig), Lecturer in Music and Examiner in Theory of Music, 31 Larch St.

Daniel Cobb Harvey, B.A. (Dal.), M.A. (Oxon.), LL.D. (Dal.), F.R.S.C., Archivist of the Public Archives of Nova Scotia, Lecturer in Canadian History, York Apts., South St.

Donald Cameron Mackay, A.N.S.C.A., Lecturer in Fine Arts, 28 South Park St.

Johanna Richter, M.A. (Tor.), Special Lecturer in German, 18 Waegwoit Ave.

Alan E. Cameron, M.Sc. (McGill), D.Sc. (M.I.T.), Deputy Minister of Mines, Special Lecturer in Geology, 15 Pryor St.

M. MacG. Rankin, B.A., B.Com. (Dal.), Special Lecturer in Accounting, 98½ Edward St.

Carl McKinley, Examiner in Music, New England Conservatory of Music, Boston, Mass.

Irene Coffin, Licenciée en Lettres (Sorbonne), Special Lecturer in Russian and in French, 202 Jubilee Road.

Harry Douglas Smith, M.A. (Dal.), Special Lecturer in Elementary French, 84 Oxford St.

E. S. MacIntosh, Special Lecturer in Accounting, 309 Barrington St.

R. C. Buchanan, C.A., Special Lecturer in Accounting, 96½ Edward St.

C. Mitchell, C.A., Special Lecturer in Accounting, 3 Pryor St.

J. J. Garner, C.A., Special Lecturer in Accounting, 171 Oxford St.

Eric B. Mercer, B.Sc. (Dal.), } Special Lecturers in Mathematics.
O. F. Frita, M.A. (Acadia), }

Mildred Gentry, M.Sc. (Wellesley), } Special Demonstrators in
M. E. Joyce MacMillan, B.Sc. (Dal.), } Chemistry.
Robert M. Leitch, B.Sc. (Mt. A.), }
Hugh J. McLellan, B.Sc. (Dal.), } Special Demonstrators in
C. Geoffrey Moore, B.Sc. (Dal.), } Physics.
Andrew F. Dunn, B.Sc. (Dal.), }

FACULTY OF LAW, 1948-46

Alexander E. Kerr, B.A. (Dal.), B.D. (Union Sem., N. Y.), D.D. (United Coll., Man.), LL.D. (Mt. A.) President of the University.

Vincent Christopher MacDonald, K.C., B.A., LL.B. (Dal.), The Dean Weldon Professor of Law, 230 Jubilee Road.

J. E. Moffatt Hancock, B.A. (Tor.), B.J.D. (Mich.), Associate Professor of Law, King's College Residence.

James Bryce Milner, LL.B. (Dal.), Lecturer in Law, 37 Vernon St.

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

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

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

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

J. A. Hanway, K.C., LL.B. (Dal.), Chairman of the Board of Public Utilities, Lecturer in Procedure.

R. M. Fielding, K.C., M.L.A., B.A., LL.B. (Dal.), Lecturer in Crimes.

N. D. Murray, LL.B. (Dal.), Lecturer in Property II.

W. D. Outhit, B.A., LL.B. (Dal.), Lecturer in Property II.

A. G. Cooper, B.Com. (Dal.), B.A., B.C.L. (Oxon.), Lecturer in Equity II.

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

Secretary of the Faculty, Professor J. E. M. Hancock.

Special Lecturers 1944-45

His Honour Judge Alan MacDonald, "Mechanics' and Woodmen's Lien Acts."

N. D. Murray, K.C., LL.B. (Dal.), "Practice in Minor Courts."

F. J. McManus, LL.B. (Dal.), "Municipal Assessment."

J. W. Godfrey, K.C., B.A. (Dal.), B.C.L. (Oxon.), "Mortgage Foreclosure."

L. W. Fraser, B.A., LL.B. (Dal.), "Divorce Practice."

Russell McInnes, K.C., LL.B. (Dal.), "Trial Practice."

Donald McInnes, K.C., LL.B. (Dal.), "Admiralty Practice."

C. W. Burchell, B.A., LL.B. (Dal.), "Collection Act Practice."

R. J. Flinn, LL.B. (Dal.), K.C., Halifax City and County Magistrate, "Summary Procedure."

FACULTY OF MEDICINE, 1945-46

- Alexander E. Kerr, B.A. (Dal.), B.D. (Union Sem., N. Y.), D.D. (United Coll., Man.), LL.D. (Mt. A.), President of the University.
- H. K. MacDonald, M.D., C.M. (McGill), F.R.C.S.(C.), Professor of Surgery and Clinical Surgery, 37 South Park St.
- Elrid Gordon Young, B.A., M.Sc. (McGill), Ph.D. (Cantab.), F.R.S.C., Professor of Biochemistry, 56 Oakland Rd.
- Ralph Paterson Smith, M.D., Ch.B. (Glas.), D.P.H. (Glas. of Edin.), Professor of Pathology and Bacteriology, 22 Chestnut St.
- Kenneth A. MacKenzie, M.D., C.M. (Dal.), F.R.C.P.(C.), Professor of Medicine and Clinical Medicine, 303 Spring Garden Rd.
- J. G. MacDougall, M.D., C.M. (McGill), F.R.C.S.(C.), F.A.C.S., Professor of Surgery and Clinical Surgery, 17 Parkwood Terrace.
- George H. Murphy, M.D., C.M. (Dal.), F.R.C.S.(C.), F.A.C.S., Professor of Surgery and Clinical Surgery, 23 Carleton St.
- H. B. Atlas, M.C., M.D., C.M. (Dal.), F.R.C.S. (Edin. & Can.), Professor of Obstetrics and Gynecology and Demonstrator in Practical Obstetrics, 119 South Park St.
- Raymond Jackson Bean, M.S. (N. H.), Professor of Histology and Embryology, 28 Chestnut St.
- Donald Mainland, M.B., Ch.B., D.Sc. (Edin.), F.R.S.E. & C., Dr. D. G. J. Campbell Memorial Professor of Anatomy, 47 LeMarchant St.
- Harry Goudge Grant, M.D., C.M. (Dal.), M.R.C.S., L.R.C.P. (Lond.), Professor of Preventive Medicine, 12 Wasqueville Ave.
- M. J. Carney, B.A. (Dal.), M.D., C.M. (McGill), F.R.C.P.(C.), Professor of Paediatrics and Associate Professor of Clinical Medicine, 115 Oxford St.
- Frank O. Mack, B.A. (Dal.), M.B. (Tor.), F.R.C.S.(C.), F.A.C.S., Professor of Urology, 322 Spring Garden Rd.
- C. Boscher Weld, M.A. (B.C.), M.D. (Tor.), Professor of Physiology, 79 Cambridge St.
- A. E. Doull, M.D., C.M. (McGill), F.A.C.S., F.R.C.S.(C.), Professor of Diseases of the Eye, Ear, Nose and Throat, 343^{1/2} Morris St.
- W. Alan Curry, B.A. (Dal.), M.D., C.M. (McGill), F.R.C.S. (Eng.), Professor of Surgery and Clinical Surgery, 151 South Park St.
- Gordon B. Wiswell, M.C., B.A., M.D., C.M. (Dal.), Professor of Paediatrics, 188 Robie St.
- James R. Carleton, B.A., M.D., C.M. (Dal.), F.R.C.P.(C.), Associate Professor of Medicine and Clinical Medicine, 46 Coburg Rd.
- Hugh W. Schwartz, M.D., C.M. (Dal.), F.A.C.S., Associate Professor of Diseases of the Eye, Ear, Nose and Throat, 183 South Park St.
- *Richard Lorraine de Chastanay Helbrener Saunders, M.B., Ch.B., M.D. (Edin.), F.R.S. (E. & S.A.), Associate Professor of Anatomy, 30 Robie St.
- Hugh Dawson, M.Sc., D.Sc. (Lond.), Associate Professor of Physiology.
- Robert Orville Jones, B.Sc., M.D., C.M. (Dal.), Associate Professor of Psychiatry, 213 Robie St.
- George F. Skinner, M.D., C.M. (McGill), F.R.C.S. (Edin. & Can.), F.A.C.S., Associate Professor of Surgery, 35 Coburg St., Saint John, N. B.

*On leave.

**Resigned during session.

- *Norman Skinner, M.D., C.M. (McGill), Associate Professor of Medicine, 59 Peters St., Saint John, N. B.
- George M. White, M.D., C.M. (McGill), L.M.C.C., M.R.C.O.G., F.A.C.S., F.R.C.S.(C.), Associate Professor of Obstetrics and Gynecology, 42 Wellington Row, Saint John, N. B.
- H. Bruce Collier, M.A., Ph.D. (Tor.), Associate Professor of Biochemistry, 5 Coburg Apts., Robie St.
- ✓ Morley Gray Williams, M.D. (Tor.), Associate Professor of Pharmacology, 88 Walnut St.
- ✓ W. G. Colwell, M.D., C.M. (Dal.), Associate Professor of Obstetrics and Gynecology and Demonstrator in Practical Obstetrics, 84 Seymour St.
- ✓ Edgar C. Black, M.A. (B. C.), Ph.D. (Penn.), Assistant Professor of Physiology, 79^{1/2} South St.
- ✓ D. J. Tonning, M.D., C.M. (Dal.), Acting Associate Professor of Medicine, 151 King Street East, Saint John, N.B.
- ✓ T. M. Sienkiewicz, M.D., C.M. (Dal.), Assistant Professor of Medicine and Clinical Medicine, 39^{1/2} Inglis St.
- ✓ Clyde W. Holland, B.A., M.D., C.M. (Dal.), F.R.C.P.(C.), Assistant Professor of Medicine and Clinical Medicine, 341 Spring Garden Rd.
- ✓ C. E. Kieley, M.D., C.M. (Dal.), F.A.C.S., Assistant Professor of Surgery and Clinical Surgery, 371 Spring Garden Rd.
- ✓ V. O. Mader, M.D., C.M. (McGill), F.R.C.S.(C.), Assistant Professor of Surgery and Clinical Surgery, 149 South Park St.
- ✓ N. H. Gosse, M.D., C.M. (Dal.), F.A.C.S., Assistant Professor of Surgery and Clinical Surgery, 240 Spring Garden Rd.
- ✓ W. L. Muir, M.D., C.M. (McGill), Assistant Professor of Surgery in charge of Anæsthesia, 245 Jubilee Rd.
- ✓ R. W. M. MacKay, M.D., C.M. (Dal.), F.A.P.A., Assistant Professor of Psychiatry, Nova Scotia Hospital, 270^{1/2} DeLamond St.
- ✓ J. W. Reid, M.D., C.M. (Dal.), M.R.C.P.(Lond.), Assistant Professor of Medicine and Clinical Medicine, 11 Coburg Rd.
- ✓ J. V. Graham, M.D., C.M. (Dal.), F.A.C.S., Assistant Professor of Surgery and Demonstrator in Anatomy, 81 Coburg Rd.
- ✓ J. W. MacIntosh, M.D., C.M. (Dal.), F.A.C.P., Assistant Professor of Medicine and Clinical Medicine, 30 Coburg Rd.
- Hon. F. R. Davis, M.D., C.M. (Dal.), F.A.C.S., Assistant Professor of Surgery, 20^{1/2} Carleton St.
- ✓ A. R. Morton, M.D., C.M. (Dal.), M.P.H. (J.H.U.), Assistant Professor of Preventive Medicine, 2^{1/2} Swanton Place, 30^{1/2} Carleton St.
- ✓ N. Barris Coward, M.D., C.M. (Dal.), Assistant Professor of Paediatrics, Lecturer in Medicine, 99 Oxford St.
- ✓ H. W. Kirkpatrick, M.D., C.M. (Dal.), Assistant Professor in Diseases of the Eye, 55^{1/2} Vernon St., 3^{1/2} Robie St.
- ✓ A. E. Doull, Jr., M.D., C.M. (Dal.), Assistant Professor in Diseases of the Eye, 25^{1/2} Chestnut St., 3^{1/2} Robie St.
- ✓ R. H. Stoddard, M.D., C.M. (Dal.), F.A.C.S., Assistant Professor in Diseases of the Eye, Ear, Nose and Throat, 319 Barrington St.
- ✓ A. F. Miller, M.D., C.M., LL.D. (Dal.), F.R.C.P.(C.), Assistant Professor of Medicine, Nova Scotia Sanatorium, Kentville, N. S.

*On leave.

- Path Bldg*
- ✓ D. J. Mackenzie, M.D.C.M. (Dal.), F.R.C.P. (C.), F.A.P.H.A., Assistant Professor of Hygiene, 46 South Park St.
- ✓ John Gray Aldous, M.A. (B.C.), Ph.D. (Tor.), Assistant Professor of Pharmacology, 77a Oakland Rd.
- ✓ P. S. Campbell, M.D.C.M. (McGill), Assistant Professor of Preventive Medicine, 245 Robie St.
- ✓ H. E. Taylor, M.D.C.M. (Dal.), M.R.C.P. (Edin.), Assistant Professor of Pathology, 7 Preston St.
- Gordon A. Winfield, O.B.E., B.Sc., M.D.-C.M. (Dal.), Assistant Professor of Urology.
- ✓ P. A. Macdonald, M.D.C.M. (McGill), Chief of Clinic and Demonstrator in Practical Obstetrics, 315 Spring Garden Rd.
- ✓ S. R. Johnston, M.D., C.M. (Dal.), Lecturer in charge Department of Radiology, 56 Victoria Rd.
- ✓ Frank V. Woodbury, M.D.-C.M. (Dal.), L.R.C.S., L.R.C.P. (Edin.), L.F.P.S. (Glas.), Lecturer in Medical Jurisprudence, 105 South Park St.
- ✓ Kenneth M. Grant, B.Sc., M.D., C.M. (Dal.), Lecturer in Obstetrics and Gynaecology and Demonstrator in Practical Obstetrics, 197 South Park St.
- ✓ J. Arnold Noble, O.B.E., B.A. (Acad.), M.B., Ch.B., F.R.C.S. (Edin.), Lecturer in Surgery and Instructor in Clinical Surgery, 77 Inglis St.
- ✓ Edwin F. Ross, O.B.E., B.Sc., M.D., C.M. (Dal.), F.A.C.S., Lecturer in Surgery and Instructor in Clinical Surgery, 130 Oxford St.
- ✓ C. M. Bethune, M.B.E., B.Sc., M.D., C.M. (Dal.), Lecturer in Surgery and Instructor in Clinical Surgery, 58 South Park St.
- ✓ H. L. Scammell, M.D., C.M. (Dal.), Lecturer in Medicine, 146 Atlantic St.
- ✓ A. L. Murphy, B.A., M.D., C.M. (Dal.), F.A.C.S., Lecturer in Surgery and Instructor in Clinical Surgery, Corner Inglis and Robie Sts.
- ✓ G. S. Kinley, Lecturer in Materia Medica, 92 Oxford St.
- ✓ C. J. W. Beckwith, B.A., M.D., C.M. (Dal.), D.P.H. (Tor.), F.C.C.P., Lecturer in Preventive Medicine and in Medicine, 111 Tupper Rd.
- ✓ J. E. Hiltz, B.A., M.D., C.M. (Dal.), Lecturer in Medicine, 37 South Park St.
- ✓ Elizabeth Smith Bean, B.A. (Ginn.), M.A., Ph.D. (Wis.), Instructor in Histology and Embryology, 28 Chestnut St.
- ✓ H. D. O'Brien, B.A., M.D., C.M. (Dal.), F.A.C.S., Instructor in Clinical Surgery, 7 Coburg Rd.
- ✓ J. W. Merritt, M.D., C.M. (Dal.), F.R.C.S. (C.), Instructor in Clinical Surgery, 176 Oxford St.
- ✓ A. M. Marshall, M.D., C.M. (Dal.), F.R.C.S. (Edin.), Instructor in Clinical Surgery, 45 Ardenview Ave.
- ✓ G. L. Corvart, B.Sc., M.D., C.M. (Dal.), Instructor in Clinical Surgery, 210 Spring Garden Rd.
- ✓ C. S. Marshall, M.D., C.M. (Dal.), Instructor in Medicine, 28 Beech St.
- ✓ J. C. Acker, M.D., C.M. (McGill), Instructor in Clinical Surgery, 5 Tupper Grove.
- ✓ A. E. Mursay, B.A., M.D., C.M. (Dal.), Instructor in Paediatrics, 13 Quinpool Rd.

**Resigned during session.

- ✓ B. C. Saunders, M.B., Ch.B. (Edin.), Instructor in Anatomy, 96 Robie St.
- ✓ C. C. Stoddard, M.D., C.M. (Dal.), Instructor in Surgery, 13 South St.
- ✓ C. L. Goss, B.Sc., M.D., C.M. (Dal.), F.A.C.S., Instructor in Urology, 142 Morria St.
- ✓ H. D. Hebb, B.Sc., M.D., C.M. (Dal.), Demonstrator in Clinical Surgery.
- ✓ Philip Weatherbe, M.B., Ch.B. (Edin.), F.A.C.S., Demonstrator in Clinical Surgery, 57 Coburg Rd.
- ✓ J. G. D. Campbell, M.D., C.M. (Dal.), Demonstrator in Paediatrics.
- ✓ T. B. Acker, M.D., C.M. (Dal.), Demonstrator in Clinical Surgery.
- ✓ C. M. Jones, M.D., C.M. (Dal.), F.A.C.S., Demonstrator in Anatomy, 68 Robie St.
- ✓ Donald M. MacRae, B.Sc., M.D., C.M. (Dal.), Demonstrator in Diseases of the Eye, Ear, Nose and Throat, 242 Jubilee Rd.
- ✓ Roberta Bond Nichols, B.A., M.D., C.M. (Dal.), Demonstrator in Anatomy and Anaesthetics, 248 Tower Rd.
- ✓ Margaret Goss, B.A., M.D., C.M. (McGill), Demonstrator in Clinical Medicine, 240 Spring Garden Rd.
- ✓ W. J. Dyer, B.Sc., M.D., C.M. (Dal.), Demonstrator in Clinical Medicine and in Clinical Urology, 247 Quinpool Road.
- ✓ W. K. House, M.D. (Man.), F.R.C.S. (Edin.), Demonstrator in Clinical Surgery, 128 Oxford St.
- ✓ L. G. Holland, B.A., M.D., C.M. (Dal.), Demonstrator in Diseases of the Eye, Ear, Nose and Throat, 982B Spring Garden Rd.
- ✓ C. M. Harlow, B.Sc. (Acad.), Ph.D., M.D., C.M. (McGill), Demonstrator in Pathology, Elmwood Apartments, South St.
- ✓ Jean P. Milner, B.A., M.S.A. (U.B.C.), Demonstrator in Physiology and Biochemistry, 37 Vernon St.
- ✓ Jean Alexandra Peabody, B.A. (U. N. B.), Statistical Assistant in Epidemiology, 30 Fenwick St.
- ✓ Allan G. Connall, B.A. (Mt. A.), Ph.D. (Tor.), Assistant in Biochemistry, 63 Oakland Rd.
- ✓ H. K. Hall, M.D., C.M. (Dal.), Assistant in Psychiatry.

President Kerr	
Dean Grant	
Professor Bean, Secretary	
Dr. Young	
Dr. Smith	
Dr. Mainland	
Dr. H. K. MacDonald	<i>W.A. Curry</i>
Dr. K. A. MacKenzie	
Dr. Ales	
Dr. G. E. Wiswell	

Dean of the Faculty, Dr. H. G. Grant.
Secretary of the Faculty, Professor Bean.

The University is indebted to the medical personnel of the Royal Canadian Navy for clinical instruction given to the students of the fourth year at the Royal Canadian Naval Hospital and also at Camp Hill.

*On leave

FACULTY OF DENTISTRY, 1945-46

- Alexander E. Kerr, B.A. (Dal.), B.D. (Union Sem., N. Y.), D.D. (United Coll., Man.) LL.D./Mt.A.), *President of the University.*
- S. G. Ritchie, B.A. (U. N. B.), D.M.D. (T. D. C.), *Professor of Dental Anatomy and Comparative Dental Anatomy and Prosthodontic Dentistry, 36 South St.*
- F. V. Woodbury, M.D., C.M. (Dal.), L.R.C.S., L.R.C.P. (Edin.), L.F.P.S. (Glas.), *Professor of Oral Surgery, Anæsthesia and Pilocaine Diagnosis, 105 South Park St.*
- Wm. W. Woodbury, B.Sc. (Dal.), D.D.S. (P. D. C.), *Professor of Orthodontics, 216 Spring Garden Rd.*
- W. H. H. Beckwith, D.D.S. (U. of P.), *Professor of Operative Dentistry, 111 Tower Road.*
- W. C. Omer, D.D.S. (B. C. D. S.), *Professor of Crown and Bridge Work and Ceramics, Birks Building.*
- J. Stanley Bagnall, D.D.S. (Dal.), F.A.A.R.D., *Professor of Dentistry, 78 Larch St.*
- G. A. Chudleigh, D.D.S. (B. C. D. S.), *Lecturer in Operative Dentistry, General Trust Building.*
- *C. B. H. Climo, D.D.S. (Dal.), *Lecturer in Prosthetic Dentistry.*
- H. S. Crosby, D.D.S. (Dal.), *Lecturer in Dental History, Jurisprudence, Ethics and Economics, 20½ LeMarchant St.*
- A. Borden Havenstock, D.D.S. (Dal.), B.Sc. (Dent.) (Tor.), *Lecturer in Dental Pathology and Therapeutics and Demonstrator in Pre-School Age Clinic, Roy Building.*
- J. Arnold Noble, B.A. (Acad.), M.B., Ch.B., F.R.C.S. (Edin.), *Lecturer in Surgery, 77 Inglis St.*
- *W. G. Dawson, D.D.S. (Dal.), *Demonstrator in Dental Metallurgy.*
- John W. Dobson, D.D.S. (Dal.), *Demonstrator in Operative Infirmary, Lecturer in Materia Medica, 301 Barrington St.*
- I. K. Lubetsky, D.D.S. (Dal.), *Demonstrator in the Adult Clinic, 59 Oettingen St.*
- G. M. Dewis, D.D.S. (Dal.), *Demonstrator in the Adult Clinic and Operative Infirmary, Lecturer in History, 69 Oettingen St.*
- A. A. Dunlop, D.D.S. (Dal.), *Demonstrator in Operative Infirmary, Lecturer in Economics, Farquhar Bldg.*
- W. C. Dowell, D.D.S. (McGill), *Demonstrator in the Adult Clinic.*
- Alexander Gordon Nutlay, M.D. (Vienna, Rome), D.D.S. (Dal.), *Demonstrator in the Adult Clinic, Roy Building.*
- H. M. Eaton, D.D.S. (Dal.), *Lecturer in Radiology and Demonstrator in Operative Infirmary, Birks Building.*
- F. W. Bissett, B.A., LL.B. (Dal.), *Lecturer in Jurisprudence, General Trust Building.*

- O. L. Croft, D.D.S. (Tor.), *Lecturer in Exodontia and Demonstrator in Adult Clinic, Roy Building.*
- F. S. Christie, D.D.S. (Dal.), *Demonstrator in Operative Infirmary.*
- O. Gardner, *Technician in Prosthetic Dentistry, 42 LeMarchant St.*
- Dean of the Faculty, Dr. Wm. W. Woodbury.*
- Secretary of the Faculty, Dr. Bagnall.*
- | | | |
|-------------------------------------|---|----------------------------------|
| Committee on Studies and Attendance | } | President Kerr, <i>Chairman.</i> |
| | | Dean Woodbury |
| | | Dr. Bagnall, <i>Secretary.</i> |
| | | Dr. Ritchie |

The academic staff, in the departments of Anatomy, Histology, Embryology, Physiology, Biochemistry, Pathology, Bacteriology and Pharmacology, is listed under the Faculty of Medicine, p. XVI.

*On leave.

Dalhousie University

INTRODUCTION

HISTORICAL SKETCH

Dalhousie University may be said to have begun when the British Government, in 1818, sanctioned the institution of a college at Halifax, Nova Scotia. The original endowment was part of the customs collected at the port of Castine, in the present State of Maine, while it was occupied by a Halifax expedition during the latter part of the War of 1812. This use for the fund had been proposed by a Lieutenant-Governor of Nova Scotia, George Ramsay, ninth Earl of Dalhousie, who had the satisfaction of laying the corner stone of the building, May 22, 1820. In doing so he made an address, containing these words: "This College of Halifax is founded for the instruction of youth in the higher 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 1838. King's College, at Windsor, was already in existence. There was not room for the two institutions and efforts at union were unavailing. King's College admitted only adherents of the Church of England. In 1838, Pietou Academy joined forces with Dalhousie, its Principal, the famed Dr. McCulloch, becoming President of Dalhousie, and £200 of the £400 annual grant to Pietou 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 supported its colleges at Truro and Halifax, and undertook the support of two Chairs, and the Church of Scotland in Nova Scotia undertook to support another Chair. Thus supported Dalhousie made a fresh beginning, with six professors. So carefully chosen were these men, and so vitalizing was their effect as teachers, that there was never again a break in the life of the College. Sixteen years later, George Munro began a series of gifts, chairs and scholarships, on a scale hitherto unequalled in Canada. The result was not only a nucleus of some of the most famous university teachers in Canadian history: these teachers had among their students the cream of maritime schools—students who exerted an influence out of proportion to their numbers. Unfortunately these scholarships were continued for a decade only.

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

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

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

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

In 1912, the Faculty of Dentistry was established.

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

BENEFACTIONS

Presbyterian Church of the Lower Provinces.			
1833. Per annum about	£80		
<i>Support of two Professors. Withdrawn on death of first two incumbents.</i>			
Church of Scotland.	1863.	Part of	£550
<i>Endowment Chair of Mathematics.</i>			
Alexander McLeod.	1882.	\$ 65,000	
<i>Endowment of Chairs in Classics, Modern Languages and Chemistry.</i>			
Mrs. Harriet Mackenzie Morrison, Stornoway, Scotland.			
<i>Foundation Mackenzie Bursary Fund.</i>	1887.	£1,000	
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>Carlisle Street.....</i>		\$20,000	
<i>Scholarships in Arts.....</i>		4,000	
George Munro.	1879-1888.	About	350,000
<i>Endowment of Chairs in Physics, History and Political Economy, English Literature, Law and Meteorology. Tutorships in Classics and Mathematics. Exhibitions and Bursaries in Arts.</i>			
John P. Mott.	1890.	10,000	
<i>For the benefit of such College, as long as it shall remain and continue to be a non-sectarian institution.</i>			
Rev. Wm. McCulloch, D.D.	1887.	1,600	
<i>Endowment and support of "Thomas McCulloch Museum."</i>			
Professor Charles Macdonald.	1902.	2,000	
<i>Library Endowment.</i>			
Campaign.	1902.	About	90,000
<i>School of Mines.</i>			

Campaign Fund.	1912.	About	\$ 400,000
<i>Purchase of Stables. 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 Blanckard Fund for endowment of annual Scholarship.</i>			
Campaign.	1909-1913.	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'Ardoise, C. B.	1915.	15,000	
<i>"To be applied in such manner as to the said Governors shall appear best."</i>			
Lieut. George W. Stairs.	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	90,000
<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.	2,880	
<i>For Eric Dennis Special Lectures.</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.	439,000	
<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 Strathile.	1921.	1,500	
<i>Foundation "Strathile 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 Odling Prize" in Medicine.</i>		
Estate of Robert Bruce, Quebec.	1922.	
<i>Bursaries and Scholarships. One-seventh of income from</i>		
Mrs. Edith J. Richardson.	1923.	1,000
<i>For Shirreff Hall.</i>		
Halifax Branch of the Overseas League.	1925.	1,070
<i>Essay Prize.</i>		
Rev. Joseph and Mrs. Hale, Dartmouth, N. S.	1925.	1,000
<i>Foundation "Katherine H. Bullenhow 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 Senster 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.	20,000
<i>For the encouragement of Scientific Research.</i>		
Dr. Mary S. Ross.	1926-1929.	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
<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, Westerly, Rhode Island.	1931.	Residuary
<i>legatee of Estate.</i>		
Dr. W. H. Hattie.	1931.	Residuary
<i>legatee.</i>		
<i>(On the death of Mrs. Hattie.)</i>		
James D. McKenna, Sussex, N. B.	1929-1932.	5,000
<i>Foundation "The Elizabeth McKenna Scholarships."</i>		

Dr. Dougald Macgillivray.	1932.	Bronze Bust of 9th Earl of Dalhousie, the work of Massey Rhind, A.R.S.A.
Halifax Visiting Dispensary.	1929 and 1932.	\$ 1,000
<i>"For the Public Health Clinic."</i>		
Junior League of Halifax.	1933-1940.	1,500
<i>For Immunization Clinics.</i>		
Estate of A. M. Banks.	1926-1938.	4,560
<i>For general purposes.</i>		
Estate of Dr. Elias 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. Burris, Upper Mosquodobuit, N. S.	1933.	Reversion of Estate.
<i>For Travelling Scholarships.</i>		
Anonymous.	1933-1938.	5,000
<i>Four Scholarships in Classics and Mathematics.</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 Alumnae Association.</i>		
Estate of Mrs. E. B. Eddy.	1929-1936.	
<i>Establishment "Eddy-Shirreff Foundation," for "improvement and maintenance of Shirreff Hall," "to assist, scholarships, or other method of assisting worthy young women."</i>		
<i>For "Eddy-Shirreff Foundation" (residue).</i>		
Anonymous.	1936-1937.	850,000 76,777 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 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 Bldg.</i>		
Hugh Graeme Fraser Memorial Fund.	1932-1939.	910
<i>For Prize in Advanced Chemistry.</i>		
<i>Additional paid in cash for Prizes.</i>		
A. B. Wiswell.	1938-1939.	1,000
<i>For Medical and Dental Library Bldg.</i>		
A. H. Buckley.	1939-1940.	500
<i>For Medical and Dental Library Bldg.</i>		

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.	1,000
Estate of Alexander Ross. <i>For Arts and Law Libraries.</i>	1942.	about 102,000
<i>For Medical Library.</i>		500
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.	about 500
Miss I. C. McLennan, Montreal. <i>For purchase of books, or 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. Tory. <i>For University Library, Students' Loan Fund and Biology Department.</i>	1927-1932.	1,675
<i>For Medical and Dental Library Building.</i>	1938.	50,705
<i>For medical research.</i>	1944.	Residue of Estate, 10,000
Estate of Dr. J. Ross Millar. <i>For a bureau in the Faculty of Arts and Science.</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
<u>From this point on the list of donors is in alphabetical order.</u>		
Alumnae Association. <i>For Patterson Traveling Library.</i>	1929-1930.	\$ 500
<i>Furnishings, Shireff Hall, and stained glass window in memory of Mrs. Eddy.</i>	1923-1936.	over 6,620
<i>Re-decorating Women's Rooms, Forrest Building and Arts Building.</i>	1945.	270
Alumni Association. <i>For erection of Macdonald Memorial Library.</i>	1902-1914.	25,000
<i>For Biology Chair.</i>	1913-1916.	8,100
<i>Towards erection of Gymnasium.</i>	1921-1922.	9,912
<i>For the Gymnasium Fund.</i>	1934.	4,322

Alumnae and Alumni Associations. <i>Subscriptions to the Gymnasium Fund.</i>	1932-1941.	\$ 7,295
Anonymous. <i>Bursary in Arts and Science School.</i>	1940 to date.	1,048
Anonymous. <i>For Anatomy Prizes.</i>	1933 to date.	935
Anonymous. <i>For "Robert Macdonald Scholarship."</i>	1935 to date.	600
Anonymous. <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.	32,000
Anonymous. <i>For research in Geology.</i>	1944.	10,000
Anonymous. <i>For scholarship endowment.</i>	1946.	500
Anonymous Gifts. <i>For general purposes.</i>	1945-1946.	53,104
	1945-1946.	4,750
Banting Research Foundation, Toronto. <i>For research in Biochemistry and Pharmacology.</i>	1940 to date.	2,288
Right Honourable Viscount Bennett, P.C. <i>Residence for the President of the University.</i>	1925.	20,000
<i>Books for the Law Library and for Shireff Hall.</i>	1921-1939.	4,500
<i>Endowment "Harry Shireff Chair of Chemical Research", "Dean Weldon Chair of Law", "Viscount Bennett Chair of Law", "Mrs. E. B. Eddy Chair of Epidemiology and Nursing Education," and for general purposes.</i>	1943.	750,000
<i>Endowment for Libraries in Law and Shireff Hall.</i>	1944.	Interest on 12,000
Carnegie Corporation of New York. <i>For damage done by Explosion.</i>	1918.	About 21,000
<i>Development of Medical School.</i>	1930.	500,000
<i>For improvement of clinical facilities.</i>		
<i>Grace Maternity Hospital.</i>	1922.	50,000
<i>Fine Arts Teaching Collection.</i>	1926.	Valued at 10,000
Endowment. <i>For the joint benefit of King's College and Dalhousie University.</i>	1929.	600,000
<i>For current deficits.</i>	1929.	600,000
<i>For Dental Library.</i>	1924-1930.	190,000
<i>Endowment for Geology.</i>	1929-1930.	2,000
<i>Bio Research.</i>	1933.	125,000
<i>For the University Library.</i>	1924.	1,500
<i>Research in Pathology.</i>	1932-1934.	9,000
<i>Professorship in German.</i>	1934-1936.	4,000
<i>Development of the Medical and Dental Library.</i>	1934-1936.	8,000
	1938.	50,000
The Carswell Co., Limited, Toronto. <i>Law Prizes.</i>	1923 to date.	2,285
City of Halifax. <i>For Public Health Clinic.</i>	1933 to date.	73,916

Class Memorials.			
Class of 1897	Tablet.		
" " 1909	For Classics Dept. Univ. Library.	\$ 250.14	
" " 1910 (Law)	Scholarships.	349.00	
" " 1911	Tablet and for Biology Dept.	191.00	
" " 1911 (Law)	Scholarships.	100.00	
" " 1912	Gateway to Studing.	585.92	
" " 1913	Tablet and for Students' Loan Fund.	84.84	
" " 1914	Tablet.		
" " 1915	Tablet.		
" " 1916	Tablet.		
" " 1917	Tablet.		
" " 1918	Tablet and for Gateway to Studing.	347.00	
" " 1919	For Books for Biology Dept.	357.82	
" " 1922	For clock for University Library.	528.16	
" " 1923	Tablet.		
" " 1931	For "Rugh Graeme Fraser Memorial" Scholarship.	910.31	
" " 1932	For "Encyclopaedia Britannica."	180.35	
" " 1933	For concrete walks—Studing.	384.00	
" " 1935		50.00	
" " 1936	Electric Clock, Arts Building.		
" " 1943	For concrete walks—Studing.	114.95	
" " 1944	For concrete walks—Studing.	115.36	
" " 1945	For General Reference Books, University Library.	101.21	
		4,098.56	
Cogswell Library Fund.	1916 to date.	7,100	
For Medical Library.			
Dalhousie Club of New York.	1939 to date.	3,627	
Scholarship endowment.			
Dalhousie Loyalty Fund.		60,082	
Pledges to Feb. 28, 1940.		35,805	
Cash received.		2,155	
Dalhousie Medical Alumni Scholarship Fund	1946.		
Senator W. H. Dennis.	1925 to date.	14,400	
English Prizes for Prose and Poetry.	1938.	500	
For Medical and Dental Library Bldg.	1944.	42,250	
Dominion Government.			
Special war services.			
Hon. Mr. Justice John Doull.	1937 to date.	836	
For the Law School.			
Albert S. Fraser, Montreal.	1946.	500	
For general purposes.			
Chas. E. Frost and Company, Montreal.	1940 to date.	1,000	
For research in Biochemistry.	1945.	250	
For a nursery in the Medical School.			
Gifts obtained through Professors.	1935 to date.	2,860	
For Arts, Law, Medical and Dental Libraries.	1934 to date.	24,520	
Halifax Welfare Fund.			
For Public Health Clinic.			
Mrs. James L. Hall, Vancouver.	1938 to date.	600	
Scholarship in Engineering.			

Hebrew Societies.	1935 to date.	\$ 2,800
B'nai B'rith.		
Cape Breton, Western Nova Scotia, and sections of New Brunswick.		
For Scholarships.		
Imperial Order of the Daughters of the Empire.		
Arncliffe Chapter.	1943 to date.	200
Redford Chapter.	1945 to date.	213
Sir Samuel Cunard Chapter.	1945 to date.	258
Essexville Chapter.	1939 to date.	700
H. M. S. Good Hope Chapter.	1944 to date.	100
Archibald MacMechan Chapter.	1939 to date.	600
Marion S. Morrow Chapter.	1945 to date.	100
Robin Hood Chapter.	1945 to date.	100
John Stewart Chapter.	1936 to date.	700
		2,971
W. K. Kellogg Foundation, Battle Creek, Michigan.		
For Scholarships and Loans.	1942 to date.	
Faculty of Medicine.		16,500
Faculty of Dentistry.		11,000
Eli Lilly and Company, Indianapolis.	1943.	500
For Research in Pharmacology.		
Maritime Dental Supply Company, Ltd.	1927 to date.	825
For Dental Prizes and the Dental Library.		
John and Mary R. (Markle) Foundation, New York.	1944.	6,000
Research work in Anatomy Department.		
Dr. A. F. Miller, Kentville, N. S.	1933 to date.	
For Prizes, Faculty of Medicine.		500
For use of Medical School.		400
Dr. Wm. Inglis Morse, Cambridge, Mass.	1932-1939.	
Collection of books, bookcases, busts, maps, mahogany table, 21 mahogany chairs, pictures, safe, etc.		
For Endowment of "Morse Collection."	1935-1937.	10,000
For Medical and Dental Library Bldg.	1938.	1,000
For Prizes.	1933-1940.	2,150
For other purposes.	1932-1941.	5,654
National Research Council, Ottawa.	1940 to date.	
For research in Biochemistry.		10,906
For research in Pharmacology.		1,451
For research in Physiology.		2,443
For research in Chemistry.		8,027
For research in Zoology.		925
For research in Anatomy.		400
For research in Dentistry.		200
Newfoundland Commission of Government.	1943 to date.	20,000
For Medical and Dental Schools.		
North British Society.		
North British Society Centennial Bursary.	1880 to date.	5,440
Allen Pollok Scholarship.	1922 to date.	4,900
Nova Scotia Dental Association.	1912 to date.	
For Dental Library.		3,720
Dental Prizes.		1,950

N. S. Department of Education. <i>For library and general purposes.</i>	1832 to date.	\$ 2,000
N. S. Medical Society. (Cogswell Fund). <i>For Medical Library.</i>	1916 to date.	7,100
Province of Nova Scotia. <i>For Medical and Dental Schools.</i> <i>For Public Health Clinic.</i>	1940 to date. 1933 to date.	100,000 62,500
Lt.-Col. Sidney C. Oland, Halifax. <i>For Scholarships.</i>	1933 to date.	1,200
Provincial Medical Board. <i>For "MacDougal Memorial Library."</i>	1941 to date.	832
Rocketteller Foundation, New York. <i>Development of the Medical School.</i> <i>For improvement of clinical facilities</i> <i>Grace Maternity Hospital.</i>	1920. 1922.	500,000 50,000
<i>For the teaching of Hygiene.</i> <i>For study of Morbidity in Nova Scotia.</i> <i>For study of the impact of the war on the economy of the Maritime Provinces.</i>	1928-1929. 1937-1938. 1940.	9,197 10,000 7,500
<i>Department of Epidemiology.</i> <i>For training and research in Public Administration.</i>	1933-1941. 1936-1943.	65,000 80,000
<i>For development of teaching in Psychiatry (over a six-year period).</i> <i>For adequate teaching facilities for medical students, Victoria General Hospital.</i>	1941-1947. 1945-1947.	34,500 150,000
Rotary Club of Halifax. <i>For Department of Psychiatry.</i>	1945.	2,000
Swift Canadian Company Limited, Toronto. <i>For Fellowship in Nutrition, Department of Biochemistry.</i>	1945.	1,200
Weldon Memorial Fund <i>Endowment (in addition to Lord Bennett's Contributions)</i> 1928 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, (now Viscount Bennett), who was referred to as one of our great benefactors himself, and the name of other notable benefactors. 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 Sciences part of the Science Faculty, established in 1877, joined Arts. ("Applied Science," then called the Faculty of Engineering, was discontinued in 1909 on the opening of the N. S. Technical College.)

The Faculty of Law was established in 1881. 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.

CONSTITUTION

The Board of Governors is the supreme governing body of the University. Appointments to it are made by the Governor-in-Council on the nomination of the Board. The Board has granted to the Alumni Association the privilege of proposing the names of six members of the Board. An Alumni Representative Governor must resign at the end of three years; he may be appointed to succeed himself; but he cannot hold office for more than six years continuously. On similar conditions, the Alumni Association have the selection of three members of the Board. The Governors have the management of the funds and property of the College, the power of appointing the President, Professors and other officials, and of determining their duties and salaries, and the general oversight of the work of the University.

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

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

DEGREES AND COURSES

The degree of Doctor of Laws may be conferred *honoris causa* *in* recognition of eminent literary, scientific, professional or public services.

The Senate confers the degrees in course of Bachelor and Master of Arts, Bachelor and Master of Science, Bachelor of Commerce, Bachelor of Music, Bachelor of Science (in Pharmacy), Bachelor of Laws, Doctor of Medicine and Master of Surgery, and Doctor of Dental Surgery. Courses for diplomas in Music, Pharmacy, Education and Engineering are also prescribed.

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

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

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

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

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

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

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

PRIVILEGES OF DALHOUSIE STUDENTS IN OTHER INSTITUTIONS

The University of Oxford exempts from Responsions an undergraduate in Arts of this University who has passed in the subjects of the second or a higher year. A Bachelor of Arts with Honours is further exempted from four terms of residence. The Trustees of Rhodes Scholarships exempt from the qualifying examination candidates who are exempt from Responsions by the University of Oxford.

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

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

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

Graduates of this University in Medicine and Surgery who hold the 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.

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

Prince of Wales College

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

Students who have completed the regular 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 24.

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 nearly 70,000 catalogued volumes, and other books and manuscripts.

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

The Law Library contains about 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 1939 stands on the Forbes campus. It was built after consultation with several of the most eminent medical librarians in America and in every way is fitted for the purpose it serves.

Besides the libraries in the University, students may use, subject to certain conditions, the following libraries: The Provincial Science Library, housed in the Nova Scotia Technical College (about 90,000 volumes and

pamphlets), the Legislative Library (44,000 volumes), the Library of Fine Arts Divinity Hall (25,000 volumes and, in addition, valuable records), and the Nova Scotia Barristers' Society Library (14,000 volumes).

A building for the Public Archives of Nova Scotia was erected on the University grounds adjacent to the Library in the fall of 1939 through the generosity and public spirit of the late W. H. Chase, Esq., of Wolfville. The collections which are being accumulated in this building, including the notable Atkins Library, rich in early Colonial and Canadian History, are of the greatest value to the University for teaching purposes.

THE MUSEUM

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

The Thomas McCulloch Collection was begun by Dr. McCulloch, first President of Dalhousie. The greater part of it was collected by his son, Thomas, who was Professor of Natural Philosophy from 1863 until his death in 1865. His brother, Rev. William McCulloch, D.D., of Truro, bequeathed it to the University along with a sum of \$1,600 to form a fund for its maintenance. It contains a large and valuable collection of birds, especially native species of the Maritime Provinces, besides many mineral, rock and fossil specimens, shells of mollusks, Indian implements, etc. The fossil specimens include a collection of European cretaceous fossils and of carboniferous fossils, chiefly Nova Scotian. The collection of birds is supplemented by the valuable collection made by Col. T. J. Egan, of Halifax, containing thirty cases of native birds.

The Honeyman Collection consists of the extensive geological collection made by the Rev. David Honeyman, D.C.L., F.S.A., for some years Professor of Geology in Dalhousie College, and was presented by Dr. Honeyman's relatives.

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

LABORATORIES

The Physics and Chemistry Building houses also the departments of Geology and Engineering.

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

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

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

GENERAL UNIVERSITY REGULATIONS†

Registration

All students of the University are required to enter their names in the Register annually, agreeing to obey all the regulations of the University already made or to be made, and to pay the required fees and deposits before entering any class or taking any examination. Students withdrawing from the University or intending to discontinue the work of any class must notify the Registrar.

Students' Health Service

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

2. This service provides for the following:

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

3. The service does not provide for the following:

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

†It is to be distinctly understood that the regulations regarding courses of study, examinations, fees, etc., 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 conditions laid down.

(g) Hospitalization;

(h) Any other service not specified in Section 2 hereof.

4. Arrangements for consultations during the session are to be made through the Office of the Medical Director, Students' Health Service, Public Health Clinic (Telephone 3-8438).

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

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

Physical Training

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

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

Tutors

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

Residence

All students are required to report their place of residence to the University Office on or before October 12. Subsequent changes in place of residence must be reported promptly.

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

The dormitories of Pine Hill Divinity Hall are available for students of Dalhousie University to the extent of the accommodation not needed by 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 are as follows:

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

University Library

The Library is open during the session on every week-day except Saturday, from 9 a.m. till 5.30 p.m. and on Saturday till 12 m. and during the greater part of the session from 7.30 to 10.00 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 be taken out at 4 p.m. on any day, and must be returned before 10 a.m. the following morning.

Not more than six books may be borrowed at one time by a student not in an Honour or Graduate course.

Students are allowed the privilege of borrowing books from the library for the summer. Students using this privilege are required to make a deposit with the University Office. This deposit is returned when the books are replaced in the library.

Loan Funds

A Students' Loan Fund was started by the gift of \$1,000 for the purpose from the Chronicle Publishing Co., Limited, of Halifax, in June, 1912, and has since been increased by other gifts and interest to about \$6,500.

An application for a loan should be made to "The Committee, Students' Loan Fund," and will be considered only from a student of Undergraduate standing in the Faculty of Arts and Science who has attended the University for at least one year, has the approval of the Dean as to general academic standing, and is of good standing among his fellow students. The loan to any student shall not exceed \$100 in any one year, nor \$300 in total amount. A loan shall bear interest from the date of the student's graduation, or in case the student does not continue his course, from the date of his last attendance. A loan is repayable within one year from the time it begins to bear interest.

The Alumnae Association Loan Fund is available to women students who have attended the University for two years. A final year student may be granted a maximum of \$200, provided that a previous loan has not exceeded \$100. A total of all sums advanced to any student shall not exceed \$300. The terms of loan are subject to change. Applications should be sent in as early as possible. Apply to Mrs. F. H. Pond, 18 Oakland Road, Halifax.

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

Employment Bureau

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

The qualifications for recommendation to employers are:

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

The Bureau invites communications from both students and employers.

Caution Deposit

Each student on registration is required to deposit two dollars as caution money to cover damage done to furniture, apparatus, etc. This amount, less any deductions, will be returned at the close of the session. There shall be no deduction from the Caution Fund for damages which have been charged to or assumed by individuals.

Laboratory Deposits

A student taking a class involving laboratory work is required to make a deposit of ten dollars per class, with a maximum of twenty dollars, on registration. This amount, or what remains of it after deducting any charges which may have been incurred for breakage or materials used, is returned to the student at the end of the session.

Unclaimed Deposits

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

Articles Lost and Found

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

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

Fee for Support of Student Organizations

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

A student taking 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.

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 treader with tassel.

Graduates of the University shall be entitled to wear gowns and hoods of black stuff. The distinctive part of the costume is the lining of the hood, which for the various degrees is as follows:

- B.A.—White silk bordered with white fur.
- M.A.—Crimson silk.
- B.Sc.—White silk bordered with scarlet silk.
- M.Sc.—Scarlet silk.
- B.Com.—White silk bordered with light blue silk.
- B.Mus.—White silk bordered with lavender silk.
- L.L.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.
- L.L.D.—Purple silk.

Doctors of Laws shall be entitled to wear gowns and hoods of black silk.

Conferring of Degrees

Successful candidates for degrees are required to appear at Convocation in the proper academic costume to have the degrees conferred upon them.

By special permission of the Senate degrees may be conferred, in exceptional cases, *in absentia*. Written application giving reasons for the request must be made well in advance to the Secretary of Senate. The additional fee for such degrees conferred at Convocation is \$10.00. (See p. 69).

ADMISSION TO VARIOUS FACULTIES

The attention of students entering the Faculty of Arts and Science for the first time, whether in the First or Second year, is called to the fact that registration for such students takes place on September 25 and 26 and that special lectures for them begin on September 27.

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 Matriculation* and are candidates for a Bachelor's degree in Arts or Science, or for a degree in a professional course.

For details of admission to the professional courses, see pages 23-26.

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

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

Matriculation

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

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

Matriculation examination or by presenting equivalent certificates.

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

For B.A.:

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

For B.Sc.:

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

For B.Com.:

As for B.Sc.

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 52.

For LL.B.:

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

For further information, see pages 104ff.

For M.D., C.M.:

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

For further information, see pages 117ff.

For D.D.S.:

As for M.D., C.M., see pages 141ff

For B.Sc. (Pharmacy):

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

Diploma Courses

Matriculation requirements for the Diploma Courses are as follows:

Diploma in Engineering:

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

For information regarding the course in Engineering, see pages 53 and 54, 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 25.

Diploma in Pharmacy:

Complete matriculation in Arts or Science, including Latin. See page 51.

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.

Subjects of Matriculation

The Matriculation examinations will be held at the University from September 21 to 25, 1946. For the time table of the examinations, see pages vi. Papers of three hours each will be offered on request in the following subject*:

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

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

Students who intend to write any of these examinations must apply to the University Office before September 18, 1946.

*See page 20.

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

Application for examination at an outside centre should be made one month earlier, and permission will be granted only in exceptional circumstances. (See p. 69).

Requirements in Various Subjects

Candidates are expected to be prepared in the following requirements:

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

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

Ancient History.—General outlines, as in Webster's *Ancient History*; or, Myers's *A Short History of Ancient Times*.

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

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

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

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

Greek.—As under Latin.

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

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

The book prescribed is: Wedek: *Third Year Latin*; pp. 1-24 (*Cicero: First Oration against Catiline*); pp. 213-218 (Selections from Ovid); pp. 135-195 (*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. Doudo: *Modern French Course, Lessons 31 to 50*. Forrest: *French Poetry*, Selections 36 to 70. Manley: *Eight French Stories* (omitting the eighth story). La Hette: *Mon oncle et mon curé*. 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. Vox: *Essentials of German*, Lessons 14-26. Bagster-Collins: *First German Reader, stories ("Lesestücke") Nos. 5, 8, 10 and 12*. Thoma: *Lausbuben-geschichten* (Heath). Equivalent work will be accepted.

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

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

Physics.—The examination is intended to be of Grade XI standard. It will be set from such a text book as *The Ontario High School Physics and Laboratory Manual*.

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

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

Certificates Exempting from Examination

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

- Certificates of the Common Examining Board of the Maritime Provinces and Newfoundland.
- High School 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.
- Equivalent Certificates issued by Education Departments of other Provinces.
- Second Year Certificates issued by Prince of Wales College, Charlottetown, Prince Edward Island.
- Certificates of Matriculation Examinations taken at recognized Universities.
- Certificates similar to the above issued by University or other official examining bodies, when found adequate.

ADMISSION 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 I, Latin I, French I, German I, English I, History I, Mathematics I.

The certificates to which these provisions apply are the following:

- High School or Accredited School Certificate of Grade XII of Nova Scotia issued by the Department of Education;
- Third Year Certificate as issued by Prince of Wales College, Prince Edward Island;
- Certificate of the first year of Memorial University College, Newfoundland;
- 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. 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 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.

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

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

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.

Faculty of Arts and Science

The **Academic Year** begins September 23, 1946, and ends May 13, 1947.

For General University Regulations

(V. p. 16, *et seq.*)

GENERAL FACULTY REGULATIONS**Admission to Classes**

1. Candidates for a degree must pass the Matriculation examinations (p. 22 *et seq.*). Only those classes which a student attends as an Undergraduate are recognized as qualifying for a degree in Arts or Science.
2. A student deficient in one of the required foreign languages, whose preparation in this language has not covered any considerable part of the work prescribed for Matriculation, may be refused admission to more than three undergraduate classes.
3. No Undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications (see p. 72 *et seq.*).
4. The list of classes which a student may take shall include all required classes, before any elective is added, but candidates for admission to Honour courses may have this rule modified on application to the Committee on Honour and Graduate Studies.
5. Five classes shall be regarded as constituting a normal year's work for a student in good standing. Students seeking admission to six classes must make written application to the Committee on Studies, furnishing reasons in support of their application. No student who has failed in any class of his course in the preceding year of his attendance shall be admitted to more than five classes without special permission.
6. Any student, who at the Christmas examinations has not shown reasonable proficiency, may, at the discretion of the Faculty, be required to discontinue attendance at the University for the remainder of the session. Fees will not be reimbursed to such students.

Class Work and Attendance

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

1. All students are required to attend the classes of their prescribed 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. They must secure positions on the Pass List. In determining this list both the standing attained in prescribed class exercises and in field or laboratory work and that in the various examinations are taken into consideration. A candidate who fails to obtain a mark of at least 20 per cent. on the work of the session in any class shall lose credit for attendance in such class.

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

5. A candidate taking classes in another Faculty as part of an affiliated course must conform to the regulations of that Faculty and must secure a position on the Pass List in accordance with such regulations.

Examinations

Sessional and Class Examinations

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

In all classes other than purely laboratory classes, two examinations, at least, are held, the Christmas examinations at the end of the first term, immediately before the Christmas vacation, and the Spring examinations, after the close of lectures in the Spring. Other examinations in any class may be held at dates appointed by the instructor. The papers set at the Spring examination in any subject cover the work of the whole session in that subject, and not merely the work of the second term, and at least 25 per cent. of the questions shall be set on the work covered before Christmas.

Ordinary and Distinction Class Lists

The names of candidates successful in the ordinary examinations are arranged in the published lists in order of merit in each class. The requirements for Distinction in any class shall be determined by the department concerned, it being understood that Distinction entails independent work of high quality. To

be eligible for Distinction in any class students must obtain a grade of at least sixty per cent. in the ordinary work of the class and also in the additional work for Distinction. The Distinction list for a class shall be published in order of merit, without division into grades. (See also p. 37).

Supplemental and Special Examinations

A student who fails to secure a position on the Pass List in a class, but who has passed in at least half of his classes and has otherwise fulfilled the requirements in class work stated on page 29, 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. 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.

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

No award of Class Distinction is made on the results of a Supplemental or Special examination.

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 19, the fee (see p. 70) 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.), and Bachelor of Music (B.Mus.), and to the Diploma of Licentiate of Music (L.Mus.).

A course in Engineering, extending over three years, is prescribed for students who look forward to completing a course in Civil, Mechanical, Electrical or Mining Engineering at the Nova Scotia Technical College, or other technical institution. A diploma is given for successful completion of this course. The

*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 in a Special examination. The standard required to pass a Special examination is considerably higher than that required for other examinations.

University provides courses required for the diplomas in Education, in Mining Geology, and for the diploma in Pharmacy issued by the Maritime College of Pharmacy. (See p. 51).

The courses for the degrees of Bachelor of Arts and of Science extend over four years. Candidates for these degrees may either follow the corresponding Ordinary course, or, if they have obtained a sufficiently high standing in the work of the first two years, may in their third year enter upon a course leading to the degree of Bachelor of Arts or of Science with Honours. (See pp. 38-43).

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. 35-36 and 51).

The degree of Master of Arts or of Science is given for the successful completion of an approved course of graduate work extending over at least one year. (See pp. 54-55).

The course of study for the degree of Bachelor of Commerce extends over four years. (See pp. 36-37).

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. 49-50).

Ordinary Course for Bachelor of Arts

The Ordinary course of study proscribed 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.
- (iii) Two classes in English.
- (iv) History 1, Mathematics 1.
- (v) One class in Physics, Chemistry, Geology, or Biology.
- (vi) Any two classes from: the second class of the language chosen in (ii) above, History 2, Economics 1, Political Science 1, Philosophy 1, Mathematics 2, a Science Class.
- (vii) Ten other classes* selected, so that seven classes which require a University class as prerequisite are included in not more than three of the following departments, and not more than seven such classes are included in any one department:

Biology (including Botany, Zoology, Histology, Embryology, and Physiology);
 Chemistry (including Biochemistry);
 Classics (including Greek and Latin);
 Economics (including Sociology);
 English Language and Literature;
 Geology;
 History;
 Mathematics;

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

Modern Languages (including French, German and Spanish);
 Music;
 Philosophy (including Psychology);
 Physics;
 Political Science;
 Divinity (including Church History, Hebrew, and New Testament Greek);
 Law, Medicine, and Dentistry; See affiliated courses.

For details of classes in the above departments, see Classes of Instruction, page 71, et seq.

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

Lists of the elective classes chosen by students must be submitted for approval not later than Wednesday, October 9, 1946.

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 pp. 32-33.

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

University provides courses required for the diplomas in Education, in Mining Geology, and for the diploma in Pharmacy issued by the Maritime College of Pharmacy. (See p. 51).

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. 38-45).

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. 35-36 and 51).

The degree of Master of Arts or of Science is given for the successful completion of an approved course of graduate work extending over at least one year. (See pp. 54-55).

The course of study for the degree of Bachelor of Commerce extends over four years. (See pp. 36-37).

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. 49-53).

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.
- (iii) Two classes in English.
- (iv) History 1, Mathematics 1.
- (v) One class in Physics, Chemistry, Geology, or Biology.
- (vi) Any two classes from: the second class of the language chosen in (ii) above, History 2, Economics 1, Political Science 1, Philosophy 1, Mathematics 2, a Science Class.
- (vii) Ten other classes* selected, so that seven classes which require a University class as prerequisite are included in not more than three of the following departments, and not more than seven such classes are included in any one department:

Biology (including Botany, Zoology, Histology, Embryology, and Physiology);
 Chemistry (including Biochemistry);
 Classics (including Greek and Latin);
 Economics (including Sociology);
 English Language and Literature;
 Geology;
 History;
 Mathematics;

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

Modern Languages (including French, German and Spanish);
 Music;
 Philosophy (including Psychology);
 Physics;
 Political Science;
 Divinity (including Church History, Hebrew, and New Testament Greek);
 Law, Medicine, and Dentistry; See affiliated courses.

For details of classes in the above departments, see Classes of Instruction, page 71, et seq.

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

Lists of the elective classes chosen by students must be submitted for approval not later than Wednesday, October 9, 1946.

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 pp. 32-33.

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

AFFILIATED COURSES

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

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

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

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

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

D. Medicine and Dentistry.—An Undergraduate in Medicine or Dentistry may offer the classes of first year, instead of four of the electives required from Group (vi) on pp. 32-33.

Ordinary Course for Bachelor of Science

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

- (i) Two classes in English. Two classes in French or German, or one class in each.
- (ii) One in each of the following: Mathematics, Physics, Chemistry, Geology or Biology.
- (iii) Two classes selected from the departments of English, Foreign Languages, History, Economics, Political Science and Philosophy.
- (iv) Ten other classes, such that at least six are included in not more than three of the departments of Science and Mathematics. Drawing 1 may be offered as one of these classes.

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 9, 1946.

Order of Classes

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

First Year

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

Second Year

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

Third and Fourth Years

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

Affiliated Courses

A. Engineering.—An undergraduate looking forward to the study of Engineering may offer the following classes instead of four of the electives required from Group (iv) above:—Drawing 2 and 3, Surveying 1 and 2, Mechanics 3, 4 and 5.

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

B. Medicine and Dentistry.—An undergraduate in Medicine or Dentistry may offer the classes of first year, instead of four of the electives required from Group (iv) above.

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

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

Course for Bachelor of Commerce*

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

- (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 and Economics 3.
- (v) Commerce 1, Commerce 4 and Commerce 6.
- (vi) Eight other classes to be selected after approval by the Head of the Department of Commerce.

Order of Classes

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

First year—English 1, Mathematics 1, a Science class, French 1 or German 1 or Spanish 1, Commerce 4.

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

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

Distinction in the Ordinary Course

The degree of Bachelor of Arts or of Science with Distinction or with Distinction and a Medal will be conferred for special excellence shown in the classes of the Ordinary course.

The award of such degree is based upon the Class Distinctions (p. 29) gained by candidates; and not only are the number and grade of such Distinctions considered, but also the extent and character of the work by which they have been gained.

To be eligible a student must have completed at least ten classes in which Distinction may be obtained; and he must have secured Distinction in not more than eight classes nor in fewer than six classes distributed over at least two and not more than three departments.

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

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

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

Candidates for a degree with Distinction should consult the Committee on Studies with respect to the selection of classes.

*See p. 79.

Degree of Bachelor with Honours

An undergraduate who has passed in at least nine classes of the Ordinary Arts or Science course with sufficient credit is allowed to enter an Honour course.

A candidate for admission to an Honour Course must obtain the permission of the Faculty, which will in ordinary circumstances be granted only to students who have attained a high standing in the classes preliminary to the Honour course selected (see statement of Honour courses below); and the candidate should, accordingly, plan his course so as to take these preliminary classes during his first two years.

In all cases the number of classes required for the degree shall not be less than twenty.

Honour courses are provided in the following departments: (I) Classics, (II) Latin and English, (III) Greek and English, (IV) English Language and Literature, (V) English and History, (VI) any two of History, Economics and Sociology, Political Science, (VII) Philosophy, (VIII) Mathematics, (IX) Physics, (X) Chemistry, (XI) Geology, (XII) Biology. Undergraduates in Arts may enter any of these courses for which they are eligible. Undergraduates in Science may enter any of the last five courses for which they are eligible.

An undergraduate who enters upon an Honour course in any of the above departments must take the special classes in the department chosen and certain other classes specified below in the requirements for the individual courses, and is required to make satisfactory progress in these classes. He may select the remaining classes of his course, if he is an undergraduate in Arts, from any of the subjects of the Ordinary course in Arts, and, if an undergraduate in Science, from any of the subjects of the Ordinary course in Science, the choice in each case being subject to the approval of the Faculty.

The examinations in the subjects of an Honour course are held at the end of the last year of the course.

A candidate for Honours may defer his examination in the subjects of his course until a year after he has passed the examinations in the Ordinary subjects of the fourth year; in which case, however, he will not receive his degree until he has passed the examination of such Honour course.

Successful candidates will be declared to have obtained degrees with Honours, or with High Honours, or with High Honours and a Medal.

HONOUR COURSES

I. Classics

1. Greek and Latin

See Advanced Courses, pp. 46-48

2. Latin

Preliminary Classes.—Latin 1 and 2.

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

- A. A critical knowledge of the books prescribed in Latin 5, 6, 7 and 8.
- B. Ability to translate from English into Latin prose; and ability to translate at sight passages from Latin works not prescribed.
- C. A knowledge of the history of Latin Literature as in Rose, and a knowledge of Ancient Life as in Tucker; *Life in Ancient Athens, Forester; Social Life in the Time of Cicero, McDannel; Roman Private Life.*
- D. A knowledge of Ancient History: Greek, 5th and 4th centuries B.C.; Roman, 240 B.C. to 138 A.D.

II. Latin and English

Preliminary Classes.—Latin 1 and 2, English 1 and 2. Prospective candidates are strongly recommended to take two classes in German.

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

Latin

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

English

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

III. Greek and English

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

IV. English Language and Literature

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

Special Honour examinations will be set, with one or more papers on each of the divisions in the following list. In making the final award, consideration will also be given to examinations in undergraduate classes, and to such additional work as has been completed during the last three years of the course.

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

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

Middle English: Language and Literature from 1300 to 1500.

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

English Literature from 1603 to 1798.

English Literature since 1798.

The History of Literary Criticism.

V. English and History

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

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

English

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

History

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

VI. History, Economics and Sociology, Political Science

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

History

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

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

Economics and Sociology

One subject from each group:

- A. 1. Economic Theory and its History.
2. Sociological Theory and its Development.
- B. 1. International Trade and Tariffs.
2. Money and Banking.
3. Public Finance.
4. Labour Problems.
5. Economic Problems of Canada.
6. Economic History.
7. Programmes of Social Reconstruction.
8. Social and Vital Statistics.
9. Population Problems.
10. Social Legislation in Canada.
11. Community Organisation.

Political Science

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

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

Public Administration

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

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

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

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

The course of study to be followed in the later years will be adapted to the needs and aptitudes of individual students. Those interested should consult the Instructor in Public Administration.

VII. Philosophy

Preliminary Class.—Philosophy 1.

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

of attainment shown in Philosophy 2, 3, 4, 5, 6 and 7 will be considered in the final award.

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

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

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

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

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

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

VIII. Mathematics

Besides the Honour Course in Mathematics mentioned below, there is an Advanced Course. See page 47.

Mathematics

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

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

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

IX. Physics

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

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

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

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

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

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

X. Chemistry

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

In order to complete this course in four years, it is necessary to enter with Grade XII Mathematics and to take Mathematics 2 and 3, Physics 2 and 3, Chemistry 1, 3 and 4 in the first and second years; and Physics 6 and 7, Chemistry 5, 7, 8, 6 and 10 in the third and fourth years.

Candidates for High Honours will be expected either to prepare a thesis embodying the results of a short original investigation, or to show exceptional skill in some special branch of laboratory work. The standard of attainment shown in Physics 6 and 7 (Distinction courses), and in Chemistry 5, 7, 8, 9, 6 and 10, will be considered in the final award.

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

- A. Inorganic and Analytical Chemistry.
- B. Organic Chemistry.
- C. Physical Chemistry.
- D. Practical Chemistry.

XI. Geology

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

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

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

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

XII. Biology

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

The requirements include seven additional classes in Biology or related subjects together with independent investigation in preparation for examination C listed below.

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

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

The special Honour examinations will be set to test:

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

Advanced Courses.

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

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

I. Classics

The following course is offered for those students who have complied with the regulations on page 56. (Classics Entrance Scholarships). Hours to be arranged.

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

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

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

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

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

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

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

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

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

An integral part of the course throughout consists of weekly exercises in both Greek and Latin Prose. Early in the course

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

Noted: * *History of Greece*. Bowen; * *Ancient Greek Literature*. Everyman; * *Classical Atlas*. A. Zimmerman; *Greek Commonwealth; Solon and Croesus*. Dickinson; *Greek View of Life*. Eesp; *The Way of the Greeks*. B. Farrington; *Science and Politics in the Ancient World*; * *Greek Science*. J. L. Myers; *Political Ideas of the Greeks* (v, especially chapters); *Greek Notion of Law*; *Greek Notion of Freedom*. J. Adam; *Religious Teachers of Greece*. McCarty; * *History of Rome*. A. H. J. Greenidge; *History of Rome, 133 B.C.—70 A.D.* R. G. Collingwood; *Roman Britain*. Gwynn; *Roman Education*. T. R. Holmes; *The Roman Republic and the Founder of the Empire* (Three volumes). J. W. MacKail; *Latin Literature*. J. B. Mayor; * *Ancient Philosophy*. John Burnet; *Essays and Addresses*. Stanley Casson; *The Discovery of Man*.

II. Mathematics

The following course is offered for those students who have complied with the regulations on page 56 (Mathematics Entrance Scholarships). The preparation for admission includes complete Grade XII standing in Mathematics, Physics, English and two languages. The course extends over four years and includes, in each year, special tutorial work in addition to the regular classes.

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

The third and fourth years of the course proceed with the course for Honours in Mathematics, including Mathematics 5, 6, 7 and 8 or 12. Physics 6, 14 and 16, and another class in Mathematics or Physics. The details of these classes are to be found on pages 92 and 110.

III. Modern Languages and History

This course is open to those who have studied both French and German, and who have creditably attained Grade XII or equivalent standing. (Students are expected to complete the

equivalent to Grade XII Mathematics before entering the course.) Students in this course will continue the study of French and German for four years with the aim of becoming fluent in both languages. They will also study English literature. They will make a general study of European History and give special attention to the political and social developments in the periods covered by their studies in literature.

First Year

French: General introduction to French literature—French 2.

German: German composition. Conversation classes in German. Reading of German prose and poetry, especially contemporary authors. **History:** Sketch of European History since the fall of the Roman Empire.

English: English 1 (p. 86).

Latin: Latin 2 (p. 78).

Second Year

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

History of French literature 1946-47: French 4. The 19th century, reading list issued in time.

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

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

English: English 2 (p. 86).

Third Year

French: History of French literature either French 6, or French 4. Lectures, collateral reading, reports.

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

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

Fourth Year

French: The student may choose a course in literature he has not previously taken, or French 8 (contemporary literature in France) or another subject selected by arrangement with the instructor. Lectures, collateral reading, reports.

During the third and fourth years, students will acquire an extensive knowledge of the French literature of the XVth, XVIIth and XVIIIth centuries.

German: History of the German language and the chief phases of German mediæval literature will be studied. Parts of the Nibelungenlied and Gudrunlied and Parzival will be read.

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

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

OTHER COURSES

Course for Bachelor of Music

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

Candidates for the degree may be students of the 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 I.
7. French I.

Second Year

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

Third Year

1. Harmony in not more than five parts, including writing for strings.
2. Counterpoint in not more than five parts (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 Accuties. 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. 70) 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. 41). The Degree Course is 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 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, 1946.

The Diploma Course begins on Thursday, September 26, 1946, 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. 23).

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, Halifax, N. S.

Diploma in Education

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

By arrangement with the Nova Scotia Department of Education, graduates in Arts or Science who have completed the course leading to a Diploma in Education subsequent to receiving their degree in Arts or Science may receive a permanent High School Class Licence to teach in any public school in Nova

Scotia. This course, or its equivalent at another College or University recognized by the Provincial Department of Education, must be satisfactorily completed by any university graduate who wishes to teach in the public schools of Nova Scotia, and qualifies him for a position in any high school receiving government grants. Mastery of the content of this course is a necessary step toward securing the Academic Licence.

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

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

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

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

The required subjects for the High School Rank Diploma are the classes Education 1, 2, 3 and 4, together with at least one in an academic subject. Education 1 is the only class in Education for which undergraduates are permitted to register. Students who have secured credit for Education 1 in their undergraduate study must complete the equivalent of five full classes during their post-graduate year. Of these, three will be classes in Education, one an academic class, and one a second academic class, or, in the discretion of the Professor of Education, the completion of a piece of practical work in education.

Course in Mining Geology

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

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

The time-table for this prescribed course may be obtained in the Head of the Department.

Uniform Course for all Branches of Engineering

This course is intended for students who look forward to taking a degree in Civil, Electrical, Mechanical or Mining Engineering. It covers the requirements prescribed for admission to the courses for a degree in Engineering 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 24.

The Course is one requiring three years namely:

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

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

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

Shopwork with machine tools is required by the Nova Scotia Technical College of students in electrical and mechanical engineering at the beginning of their junior year. Instruction in this subject is given by the Nova Scotia Technical College in a three weeks' course immediately preceding the opening of their regular college session. It is required that the students in these two branches of Engineering attend the shopwork course at the time specified. The regular summer machine shop course outlined above has been cancelled due to the war emergency training programme carried on at the Technical College.

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

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

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

Chemical Engineering

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

Master of Arts and Master of Science

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

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

An essay or thesis may be required of the candidate.

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

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

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

Final examinations for Master of Arts and Master of Science degrees shall be held during the regular examination period and shall cover the whole of the work. A student failing in any one of the examinations is required to repeat all examinations. The pass mark shall be fifty per cent in each subject whether preliminary or final. Examinations shall be held ordinarily at the time of the Spring examinations; but in special circumstances they may be held in the Autumn. Candidates must give one month's notice to the Office of the Registrar of their intention to appear for examination, and the fee must accompany the notice.

Course in Fisheries

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

Those who are interested in this course should communicate with the Director, Atlantic Fisheries Experimental Station, Halifax.

SCHOLARSHIPS AND PRIZES

Scholarships are awarded strictly on merit.

The annual payment of any Scholarship or Bursary, when not otherwise stated, is made in two instalments, on October 15 and February 1, the latter payment being conditional on 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 Scholarships 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.)

Entrance Scholarships in Mathematics and in Classics
Application must be made by August 1

Two Mathematics Entrance Scholarships of \$500 and \$400 (of \$150 and \$100 respectively, annually for four years) are open to boys only who have attended any school in the Maritime Provinces or Newfoundland, and who have completed Grade XII or equivalent instruction. Students holding these scholarships must pursue in Dalhousie University a four years' honour course in Mathematics. The scholarships are paid in four annual instalments at the beginning of each term. Tenure of the prizes is conditional on the student winning first-class standing from year to year.*

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

The candidate must have received a creditable pass in the following examinations of Grade XII as set by the Common Examining Board: English; Physics; Algebra; Geometry; Trigonometry; and any two of Latin, Greek, French, German. In addition, candidates are tested on two special problems papers based on Grade XII work in Mathematics, set by Dalhousie University, and rank will be determined by the candidate's standing in these two problems papers only.

Two Classics Entrance Scholarships of \$500 and \$400 (of \$150 and \$100 respectively, annually for four years) are open to boys only who have attended any school in the Maritime Provinces or Newfoundland, and who have completed Grade XII or equivalent instruction, with this proviso, that, in pursuing Grade XII studies, if not in his earlier school work, the candidate has studied both Greek and Latin. (In compensation for this double course in the Classical languages, he may omit from the Grade XII curriculum either the modern foreign language or a science). Students holding these scholarships must pursue in Dalhousie University a four years' advanced course in Classics. The scholarships are paid in four annual instalments, at the beginning of each term. Tenure of the prizes is conditional on the student winning first-class standing from year to year.*

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

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

*For example, a scholarship holder who failed to make an average of at least sixty per cent. in the classes taken and of at least sixty-five per cent. in the scholarship classes in the first year would not be paid the annual instalment in his second year. But, by attaining first-class standing in the second year, he would be qualified for the prize money in his third year.

Entrance Scholarships in Modern Languages and History

An O. E. Smith Entrance Scholarship of \$300 (\$125 annually, for four years) is open to students who have attended any school in the Maritime Provinces or Newfoundland, and who have completed Grade XII or equivalent instruction. Students holding this scholarship must pursue in Dalhousie University a four years' advanced course in Modern Languages and History. The scholarship is paid in four annual instalments, at the beginning of each term. Tenure of the prize is conditional on the student winning first-class standing from year to year.*

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

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

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

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

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

The award of these scholarships in 1947 will be determined:

By the results of a preliminary general examination set by Dalhousie University and written during the month of February at the school attended by the candidate; and by the standing of the candidate in the school work of the year in which he completed the work of Grade XI or the equivalent.

Only those pupils who at the end of the present school year will have taken the seven classes of Grade XI required for University matriculation are eligible to write the preliminary examination; and scholarships may be held only after matriculation into the B.A. or B.Sc. course is completed.

*See footnote on page 56.

†One of the \$300 scholarships is the gift of the Hebrew community of the Sydney District and it is named the "Cape Breton Hebrew Scholarship."

Application to write the preliminary examination must be made before February 1 through the School or Science Principal, and requests for the examination, question papers must reach the Registrar before February 1.

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

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

Two Bursaries will be awarded to candidates for the Regional Scholarships (see page 57) who are placed next after the winners, and satisfy the other conditions of these scholarships, special emphasis being laid on the candidates' work in Latin, with or without Greek.

Two Bursaries will be awarded on the results of the papers in Latin and Greek, or in Latin only, of the Classics Entrance Scholarship examinations* (see page 56) to candidates who are placed next after the winners of these scholarships. Preference will be given to candidates whose work is commendable in both Latin and Greek.

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

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

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

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

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

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

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

*Papers may be written at local centres.

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

‡In the awarding of this scholarship preference will be given to the students of Scottish extraction.

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.

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 third year examinations of Prince of Wales College, Charlottetown, and who enters the Faculty of Arts and Science of this University.

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

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

The Ross Millar Bursary.—Under the will of Dr. Ross Millar 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 seasonal examinations.

First Year Scholarships

These Scholarships are three in number, as follows:

1	George H. Campbell Memorial Scholarship, of.....	\$200
*1	MacKenzie Scholarship, of.....	100
†1	Bruce Scholarship of \$85, tenable for three years.....	250

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 33-36).

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.

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

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

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

Two Howard Murray Bursaries in Classics will be awarded at the end of the first year. No Bursary will be awarded if the candidate already holds scholarships, or other emoluments for the ensuing academic year of \$300 or over.

Second Year Scholarships

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 \$300 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, 1948.

*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.

††As on page 34.

**See page 33.

††As on page 33.

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

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

The Jotham Blanchard Bursary.‡—This Bursary, being the interest of an endowment of \$1,000, founded by the New Glasgow Literary and Historical Society in memory of Jotham Blanchard, an honoured name in the annals of Pictou County, will be awarded biennially on the same academic conditions as the North British Society Centennial Bursary. It is tenable during two years, namely, during the third and fourth years of residence. The next award will be made in May, 1947.

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

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

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

The Marion S. Morrow Chapter I.O.D.E. Scholarship (English) awarded for 1945 and 1946 to a student, recommended by the Department, whose work in English is deserving of special recognition.

Third Year Scholarships

The Khaki University Scholarships.—From the Khaki University and Young Men's Christian Association Scholarship Fund, amounting to \$6,500, which was received from the trustees of the Khaki University, Scholarships of 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 I.O.D.E. Evangeline Chapter Scholarship in English.—Preference is given to students of the third year who are making English their principal subject of study.

The Hugh Geasme 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 scholarships in 1944-45 and 1945-46 to be awarded to a student, preferably in the third year, whose work is deserving of special recognition.

Third and Fourth Year Scholarships

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

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

The Archibald MacMechan Scholarship in English.—In 1929 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 1899 to 1932. When the desired capital sum is complete, it will be handed to the University as a permanent endowment of the scholarship. In the meantime, the Chapter is providing from a trust fund an annual scholarship of the present value of \$100.

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

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

Other Undergraduate Scholarships and Prizes

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

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

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

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

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

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

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

The Howard Murray Prize in Classics.—In 1941 the Department of Classics, through the Board of Governors of the University, received as a legacy from the late Professor Howard Murray, the Department's much beloved Head, the sum of \$12,857, a clause in his will reading as follows:

"I suggest to the said Governors that part of this fund be used to establish a prize of the annual value of \$250, to be known as the 'Howard Murray Prize in Classics'."

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

The Sarah M. Lawson Scholarship in Botany.—This scholarship of approximately \$350 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 Henry Offman Bursary.—Through the generosity of Mr. Henry Offman a bursary of \$50 per annum is offered in the Faculty of Arts and Science for the sessions 1945-46, 1946-47, and 1947-48, the award to be made on the recommendation of the Committee on Studies to a deserving student of approved academic ability.

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, and John Stewart.

Graduation Prizes

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

The Governor-General's Gold Medal, offered by His Excellency the Governor-General of the Dominion of Canada, will be awarded to the student who stands first among those taking High Honours in the Department of Classics. In the event of its not being awarded in this Department, it may be awarded in the Department of Latin and English, or in that of Greek and English, or in some other department, or to the student who stands highest among those graduating with Distinction, provided always that the standard attained is, in the opinion of the Faculty, sufficiently high.

The Avery Prize.—This prize, being the interest of the sum of \$500 bequeathed for this purpose by J. F. Avery, M.D., will be awarded on graduation to the student standing highest among those graduating with Distinction.

The Sir William Young Gold Medal, founded by bequest of the late Sir William Young, will be awarded on graduation to the student who stands first among those taking High Honours in Mathematics.

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

The 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 French Government Medal.—This Medal is offered by the French Government (1938) through the Halifax Branch of the Alliance Française to the student who has shown the greatest proficiency in the study of French during the last three years of his or her course.

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.

Musshak Memorial Essay Prize.—From the interest on a bequest of \$1,000 provided by the will of the late Mr. William Musshak 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. Forbes 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, in the Overseas Dominions, or in the United States, but not in the country of their origin. This privilege of taking the work of the third year away from Oxford is, however, granted only in exceptional circumstances.

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

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

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

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

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

1. Literary and scholastic attainments;
2. Qualities of manhood, truth, courage, devotion to duty, sympathy, kindness, unselfishness and fellowship;
3. Exhibition of moral force of character and of instincts to lead and to take an interest in his subordinates;
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 10.

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

1891 Exhibition Science Research Scholarships.—These Scholarships of the value of £275 sterling a year, are tenable for two, or, in rare instances, three years. Additional allowances may be granted in certain cases. They are open to students who are British subjects. A candidate must have been a student of science in a University for a period of not less than three years and must have spent one full academic year ending not more than twelve months prior to the date of recommendation at the University by which he is recommended. Candidates must have shown evidence of capacity for original research. The Scholarships are tenable at any university or other institution approved by the Commissioners. For particulars address the President.

OPEN TO GRADUATES

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

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 Krieger, 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 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 1946-47 to graduates of Dalhousie or any other Canadian University for graduate study in the field of Public Administration.

Daughters of the Empire Post-Graduate Scholarship (Overseas).—This Scholarship was founded by the Imperial Order Daughters of the Empire, as part of the war memorial of the Order. Nine are offered annually—one for each Province. They are of the value of \$1,400 and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial history, the economics and government of the Empire and Dominion, or any subject vital to the interests of the Empire." A candidate must hold a degree from a recognized University or degree-granting College in Canada, and must have done, or be doing, post-graduate work. For further information apply to the Head Office of the Order for Canada, 182 Lavelle Ave., Toronto 4, Ont., or to the Provincial Educational Secretary, 233 Hollis Street, Halifax, N. S.

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

A candidate shall be entitled to apply in the province in which the University from which he or she graduates is situated, irrespective of his or her place of residence in Canada. Candidates living in Prince Edward Island must apply for the scholarship in that Province, but they may attend a university anywhere in Canada.

National Research Council Scholarships.—Bursaries of the value of \$350 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.

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, 1946.

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, 1946.

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 \$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
Additional annual fee charged to students from outside the British Empire entered in professional or pre-professional courses....	250.00

For Tuition

For each class other than a Commerce class, not involving work in laboratory or draughting-room.....	\$ 25.00
For Education I.....	27.00
For each Commerce class.....	35.00
**For each draughting-room class.....	35.00
**For laboratory classes in—Geology.....	35.00
“ “ “ “—Biology, Botany, Zoology.....	40.00
“ “ “ “—Physics, Chemistry.....	45.00
For course leading to Education Diploma.....	100.00
The inclusive tuition fee for students registered in Commerce for each year is.....	175.00
For students taking one of the regular Engineering courses the tuition fee, including laboratory fee, for the first year will be.....	180.00
For the second year the maximum inclusive fee will be.....	200.00
For the third year the maximum inclusive fee will be.....	225.00
For students taking the Fisheries Course the tuition fee will be.....	100.00
For course for M.A. or M.Sc. degree not involving laboratory work.....	75.00
Disse, involving laboratory work.....	100.00
For changing course of study after October 9.....	1.00

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

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

Up to and including October 9, a student may retire from a class for which he has paid, and his class fee will be refunded; but if he retire after that date, his fee will not be refunded, except as stated below:

If a student is compelled to withdraw from the University, or from a class, before December 1 through illness or for some other equally valid and accepted reason, one-half of his tuition

*Students who register only for the purpose of taking examinations are exempt from this fee.
**See Laboratory Deposits, p. 20.

fees will be refunded. If for like reasons he is compelled to withdraw between that date and February 1, he will be allowed to take his classes a second time at half rates.

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

For Examinations

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

Matriculation examinations at an outside centre (each).....	\$ 5.00
**Each Supplemental examination in Arts or Science.....	12.00
**Each Special examination in Arts or Science.....	12.00
Examination for the Degree of B.Mus., First Year.....	10.00
" " " " " " " Second and Third Years.....	15.00
" " " " " " " Fourth Year.....	20.00
" " " " " " " " " Diploma of L.Mus., First Year.....	10.00
" Second Year.....	15.00
Each Supplemental examination in Music.....	5.00
Examination for the degree of M.A. or M.Sc.....	15.00
Ditto, at an outside centre.....	30.00

For Certificates and Diplomas

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

*Certificate under the University seal.....	\$ 1.00
B.A., B.Sc., B.Com., B.Mus. Diplomas.....	10.00
B.Mus., Engineering, Education Diplomas.....	6.00
M.A. or M.Sc. Diplomas.....	25.00
Ad sanctos profusus diploma.....	10.00
Additional fee for any degree conferred in absentia at the Spring Convocation.....	10.00

See pages 19 to 21 for

Loan Funds.

Caution Deposit.

Laboratory Deposits.

Fee for support of Student Organizations.

See page 84 for

Education 3B, Travelling and living expenses.

**If a late application is accepted, an additional fee of \$2.00 per day (maximum \$5.00) must be paid. If application for refund of supplemental examination fees is not made within 30 days of the relative examination date, the fee will be forfeited.

*A Certificate of Honoring is issued on request without charge. Additional copies if required will be issued at a receipt of 50¢ per copy.

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

CLASSES OF INSTRUCTION

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

CLASSES OF INSTRUCTION

Biblical Literature

Rev. Elias Andrews

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

For reference: Sir Frederic Kenyon's *Story of the Bible*.

(The class and examination in Biblical Literature conducted by the Faculty of Divinity, King's College, are recognized as qualifying for a degree for those taking the affiliated course for Divinity.)

Biochemistry: see Chemistry

Biology

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

1. **General Biology.**—*Lect.*: Tu, Th, and S, at 9 a.m. *Lab.*: F, 2.30 to 5.30 p.m.; or S, 10 a.m. to 1 p.m. H. P. Bell, D. 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.**—(1947-48). *Lect.*: M, and W, at 2.30 p.m. *Lab.*: M, and W, 3.30 to 5.30 p.m. H. P. Bell.

Prerequisite.—Biology 1.

3. **Economic Plants, Their Structure and Use.**—(1946-47). *Lect.*: Tu, and Th, 2.30 to 3.30 p.m. *Lab.*: Tu, and Th, 3.30 to 5.30 p.m. H. P. Bell.

Prerequisite.—Biology 1.

4. **General Bacteriology.**—*Lect.*: Tu, and Th, 9 to 10 a.m. *Lab.*: Tu, and Th, 10 a.m. to 12 m.

Prerequisite.—Biology 1.

5. **Ecology and Physiology.**—*Lect.*: M, W, and F, 9 a.m. *Lab.*: M, 2.30 to 5.30 p.m. and field work during the autumn.

Prerequisite.—Biology 1 and Chemistry 1.

The effects of environment (climate, soil, temperature, moisture, cultivation, etc.) on the life processes and distribution of plants.

6. **The Flora of Nova Scotia.**—*Lect.*: Two hours per week before Christmas and three hours per week after Christmas. H. P. Bell.

Prerequisite.—Biology 1, and a pressed, mounted and identified collection of wild plants.

Students intending to enroll in this class should consult the instructor and arrange for the assistance they will need in their summer collecting.

8. **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.**—(1946-47). *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.**—(1947-48). *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.**—(1947-48). *Lect.*: Tu, and Th, at 9 a.m. *Lab.*: Tu, and Th, 10 a.m. to 12 m. F. R. Hayes.

Prerequisite.—Biology 1, Chemistry 1.

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

6. **Experimental Zoology.**—(1946-47). *Lect.*: Tu, and Th, at 9 a.m. *Lab.*: Tu, and Th, 10 a.m. to 12 m. F. R. Hayes.

Prerequisite.—Biology 1, Chemistry 1.

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

7. **General Histology and Technique.**—(1946-47). Ten hours per week. *Lect.*: S, at 9 a.m. *Lab.*: S, 10 a.m. to 1 p.m.; remaining periods to be arranged. D. Pelluet.

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

8. **Cytology.**—(1947-48). Lect.: Two hours per week. Lab.: Four hours per week. Lect.: C. C. Coffin. Lab.: D. Pellust.

Prerequisite.—Chemistry 4 and Zoology 7.

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

Biological Seminar

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

Summer Courses

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

Histology and Embryology

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

Physiology

Physiology 1 given in the Medical Faculty may, with the consent of the Department, be offered as an elective.

Anatomy

Anatomy 1A, 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 histology and statistical methods applied chiefly to morphological problems.

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

Chemistry

Professor C. C. Coffin (Head of Dept.)
Associate Professors W. J. Chute, M. R. Foran,
Instructors R. L. Funt, S. Sehring,
Demonstrators J. S. Davidge, R. M. McDonald,
Catherine Oldfield, Thora A. Reid.

1. **General Chemistry.**—Lect.: M., W. and F. at 9 a.m. Lab.: One afternoon per week. M. R. Foran.

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.

Text Book: *Brown's General Chemistry*.
Laboratory Text Book: *Brown and Laitinen: A Course in General Chemistry*.

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

Prerequisite.—Chemistry 1.

Text Books: *Brown and Laitinen: A Course in General Chemistry*. *Chapin and Steiner: Second Year College Chemistry*. *Welch: Intermediate Quantitative 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.

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

Prerequisite.—Chemistry 1.

Text Books: *Brown and Laitinen: A Course in General Chemistry*. *Chapin and Steiner: Second Year College Chemistry*. *Laitinen and Hildebrand: Reference Book of Inorganic Chemistry*. Supplementary texts to be announced.

The work of this class is that of Chemistry 2 plus three additional hours in the laboratory. It is designed for those who expect to continue with advanced classes in Chemistry.

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

Prerequisite.—Chemistry 1.

Text Books: *Wartshall: Text Book of Organic Chemistry*. *Adams and Johnson: Laboratory Experiments in Organic Chemistry*.

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

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

Books Recommended: *Getman and Daniels: Theoretical Chemistry*. *Daniels, Mathews and Williams: Experimental Physical Chemistry*. *Handbook of Chemistry and Physics*.

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

Prerequisite.—Chemistry 5.

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

7. **Quantitative Analysis.** M. R. Foran.
Prerequisite.—Chemistry 3.

Text Book: *Kobbold and Sandell: Textbook of Quantitative Inorganic Analysis*.

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

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

10. **Advanced Organic Chemistry.**—Two lectures and nine hours laboratory per week. W. J. Chute.

Prerequisite.—Chemistry 4 and 7.

Books Recommended: To be announced.

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

Biochemistry

The class Biochemistry 1A given in the Faculty of Arts and Science may, with the consent of the department involved, be offered as an elective. (See page 133).

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

Church History: see Divinity, History Classics

Professor and Head of Department..... A. K. Griffin,
Associate Professor..... R. E. D. Cattley,**
Assistant Professor..... C. A. Roebuck,**
Lecturers..... D. M. Shepherd, D. J. Coscher.

Greek

Elementary Greek.—*M. and P.* at 10 a.m., *Tu.* at 3.30 p.m., and *TA* at 2.30 p.m. R. E. D. Cattley.**

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

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

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

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

Prerequisite.—Matriculation Greek.

Larian: *Vera Historia*. Euripides: *Iphigenia in Tauris*. Greek Grammar. Greek Prose. Exercises in sight translation.

Books Recommended: Larian: *Vera Historia* (R. E. Vales, Ed.). Euripides: *Iphigenia in Tauris* (Jensen, Clarendon Press). North and Hillard: *Greek Prose Compositions* (Rivingtons, London). Goodwin-Guthrie: *Greek Grammar* (Oxford).

2. *M., W. and F.* at 9 a.m. R. E. D. Cattley.**

Prerequisite.—Greek I.

Xenophon: *Hellenica* (selected). Homer: *Odyssey IX, X, *XII*. Greek Grammar. Greek Prose Composition. Exercises in sight translation. Greek History.

Books Recommended: Xenophon, *Hellenica* (Philpotts and Jerram, Clarendon Press). Homer: *Odyssey IX-XII* (Froese and Bergman, Glencoe). G. W. Huxford: *Hellenic History*, revised by C. A. Robinson (Macmillan, New York). North and Hillard: *Greek Prose Compositions* (Rivingtons, London).

3. (1946-47). *M. and W.* of 12 m. C. A. Roebuck.**

Prerequisite.—Greek 2.

*For private reading by students seeking Distinction.
 **On leave.

Herodotus: *VI* (selected). **Thucydides:** Book *II* (selected). Euripides: *Medea*. Homer: *Iliad I, VI, *IX, *X*. Greek Prose.

Books Recommended: Herodotus, *VI* (J. Strachan, Macmillan). Thucydides (Marchant, Macmillan). Euripides: *Medea* (Burgfield, Macmillan). Homer: *Iliad*, Vol. I (Murray, Cambridge Univ. Press).

4. (1947-48). *M. and W.* at 12 m. C. A. Roebuck.**

Prerequisite.—Greek 2.

Plato: *Republic I; *Cratylus*. Aristophanes: *Clouds*. Homer: *Iliad, XXII, XXIV, *XXIII*. Demosthenes: *Philippic I, Olynthian III*. Greek Prose Composition. Exercises in sight translation.

Books Recommended: Plato: *Republic I* (Adams, Cambridge Univ. Press); *Cratylus* (Knox, Macmillan, Toronto). Homer: *Iliad*, Vol. II (Murray, Cambridge Univ. Press). Aristophanes: *Clouds* (Murray, Oxford Univ. Press). Demosthenes: *Philippic and Olynthian* (Stanley, Macmillan).

5. (1946-47). *Hours to be arranged.* A. K. Griffin.

Thucydides: Book *VI, VII*. **Aeschylus:** *Prometheus Bound; *Eumenides*. Aristophanes: *Frogs; *Knights*.

6. (1947-48). *Hours to be arranged.* A. K. Griffin.

Plato: *Republic II-IV*. Demosthenes: *De Corona*. Sophocles: *Antigone*. Theocritus: Selections. Homer: **Odyssey, V-VIII*.

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

7. **Plato:** *Republic V-X* (selected). Herodotus, *VII-IX*. Euripides: *Electra*.

8. Aristotle: *Poetics; Ethics* (selected). Aeschylus: *Agamemnon*. Pindar: *Odes* (selected). Lyric Poets (selected).

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 another hour to be determined after the class is formed. C. A. Roebuck.**

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

Text Book: Thompson, Tracy and Dugli: *Elemental Latin* (Clark, Ives & Co.). Other books will be announced at the beginning of the session.

*For private reading by students seeking Distinction.
 **On leave.

1. *Ta., Tã. and S. at 10 a.m.*

R. E. D. Cattley.**

Prerequisite.—Matriculation Latin.

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

Text Books: *A Latin Reader*, with an Introduction to Roman History (A. Petric, Oxford Univ. Press). *Allen and Greenough: New Latin Grammar* (Ginn). North and Hillard: *Latin Prose Composition* (Livington).2. *M., W. and F. at 11 a.m.*

A. K. Griffin.

Prerequisite.—Latin 1.

Livy: Book XXI. Catullus: Selections. Horace: *Odes* (selected). Vergil: *Aeneid VI*. Latin Grammar. Latin Prose. Exercises in sight translation.Text Books: *Livy: Book XXI* (Oxford Univ. Press). *Catullus* (Stimpson, Macmillan). *Horace: Odes and Epodes* (Smith, Ginn). *Vergil: Aeneid VI* (Page, Macmillan). *Allen and Greenough: New Latin Grammar* (Ginn). North and Hillard: *Latin Prose Composition* (Livington).3. (1946-47). *Ta. and Tã. at 11 a.m.*

R. E. D. Cattley.**

Prerequisite.—Latin 2.

Pliny: *Letters* (selected). Juvenal: *Satires* (selected). *Further Selections. Martial: *Epigrams* (selected). Latin Prose Composition. Exercises in sight translation.Text Books: *Pliny: Selected Letters* (Wentcot, Allen and Bacon, New York). *Juvenal: Satires* (Duff, Cambridge Univ. Press). *Over Hundred and Twenty Epigrams of Martial* (Wentcot, Allen and Bacon, Boston).4. (1947-48). *Ta. and Tã. at 11 a.m.*

R. E. D. Cattley.**

Prerequisite.—Latin 2.

Cicero: *In Caelium, In Verrem I*. Horace: *Satires and Epistles* (selected); *Further selections.Text Books: *Cicero: In Caelium, In Verrem I* (Holt and Co., Cambridge Univ. Press). *Horace: Satires and Epistles* (Morris, Amer. Book Co.).5. (1947-48). *Hours to be arranged.*

A. K. Griffin.

Cicero: *Letters* (selected); *Essays* (selected). Vergil: *Georgics IV*. Plautus: *Menecchmi*. Livy: *Book I*.6. (1946-47). *Hours to be arranged.*

A. K. Griffin.

Cicero: *Essays* (selected). Tacitus: *Annals I, II*. Terence: *Adelphi*. Petronius: *Cena Trimalchionis*. Virgil: *Ecloques*.7. Cicero: *de Officiis I*. Tacitus: *Annals III-V*. Horace: *Epistles; Ars Poetica*.8. Cicero: *Philippics II*. Quintilian: *Book X*. Ovid, Propertius and Tibullus (selections). Lucretius: *Two books*.

*For private reading by students seeking Distinction.

**On leave.

20. *Two hours a week; hours to be arranged.*Selections from Caesar: *Gaulic Wars*; Vergil: *Aeneid*; Ovid: *Metamorphoses*. Latin Prose Composition and sight translation. Lectures in Roman Private Life and Roman Government.

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

Text Books: *Caesar: De Bello Gallico* (Holtess, Oxford Univ. Press). *Vergil: P. Vergil Maro: Aeneid* (Edgewick, Cambridge Univ. Press). Other texts will be announced during the session.

Commerce

Professor R. S. Cusumung.
Professor of Accounting To Be Appointed.1. Accounting 1.—*M., W. at hour to be arranged.*2. Accounting 2.—*M., W. and F. at hour to be arranged.*3. Accounting 3.—*To be arranged at beginning of Session.*4. Industrial Organization 1.—*M., W. and F. at 11 a.m.*
Preliminary Reading: Robertson: *Control of Industry*.5. Industrial Organization 2.—*M., W. and F. at 2.30 p.m.*
Prerequisite.—Economics 1.
Study devoted mainly to the financial policy of corporations.6. Statistics.—*W. and F. at 12 a.m.*
Prerequisite.—Economics 1 and Mathematics 1.Text Book: *Cress and Patton: Economic Statistics*.7. Business Fluctuations.—(1946-47). *W. and F. at 2.30 p.m.*
Prerequisite.—Economics 1.Text Book: *Haberler: Prosperity and Depression*.

8. Law Class.—Class to be selected from the courses of instruction offered by the Faculty of Law.

The remaining compulsory and approved classes to be taken to complete the requirements for the degree of Bachelor of Commerce are given in other departments of the Faculty of Arts and Science. (See p. 36).

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 I.

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.

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

W. R. Maxwell.

1A. Principles of Economics.—(For students in Engineering).—M., W. and F. at 9 a.m.

L. Richter.

2. Modern Economic History.—W. and F. at 11 a.m. S. H. Prince
Prerequisite.—Economics 1.

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

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

3. Money, Banking and International Trade.—(1946-47). M., W. and F. at 9 a.m.

W. R. Maxwell.

Prerequisite.—Economics 1.

4. Labour Problems and Trusts.—(1947-48). W. and F. at 11 a.m.
S. H. Prince.

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

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

6. Economic Theory.—(1947-48). M. and W. at 11 a.m.
Prerequisite.—Economics 1. W. R. Maxwell.

7. Programmes of Social Reconstruction.—(1947-48). Tu. and Th. at 9 a.m. W. R. Maxwell.
Prerequisite.—Economics 1.

8. Problems of Economic Policy.—(1947-48). Tu. and Th. at 11 a.m. L. Richter.
Prerequisite.—Economics 1.

Problems of post-war reconstruction; government and business; planning under a system of free enterprise and under socialism; maintenance of full employment; the role of the cooperative movement.

Books Recommended: Lewis: *The Economic Consequences of the Second World War*. Scott and Brady: *Post-war Canada*. Lyons and associates: *Government and Economic Life*. Goodlife and Swainson: *The Common Interest in International Economic Organization*. Carr-Saunders: *The Cooperative Movement*.

9. Industrial Relations and Social Security.—(1946-47). Tu. and Th. at 11 a.m. L. Richter.

Prerequisite.—Economics 1.

Labour organization and labour legislation in Canada and the United States. History of the labour movement; structure and various types of labour organizations; union policies; collective bargaining; protective legislation; governmental mediation; investigation and arbitration in labour disputes.

Canadian and foreign plans for social security, legislation and employment stabilization.

Books Recommended: Lewis: *Economics of Labour Values*. *Labour Economics Slightly*. *Factor Policies and Industrial Management*. Mills and Montgomery: *Labour's Role and Social Insurance*. Sir William Beveridge: *Social Insurance and Allied Services*.

10. Public Finance.—(1946-47). Tu. and Th. at 10 a.m.

Prerequisite.—Economics 1.

W. R. Maxwell.

Sociology

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

1. Principles of Sociology.—M., W. and F. at 2:30 p.m.

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

Special reading the with assignments from works of Giddings, Cooley, Ellwood, Sumner, Ross, Bogardus Ogden, Lumsby and others.

2. The Modern Community.—(1947-48). 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) Malignantisms and Problems.

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

Reference Books: Wright: *Population*. Towner: *Social Problems* (Revised Ed.). Davis: *Problems of City Life*. Sorokin and Zimmerman: *Rural Urban Sociology*. Fairchild: *Immigration*.

Also topical bibliography supplied in class.

3. Social Institutions.—(1946-47). M. and W. of 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: Hertzler: *Social Institutions*. Selder: *Social Institutions, Origins, Growth and Interaction*. Ginsberg, Hollibaugh and Wheeler: *Social Institutions of the Nonjude Peoples*. Muller-Lyer: *History of Social Development*.

4. Social Legislation.—(1946-47). Tu. and Th. at 2.30 p.m.
Prerequisite.—Sociology I or Economics I.

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

Text Books: Collier: *Principles of Social Legislation*. Jeebs: *Governmental Action for Social Welfare*. Kelso: *Salaries of Public Welfare*. Strong: *Public Welfare Administration in Canada*. Soper: *Social Insurance*. Lippman: *Public Opinion*. Stewart: *Canadian Labour Law*.
Singer: *Social Insurance*. Lippman: *Public Opinion*. Stewart: *Canadian Labour Law*.
Reference Books: Elbert: *Mechanics of Law-making*. *Statistical Abstract of Canada*.

Anthropology

5. Anthropology.—(1947-48). M. and W. of 12 m.
Prerequisite.—Sociology I or Economics I.

Text Books: Silber: *Physical Anthropology*. Kroeber: *Anthropology*. Washel: *Introduction to Social Anthropology*.

Reference Books: Kroeber and Wootman: *Source Book of Anthropology*. Loomis: *Primitive Society*. Towner: *Social Origins*. Goldsworthy: *Early Civilization*.

6. Social Theory.—(1946-47). Hours to be arranged.
Prerequisite.—Sociology I.

Text Book: Lichtemberger: *Development of Social Theory*.

Additional readings prescribed from Giddings, Brield, Bogardus, Barrow 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 Social Work should, if possible, include in their undergraduate programme a year's work in Political Science, Psychology, Economics and Sociology as well as one or more second courses in the two latter fields. It is also recommended that students shall have completed a year's work in Biology. It is desirable that they possess a reading knowledge of French. Students who have those classes may complete the requirements for a Diploma at the Maritime School of Social Work in less than the normal two-year period of graduate study.

Education

Professor..... A. S. Mowat.

All Education courses, except Education 1, are largely professional in content, and registration in all but Education 1 is restricted to candidates for the Diploma in Education.

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

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

Text Books: A. G. and G. H. Hughes: *Learning and Teaching*. Report of the Survey Committee of the C. S. E. A.

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

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

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

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

A study of modern school systems in selected countries.

Books of Reference: I. K. Kanold: *Comparative Education*, P. Smedley: *Comparative Education*. *The Year Book of Education* (Various).

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

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

Text Book: W. McDougall: *The Energies of Man*.

Books of Reference: H. E. Garrett: *Great Experiments in Psychology*. Cyril Burt: *The Young Delinquent*. Cyril Burt: *The Delinquent Child*.

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

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

Part of the course will consist of a period of observation and practice teaching in the public schools in Halifax. Each candidate for the Diploma 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 \$10 is payable at registration.

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

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

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

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

Text Book: M. V. Marshall: *An Introduction to Tests and Testing*.
Books of Reference: H. E. Garrett: *Statistics in Education and Psychology*. Green, Jaeger and Gerstlich: *Measurement and Evaluation in the Elementary (and Secondary) School*.

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

B. A. Ralston.

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. Theakston (Head of Dept.).
Associate Professor.....	W. H. Bowen.
Assistant Professor.....	
Instructor.....	C. H. Smith

Drawing

1. Engineering Drawing.—Lect.: Tu. and Th. at 9 a.m. Lab.: Tu. and Th., 2.30 to 5.30 p.m. H. R. Theakston.

This class may be offered as an elective for students proceeding to the degree of Bachelor of Science. Students intending to specialize in Science are strongly advised by the department to elect this subject, and to take it preferably during the first, but in no case later than the second, year of their course.

Text Book: French: *Engineering Drawing*.

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

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

Text Book: Smith: *Practical Descriptive Geometry*.

3. Advanced Engineering Drawing.—Th., 2.30 to 5.30 p.m.

H. R. Theakston, W. H. Bowen.

Prerequisite.—Drawing 1 and 2.

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

Mechanics

2. Advanced.—W. and F. at 9 a.m.

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: Searby & Ensign: *A Physical Mechanics for Engineers*.

3. Graphical Statics.—Lect.: M. at 9 a.m. Lab.: M., 2.30 to 5.30 p.m.

Prerequisite.—Drawing 1.

Text Book: Malvern: *Graphical Statics*.

4. Mechanics of Machines.—Lect.: M. at 11 a.m. Lab.: M., 12 m. to 1 p.m., W., 11 a.m. to 1 p.m. W. H. Bowen.

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

Text Book: Giffels: *Kinematics of Machines*.

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

Text Book: Mills: *Materials of Construction*.

Surveying

1. Elementary.—Tu. at 10 a.m. One lecture per week to first year students in preparation for the Surveying Camp. W. H. Bowen.

Prerequisite.—Matriculation Mathematics.

Text Book: Reed and Hooper: *Elementary Surveying*.

2. Lect.: S. at 10 a.m. Lab.: Tu., 2.30 to 5.30 p.m. W. H. Bowen.

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

Surveying Field Work. About three weeks immediately preceding the opening of the seasonal lectures. This part of Surveying 2 is carried on in a united Surveying Camp, conducted under the auspices of the Nova Scotia Technical College in the grounds of the Agricultural College, Truro.

Text Book: Reed and Hooper: *Elementary Surveying*.

Mathematics 1 Problems.—Th. at 10 a.m., S. at 9 a.m. W. H. Bowen.

English Language and Literature

Professor..... C. L. Bennet (Head of Dept.)
Associate Professors..... Burns Martin

English I and 1A.—M., W., and P., at 12 m. Burns Martin.

Prerequisite.—Matriculation English.

Only one of English I and 1A may be counted as first year English for a degree. Both may be counted towards the Engineering Diploma.

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

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

Text Books: *College Survey of English Literature; Language in Action; The Meaning in Reading* (with Exercises and Tests).

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

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

Text Books: To be announced.

In this class all students will be required to show that they have read the following novels: Halliburton: *Sam Slick* (ed. Baker); Wharton: *Ethan Frome*; Hardy: *The Return of the Native*; Butler: *The Way of All Flesh*.

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

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

Text Books: *Hamlet*; *Coling Shakespeare (Plays and Commentary)*; *Milton: Selections* (ed. Handford); *The Pocket Bible*.

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

For Distinction: *A Midsummer Night's Dream*; *King Henry IV, Part I*; *King Lear*; *The Tempest*. An essay to be assigned by the instructor.

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

Reference book for class-corrections: *Forster and Swanson: 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: Reade: *The Cloister and the Hearth*; or, George Eliot: *Romola*.

3. **Middle English.**—(1946-47). Hours to be arranged.

Prerequisite.—English 2.

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

Texts: *Chaucer* (ed. Robinson); *Five Plays* (B. Text; ed. Skeat); Selected readings from assigned Middle English texts.

4. **Nineteenth Century Literature.**—(1946-47). Tu. and Th. at 11 a.m.

Prerequisite.—English 2.

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

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

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

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

5. **Nineteenth Century Literature.**—(1947-48). Tu. and Th. at 11 a.m. C. L. Bennet.

Prerequisite.—English 2.

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

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

Reference Books: *Nineteenth Century History of Nineteenth Century Literature*; *Characteristics: Victorian Literature*; *Elton: Survey of English Literature*, 1939-1940.

For Distinction, as in English 4.

6. **Old English.**—(1947-48). Hours to be arranged.

Prerequisite.—German I, or the equivalent.

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 translations from each text.

7. **Elizabethan Drama.**—(1946-47). M. and W. at 9 a.m. Burns Martin.

Prerequisite.—English 2.

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

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

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

8. **Canadian and American Literature.**—(1947-48). Tu. and Th. at 9 a.m. Burns Martin.

Prerequisite.—English 2.

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

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

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

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

9. **Drama.**—(Not given in 1946-47). Tu. and Th. at 11 a.m. C. L. Bennet.

Prerequisite.—English 2.

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

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

10. **Advanced English Composition.**—(Not given unless a sufficient number of qualified students shall apply.)

11. **Modern Poetry.**—(1946-47). *M.* and *W.* at 11 a.m.

Prerequisite.—English 2.

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

Texts: *Contemporary Modern British and Modern American Poetry* (one-volume ed.). Sanders and Nelson; *Chief Modern Poets of England and America*.

12. **The History, Theory and Methods of Literary Criticism.**—(1946-47). *Hours to be arranged.* C. L. Bonnet.

Prerequisite.—English 2.

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

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

Texts: *English Critical Essays.* "World's Classics," 246, 266, 605.

13. **The History of the English Language.**—(1947-48). *M.* and *W.* at 11 a.m.

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 License issued by the Department of Education of the Province of Nova Scotia.

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

For Reference: To be assigned.

14. **Poetry and Prose of the English Renaissance.**—(1947-48). *M.* and *W.* at 9 a.m.

Prerequisite.—English 2.

Text Books: *The Oxford Book of Sixteenth Century Verse.* *The Oxford Book of Seventeenth Century Verse.*

15. **English Literature in the Eighteenth Century.**—(1946-47). *Tu.* and *Th.* at 9 a.m.

Text Books: *Shepard and Wood: English Prose and Poetry, 1660-1800* (Houghton, Mifflin). Burns Martin.

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

16. **The English Novel since 1800.** (Not given in 1946-47). *M.* and *W.* at 4.30 p.m.

Burns Martin.

Students intending to take this course must see the Instructor, during the preceding spring. At least one-half of the novels must be read during the summer. The class is purely a discussion group.

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: *Gardner: Introduction to Old Norse.*

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

Burns Martin.

20. Types of Literature.

Prerequisite.—English 2.

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

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. Vilbert Douglas.
Special Lecturer..... Alan E. Cameron.
Student Assistant.....

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

2. **Mineralogy.**—*Lect.* *Th.* at 10 a.m. and another hour. *Lab.* *M.*, *Tu.* and *Th.* 2.30 to 3.30 p.m.; at least two periods.

Prerequisite.—Geology 1.

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

Prerequisite.—Geology 1 and 2.

4. **Ore-deposits.**—*Colloquium:* *Th.* 2.30 to 5.30 p.m.

Prerequisite.—Geology 1.

Senior Classes

5. **Field Geology.**—*Conference:* *M.*, p.m. *Lab.:* *Th.*, a.m. and p.m.
Prerequisite.—Geology 1, 2 and 3.

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

7. **Special Problems.**—Hours to be arranged.
Prerequisite.—Geology 1, 2, 3, 4, 5 and 6.
8. **Experimental Geology.**—Hours to be arranged.
Prerequisite.—Geology 1.
9. **Metallurgy and Geology.**—Hours to be arranged. Alan E. Cameron.

German: see Modern Languages

Greek: see Classics, Divinity

Hebrew: see Divinity

Histology: see Biology

History

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

1. **History of Europe since the Fall of the Roman Empire.**—*M., W. and F. at 9 a.m.* G. E. Wilson.
Prerequisite.—Matriculation History.
2. **Ancient History.**—(1947-48, and in alternate years). *M., W. and F. at 10 a.m.* C. A. Roebuck.
Prerequisite.—History 1.
3. **Modern England.**—(1946-47, and in alternate years). *M., W. and F. at 10 a.m.* A. S. Walker.
Prerequisite.—History 1.
4. **History of Europe since 1815.**—(1946-47, 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.**—(1947-48, 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. Rose: *The Life of Napoleon I*.

6. **England under the Tudors.**—(1947-48, and in alternate years). *M. and W. at 2.30 p.m.* A. S. Walker.
Prerequisite.—Two classes in History.

7. **The Fourteenth Century.**—(1946-47, and in alternate years). *M. and W. at 2.30 p.m.* A. S. Walker.
Prerequisite.—Two classes in History.

8. **History of Canada to 1837.**—(1947-48, and in alternate years). *Tu. and Th. at 10 a.m.* D. C. Harvey.
Prerequisite.—History 1.

9. **History of Canada since 1837.**—(1946-47, and in alternate years). *Tu. and Th. at 10 a.m.* G. E. Wilson.
Prerequisite.—History 1.

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

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

Prerequisite.—History 8 or 9.

11. **History of the United States to 1865.**—(1946-47). *M., W. and F. at 10 a.m.* G. E. Wilson.
Prerequisite.—History 1.

12. **History of the United States since 1865.**—(1947-48). *M., W. and F. at 10 a.m.* G. E. Wilson.
Prerequisite.—History 1.

13. **History of the Early Aegean: Its Art and Civilization.**—(1946-47). Hours to be arranged.

This course is an introduction to the study of the material remains of Greek civilization and the methods of archaeology. The development of Minoan and Greek architecture, painting and sculpture will be traced and their importance as an aid to the understanding of the culture of the period emphasized.

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

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

Church History: see Divinity

Latin: see Classics

LAW

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

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

Mathematical Physics: see Physics

Mathematics

Professor.....
Associate Professor..... J. G. Adshod, Charles Walmsey.
Special Lecturer..... J. A. Hebb.

1. **Elementary Mathematical Analysis.**—(1) *M*, *W*, and *F*, at 10 a.m.; (2) and (5) *M*, *W*, and *F*, at 11 a.m.; (4) and (5) *Tu*, *Th*, and *S*, at 10 a.m.; (6) *Tu*, *Th*, and *S*, at 11 a.m.

J. G. Adshod, C. Walmsey, J. A. Hebb.

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 Books: *Memorized Note*.

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. Walmsey.

Prerequisite.—Mathematics 1.

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

Text Books: Grassie, Smith and Loney; *Differential and Integral Calculus* (1941), Chapters I-XV.

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

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: Grassie, Smith and Loney; *Differential and Integral Calculus* (1941), Chapters XVI-XXII. Walmsey; *Mathematical Analysis*.

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

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: Grassie, Smith and Loney; *Differential and Integral Calculus*, Chapter Advanced Calculus, Surfaces and Volumes; *Rigid Mathematics*.

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

Prerequisite.—Mathematics 2.

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

Text Books: Grassie, Smith and Loney; *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 prerequisite. Each class meets two hours per week, at times to be arranged.

5. **Theory of Functions of a Complex Variable.**—(1946-47).

C. Walmsey.

Conformal representation, conjugate functions, Laplace's equation in two dimensions, Cauchy's theorem on contour integration, theory of residues, singularities, expansions of functions, elements of the theory of doubly periodic functions, multiform functions.

Text Books: Titchmarsh; *Theory of Functions*. Goursat; *Cours d'Analyse*, 4. J. Knopp; *Funktionentheorie*. MacRobert; *Functions of a Complex Variable*. Works by Osgood, Peard, Carathéodory, Whittaker and Watson, Porcup and others.

6. **Projective Geometry.**—(1946-47). J. G. Adshod.

Text Books: Grassie; *Introduction to Higher Geometry*. Books by Young, Ylvisaker and Young.

7. **Theory of Functions of a Real Variable.**—(1947-48).

C. Walmsey.

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

Text Books: Titchmarsh; *Theory of Functions*. Knopp; *Unendliche Reihen*. Hardy and Egozinski; *Fourier Series*. Tenti; *Series Tripartite*. Fort; *Intégrale Série*. Works by Halmos, Borel, Zygmund, Lebesgue, Saks, Townsend and others.

12. **Differential Equations.**—(1947-48). J. G. Adshod.

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

Text Books: Ince; *Ordinary Differential Equations*. Poincaré; *Linear Differential Equations*. Appell; *Differential Equations*. Poincaré; *Differential Equations*. Bateman; *Differential Equations*. MacRobert; *Spherical Harmonics*. Halmos; *Spherical and Ellipsoidal Harmonics*. Gray and Mathews; *Treatise on Bessel Functions*.

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

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

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

9. **Selected topics in Modern Analysis.**

10. **Non-Euclidean Geometry.**

Seminar.—F. at 3.30 p.m., or these 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: 800 Engineering

Medicine

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

Modern Languages

Professor.....Lethar Richter.
Associate Professors.....C. H. Mercer, Germaine Lafaille.
Lecturer.....
Special Lecturer.....Johanna Richter.

French

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

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

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

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

Text Books: To be assigned.

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. C. H. Mercer.

Prerequisite.—Matriculation French.

Text Books: *Travels* (Copp Clark), *Travels* (Clarke, Irwin), *Intersect: Intersect Reading* (Copp Clark), *Barton: Standard French Reading* (Heath), *Linguistique Constructional Course*, *Demons: First année de la cinquième française* (Heath), *Dumb: Modern French Grammar* (Heath), required for entrance.

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 1.

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. G. Lafaille.

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.

4. History of French Thought and Literature in the XIXth century.—W. and F. at 9 a.m. G. Lafaille.

6. General Survey of French 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.

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

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

N.B.—French 3, 4, 6 will be conducted entirely in French. French 2 will be partly in English, partly in French.

German

German A.—(1) M., W. and F. at 11 a.m.; (2) Tu., Th., S. at 10 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 credit towards a degree.

German 1.—M., W., and F. at 3.30 p.m. J. Richter.

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. General Introduction to German Literature.—Tu., Th. and S. at 9 a.m. or at hours to be arranged. J. Richter.

Prerequisite.—German A or 1.

This course is meant to develop facility in reading, writing and speaking German; it will be partly conducted in German. A reading list will be issued.

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

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

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

4. **Conversation and Composition.**—(1947-48). *Hours to be arranged.* J. Richter.

Prerequisite.—German 2, or equivalent.

This course should be taken by students who wish to develop ability to speak German and to understand the spoken word. Texts of progressive difficulty will be read and essays will be written. This course is also recommended to students planning to take later advanced work in German.

A reading list will be issued.

5. **German Literature in the XVIIIth Century.**—(1946-47). *Hours to be arranged.* J. Richter.

Prerequisite.—German 2, or equivalent.

Poetry, prose and drama will be read. Among the dramas there will be Lessing: *Nathan der Weise*, Goethe: *Faust I*, Schiller: *Wallenstein*.

Supplementary reading for Distinction will be arranged individually.

6. **German Literature in the XIXth Century.**—(1947-48). *Hours to be arranged.* J. Richter.

Prerequisite.—German 2, or equivalent.

Of the dramatists of that period Kleist and Hebbel will be read, and of the novelists and writers, Eichendorff, Gottfried Keller, Conrad Ferdinand Meyer, Storm and Rilke.

Text Books as in German 5.

Supplementary Reading for Distinction will be arranged individually.

7. **German Contemporary Prose.**—(1947-48). *Hours to be arranged.* J. Richter.

Prerequisite.—German 2, or equivalent.

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

Supplementary Reading for Distinction will be arranged individually.

8. **German Medieval Literature.**—(1948-49). *Hours to be arranged.* J. Richter.

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

Prerequisite.—German 2, or equivalent.

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

Russian

Elementary Russian.—M., W. and F. at 4.30 p.m. and another hour to be decided. 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: Semenov: *A New Russian Grammar, A First Russian Reader* (J. M. Dent & Sons, London, and E. P. Dutton & Co. New York).

Russian I.—Three hours a week, about 6 to be arranged.

Prerequisite.—Elementary Russian.

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

Text Books: Semenov: *A New Russian Grammar*, (J. M. Dent & Sons, London, and E. P. Dutton & Co., New York); G. J. Patrick: *An Elementary Russian Reader, An Advanced Russian Reader*, (Sir Isaac Pitman & Sons (Canada) Ltd.).

Spanish

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

Text Books: *Howe and Mayer: Short Spanish Grammar* (Ginn), *Forrester and Lohy: Famoso e Moderno* (Heath), *Castillo and Sparkman: Spanish Legends* (Heath), *Buenos Aires* (Heath), *Old Bats* (Heath).

Spanish 1A.—(1) M., W. and F. at 9 a.m. and a fourth hour to be arranged. (2) M., W. and F. at 10 a.m. and a fourth hour to be arranged. C. H. Mercer.

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

Text Books: The same as for Matriculation Spanish (Spanish A) with the addition of: *Boff and King: Spanish American Short Stories* (Macmillan) and *Zimpe* (Mexican weekly magazine).

1. *Hours to be arranged.*

C. H. Mercer.

Prerequisite.—Matriculation Spanish.

Text Books: *Hilly and Ford: Spanish Grammar for Colleges* (Heath), *Robles: Castilla Española* (Croft), *Taboada: Cuentos Alegre* (Croft), *Lasplancha Conversational Course*.

2. Tu., Th. and S. at 11 a.m.

C. H. Mercer.

Prerequisite.—Spanish 1A or 1.

Text Books: *Pittaro and Green: Spanish Course de Espanol*, *Cambar: Le Rosa Vieja* (Heath), *Adams: Popular Spanish Readings* (Croft), *Lasplancha Conversational Course*, *La Prensa* (Spanish newspaper).

3. (1946-47). W. and F. at 4.30 p.m.

C. H. Mercer.

Prerequisite.—Spanish 2.

Text Books: *Crawford: Un Viaje por España*, *Larín: Correspondencia Comercial* (Silver, Burdett), *Wilkins: An Outline of Modern Spanish Prose*, *Lasplancha Conversational Course*, *Spain*, *La Prensa* (Spanish newspaper).

4. (1947-48). W. and F. at 4.30 p.m.

C. H. Mercer.

Prerequisite.—Spanish 2.

Text Books: *Rieter: Libro de Famoso Castellano* (Heath), *Larín: Correspondencia Comercial* (Silver, Burdett), *Lundberg: Libro de Mor* (Croft), *Wilkins: An Outline of Spanish American* (Heath).

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

C. H. Merero.

Text Books: R. Menéndez Pidal: *Manual de gramática histórica española*. Poema de mio Cid. Clásicos castellanos. Madrid, 1934. Berros: *Metáfora de sacra sacra*. Clásicos castellanos. Madrid, 1933.

Additional for Distinction: C. H. Gonzalez: *An Introduction to Valgar Latin*. Old Spanish Readings (J. D. M. Ford).

Music

Lecturer..... Harry Dean.

Music 1.—Harmony and Analysis of Musical Form.

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

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

Philosophy

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

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

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

H. L. Stewart, F. H. Page.

Text Books: Logic: Craighead: *Introductory Logic*. Psychology: Munn: *Psychology*.

2. History of Greek Philosophy.—(1947-48). W. and F. at 3.30 p.m.

H. L. Stewart.

Prerequisite.—Philosophy 1.

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

3. Ethics.—(1947-48). Tu. and Th. at 11 a.m. H. L. Stewart.

Prerequisite.—Philosophy 1.

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

4. History of Moral Ideas.—(1946-47). Tu. and Th. at 11 a.m.

H. L. Stewart.

Prerequisite.—Philosophy 1.

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

5. Metaphysics.—(1946-47). Th. and S. at 10 a.m. H. L. Stewart.

Prerequisite.—Philosophy 1.

Text Book: Taylor: *Elements of Metaphysics*.

6. History of Philosophy from Bacon.—(1946-47). W. and F. at 3.30 p.m. H. L. Stewart.

Prerequisite.—Philosophy 1.

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

7. British Philosophy in the Nineteenth Century.—(1947-48). Th. and S. at 10 a.m. H. L. Stewart.

Prerequisite.—Philosophy 1.

8. Philosophic Ideas in Literature.—(1946-47). W. and F. at 2.30 p.m. H. L. Stewart.

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

Psychology

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

1. General Psychology.—See Philosophy 1.

2. Social Psychology.—(1947-48). M. and W. at 10 a.m.

Prerequisite.—Philosophy 1.

Text Books: *Handbook of Social Psychology*, ed. Marchioni. *Anatol: Differential Psychology*. Klineberg: *Social Psychology*. Murphy, Murphy and Newcomb: *Experimental Social Psychology* (Revised Edition).

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

Prerequisite.—Philosophy 1.

Text Books: Books: *Child Psychology*. Gesell: *Infancy and Human Growth*. *Handbook of Child Psychology*, ed. Marchioni, Sherry; *The First Two Years*, 3 Vols. Gesell and Ill: *Infant and Child in the Culture of To-day*.

4. Abnormal Psychology.—(1946-47). M. and W. at 10 a.m.

Prerequisite.—Philosophy 1.

Text Books: Minkov and Mittelman: *Principles of Abnormal Psychology*. Hollingworth: *Abnormal Psychology*. Devine and Shaffer: *Treatise of Abnormal Psychology*. Shaffer: *The Psychology of Adjustment*. McDougall: *Qualities of Abnormal Psychology*. Ellis: *Mental Hygiene, the Psychology of Personal Adjustment*.

5. Psychophysical Problems.—(1947-48). Tu. and Th. at 10 a.m.

Prerequisite.—Philosophy 1.

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

Books Recommended: McDougall: *Body and Mind*. Fechner: *Mind and its Place in Nature*. Russell: *Analysis of Matter*. Ellis: *Idea of the Soul*. Laird: *Problems of the Self*.

6. History of Psychology.—(1946-47). Tu. and Th. at 10 a.m.

Prerequisite.—Philosophy 1.

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

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

Physics

Professors	J. H. L. Johnston (Head of Dept.), H. L. Bronson.
Associate Professor	W. J. Archibald.
Lecturer	V. D. Crawford.
MacGregor Teaching Fellow	R. D. Halsey, A. D. MacDonald.
Demonstrators	A. G. Bailey, A. F. Dunn, M. A. Kiersted, R. M. Lislebeur, H. J. McLeellan, C. G. Moore.

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: Kinball: College Physics, 5th Edition.

2. **Mechanics, Hydrostatics, Heat, Light and Sound.**—Lect.: *M., W. and F.* at 10 a.m. Lab.: *F.,* 2.30 to 5.30 p.m., but other hours may be arranged.
J. H. L. Johnston.
Text Book: Kinball: College Physics, 5th Edition.

3. **Electricity and Magnetism.**—Lect.: *Tu. and Th.* at 9 a.m. Lab.: *W.,* 2.30 to 5.30 p.m.
J. H. L. Johnston.
Prerequisite.—Physics 1 or 2, and Mathematics 2, which may, however, be taken at the same time.

Text Book: Kinball: College Physics, 5th Edition. Brown: *Electricity and Magnetism.*

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

Prerequisite.—Physics 1 or 2 and Mathematics 2, which may, however, be taken at the same time.
Text Book: Valank: *Elements of Optics.* Hart: *An Introduction to Advanced Heat.*

5. **Physical Optics.**—Hours to be arranged. J. H. L. Johnston.

Prerequisite.—Mathematics 2, Physics 4.
Text Book: Jenkins and White: *Fundamentals of Physical Optics.* Schuster: *Physical Optics.*

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

Prerequisite.—Mathematics 2, Physics 3.
Text Book: Gilbert: *Electricity and Magnetism.*

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

Prerequisite.—Mathematics 2, Physics 4.
Text Book: Roberts: *Heat and Thermodynamics.* Lamb: *Kinetic Theory of Gases.* Zemansky: *Heat and Thermodynamics.*

11. **Advanced Practical.**—Six hours per week.
Prerequisite.—Physics 2 and 3.

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

12. **Research Course.**—At least ten hours per week.

The work will consist of new investigations conducted by students who show sufficient ability and are otherwise qualified to undertake it.

Seminar and Journal Club.—*Tu.* at 5 p.m.

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

Mathematical Physics

Professor..... G. H. Henderson.

13. **Modern Physics.**—Two hours lectures and one laboratory period.
Prerequisite.—Two classes in Physics.

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

14. **Mechanics.**
Prerequisite.—Mathematics 2 and Physics 2.

A general class in statics and dynamics applied to particles and rigid bodies, conducted chiefly by problem work.
Books Recommended: Lamb: *Statics, Dynamics.*

15. **Advanced Mechanics.**
Prerequisite.—Physics 14.

A continuation of the previous class.

16. **Introduction to Mathematical Physics.**
Prerequisite.—Mathematics 3 and Physics 6.

17. **Mathematical Physics.**
Prerequisite.—Physics 16.
Book Recommended: Slater and Frank: *Introduction to Theoretical Physics.*

18. **Quantum Theory.**
Prerequisite.—Physics 7 and 14.

19. **Advanced Electricity and Magnetism.**
Prerequisite.—Physics 16.
Book Recommended: Jones: *Electricity and Magnetism.*

Physiology: see Biology

Political Science

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

1. Government of the British Commonwealth.
M., W. and P. at 3.30 p.m. R. A. MacKay.

Books Recommended: No text will be prescribed but readings will be assigned from time to time from the following: *Our English Government and Politics*; *Theory of the Constitution*; *Journal: The Law and the Constitution*; *Cabinet Government*; *Keith: The Government of the British Empire*; *Introduction to Constitutional Law*; *Kennedy: Constitution of Canada*; *Wharton: The State of Westminster*; *Hansard: Journal of British Commonwealth Affairs*; *Problems of Nationality*; *Dunnell: The Development of Dominion Status, 1906-1936*.

2. International Relations and Problems.—*M., W. and P.* at 12 m.
R. A. MacKay.

Prerequisite.—Two of Political Science 1, Economics 1, History 1, 4.
Survey of international relations since 1914; foreign policies of the great powers; the British Commonwealth in world affairs; analysis of dynamic factors in international relations such as nationalism, industrialism, imperialism; experiments in international organization; problems of post-war organization.

3. Federal, Provincial and Municipal Government in Canada.—
(1947-48). *M. and W.* at 10 a.m. L. Richter.

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

Legal background, form and functions of the three governments and their inter-relations, with special reference to the Maritimes.

Books Recommended: *Chibin: Canadian Government and Politics*. Scott: *Canada Today*. Goldsberg: *Municipal Finance in Canada*.

4. Principles of Public Administration.—(1947-48). *Hours to be arranged.* L. Richter.

Prerequisite.—Political Science 1.

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

5. Modern Political Theory.—*M. and W.*, at 12 m. R. A. MacKay.

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

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

Honour and M.A. Courses

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

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

10. Introduction to Law and Legislation.

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

11. Constitutional and Administrative Law.

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

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

13. Problems of Canadian Government and Administration.—
Hours to be arranged. R. A. MacKay.

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

14. History of Political Theory.—*Hours to be arranged.* R. A. MacKay.

Given only if sufficient demand.

15. Problems of the British Commonwealth.—Seminar course.
Hours to be arranged. R. A. MacKay.

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

Psychology: see Philosophy

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, eleven members of the Bench and Bar of the Province have during the past year given their services as voluntary lecturers in various courses at the School and others have lectured on special topics.

The Law School occupies the first two floors of the north wing of the Forrest Building on Carleton Street. A new building was erected on the Stedley 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 15,000 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

A Bachelor of Arts of this University who has during his Arts Course taken the classes of the first year in Law may complete a subsequent Law course in the University in two years. Only four of such classes may be counted towards the Arts degree. See page 34.

Regulations of the Nova Scotia Barristers' Society

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

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

By a recent amendment to the 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. 16 *et seq.*

The University, in recognition of its responsibility to the public, and for its own reputation, reserves the right to terminate the attendance of any student at any time should it appear that he is unlikely to reach such a standard, in the judgment of the Senate, as would warrant his admission to the practice of Law. Fees cannot be refunded to students who have been dismissed for any cause.

Degree

The only degree conferred in the Faculty of Law is that of Bachelor of Laws (LL.B.).

Academic Year

The Academic Year consists of one session of two terms covering a period of about thirty-six weeks. The first term of the session of 1946-47 will begin on Tuesday, September 10, 1946, and end on Saturday, December 14, 1946. The second term of the session of 1946-47 will begin on Monday, January 6, 1947, and end on Tuesday, May 13, 1947. The last day on which students can register for the work of this session is Monday, September 16, at noon. Students are registered for the whole session only and not for one or other of the two terms.

Admission

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

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

Undergraduates in Arts.—An undergraduate in Arts looking forward to the study of Law may take any four of the classes of the first year of the Law course and have them count in place of three of the ten electives required for the degree of Bachelor of Arts (see p. 32). Such undergraduate should arrange his Arts course so as to take along with it the remaining subjects of the first year of the Law course and thus be able to complete this course in two more years. For this purpose he should consult the Registrar early in his Arts course.

Students who have Grade XII certificates and enter the Arts Faculty with credits are advised that they cannot in general expect to complete the combined courses in Arts and Law in less than six years.

Regular Undergraduates in Law.—The requirements for admission vary accordingly as the candidate does or does not hold the degree of Bachelor of Arts, Science or Commerce from a recognized College or University. In detail these requirements are as follows:

(1) Candidates for admission must have completed Matriculation and must also present satisfactory certificates of having attended and passed at some degree-granting College or University recognized by the Senate for the purpose at least ten regular classes of the course for the degree of Bachelor of Arts, comprising two classes in English, one class in Latin, one class in French or some other foreign language, one class in Mathe-

matics, one class in Political Science, one class in History, and any three classes to be chosen from the following:—Latin, French or some other foreign language, History, Logic and Psychology, Economics, Political Science, Accounting, a Science class, Surveying 2. (Students with credit in the Faculty of Arts for Grade XII or equivalent standing may be exempted from any of the foregoing classes, not exceeding five in number, for which they have received credit upon admission and the aforesaid number of ten classes may be reduced accordingly.) Students who have completed matriculation and have passed in all of the required classes above mentioned except one may, 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 (including Latin and a second foreign language), and five university classes, or the equivalent thereof on a Senior Matriculation certificate.

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

Students presenting themselves for the first time to register in the Faculty of Law must submit to the Registrar their diplomas or certificates to establish their qualifications and these must prove acceptable before the student can be registered. Students are consequently advised to mail such certificates to the Registrar or 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. 28).

Matriculation

For details of the requirements for Matriculation, see pp. 22-26.

Curriculum*

First Year.—

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

Second Year.—

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

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

Third Year.—

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

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

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

Detailed information regarding the classes included in these courses will be found under Classes of Instruction, p. 113 *et seq.*

In addition to the work given in the regular subjects of the curriculum, special lecture courses will be given by members of the Bench and Bar. Attendance at these courses will be required.

No student shall be allowed to take a class belonging to a year in advance of his own year without special permission from the Faculty.

No student shall be allowed to take classes in other faculties of the University, without special permission from the Faculty of Law.

*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.

Current Cases

The members of the Faculty and of the third year classes hold a weekly discussion of cases reported in the current issues of the law reports.

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 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 University Office, and must be accompanied by the proper fee.

Medals and Prizes

For Scholarships and Prizes open to all students of the University see pp. 64-66.

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 receives 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 \$30 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.

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 \$1,000, 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 \$500 as a Fund from which loans may be made to students registered in the Faculty of Law, upon terms contained in the regulations of the Society.

Fees

All fees and deposits are payable in advance, and until these are paid the student will neither receive credit for attendance upon any class, nor be admitted to any examination.

For Registration*

Payable by students taking only one class in the University (including Library Fee of \$5.00).....	\$ 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
Additional annual fee charged to students from outside the British Empire entered in professional or pre-professional courses....	250.00

For Tuition and Examinations

For each class attended, when taken singly.....	50.00
Payable by those taking the regular prescribed curriculum, each year	250.00
Students departing from the prescribed curriculum will be charged for each class singly; but the maximum charge for three years shall be	800.00
**For each 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 forfeited.

For Certificates and Diplomas

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

Certificate under the University seal.....	1.00
For L.L.B. diploma (payable before the Third Year or final examinations, and returnable in case of failure).....	20.00
Additional fee when a degree is conferred <i>in absentia</i> at the Spring Convocation.....	10.00

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 19 and 21 for Caution Deposit and Fee for support of Student Organizations.

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

CLASSES OF INSTRUCTION

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: Wright: *Case on Contracts*. Anson: *Contracts*. Pollock: *Contracts*. *Tyde on Contracts*. *Corpus Juris*.

History of English Law

Lecturer..... Moffatt Hancock.
 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 Maitland: *Sketch of English Legal History*. Maitland: *Constitutional History of England*. Pollock: *A Concise History of the Common Law*. Levy-Ullmann: *The English Legal Tradition*.

Property I

Lecturer..... Moffatt Hancock.
 Three lectures per week, both terms.
 The law of Titles and simple Conveyancing. The law relating to the Ownership of Chattels and to Bailments.
 Text Books: Cheshire: *Modern Real Property*. Anson: *Real Property*. Anson: *Titles*. Salmond: *Torts*. *Kubie Salmond*.

Crimes

Lecturer..... R. M. Foulding.
 Two lectures per week, both terms.
 The class includes a study of the substantive law of Crimes and also Criminal Procedure.
 Text Books: Tremear: *Canadian Criminal Code, Annotated*. *Crestbrook: Criminal Code of Canada*.

Torts

Lecturer..... V. C. MacDonald.
 Three lectures per week, both terms.
 The class includes a study of the general principles of the law of Torts and relevant legislation thereon.
 Text Books: Clute and MacDonald: *Case on the Law of Torts*. Salmond: *Torts*. Pollock: *Torts*. *Winfield: Torts*.

Equity I

Lecturer..... Moffatt Hancock.
 Two lectures per week, both terms.
 The class includes a study of the principles relating to Specific Performance, Injunctions, Mistake and Misrepresentation.
 Text Books: Smith and Read: *Case on Equity*. *Hastbury: Equity*.

Second Year

Property II

Lectures..... N. D. Murray, W. D. Outhit.
Three lectures per week, first term; two lectures per week, second term.
 The class will include a study of the law of Real Property, the Wills Act, Drafting and Interpretation of Wills, Law of Landlord and Tenant, and Conveyancing.

Bills and Notes

Lecturer..... J. B. Milner.
Two lectures per week, one term.
 The class includes a study of the Bank Act, the Bills of Exchange Act, and of the general principles of the law governing Negotiable Instruments.
Text Books: Bassett; *Bills*. Falconbridge; *Banking and Bills of Exchange*.

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; *Company Law*. Martin and Fraser; *Company Law*. Wignam; *Canadian Company Law*.

Sales

Lecturer..... V. C. MacDonald.
Three lectures per week, one term.
 The class includes a study of the law governing the Sale of Goods.
Text Books: Falconbridge; *Case on Sales*. Benjamin; *Sale*. Withmore; *Sale*.

Insurance

Lecturers..... F. H. M. Jones, Moffatt Hancock.
Two lectures per week, one term.
 The class includes a study of the law governing the different types of Insurances.

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: O'Leary; *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: Wright; *Cases on Agency*. Bowstead; *Agency*. Mechem; *Agency*. Pollock; *Partnership*.

Third Year

Constitutional Law

Lecturer..... V. C. MacDonald.
Two lectures per week, both terms.
 The class includes a general study of the principles of Constitutional Law applicable throughout the Empire, and a detailed study of the British North America Act and the principles peculiar to the Canadian Constitution.
Text Books: Clement; *Canadian Constitution*. Lefroy; *Short Treatise on Canadian Constitutional Law*. Tracy; *Law of the Constitution*. Keith; *Constitutional Law of the Dominion*. MacRae; *Casebook on Constitutional Law*.

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 Moore; *International Cases*. Hudson; *Case on International Law*.

Legislation

Lecturer..... J. B. Milner.
Two lectures per week, both terms.
Part I: Legislation. This includes a study of modern legislative problems, and the use made by courts of the principles of interpretation.
Part II: Administrative Law. This includes a study of the work of departments and commissions, and the methods whereby the courts control the exercise of statutory powers of rule-making and decision.
Text Book: Maxwell; *Statutes*; and selected statutes and readings.

Shipping

Lecturer..... F. D. Smith.
One lecture per week, both terms.
 The class includes a study of the law of Shipping and of Admiralty Practice.
Text Books: McLachlan; *Shipping*. Mayner; *Admiralty Law and Practice*. Marsden; *Collection of Sea*. Lowndes; *General Average*.

Conflict of Laws

Lecturer..... V. C. MacDonald.
Two lectures per week, both terms.
 The class includes a study of the leading principles of Private International Law.
Text Books: Falconbridge; *Cases on Conflict of Laws*. Cheshire; *Private International Law*.

Mortgages and Suretyship

Lecturer.....Moffatt Hancock.

Three lectures per week, one term.

The class includes a study of the law governing Mortgages of Real Estate, and also the Law of Suretyship.

Text Books: *Falconbridge: Law of Mortgages*. *Rowlatt: Principal and Surety*.

Equity II

Lecturer.....A. G. Cooper

Three lectures per week, one term.

The class includes a study of the law governing Trusts and Trustees.

Text Books: Smith: *Case on Trusts*. *Halsbury: Equity*.

Procedure II

Lecturer.....J. E. Rutledge.

Two lectures per week, both terms.

This course is a continuation of Procedure I. In both of these courses an attempt is made to give some training in the preparation of documents and the making of motions.

Evidence

Lecturer.....Mr. Justice Doull.

Two lectures per week, both terms.

The course includes a study of the law of Evidence generally and of the Dominion and Provincial legislation thereon.

Text Books: Wigmore: *Evidence*. Best: *Evidence*. *Phillips: Evidence*. *Cockle: Cases on Evidence*.

Taxation

Lecturer.....

One lecture per week, one term.

This course consists of a study of the Dominion Income Tax, Excess Profits and Succession Duty Acts.

Text Books: C. C. H. Tax Service. *Henton: Income Tax*. *Dymond: Death Duties*.

Notes—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* (Hallam edition); *The Canadian Abridgement*.

Special Lectures

Instruction will also be given by special lecturers on selected topics.

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 and Newfoundland are as follows:

Nova Scotia, Dr. H. L. Seammell, Halifax.
New Brunswick, Dr. J. M. Barry, Saint John.
Prince Edward Island, Dr. H. D. Johnson, Charlottetown.
Newfoundland, Dr. Cury 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.

Equipment and Facilities for Teaching.

The Medical Buildings

The department of Anatomy is housed in the Forrest Building. This department has recently been renovated, a museum and research facilities having been added. Histology and Embryology are also taught in the Forrest Building. The courses in Physiology, Pharmacology and Biochemistry are conducted in the Medical Sciences Building, a modern structure especially designed for teaching and research. The Maritime College of Pharmacy also conducts classes in this building. Through the courtesy of the Department of Health of the Province of Nova Scotia, the Pathological Institute is used for teaching Pathology, Bacteriology and Immunology. In 1924 the Dalhousie Public Health Clinic was established. The building was a gift to the University from the Rockefeller Foundation. The Clinic maintains a complete out-patient service and provides excellent facilities for the study of preventive medicine. The medical buildings are conveniently located in relation to one another, to the hospitals and to the new Medical and Dental Library.

The Laboratories

The laboratories of Anatomy, Histology and Embryology, Pharmacology, Physiology, Biochemistry, Pathology and Bacteriology are commodious and well lighted. They are well equipped for teaching purposes, and facilities are available for special work and research.

The Hospitals

The hospitals used for teaching are as follows: The Victoria General Hospital (243 beds), The Halifax Infirmary (275 beds and 60 bassinets), The Children's Hospital (120 beds), The City Tuberculosis Hospital (126 beds), The Grace Maternity Hospital (60 beds and 62 bassinets), and The Infectious Diseases Hospital (50 beds and 16 cribs). Camp Hill Military Hospital (783 beds), The Naval Hospital (350 beds), and Rockhead Hospital (120

beds). Instruction in mental diseases is given at the Nova Scotia Hospital, Dartmouth (500 beds). All of these hospitals are well equipped and provide ample clinical material for teaching purposes. The students attend out-patients at the Dalhousie Public Health Clinic, an institution which, with the Halifax Visiting Dispensary, gives free medical service to the indigent of Halifax. Attendance here is approximately 30,000 visits per year.

The final year is one of internship. In addition to the above mentioned hospitals the Faculty has approved the following for rotating internships: Camp Hill Military Hospital (783 beds), Nova Scotia Sanatorium, Kentville (370 beds), Aberdeen Hospital, New Glasgow (75 beds), St. Martha's Hospital, Antigonish (125 beds), Prince Edward Island Hospital, Charlottetown (110 beds), Saint John General Hospital, Saint John, N. B. (443 beds), the City Hospital, Sydney (65 beds), and St. Joseph's Hospital, Glace Bay (189 beds).

The Medical and Dental Library

In the spring of 1939 the new building for the Medical and Dental libraries was completed. This modern building was made possible through the gift of the Carnegie Corporation (\$30,000) "for library development," and through gifts received from the Honourable J. C. Tory, J. McG. Stewart, Esq., K.C., Dr. W. Inglis Morse, A. B. Wiswell, Esq., the Honourable W. H. Dennis, A. H. Buckley, Esq., Dr. John Cameron and Peter R. Jack, Esq. The library building is on the Forrest Campus convenient to the medical buildings and to the hospitals. It has a spacious reading room accommodating eighty readers. The system of open stacks is used. There is a collection of over 17,000 volumes and most of the medical periodicals of the world are subscribed for. It is in charge of a trained medical librarian.

During 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.

General University Regulations

University regulations applicable to the students of all Faculties and relating to registration, residence, church attendance, discipline, etc., will be found on p. 16 et seq.

Medical students must further observe the regulations of the hospitals relative to students and student internes, and any violation of such regulations will be dealt with in the same way as if a University regulation were violated.

The Faculty of Medicine, in recognition of its responsibility to the public, reserves the right to retire any student from the study of medicine at any time should it appear that he is unlikely to reach such a standard as would warrant his admission to the practice of medicine. Fees cannot be refunded to students who have been dismissed for any cause.

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

Affiliated Courses

There is an affiliated course of Arts or Science and Medicine, in which the classes of the first year in Medicine are accepted for the degree of Bachelor of Arts or Science. The details of the course are given on pp. 33 and 36.

There is a B.Sc. course open to medical students who show exceptional ability, which can be taken along with the regular medical course and completed at the end of the third year. This course, which is outlined to interest the student in medical research, requires the completion with high standing of the regular premedical course and, in addition, German 1 and 3, and Philosophy 1. In the first three years of medicine special courses of Laboratory Technique must be satisfactorily completed.

Academic Year

Except in the fifth year, the Academic Year consists of one session of eight months' duration. The session of 1946-47 will begin on Tuesday, September 10, 1946, (except in the fifth year, which begins immediately upon completion of the fourth year), and will end on Tuesday, May 13, 1946. Registration dates for the classes in the Faculty of Arts and Science preliminary to the Medical curriculum will be found in the University Almanac, p. vi.

Degree

The Degree conferred by the University is Doctor of Medicine and Master of Surgery (M.D., C.M.).

Admission and Grading

All persons who have satisfied the Entrance Requirements (p. 23) in Medicine are eligible for admission but the number of those who will be admitted in any one year is limited. Primary consideration is given to British subjects, especially residents of the Maritime Provinces and Newfoundland. Application must be made on a form to be obtained from the Registrar. Upon notice of acceptance to any class in the Medical School prospective students are required to deposit immediately with the Registrar the sum of \$25.00 towards fees.

For admission to any subsequent year an undergraduate must have passed the examinations required in all subjects of the preceding year, unless in exceptional cases special permission is given by the Faculty. Students who fail in the spring examinations may come up for supplemental examinations in the autumn under the following conditions:

(a) In the case of students of the first, second, third and fourth years, supplemental examinations will not be allowed in more than two subjects.

(b) In the final year supplemental examinations will be allowed but they are subject to the recommendation of the conjoint examiners and the approval of the Faculty.

(c) In the case of students of all years, those who fail to pass in all the subjects of their year at the spring examinations, or to pass at the next ensuing supplemental examination all subjects in which they may have been allowed examination, must repeat attendance on all the courses of the year before again coming up for examination, unless a different course is prescribed by the Faculty. Such students will be on probation until Christmas, and may be required to withdraw if their showing at that time is not satisfactory.

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

No person under sixteen years of age is admitted to any class.

Entrance Requirements

Full details of the requirements for Entrance will be found on pp. 22-26.

Curriculum*

The course for the degree of Doctor of Medicine and Master of Surgery extends over five years. Detailed information regarding the classes included in it will be found under "Classes of Instruction," p. 131 *et seq.*

The following division of the curriculum into years, and the corresponding examinations, will be followed as closely as possible, but some modifications may be found necessary.

First Year. Anatomy 1; Histology; Embryology; Physiology 1; Biochemistry 1; Psychobiology.

Second Year. Anatomy 2; Structural Neurology; Physiology 2; Biochemistry 2; Pathology 1; Bacteriology; Pharmacology; Physical Diagnosis; Psychiatry; Introduction to Clinical Medicine and Clinical Surgery.

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

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

Fifth Year. The fifth year, a period of twelve months, beginning immediately after the completion of the fourth year, is one of rotating internship, in hospitals approved by the Faculty of Medicine.

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

Regulations for Degrees

In addition to the Matriculation and premedical examinations, candidates for degrees are required to pass five Professional Examinations. The requirements in each subject are covered by the work of the class or classes in that subject specified under "Classes of Instruction" (p. 131 *et seq.*). In all examinations the marks obtained at sessional tests or at Christmas examinations will be considered in computing the marks allowed in each subject at the regular professional examinations. The examinations in the various subjects will be held within the dates set in the University Almanac, and as posted on the Notice Boards, and are arranged as follows:

First Professional Examination

One paper in each of the following subjects: Anatomy, Histology, Embryology, (oral and practical examinations during the session in these subjects), Psychobiology; one paper and an oral examination in each of Physiology and Biochemistry, (practical examinations during the session in these subjects.)

Second Professional Examination

One paper in each of Anatomy, Structural Neurology, Physiology, Biochemistry, Pathology and Bacteriology. Oral examinations are given in Anatomy, Physiology, Pathology, and Bacteriology. Practical examinations in all subjects are given during the session.

Third Professional Examination

A paper and oral in each of the following: Pathology and Pharmacology; orals during the term in Obstetrics and Gynecology; practical examinations during the term in Pathology and Laboratory Medicine; final oral examinations in Materia Medica. There are also written examinations in Laboratory Medicine, Surgery, Medicine, Obstetrics and Gynecology.

Fourth Professional Examination

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

tions 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 in all its departments and including Therapeutics; Surgery in all its departments and including Surgical Anatomy; Obstetrics and Gynaecology; also a practical clinical examination in each of Medicine, Surgery, and Obstetrics and Gynaecology. All these are conjoint examinations conducted by the University and the Provincial Medical Board of Nova Scotia.

Pass and Distinction Lists

The names of candidates successful in the examinations are arranged in the published lists in two divisions, the Pass and Distinction divisions. To pass, a candidate must obtain a minimum mark of 50 per cent in each subject; for Distinction he must obtain a mark of 75 per cent or over. The names in the Pass division of the list are arranged in alphabetical order; those in the Distinction list are in order of merit.

Admission to Examinations

Candidates for admission to Degree examinations must conform to the following requirements:

1. They must have satisfied the Entrance requirements (p. 23).
2. They must have attended the prescribed classes regularly and punctually. Certificates indicating less than 80 per cent of attendance upon any class will not in ordinary circumstances be accepted.
3. They must have prepared such exercises, reports, etc., as may have been prescribed, and, in the case of classes involving laboratory or practical work, they must have completed such work satisfactorily.
4. For admission to the examinations of the second or any higher year they must have passed the examinations of all previous years. (Except as stated on p. 121).

5. Candidates for the Final Professional examination will be required to subscribe to the following declaration with regard to their age:

Halifax, _____ 19__

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery do hereby declare that I have attained the age of twenty-one years (or, if the case be otherwise, that I shall have attained the age of twenty-one before the next graduation day).

(Signed) _____

They must also have fulfilled satisfactorily the following requirements:

- (1) Attendance as clinical clerks in the third and fourth years at the Victoria General Hospital, the Children's Hospital, the Halifax City Tuberculosis Hospital, the Halifax Infirmary, the Dalhousie Public Health Clinic and the City Home.
- (2) Attendance on at least 20 maternity cases and, in addition, the delivery under supervision of 10 cases. These cases do not necessarily have to be attended at the Grace Maternity Hospital, but may be attended at any hospital at which a student is an interne or on the out-patient service.
- (3) Attendance on the post-mortem examinations conducted at the Pathological Institute over a period of at least eight months, during which instruction shall have been received in the methods of making such examination and in framing reports; also on the weekly clinico-pathological conferences.
- (4) Submission of satisfactory reports on investigations of domiciliary and occupational conditions in relation to the illnesses of an assigned number of patients of the Public Health Clinic.
- (5) Attendance on a course of lectures on the relationship of dental conditions to medical practice and on an assigned number of clinics in dentistry.
- (6) Service for twelve months on rotating internship at hospitals approved by the Faculty of Medicine.
- (7) Compliance with University regulations pertaining to military training.

Supplemental Examinations

The conditions under which supplemental examinations are allowed are set forth under "Admission and Grading" (p.121).

Regular supplemental examinations are held in the autumn on the dates specified in the University Almanac, and during the regular Professional examinations in the spring, but at no other times.

Application for admission to a 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 University Office, and must be accompanied by the proper fee (p. 130).

Exemptions

Candidates may be exempted from attendance on one or more subjects of the first three years of the medical curriculum on presenting certificates,

- of having satisfied the requirements for admission to the Faculty of Medicine (see page 23); and
- of having attended and performed at any recognized medical school or college the equivalent of the work required at this University.

Candidates may be exempted from examination in one or more subjects of the first three Professional examinations on presenting, in addition to the certificates specified under (a) and (b) above, certificates of having passed equivalent examinations at any recognized medical school or college but every such candidate must take all the examinations of the year to which he is admitted.

Sponsio Academica

Before admission to his degree, a candidate shall be required to sign the following oath or affirmation:

In facultate Medicinæ Universitatis Dalhousianæ.

Ego, Doctoratus in Arte Medicæ titulo jam donandæ, sancto coram Deo serciurum serratore, spondeo:—me in omni grati animi officio erga Universitatem Dalhousianam ad extremum vitæ hâlitum perseveraturam, tum pœro Artes Medicas eunte et castè, et probeque exercitaturum et, quoad potero, omnia ad aegrotorum corporum salutem conducenda cum fide procuraturum quæ demum inter medicum vitæ vel salutis sleræ conveniat, non sine gravi causa vulgaturam. Ita presentis mihi spondeo adit Nomen.

Medals and Prizes

For Scholarships and Prizes open to all students of the University see pp. 64-67.

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.

The Doctor J. L. MacIsaac Memorial Award.—A prize of \$100, presented by St. Martha's Hospital, Antigonish, N. S., awarded each year to the interne showing the highest efficiency.

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 1945-46, 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 1945-46, 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. Frosst Bursary.—A bursary of \$250, contributed by the Charles E. Frosst 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.

Anonymous Prize.—A cash prize of \$25, from an anonymous donor, will be awarded to the student of the second year Anatomy class who has gained highest distinction in that class, the attainments of the student in Practical Anatomy to be chiefly considered; the Department of Anatomy having the right to set special tests before it recommends any student for the award.

The Professor John Cameron Prize in Anatomy.—This prize, the interest of an endowment of \$500, given by Dr. John Cameron, former Professor of Anatomy, will be awarded

to the student of the first year who makes the highest marks in Anatomy.

The Professor R. J. Bean Prize.—Awarded to the student who makes the highest aggregate in the first professional examinations in Histology and Embryology.

Fees

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

For Registration*

Payable by students taking only one class in the University (including Library Fee of \$5.00).....	\$ 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
Additional annual fee charged to students from outside the British Empire entered in professional or pre-professional courses.....	250.00

For Tuition

For each class (other than Practical Anatomy) attended, when taken singly.....	\$ 50.00
Practical Anatomy.....	55.00
Payable by those taking the regular prescribed curriculum each year.....	275.00

This includes tuition, hospitals, clinics, laboratory work and the regular sessional examinations; but does not include registration, caution and laboratory deposits and the fee for the support of student organizations.

No reduction will be made in the tuition fees payable by a student repeating the regular courses of any one year of the curriculum.

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason. If such withdrawal takes place previous to December 1 one-half of the annual tuition fee will be refunded and if between December 1 and February 1, the student will be allowed to repeat his year at one-half the usual tuition fee.

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

Microscopes

Previous to the war each student on registering for the first time in the Faculty of Medicine was required to provide himself with a microscope of a design and quality approved by the Faculty. Such instruments were

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

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 monies will be made after that period. Each student will be held responsible for all damage to the instrument rented to him, ordinary wear and tear 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, oral and rectal thermometers, haemocytometer, and hammer for eliciting reflexes. Two three-quarter length coats to be worn in the Hospital Wards are also required.

For Examinations

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

**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 under the University seal.....\$ 1.00
 For M.D., C.M. Diploma (payable before the fifth year or final examinations and returnable in case of failure).....20.00
 Diploma, payable by those attending less than 4 years.....40.00
 Additional fee when a degree is conferred in absentia at the Spring Convocation.....10.00

See pages 19 to 21 for

Loan Funds.

Caution Deposit.

Laboratory Deposits.

Fee for Support of Student Organizations.

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

**If application for refund of supplemental examination fees is not made within 30 days of the relative examination date, the fee will be forfeited.

CLASSES OF INSTRUCTION

I. Anatomy

Professor.....	Donald Mainland.
Associate Professor.....	R. L. deC. H. Saunders.
Instructor.....	S. G. Saunders.
Demonstrators.....	J. V. Graham (Applied Anatomy), Roberta Bond Nichols.

The course extends over the first two years, and comprises the study of the naked-eye anatomy of the living human body, aided by dissection, radiography, and fluoroscopy. Special emphasis is laid on functions, correlations with microscopic anatomy, accurate observation and description, and the correct evaluation of data. All information is selected with a view to its clinical value. The lecture-demonstrations by the Professor and Associate Professor are given when required to elucidate current difficulties.

Encouragement is given to senior students and graduates to return for review and research.

The regular courses are—

First Year.—General Anatomy, Upper Limb, Lower Limb, Abdomen and Thorax, with an introduction to the gross Anatomy of the Brain and Spinal Cord.

Time: Ten hours per week.

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

Time: Ten hours per week (seven hours after Christmas).

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

Text Books Required: Cunningham: *Manual of Practical Anatomy*, Mainland: *Anatomy as a Basis for Medical and Dental Practice*. (An Anatomy is an extension of pre-medical and general Biology, students are required to retain and use their Biology texts and notes).

Reference Books: Medical Dictionary.—Dorland or Stedman. *Atlas*.—Spohnholz; Grant, Text Books.—Cunningham; Morris Gray; Junken; *Companion to Manuals of Practical Anatomy*; Gray: *Method of Anatomy*; General Anatomy.—Le Gros Clark; *Form of the Body*; Child Growth and Development.—Wace House Conference *Artists*, Parts I and II; Radiological Anatomy.—Kochler; Barclay; *Dissective Treatise*; Apolton, *Handbook and Topographical Muscle Function*.—Wright; *Medical Research Council War Memorandum No. 11*; *Adv. in the Investigation of Fractured Neck of Femur*. Surgical Anatomy.—Bridley and Johnston; McGivray; Treves.

Anatomical Museum. This provides the undergraduate and graduate with clinically helpful dissections. Special exhibits for the departments of Dentistry, Otolaryngology, and Surgical Anatomy have been prepared.

Applied Anatomy.—See under Surgery.

Anatomy I A.—This course qualifies for an Arts or Science degree, but not for medical degrees. See under Faculty of Arts and Science—Biology.*

Histology and Embryology

Professor..... Raymond J. Bean.
 Assistant Professor..... Elizabeth S. Bean.

Histology.—This course consists essentially of laboratory work and is intended to meet the requirements of medical students of the first year. It deals with the minute structure of the tissues and organs of the human body, their development and primary functions.

Text Books: *Schaefer: Essentials of Histology*. *Pierce: Normal Histology (Addison)*. *Martman and Bloom: Histology*. *Bulter: 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.

A close relationship is maintained between Embryology and Histology, and the laboratory work in Embryology will occasionally be extended so as to include a portion of the time allotted to the course in Histology.

Text Book: *Aspy: Developmental Anatomy*.

Structural Neurology

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

This course is primarily for medical students of the second year. It consists of a series of lectures and demonstrations by the Professors of Anatomy and Histology on the gross anatomy and microscopic structure of the nervous system. Clinical lectures are conducted at the Dalhousie Public Health Clinic.

Text Books: *Ransom: Anatomy of the Nervous System*. *Kenneside: The Peripheral Nervous Pathways*. *Looney: Anatomy of the Brain and Spinal Cord*. *Kring: Functional Neuro-Anatomy (P. H. Raskin)*.

II. Physiology

Professor..... C. B. Weld.
 Assistant Professor..... Edgar C. Black.
 Student Demonstrator..... Jean Pratt Milner.

1. An elementary study of the mechanisms of the human body, including the functions of the nervous system, the senses, muscular activity, the blood, circulation, respiration, digestion and nutrition, excretion and the endocrines. The course is given in the first year, and consists of two lectures a week throughout the year and two laboratory periods a week during the second term.

1A. This course consists of the lectures of Physiology I with special laboratory work. It is given to the first year dental students and it may be taken as an elective by students in the Faculty of Arts and Science.

2. A detailed study of physiological mechanisms, and their modification under abnormal conditions. It consists of two lectures a week through-

out the second year and two laboratory periods a week during the first half of the year.

Text Books: *Physiology 1—Best and Taylor: The Living Body*. *Widdows: An Outline of General Physiology*. *Physiology 2—Best and Taylor: The Physiological Basis of Medical Practice*. *Lowitt Evans: Starling's Principles of Human Physiology*.

Reference Texts: *Harris: Experimental Physiology*. *White and Southwick: The Autonomic Nervous System*. *Fulton: Physiology of the Nervous System*. *Horgan: Physiological Problems—Langdon Brown and Wilson: Physiological Principles of Treatment*.

III. Biochemistry

Professor..... E. Gordon Young.
 Associate Professor..... H. H. Collier.
 Demonstrator..... Jean P. 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 of lectures with special laboratory work and is designed for students in the Faculty of Arts and Science.

2. A course of lectures and laboratory work given to students of the second year in the biochemistry of nutrition, digestion, metabolism and excretion in physiological and pathological aspects.

3. A course of lectures and laboratory work given to students in the Faculty of Dentistry, presenting briefly the whole field of Biochemistry.

Seminar.—Senior and graduate students must attend the Biological Seminar and participate in the presentation of papers on recent topics of research.

The Department shares in the course in Laboratory Medicine described on page 135.

Text Books: *Black and Baggio: Practice: Physiological Chemistry*. *Morrow and Sanderson: Biochemical Laboratory Methods*.

Reference Books: *Widdows: Physiological Chemistry*. *Gortner: Outline of Biochemistry*. *Botanby: Physiological Chemistry*.

IV. Pathology, Bacteriology and Parasitology

Professor..... Ralph P. Smith.
 Assistant Professor..... H. E. Taylor.
 Demonstrator in Pathology..... C. M. Harlow.

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 or Nile. Bacteriology: Mehl and Kliche. Practical Bacteriology: Mackie and McCartney. Parasitology: Boding. Clinical Diagnosis: Todd and Sanford, or Sitt.

V. 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 Sitt: Clinical Diagnosis.

Pharmacology

Associate Professor.....M. G. Williams (Head of Dept.)
Assistant Professor.....J. G. Aldous
Lecturer in Materia Medica.....G. S. Kinley

Pharmacology.—The course in Pharmacology for medical students consists of two lectures and one laboratory class per week for two terms; the second term of the second year and the first term of the third year.

A shorter course comprising one lecture and one laboratory period per week for one term is given to second year Dental students.

The department also gives instruction in Toxicology (g.v.) to 3rd year medical students.

Text Books: Thibaut: *Fundamentals of Pharmacology*. Dilling: *Pharmacology and Therapeutics*.

Reference Books: Goodman and Gilman: *The Pharmacological Basis of Therapeutics*. Solman: *Manual of Pharmacology*.

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

Text Books: English: *Pharmacopoeia Helvetica*. American Medical Association: *United Drug*.

VII. Physical Diagnosis

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

Text Books: Hutchinson and Hunter: *Clinical Methods*. Emerson: *Physical Diagnosis*. Cabot and Adams: *Differential Diagnosis*. Major: *Physical Diagnosis*.

VIII. Preventive Medicine

Professor.....H. G. Grant
Professor of Epidemiology and Housing Education.....C. R. Stewart
Assistant Professors.....P. S. Campbell, A. R. Morton, D. J. MacKenzie
Statistical Assistant.....Joan A. Peabody
Assistant.....Jane M. Habley

The lectures cover environmental sanitation, communicable diseases, infant and maternal welfare, industrial and school hygiene, the principles of vital statistics, epidemiology, and socialized medicine.

The field work consists in the investigation of housing conditions, public water supplies, milk supplies, restaurants, and other food handling establishments. During the summer months, between the third and fourth year, each student is required to make a health survey of the community in which he resides. In the fourth year each student is required to make an investigation of home and economic conditions in relation to a minimal number of clinical cases.

Text Books: France and Stalyham: *Text book of Public Health*. Rossau: *Preventive Medicine and Hygiene*.

Alternative: Curtis: *Manual of Public Health Hygiene*. Robertson: *Introduction to Hygiene*. Jamieson and Parkinson: *Synopsis of Hygiene*.

IX. Medicine

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

1. A course of lectures and recitations two hours each week, dealing with diseases of the digestive, circulatory and respiratory systems is given in the third year.

2. A course of lectures and recitations, two hours each week, dealing with infectious and constitutional diseases, the blood, ductless glands, diabetes, and diseases affecting the kidneys and the nervous system, is given in the fourth year.

Text Books: Mackenzie: *Practical Medicine*. Osler and Macewen: *Principles and Practice of Medicine*. J. J. Constance: *A Textbook of Medicine*. Stevens: *Practice of Medicine*. Cecil: *Text Book of Medicine*. Price: *Practical Medicine*. Beaumont: *Practical Medicine*.

Reference Books: Osler: *Materia Medica*. Tinsley: *Practice of Medicine*. Robert P. McClelland: *Internal Medicine in General Practice*. Campbell, Thompson: *Diseases of the Nervous System*. Church and Petersen: *Nervous and Mental Diseases*. Calabro: *Diseases of the Urinary System*. Oxford Monographs. Sir Thomas Lewis: *Diagnosis of the Heart*. Beckmann: *Treatment in General Practice*. Houston: *Art of Treatment*.

X. Clinical Medicine

Professor.....	K. A. MacKenzie, (Head of Dept.),
Associate Professor.....	J. R. Corston.
Assistant Professors.....	T. M. Sierkiewicz,
	C. W. Holland, J. W. Reid, J. W. MacIntosh.
Clinical Instructors.....	C. W. Holland, J. W. Reid,
	J. W. MacIntosh, C. S. Marshall.
Demonstrator.....	W. J. Dyer.

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

In the third year the students are divided into small groups and receive clinical instruction at the Victoria General Hospital, the Halifax City Tuberculosis Hospital, the Halifax Infirmary, the Dalhousie Public Health Clinic and the Halifax City Home. Clinical lectures are also given.

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

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

Text Books: *Nutrition and Lungs: Diseases of the Chest and Principles of Physical Diagnosis*, Nelson and Mueller; *Manual of Physical and Clinical Diagnosis*, Pulver Stewart; *Diagnosis of Diseases of the Nervous System*. Source: *Medical History and Case Taking*.

Reference Books: *Medicine: Symptoms in Diagnosis*.

XI. Therapeutics

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

Text Books: *Rudolph: Medical Treatment of Diseases*. Hart; *Practical Therapeutics*, Channing; *Modern Methods of Treatment*. David Campbell; *Handbook of Therapeutics*, Beckman; *Treatment in General Practice*.

XII. Medical Jurisprudence and Toxicology

Lecturers..... Frank V. Woodbury, M. G. Whillans

A short course of lectures, in the fourth year, is devoted to the consideration of the more common medico-legal problems, and the class attends (in groups) at autopsies in medico-legal cases. Instruction in Toxicology is given by the Professor of Pharmacology during the third year.

Text Books: *Gilmer: Text Book of Medical Jurisprudence and Toxicology*. Thomas: *Clinical Toxicology*.

XIII. Psychiatry

Associate Professor.....	R. O. Jones.
Assistant Professor.....	R. W. M. MacKay.
Clinical Instructors.....	H. K. Hall, Barbara Wagnell.
Instructor.....	Jessie M. Lawrence.

The course consists of a series of lectures in Psychobiology in First Year, during which each student is required to write a study of his own personality, designed to give a grasp of normal personality function, important factors in personality development, and the importance of the psychobiological concepts in all medical work.

A course of didactic lectures covering fundamental considerations in psychopathology, with a description of the various reaction types and instruction in methods of psychiatric examination is given in Second Year. Throughout, emphasis is laid on the psychiatric aspect of general medicine, psychosomatic illnesses, and commonly occurring problems of child behavior.

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 nervous, psychosomatic medicine, and military psychiatry are especially considered.

In the Fourth Year, students receive individual instruction and treatment of neuropsychiatric cases at the Dalhousie Public Health Clinic, each student attending the Psychiatric Out-patient Clinic over a four week period, and advantage taken of the Service Psychiatric Personnel in the City for instruction along their special line of interest.

Demonstrations are arranged during this year, including visits to the Nova Scotia Hospital and the City Home, Halifax.

Text Books: *Maudsley: Psychology and Psychiatry*. Richards: *Introduction to Psychology and Psychiatry for Nurses*. Billings: *Essentials of Psychology and Psychiatry*. Stocker and Shaghy: *Practical Clinical Psychiatry*. Stocker: *Essentials of Psychiatry*.

XIV. Surgery

Professors.....	H. K. MacDonald (Head of Dept.),
	J. G. MacDougall, G. H. Murphy, W. Alas Curry,
Assistant Professors.....	C. E. Kinlay, V. O. Mader,
	N. H. Gosse, W. L. Muir, J. V. Graham, F. H. Davis.
Lecturers.....	J. A. Noble, E. F. Ross,
	C. M. Bethune, A. L. Murphy.
Demonstrator.....	

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

A course of lectures, one hour a week, on Regional Surgery, is given during the fourth year.

Surgico-pathological conferences are held weekly during the fourth year at which the student has the privilege of hearing surgical cases discussed from the standpoint of diagnosis, operative procedure, and pathological findings.

Applied Anatomy.—A course in Anatomy is given in the third and fourth years dealing with those parts of the body subject frequently to surgical interference. Through the courtesy of D.V.A. our students attend Camp Hill Hospital, in small groups for instruction in Clinical Surgery.

Text Books: Rose and Carless, *Thomson and Miles, Homan and Christopher.*

XV. Clinical Surgery

Professors.....	H. K. MacDonald (<i>Head of Dept.</i>), J. G. MacDougall, G. H. Murphy, W. Alan Curry.
Assistant Professors.....	C. E. Kinley, V. D. Madar, N. H. Gosse, W. L. Muir, J. V. Graham.
Clinical Instructors.....	H. D. O'Brien, A. L. Murphy, J. A. Noble, E. F. Ross, C. M. Bethune, J. W. Merritt, A. M. Marshall, G. L. Covert.
Demonstrators.....	P. Weatherbe, H. D. Hobb, T. B. Acker, J. C. Acker, W. K. Hossa.

A short course of clinical lectures is given in the second year.

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

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

XVI. Urology and Dermatology

Professor.....	Frank G. Mack
Instructor in Clinical Urology.....	G. A. Winfield
Demonstrators in Clinical Urology.....	R. O. Jones, H. G. Quigley.

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 those the class attends at the Victoria General Hospital. The class is divided into groups for clinical instruction in these subjects at the Dalhousie Public Health Clinic.

Text Book: Lowrey and Kieritz: *Clinical Urology*, 2nd Ed.
Reference Books: *Sutton: Diseases of the Skin*, 9th Ed.

XVII. Eye, Ear, Nose and Throat Diseases

Professor.....	A. E. Doull, Sr. (<i>Head of Dept.</i>)
Associate Professor.....	H. W. Schwartz
Assistant Professors.....	H. W. Kirkpatrick, A. E. Doull, Jr., R. H. Stoddard
Demonstrator.....	D. M. MacRae

Instruction in the examination of patients begins in the third year.

Clinical lectures are given in the fourth year each week throughout the session. Clinical instruction is given to groups of students at the Victoria General Hospital and the Public Health Clinic.

Text Books: *Meyer: Diseases of the Eye*. *Lectures: Diseases of the Ear*. 1. *Sutton: Diseases of the Ear, Nose and Throat*. *W. Wallace Morrison: Diseases of Nose, Throat and Ear*. Text Book of Ophthalmology by *Snodgrass & Gilford*.

XVIII. Radiology

Lecturer.....S. R. Johnston (in charge of Department).
A short course of lectures on X-ray diagnosis and the therapeutics of X-ray and Radium is given in the third year.

The students of the third and fourth years in groups of two receive personal instruction in fluoroscopic demonstration, examination of films and the principles of radio-therapeutics.

XIX. Obstetrics and Gynecology

Professor.....	H. B. Allen (<i>Head of Dept.</i>), Associate Professor.....W. G. Colwell.
Lecturer.....	K. M. Grant.
Demonstrator of Practical Obstetrics.....	P. A. Macdonald, Chief of Clinic.

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

In the third and fourth years instruction is given in prenatal care at the 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.

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

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

Text Books: *Obstetrics: Ten Teachers: Midwifery*. Book: *Obstetrical Practice*. *Gynecology: Ten Teachers: Diseases of Women*. *Curtis: Textbook of Gynecology*.

More Advanced Reading: *Obstetrics DeLee: Principles and Practice of Obstetrics*.

XX. Paediatrics

Professors.....	G. B. Wixwell (<i>Head of Dept.</i>), M. J. Carney.
Associate Professor.....	N. B. Coward.
Demonstrator.....	J. U. D. Campbell.

Lectures begin in the second year, and are continued in the third year on the primary subjects. In the fourth year, weekly lectures are given on the important subjects of paediatrics. A clinical lecture is held twice a week at the Children's Hospital. Group clinical teaching is carried on throughout the session at the Children's Hospital, the Dalhousie Public Health Clinic and the Grace Maternity Hospital.

Text Books: Mitchell-Nelson; *Text Book of Paediatrics*. Holt and Melnicok; *Diseases of Infants and Children*. Brown and Tisdall; *Common Parasites in the Practice of Paediatrics*. Durison; *The Common Parasitoses*. Stone; *The New Born Infant*.

Reference Books: Stronachman; *Pediatrics*—4 Vols. Garrod, Paton, Thornford, Paterson; *Diseases of Infants and Children*.

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. 16 *et seq.*

The University, in recognition of its responsibility to the public, and for its own reputation, reserves the right to terminate the attendance of any student at any time should it appear that he is unlikely to reach such a standard, in the judgment of the Senate, as would warrant his admission to the practice of 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 pp. 33 and 36.

Academic Year

The Academic Year consists of one session of eight months' duration. The session of 1946-47 will begin on Tuesday, September 10, 1946, and end on Tuesday, May 13, 1947.

No students will be admitted after noon of Monday, September 16.

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. 22 *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 I.

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

Second Year

Anatomy 2 and Practical Anatomy; Bacteriology 1; Pharmacology and Materia Medica; Operative Dentistry; Pathology 1; Prosthetic Dentistry and Metallurgy.

Third Year

Crown and Bridge Work; Dental Infirmary; Dental Pathology and Therapeutics; Exodontia; 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, Anesthetics and Physical Diagnosis; Orthodontics; Prosthetic Dentistry.

Regulations for Degree

In addition to the Matriculation or Preliminary examination, candidates for degrees are required to pass four Professional examinations, one at the end of each year of the course, on the dates set in the University Almanac. The examinations are arranged as follows:

First Professional Examination

One paper in each of the following subjects: Dental and Comparative Dental Anatomy; Embryology; one paper and a practical examination in Histology; one paper and an oral and a practical examination in Anatomy, Biochemistry 3 and Physiology 1.

Second Professional Examination

One paper in each of the following: Exodontia; Pharmacology and Materia Medica; Operative Dentistry; Pathology; Prosthetic Dentistry and Metallurgy; one paper and an oral examination in Anatomy and Bacteriology; a practical examination in Anatomy.

Third Professional Examination

One paper in each of the following: Crown and Bridge Work; Dental Pathology and Therapeutics; Operative Dentistry; Orthodontics; Prosthetic Dentistry; Radiology; one paper and an oral and a practical examination in Pathology; a practical

examination in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry; and Orthodontics.

Fourth or Final Professional Examination

One paper in History, Jurisprudence, Ethics and Economics; one paper in each of the following: Crown and Bridge Work and Ceramics; Operative Dentistry; Oral Surgery, Anesthetics and Physical Diagnosis; Orthodontics; Prosthetic Dentistry; a practical examination in Crown and Bridge Work and Ceramics; Operative and Prosthetic Dentistry, and Orthodontics.

Pass and Distinction Lists

The names of candidates successful in the examinations are arranged in the published lists in two divisions, the Pass and Distinction divisions. To pass a candidate must obtain a minimum mark of 50 per cent in each subject.

For Distinction in any subject he must obtain a mark of 75 per cent or over in that subject. The names in the Pass division of the list are arranged in alphabetical order; those in the Distinction list are in order of merit.

Admission to Examinations

Candidates must conform to the following requirements in order to qualify for admission to the Professional examinations:

1. They must attend the prescribed classes of the curriculum regularly and punctually. Certificates indicating less than 90 per cent of attendance upon any class will not in ordinary circumstances be accepted.
2. They must prepare such exercises, reports, etc., as may be prescribed, and in the case of classes involving laboratory or practical work they must complete such work satisfactorily. The practical requirements in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry, and Orthodontics, in the second, third and fourth years must be fulfilled before the theoretical examinations are written.
3. Candidates for the Final Professional examination will be required to subscribe to the following declaration with regard to their age:

Halifax, N. S. _____ 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 University Office, and must be accompanied by the proper fee. (See p. 148).

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. 64-67.

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.

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

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

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
Additional annual fee charged to students from outside the British Empire entered in professional or pre-professional courses....	250.00

For Tuition

Payable by those taking the regular prescribed curriculum, each year.....	\$255.00
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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 fees for the full year whether the classes are attended for all or part of the course except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

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

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

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.

*Certificate under the University seal.....	\$ 1.00
For D.D.S. Diploma (payable before the fourth year or final examinations, and returnable in case of failure).....	20.00
Diploma, payable by those attending less than 3 years.....	30.00
Additional fee when a degree is conferred in absence at the Spring Convocation.....	10.00

See Pages 19 to 21 for

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

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

**If application for refund of supplemental examination fees is not made within 30 days of the relative 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. 131 of any.

Dental Anatomy and Comparative Dental Anatomy

Professor..... S. G. Ritchie.

Dental Anatomy.—This course includes a study of the contents of the buccal cavity from a dental standpoint. A practical course in tooth carving and dissection of the natural teeth will be carried on in the laboratory.

Comparative Dental Anatomy.—The lectures and demonstrations in this course are designed to be a study in the classification of dental types and theories of evolution of the dental organs from simple to complex forms.

Hygiene, Preventive and Clinical Dentistry

Professor..... J. S. Bagnall.
Demonstrator in Pre-School-Age Public Health Clinic A. Borden Haverstock.

This series of lectures given in the final term of the fourth year is designed to emphasize the place of dentistry as a health service. It includes a review of recent research and a discussion of the correlation between dental and systemic disease conditions. The lectures are supplemented by demonstrations in the Victoria General Hospital and in the Pre-School-Age clinic of the Public Health Centre.

Operative Dentistry

Professor..... W. H. H. Beckwith.
Lecturer..... G. A. Chudleigh.

The instruction in this subject begins in the second year. Students in the last two years will be engaged in infirmary practice daily under the supervision of experienced demonstrators. The work of the final year is designed to instruct the student in the details of Operative practice.

Dental Pathology and Therapeutics.

Lecturer..... A. Borden Haverstock.

The lectures will be given in the third year, with practical demonstrations in the Infirmary throughout the last two years.

Special reference will be made to the pathology of Pyorrhoæ Alveolaris.

Pharmacology and Materia Medica

Lecturer..... J. W. Dobson.

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.

This subject will be presented in a course of lectures and clinical demonstrations during the last two years.

Oral Surgery, Anaesthesia and Physical Diagnosis

Professor..... F. V. Woodbury.

Lecturer..... J. Arnold Noble.

A course of lectures on General Surgery given during the second term of the third year.

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

Lecturer..... O. L. Croft.

Demonstrators in the Adult Public Health Clinic..... O. L. Croft,

I. K. Lubetsky, G. M. Dewis, A. G. Nuttley.

Exodontia.—A course of weekly lectures and demonstrations in the third and fourth years, which will include the study of local and general anaesthetics. This course is supplemented by Infirmary practice in the third and fourth years, and by practical work in administration of local anaesthetics and nitrous oxide in the exodontia clinic of the Public Health Centre in the final year.

Text Books: Water, Berger.

Reference Books: Smith, Thomas Hewitt, DeWolf.

Radiology

Lecturer..... H. M. Eaton.

A course of lectures and demonstrations weekly during the third year followed by practical work in the Infirmary.

Text Book: Raper, 2nd edition.

Reference Books: McCoy, Thomas, Osgood.

Prosthetic Dentistry

Professors..... S. G. Ritchie, J. S. Bagnall.

This course continues throughout the last three years. The instruction is didactic and practical.

Text Books: American Text Book of Prosthetic Dentistry. Kennedy: Partial Dentures.

Reference Books: Prothers, Wilson, Campbell, Nichols.

Crown and Bridge Work and Ceramics

Professor..... W. C. Ormer.

Lecturer..... G. A. Chadleigh.

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 must be supplied by the students for all technique.

Text Book: Donaghy.

Reference Books: Evans: Crown and Bridge. Passy: Crown and Bridge. Goddard: Crown and Bridge. Legros: Ceramics. Caponi: Ceramics. Haverstock: Ceramics.

Metallurgy

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

Demonstrator..... S. G. Ritchie.

A course of lectures during the second year, on the construction, properties and treatment of metals and alloys used in Dentistry. A series of laboratory demonstrations in working and soldering metals.

Reference Books: Ray, Rosenblain, Gibson.

Dental History, Jurisprudence, Ethics and Economics

Lecturers..... G. M. Dewis, A. A. Dunlop.

S. G. Ritchie, F. W. Binnett, W. W. Woodbury.

History.—History and development of Dentistry.

Reference Book: Taylor.

Ethics.—A brief statement of the important principles of morals and obligations of professional men to their patients, other practitioners and the public.

Reference Book: Noyes.

Jurisprudence.—A discussion of the subject as it affects the qualifications and responsibilities of the Dental Surgeon.

Reference Book: *Brothers*.

Economics.—The students' attention is directed to factors that make for success in dental practice; to a consideration of the rewards of service, and to an appreciation of their value.

Reference Book: *Johnson: Success in Dental Practice*.

UNIVERSITY LISTS

Degrees Conferred Session 1944-45

Convocation, May 15, 1945

*—Degrees conferred during the session.

**—In absentia.

Master of Arts

Coldwell, David Frederick, B.A.	Hantsport, Hants Co.
Collins, Louis William, B.A.	Halifax
*Cramer, Marjorie Lee, B.A. (Penza State Coll.)	Ben Avon, Pa., U. S. A.
Kahn, Robert Ludwig, B.A.	Halifax
Linkletter, Elpha Jean, B.A.	Summerside, P. E. I.
Shields, Edward John, B.A.	Windsor, Hants Co.
Thompson, Frederic Fraser, B.A.	Sheffield, England

Master of Science

Campbell, Roberta Bailey, B.Sc. (M. A.)	Woodstock, N. B.
*Crawford, Vernon D'Orsay, B.Sc. (M.L.A.)	Amherst, Cumb. Co.
Ingraham, Thomas Robert, B.Sc.	Halifax
Rice, Frederick Anders Hudson, B.A.	Herring Cove, Hfx. Co.
Vavasour, Gerald Ralph, B.Sc.	St. John's, Nfld.

Bachelor of Arts

Aikens, Harry Forbes	Stellarton, P.E. Co.
Alder, Doreen Mary	Charlottetown, P. E. I.
Blakeney, Allan Enryre	Bridgewater, Lun. Co.
Brown, Constance Edna (King's)	Speyfield, Hfx. Co.
Butes, Clarence Beatty	St. John's, Nfld.
Colborne, Blair Baker	Sydney, C. B. Co.
Goodman, Annetta Lora	New Glasgow, P.E. Co.
Harrison, Kathleen Ada	Halifax
Hartling, Arthur Charles	Halifax
Hibbitts, John Bernard	Halifax
*Lindsay, Agnes Mariel	Middle Musquodoboit, Hfx. Co.
Land, Shirley Roberta	Dartmouth, Hfx. Co.
Macdonald, Mary Irene d'Espremont	Dartmouth, Hfx. Co.
MacKay, Mary Elizabeth	Wolfville, Kings Co.
McLaren, James Clark	Ottawa, Ont.
**Mendelson, Myer	Moncton, N. B.
Mitchell, Reynold St. Clair	Sydney, C. B. Co.
Morrison, Margaret Grace Hunter (King's)	Halifax
Nicholsen, Joyce Christine	Baddeck, Vio. Co.
*Poon, Bernice Hidovitz	Toronto, Ont.
Sheppard, Jessie	Humbermouth, Nfld.
Sherman, Norma Mary	Halifax
Stewart, Clifford Oswald	Halifax
Stewart, John Thomas	Centre Musquodoboit, Hfx. Co.
Tantus, George Stewart (King's)	Dartmouth, Hfx. Co.
*Thompson, Frederic Fraser	St. John's, Nfld.
Vaughan, Joan Emma	Halifax
Whiston, Arthur Frederick	Bayside, Hfx. Co.
Winsor, Naboth	Weskoville, Nfld.
Whyte, Isabel Geraldine	Sydney Mines, C. B. Co.

Bachelor of Science

Barnett, Ronald Alexander	Halifax
Bisset, Laura Jocelyn	Halifax
Burgess, Arthur Ernest	Halifax
*Burke, Ewart Cecil	St. John's, Nfld.
Chapman, Leon Everett	Dartmouth, Hfr. Co.
Clarke, Victor Lancelot	Dartmouth, Hfr. Co.
Dieser, Clara	Saint John, N.B.
*Gilbert, Harvey Hunt Trott	Somerset, Bermuda
Gilbo, Harriett Anne	Halifax
Gorham, Evile	Halifax
*Hardy, John Everett	Guarapas Barrachois, C. B. Co.
Hessner, Robert Douglas	St. John's, Nfld.
*Hier, David	Montreal, Que.
*Hirsch, Solomon	Sydney, C. B. Co.
Hunter, Helen MacKay	Halifax
*Knapp, Margaret Elizabeth	Port aux Basques, Nfld.
*Knight, Arthur Law	Point du Chêne, N. B.
Little, Carl Maurice	Campbellton, N. B.
Longard, Edward James	Halifax
MacDonald, Alexander Daniel	Sydney, C. B. Co.
MacDonald, Robert Matthews	Sydney, C. B. Co.
MacKinlay, Lillian Jenn	Glace Bay, C. B. Co.
MacLeod, Hugh Donald	Scottdown, Pte. Co.
MacMillan, May Elizabeth Joyce	Halifax
MacQuarrie, Irma Maureen	Halifax
Murdoch, Margaret Ruth	St. John's, Nfld.
Payzant, Lewis John	Halifax
Reid, Thora Alice	West Saint John, N. B.
Roblin, Marion Ruth	St. John's, Nfld.
Randle, Lorenzo Gordon	New Glasgow, Pte. Co.
Saunderson, Ann St. Clair	Halifax
*Schrage, Samuel	Dartmouth, Hfr. Co.
Sillick, Lester Benjamin	Halifax
Snaw, James Murray	Halifax
*Swanburg, Robert Harple	Halifax
Yeadon, Dale Everett	Halifax

Bachelor of Commerce

Lyns, Ralph Ernest Austen	Sydney, C. B. Co.
Pike, Alfred Penney	Carleton Place, Nfld.

Bachelor of Music

Zwicker, Vera Margaret	Arncliffe, Hfr. Co.
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Bachelor of Laws

Barry, Kevin Joseph	Curling, Nfld.
Forbes, Frederick Harris, B.A. (Mt. A.)	Moncton, N. B.
King, Theodore Asquith, B.A.	Irgue, Nfld.
Matthews, Claude	Grand Bank, Nfld.
Proudfoot, William Fraser	Wabana, Nfld.

Doctor of Medicine and Master of Surgery

Akin, Frederick Leonard	Windsor, Hants Co.
Cole, Philip Andrew	Chester, Lun. Co.
Cresighton, Austin MacLennan, B.Sc.	Tatamagouche, Col. Co.
Deby, John Peter	Saint John, N. B.
D'Istino, Carmen Angilio	Sydney, C. B. Co.
Doyle, Charles Edward, B.Sc.	Moncton, N. B.
Edgcombe, Percy Wilson	St. John's, Nfld.
Fitch, Ralph Hall, B.Sc. (Acadia)	Moncton, N. B.
Green, Saml	Halifax
Henderson, Charles Urquhart	St. John's, Nfld.
Henniger, Gordon Ross	Halifax
Horn, Patrick James	St. John's, Nfld.
Huber, Maurice	Winnipeg, Man.
*Keay, Claude Fraser	Newcastle, N. B.
Kinside, Cyril Melbourn	Saint John, N. B.
Kinley, Gordon Johnson	Halifax
Locke, Howard Allen, B.A. (Mt. A.)	Liverpool, Queens Co.
MacDonald, John Angus, B.Sc. (St. F.X.)	New Waterford, C. B. Co.
Macdonald, John Philip	Sydney, C. B. Co.
MacDonald, Martin Stanislas	Halifax
MacDonald, Frederick Glenross	Moncton, N. B.
MacIntosh, Carmen Norman, B.Sc.	Dartmouth, Hfr. Co.
MacKinnon, Kenneth Joseph Chisholm, B.Sc. (St. F. X.)	Antigonish
MacLean, Norman James, B.Sc. (St. F.X.)	Port Hawkesbury, Inv. Co.
McNeil, John Osler	Glouce Bay, C. B. Co.
Miller, Walter Douglas	Sydney, N. B.
Morrison, William Ross	Halifax
Morrow, Roy Andrew	West Saint John, N. B.
Morse, William Ingle	Paradise, Anns. Co.
Muir, Donald MacMill, B.Sc. (Acadia)	Shelburne
O'Donnell, Walter James, B.Sc. (Acadia)	Bathurst, N. B.
*Oxen, Harry, B.A. (McGill)	Montreal, Que.
Patterson, Thomas Hill	Bedford, Ont.
Reardon, Charles Henry	Halifax
Roby, Harold Roove, B.A.	Truro, Col. Co.
Rosenfeld, George Bernard, B.A. (N. Y. U.), M.A. (Col.), M.Sc.	Brooklyn, N. Y., U. S. A.
Shaw, George Bernard	Bridgewater, Lun. Co.
Smith, Donald Fraser	Halifax
Stewart, Harold Preston	Charlottetown, P. E. I.
Stuart, Frank Kidd	West Saint John, N. B.
Thomas, John Philip Wallace	Vanouver, B. C.
*Timmons, Gordon Daniel	Fredricton, N. B.
Weir, Edward Fraser, B.Sc.	Freeport, Digby Co.
Wilkinson, Allan Albert	Charle's Neck, Nfld.

Graduate Diploma in Education

Aniro, Nelson Henry, B.A.	Middle East Pubnico, Yar. Co.
Hyland, Isabel Jean, B.A. (Mt. St. V.)	Halifax
*Lindsay, Agnes Marisel, B.A.	Middle Musquodoboit, Hfr. Co.
Schwartz, Abraham, B.A.	Halifax

Licentiate of Music

Monaghan, Theresa Marie Halifax

Engineering

Barnett, Ronald Alexander Halifax
 Burgess, Arthur Ernest Halifax
 Clarke, Victor Lawson Dartmouth, Hfx. Co.
 *Gilbert, Harvey Bent Trott Sussexport, Bermuda
 Little, Carl Maurice Campbellton, N. B.
 MacLeod, Hugh Donald Seaburn, P.E. Co.
 Moulton, Richard Walton Halifax
 Naves, Ferdinand San Fernando, Trinidad, B.W.I.
 Oakley, James Pemberton Dartmouth, Hfx. Co.
 Payant, Louis John Halifax
 Power, Henry Edwin Halifax
 Proctor, Reuben Peter Armadale, Hfx. Co.
 Saffron, Arthur Samuel Spraghill, Camb. Co.
 *Skinner, Charles Martel, B.Sc. Louisbourg, C. B. Co.
 Womer, Norman Daniel Halifax
 Yeadon, Dale Everett Halifax

Pharmacy

Collins, Jean Rankin Moncton, N. B.
 Fraser, Charles Weldon Hopewell, P.E. Co.
 Perry, Raymond Lorne Halifax
 Snide, Mary Marjorie Alexandra Shubenacadie, Hants Co.
 Zinck, Robert Wesley Dartmouth, Hfx. Co.

HONOURS, PRIZES AND MEDALS

Diplomas of Honour

English—High Honours and Medal John Bernard Hibbitts
 Mathematics — High Honours (Advanced Course) Alexander Daniel MacDonald

Diplomas of Distinction

Distinction [Laura Jocelyn Bisset
 James Clark McLaren
 Doreen Mary Alby
 Eville Gorbun
 Constance Edna Brown]

Graduation Prizes and Medals

Governor-General's Gold Medal John Bernard Hibbitts

University Medals:

Faculty of Arts and Science Laura Jocelyn Bisset
 Faculty of Medicine William Inglis Morse

Avery Prize (First Distinction Graduate) Laura Jocelyn Bisset

Other Prizes Won by Graduates

Public Administration Scholarships [Editha Joan Linkletter, B.A.
 Edward John Shields, B.A.]

ENTRANCE AND UNDERGRADUATE PRIZES

Entrance Scholarships

O.E. Smith Entrance Scholarship in Modern Languages and History George Alistair Sutherland Smith

Regional Scholarships:

First Division

Doris Pauline Altop Hector Melness Memorial Scholarship
 Stirling Giddings Whiteaway Hector Melness Memorial Scholarship
 Archibald Dunham Gates Hector Melness Memorial Scholarship

Second Division

Arthur William Elliot George H. Campbell Memorial Scholarship
 William John Kelly George H. Campbell Memorial Scholarship
 William Charles Rudderham George H. Campbell Memorial Scholarship
 John Morton Booth Mackenzie Scholarship
 Carlidwen Howe Buchanan Mackenzie Scholarship
 Nancy Jane Wilson Mackenzie Scholarship

Third Division

Frances Elizabeth Silver
 Eleanor Lois Rattee
 Yvonne Jean Cougle

Undergraduate Scholarships and Prizes

Bruce Scholarships (1st yr Arts and Science) [Doris Pauline Altop
 Nancy Jane Wilson]
 Mackenzie Scholarship (1st yr. Arts and Science) Carlidwen Howe Buchanan
 Allan Pollock Scholarship (2nd yr. Arts and Science) Shirley Elizabeth Clark
 Jotham Blanchard Bursary (2nd yr. Arts and Science) James William Edgar Mingo
 Bruce Bursary (2nd yr. Arts and Science) David Edmund Poeshey
 Khaki University Scholarships (2nd yr. Arts and Science) Arthur William Elliot
 Gerald Howard McEay
 Elsie Agnes Coleman
 Offman Bursary
 Evangeline Chapter, (I.O.D.E.) Scholarship (English) Shirley Elizabeth Clark
 H.M.S. "Good Hope" Chapter
 (I.O.D.E.) Scholarship Enid Bernice Aronoff

Archibald MacMechan Scholarship (4th yr. English).....	John Bernard Hibbitts
Hugh Gessame Fraser Memorial Prize (Advanced Chemistry).....	Harry Peter Pozios
Waverly Prize (Mathematics).....	Laura Jocelyn Russel
Katherine Buttenshaw Prize (Advanced Mathematics).....	Alexander Daniel MacDonald
Ross Stewart Smith Scholarship (Arts and Science).....	Alec Thompson Stewart
James L. Hall Scholarship (2nd yr. Engineering).....	Charles Haddon Smith
Howard Murray Prize (Classics).....	Beryl Laphan Anderson
Sarah M. Lawson Scholarship in Botany.....	Eville Gorham
Nova Scotia Headmasters' Association Prize (Education).....	Isabel Jess Hyland, B.A. (M.L. St. Vincent)
Medal offered by the French Govern- ment, through the Halifax Branch of l'Alliance Francaise.....	James Clark McLaren
Class of 1910 Prize (2nd yr. Law).....	Theodore Asquith King, B.A.
Class of 1911 Prize (1st yr. Law).....	Allan Emrys Blackney
Professor R. J. Bean Prize (1st yr. His- tory and Embryology).....	Lorens Gordon Hurdle
Professor John Cameron Prize and Anonymous Prize (1st yr. Anatomy).....	Lorens Gordon Hurdle
Anonymous Prize (2nd yr. Anatomy).....	Melvin Irving Asker
Prize in Pathology (from the Hebrew Community of Nova Scotia and New Brunswick).....	Divided among: Raymond George Giberson, Lloyd Feanny, and James Avery Vaughan.
Andrew James Cowie, M.D., Memorial Medal (4th yr. Obstetrics).....	Ray Andrew Morrow
Dr. John F. Black Prize (4th yr. Surgery).....	Allan Albert Wilkinson
Dr. Clara Olding Prize (4th yr. Med- icine).....	Charles Edward Doyle, B.Sc.
Dr. A. F. Miller Prize (Highest standing in Tuberculosis).....	Ralph Hill Fitch, B.Sc. (Acadia)
Colonel Murray MacLaren Memorial Award for Service as Intern at the Saint John General Hospital.....	Walter Douglas Miller
The Charles E. Frost Bursary.....	Ray Andrew Morrow
Dr. J. L. MacLennan Memorial Award.....	William Ross Morrison
Halifax Infirmary Award.....	Kenneth Joseph Chisholm MacKinnon
The Victoria General Hospital Award.....	John Philip Wallace Thomas
Dr. A. F. Miller Special Prize.....	Raymond George Giberson Ainsley Scott Atkins

John Stewart Chapter (L.O.D.E.) Prize (2nd yr. Medicine).....	Angus James Neary
Charles Bell Memorial Prizes (1st yr. Dentistry).....	1st James Michael Darcy 2nd Donald Cedric Stevens
Charles Bell Memorial Prizes (2nd yr. Dentistry).....	1st Arthur Steuermann 2nd John Francis Burke Donald Gordon Pentz
Mallinckrodt Chemical Works Ltd. Prize (Pharmacy).....	Charles Weldon Fraser
Frank Wyeth Horner Prize (Pharmacy).....	Mary Marjorie Alexandra Snide
Merck Award (Pharmacy).....	Charles Weldon Fraser
National-Canadian Drugs Ltd. Gold Medal.....	Charles Weldon Fraser
Charles E. Frost & Company Schol- arship (1st yr. Pharmacy).....	Eric Frank Archibald
W. H. Dennis Prizes: James DeMille Essay—1945.....	1st Myer Mendelson 2nd James Clark McLaren

STUDENTS REGISTERED 1945-1946

FACULTY OF ARTS AND SCIENCE

Abraham, Janet Elizabeth	St. John's, Nfld.
Acees, Lloyd Carson	Hantsport, Hants Co.
Adams, Kirk Johnson	Glace Bay, C. B. Co.
Adams, Robert Crighton	Kentville, Kings Co.
Adler, John	Farnham, Que.
Allen, Nancy Bernice	(K) Halifax
Allen, Rosemary Inder	(K) Halifax
Allison, Laurie MacCallum	Halifax
Allsup, Doris Pauline	Halifax
Alward, Peter Turnbull	Saint John, N. B.
Anderson, Heryl Lapham	Ashurst, Cumb. Co.
Anderson, George Wilson, B.S.A. (Und. Agr. Coll.)	Toronto, Ont.
Anthony, Ruth Marie	Yarmouth
Archibald, Constance Sara	Truro, Col. Co.
Archibald, Eric Frank	Truro, Col. Co.
Archibald, Marjorie MacGregor	(K) Halifax
Archibald, Willie Moore	(K) Glace Bay, C. B. Co.
Aronoff, Enid Beronice	Halifax
Aronoff, Evelyn Doris	Halifax
Aronoff, Joyce Lynn	(K) Halifax
Arron, Donald	Halifax
Aslin, Earl Victor	Halifax
Aslin, Thekla Marie Teresa	Halifax
Atkins, Elizabeth Clark	Halifax
Atkins, Elizabeth Margaret	Halifax
Azar, Joseph Gordon	Sydney, C. B. Co.
Azar, Marjorie Isabel	Sydney, C. B. Co.
Baccarax, Alfred Albert Alexis	Poireriville, Rich. Co.
Bailey, Arthur Gordon, B.Sc. (Mt. A.)	Dartmouth, Hfx. Co.
Bain, Donald James	Halifax
Baker, Crighton Cutler	Yarmouth
Balcom, Elizabeth Margaret	(K) Halifax
Balcom, Helen Ruth	Port Dufferin, Hfx. Co.
Balcom, Irving Crosswell, B.Sc. (Acadia)	Halifax
Ballem, John Bishop	New Glasgow, Prc. Co.
Barnstead, Juanita Marie	(K) Dartmouth, Hfx. Co.
Barrett, Neil James	Glace Bay, C. B. Co.
Barry, Isabel Rita	Carling, Nfld.
Barry, Kevin Joseph, L.L.B.	Carling, Nfld.
Bate, George Warburton	Saint John, N. B.
Batt, Hilford Graham	Charlottetown, P. E. I.
Baehman, George Perry	Falmouth, Hants Co.
Bauid, Bruce Renfrew	Halifax
Bean, Kathryn Elizabeth	Prince's Lodge, Hfx. Co.
Beaton, John Malcolm, B.A. (St. F. X.)	Halifax
Beausont, Harold Kay	Halifax
Beek, Earl Douglas	Halifax

(K) Enrolled at King's College.

Beek, John Leo	Halifax
Bell, James Lawson	Halifax
Bell, Lewis Alexander	Halifax
Belyea, John Knight	(K) Sackville, N. B.
Bentley, John Laurier	Armadale, Hfx. Co.
Bentley, Thomas Keilor	Springhill, Cumb. Co.
Bent, James Elan Calvert	(K) New Glasgow, Prc. Co.
Beveridge, Helen Wilson	Shelburne
Bostanson, Robert Charles	Sydney, C. B. Co.
Budwell, Roger Gratton Shofford	Halifax
Bishop, William Marshall	(K) Dartmouth, Hfx. Co.
Black, Gordon Samuel	Halifax
Black, Kerstin Holga	Halifax
Black, Roderick MacDonald	Ashurst, Cumb. Co.
Blakney, Ralph Edward	Halifax
Blakney, William Gilbert Grover	Hubbards, Hfx. Co.
Blossner, Basil Lynn	Halifax
Bloom, Rosemary Walton	St. John's, Nfld.
Boite, Kenneth Louis James, B.A.	Halifax
Booth, John Morton	Sydney, C. B. Co.
Bourque, Joseph Daniel	River Bourgeois, Rich. Co.
Bowers, Jean Carol	Halifax
Boyd, Gregory MacPherson	Canso, Guys. Co.
Bridgway, Frederick William	Bay Roberts, Nfld.
Bridgford, Hope Hinchman	(K) Saint John, N. B.
Britten, Ralph Edwards	Arichat, Rich. Co.
Brown, Bertram Clifford	Corsier Brook, Nfld.
Brown, James Alton Gerald	Halifax
Brown, Laurie Malcolm	Halifax
Brown, Lemuel	Dartmouth, Hfx. Co.
Brown, Polly Gordon Allen Wambold	(K) Halifax
Brownhill, Donald Hugh	Halifax
Burhaman, Cerdwyn Howe	Halifax
Buckley, Ronald Douglas	Sydney, C. B. Co.
Bagden, Cyril Wilfred	(K) Halifax
Burgess, Scott Bryne	Halifax
Burke, David	Halifax
Burns, Harry Francis	Halifax
Burton, Mendel Eliot	Glace Bay, C. B. Co.
Burris, John McCardy	Upper Musquodoboit, Hfx. Co.
Buscha, Ray Herbert	Imperial, Sask.
Cameron, John Nelson	Sunny Brae, Prc. Co.
Cameron, Mary Elizabeth Clair	Pottic Riviers, Lun. Co.
Cameron, Robert Alan	Halifax
Cameron, Ross Vail	Halifax
Campbell, Ambrose Leo	Halifax
Campbell, Arlington Roland	Halifax
Campbell, Donald Fraser	Bowenell, Prc. Co.
Campbell, Duncan Ignatius	Halifax
Campbell, Evelyn Matilde B.A. (Mt. St. V.), B.L.S. (McGill)	Halifax
Campbell, George Alton	Halifax
Campbell, Gordon Palmer	Weymouth North, Digby Co.

(K) Enrolled at King's College.

Campbell, Teresa Eulalia	Halifax
Carter, Elizabeth Viola	St. John's, Nfld.
Carter, Kenneth Miller	Truro, Col. Co.
Castro, Athena Dorothea	(K) Armdale, Hfx. Co.
Caswell, Francis Allan	(K) Coldwater, Ont.
Chaffey, Wilbur Joseph	Ramon Is., S. W. Coast, Nfld.
Chapman, Douglas Lester	Amherst, Cumb. Co.
Chard, Jack Thomas	Halifax
Charles, Clive Joseph	Castries, St. Lucia, B. W. I.
Chase, Marguerite Bancroft	Port Williams, Kings Co.
Chigessa, Charles Donaldson	Halifax
Chisholm, Andrew, B.A. (St. P. X.)	Sydney, C. B. Co.
Chisholm, Edward Dainman	Halifax
Chisholm, James Ian	Sunny Beach, P. Co.
Chisholm, Muriel Hebb	Halifax
Christie, Mary Louise	Halifax
Christie, William Gordon	Halifax
Churchill, Roy Kingsley	Halifax
Churchill-Smith, Alan David	Halifax
Clark, Douglas Southcott	St. John's, Nfld.
Clarke, Lorne Otis	Malagash, Cumb. Co.
Clay, Douglas William	Middle Musquodoboit, Hfx. Co.
Clifford, Samuel Ray Alfred	Dalhousie, N. B.
Coehran, Charles Bruce Chambers	Malbone Bay, Lun. Co.
Coehran, George Gilbert	Perth, N. B.
Coehran, Lete Naomi	River Herbert, Cumb. Co.
Colborne, Edward Neil	Sydney, C. B. Co.
Colman, Rhis Agnes	Joggins, Cumb. Co.
Colford, Horace Bernard	Halifax
Collings, Donald Kenneth William	Halifax
Collins, Donald St. Clair	Aylesford, Anns. Co.
Collins, Louis William, M.A.	Halifax
Colquhoun, Nancy Eileen Yule	Sydney, C. B. Co.
Comosa, Robert Gregory	Halifax
Comison, Alvin Enzo	Rogay, Que.
Condy, William Albert	Springhill, Cumb. Co.
Conrad, Arthur Wilbert	Dartmouth, Hfx. Co.
Conroy, Hugh Francis O'Neil	St. John's, Nfld.
Cook, Walter Frank	Lunenburg
Cooke, John Esmond	Sydney, C. B. Co.
Cooken, William Clarence	Halifax
Cooley, Doris Maud	(K) Halifax
Cooley, Ralph Gordon	(K) Halifax
Cooper, Harry Rhodes	(K) Halifax
Copp, Stephen Eric	Kingston, Jamaica, B. W. I.
Corbin, Harry Sinclair Parker	(K) Conqueror Bank, Lun. Co.
Corkran, Arthur Foster	Lunenburg
Cormier, Ivan Camille	Edmondston, N. B.
Cough, Yvonne Jones	Brownville Jet., Maine, U. S. A.
Coutins, Charman Leslie	Halifax
Cowan, Lorraine Isabel	Winnipeg, Man.
Cowan, Ralph Glendon	Halifax
Cox, John Clare	Shelburne
Crawford, Gerald James Browning	(K) St. John's, Nfld.

(K) Resided at King's College.

Creighton, Bernard Sydney	Armdale, Hfx. Co.
Croft, Ainsley Midward	Dartmouth, Hfx. Co.
Crosby, Joan Margaret	Halifax
Crowdis, Donald Kennedy, B.Sc.	Halifax
Crowell, Edwin Harvey	Halifax
Cruikshank, Elsie May	Jollimore, Hfx. Co.
Curran, Alan Hugh	Bedford, Hfx. Co.
Currie, Len Lloyd	Bridgewater, Lun. Co.
Currie, Richard Montgomery	Halifax
Currie, Sheila Margaret	Halifax
Currie, Wilfred Douglas	Bridgewater, Lun. Co.
Curry, Leon Archibald	Falmouth, Hants Co.
Dalton, Arnold David	Montreal, Que.
Dalton, Peter John	Sydney, C. B. Co.
Dauphinee, Gerald Albert	Halifax
Dauphinee, Kenneth Allan	Halifax
David, Ruth Jean	New Glasgow, P. Co.
Davidge, John Sharp, B.Sc. (Mt. A.)	Campbellton, N. B.
Davis, George Webster	Halifax
DeLong, Frederick Paul	(K) Falmouth, N. B.
DeMille, Constance Marie	(K) Halifax
Denmore, John George	Glace Bay, C. B. Co.
Dickinson, Edward Bruce	Toronto, Ont.
Dickinson, Thurston Eugene	Woodstock, N. B.
Dies, John Bartlett	Hr. Buffett, P. Bay, Nfld.
Dinack, Jean Gwendolyn	Windsor, Hants Co.
Dingwall, Claude Avon	Sydney, C. B. Co.
Dixon, John Frederick	Halifax
Doune, Frances Whitman	Halifax
Dodge, John Spomgle Huston	Middleton, Anns. Co.
Doolan, Elizabeth Josephine	Halifax
Doucette, Vernon Joseph	Yarmouth
Dowell, Ronald Chester	Halifax
Doyle, Alexander Weeks	Bedford, Hfx. Co.
Doyle, Gordon Edward	Halifax
DuE, Prescott Tanton	Bridgewater, Lun. Co.
Duckshire, Aileen Greenwood	(K) Clementsport, Anns. Co.
Dunbrack, Charles Edward	Halifax
Dunlop, James Donald	Kemogami, Que.
Dunlop, Stephen Blair	Halifax
Dunn, Andrew Fletcher, B.Sc.	Halifax
Dunn, Anna Mary	Dartmouth, Hfx. Co.
Dunnell, Gordon, B.A. (Bask.)	Halifax
Eagles, Richard Thornton	Halifax
Edsall, Gerald Harbott	Halifax
Eisenberg, Eugene Jack	Montreal, Que.
Eisenbauer, William Leach	(K) Bridgewater, Lun. Co.
Ellis, Arthur William	Halifax
Ellis, Claude Welbyford	Milton, Queens Co.
Ellis, Douglas Graham, B.Sc. (Queen's)	New Glasgow, P. Co.
Ellis, Mildred Coleridge	West Saint John, N. B.
Embley, Jesse Bethune	Port Hawksbury, Inv. Co.

(K) Resided at King's College.

Ernst, William Alan	Halifax
Etter, Mona Phyllis	Shubenacadie, Hants Co.
Fanning, Ralph Allison	Halifax
Faraday, Arthur Gordon, B.A. (McGill)	Halifax
Farquhar, Alexander James	Halifax
Farquhar, Mary Duffus	Halifax
Faulkner, Kenneth Miles	Halifax
Foster, Melvin Greenwood	Bridgewater, Lun. Co.
Folham, Kirk Lincoln	Deer Is., B. B., Nfld.
Folham, Llewelyn Alistair Woodrow	St. John's, Nfld.
Ferguson, Douglas Campbell	Armadale, Hfx. Co.
Ferguson, Norman Hugh	Port Moresby, C. B. Co.
Feron, William Gordon	Halifax
Festery, Warren Ellis	Halifax
Field, Basil Earl	Dartmouth, Hfx. Co.
Fidding, Harlow Watson	Dartmouth, Hfx. Co.
Filmore, Edward Osler	Port George, Cumb. Co.
Fiske, Raymond Ivan	Middle Musquodoboit, Hfx. Co.
Fitzpatrick, Lloyd Allison	Windsor, Hants Co.
Fleming, Allister McRille	Bonaville, Nfld.
Fleming, William Lewis Paul, B.A. (U.N.B.)	Saint John, N. B.
Fleming, Francis Gerard	Halifax
Fleming, Harold Earl	Upper Musquodoboit, Hfx. Co.
Flewelling, James Edmund	Saint John, N. B.
Flynn, Peter James	Halifax
Foshey, David Edmund	Saint John, N. B.
Foote, Frederick Stephen	Metricomish, P.E. Co.
Forbes, Addie Kathleen, B.A. (Acadia)	Mill Village, Queens Co.
Forbes, Edgar William, M.A.	Dartmouth, Hfx. Co.
Forbes, James Wolfe, B.Sc. (Acadia)	Bridgton, P. E. I.
Forbes, Shirley Anne	Dartmouth, Hfx. Co.
Fornst, Dorothy Mabel	Aurora Pt., Cumb. Co.
Foster, George Kendall	Halifax
Foster, Gerald Carlton Leonard	Ottawa, Ont.
Fournes, Donald Robert	Moncton, N. B.
Frank, Allan John Albert	(K) Halifax
Francis, William Webster	St. Ann, Jamaica, B. W. I.
Fraser, James Drummond	New Glasgow, P.E. Co.
Fraser, James Kenneth	Halifax
Fraser, Mary Louisa, B.A.	Halifax
Fraser, Rowland Cardwell	St. Stephen, N. B.
Fredericks, Frederick Gerald	Imperial, Hfx. Co.
Freeman, Helen Isabel Fry	(K) Halifax
Freeman, John Henry	Halifax
Fry, Gerald Alan	(K) Wolfville, Kings Co.
Fry, Margaret Florence	Halifax
Funt, Boris Lionel, B.Sc.	Halifax
Gabriel, Frederick John Russell	Annapolis Royal, Anns. Co.
Galbraith, William Donald	Ottawa, Ont.
Gallay, Adina	Glace Bay, C. B. Co.
Garden, Harold Jerome	Enfield, Hants Co.

(K) Enrolled at King's College.

Garrett, Roscoe-Jean	Brighton, England
Garrison, Gordon Alfred	Halifax
Garsden, Helen Hylda	Saint John, N. B.
Garsden, Mildred Rose	Dartmouth, Hfx. Co.
Gates, Archibald Dunham	Dartmouth, Hfx. Co.
Gaudine, Philip Bernard	Minio, N. B.
Geddes, Irma Christina	Halifax
Gibson, Helen Katharine	St. Andrews, N. B.
Gibson, Isaac Isobel	Truro, Col. Co.
Gillis, David Allan	Halifax
Gillis, James Coughton	Truro, Col. Co.
Gillis, Janet MacKay	Truro, Col. Co.
Gilroy, Lois Ruth	Halifax
Glover, James Arthur	Glace Bay, C. B. Co.
Globe, Richard Hillard Rosnick	Halifax
Golden, John Oakley	New Glasgow, P.E. Co.
Godfrey, Helen Patricia	Halifax
Godfrey, Jean Isabelle	Halifax
Goodman, Nordun Roslyn, B.Sc.	New Glasgow, P.E. Co.
Gordon, Alfred	Halifax
Gordon, Ann Marian	Halifax
Gordon, Miriam Mary	Moncton, N. B.
Gordon, Peter Campbell	Halifax
Gorham, Anne Louise	(K) Halifax
Gorham, Eville, B.Sc.	Halifax
Grab, Cyril Hanson	Trinity Bay, Nfld.
Graban, Dorothy Jean	Halifax
Grandy, Paul Ritchie	Halifax
Grant, Douglas Aubrey	Halifax
Grant, Ernest Robert	Bedford, Hfx. Co.
Grant, Gwendolen Margaret, B.A. (Tor.)	Halifax
Grant, June Suzanne Bishop	Halifax
Graves, Zen Robert Ross	Halifax
Gray, David Alfred	Grindstone, Magdalen Is., Que.
Greenblatt, Mildred Leah	Moncton, N. B.
Groves, Harold Murray	Toronto, Ont.
Gross, Howard Kelley, M.A.	(K) Halifax
Griffith, Eleanor Elizabeth	Dartmouth, Hfx. Co.
Hall, Lorne Ellsworth	Truro, Col. Co.
Halperin, Irving Joseph	Montreal, Que.
Hamilton, Rosborough Brydson	Maxville, Ont.
Hamilton, Roy Oliver	Spanish Town, Jamaica, B. W. I.
Hansen, Gerald Reginald	Annapolis Royal, Anns. Co.
Hendriks, George Leslie	Grand Bank, Nfld.
Hanington, Peter	(K) Saint John, N. B.
Hanrahan, George Thomas	Halifax, N. S.
Hanusiak, Mary Victoria	Moncton, N. B.
Hardie, Banning Henry	Westchester Stn., Cumb. Co.
Harpell, Gerald Morris	Halifax
Harris, Donald Mitchell	Halifax
Harris, Donald Sydney	Bedford, Hfx. Co.
Harris, Harold Randall	Halifax
Harris, Jack Edmund	Humber Bay, Ont.

(K) Enrolled at King's College.

Harshman, Mary Eudora	Sydney, C. B. Co.
Hart, Alexander, Henry	Dartmouth, Hfx. Co.
Hart, Gordon Lovitt Shaw	Halifax
Hart, Joyce Thomson	(K) Halifax
Hatcher, Robert Douglas, B.Sc.	St. John's, Nfld.
Havestock, Lloyd Robert	Acadia Plains, Hfx. Co.
Hawkins, Edith Peppard	Milford Sta., Hants Co.
Hayes, Leslie Ann	Armfole, Hfx. Co.
Hayes, Marie Therese	Halifax
Healy, George Arthur	Halifax
Hebb, Donald Eugene	Bridgewater, Lun. Co.
Hickman, Philip Jeffrey	Halifax
Hefler, Tremaine Edmund	Halifax
Heights, Ernest Lloyd	Pictou
Henderson, Ian Halliburton Smith (K)	Halifax
Hendry, Barbara Anne	(K) Halifax
Hibbitts, John Bernard, B.A.	Halifax
Hickman, Thomas Alexander	Grand Bank, Nfld.
Higgins, Gordon Keith, B.Sc. (U.N.B.)	St. Andrews, N. B.
Himmelman, Marie June	Halifax
Hines, Lloyd Carl	Eastern Passage, Hfx. Co.
Hirsch, Morris	Sydney, C. B. Co.
Hodgson, Robert Wilbert	Woodside, Hfx. Co.
Hoffman, Bernice Deborah	Saint John, N. B.
Holloway, Thomas Robert	Halifax
Hohn, Fleming	New Glasgow, Pte. Co.
Holmes, John Sherman	Fredericton, N. B.
Hopewell, Elaine Ashley	Halifax
Hornstein, Flora Bert Montgomery	Orillia, Ont.
Howard, Paul Sherman, B.A.	Saint John, N. B.
Huberman, Leon	Outremont, Que.
Hubble, Charles Emerson, B.Sc. (Acadia)	Dartmouth, Hfx. Co.
Hueslin, Earl James	Saint John, N. B.
Hughes, Arthur Riech	Saint John, N. B.
Humphreys, Reginald Duffman	Woodside, Hfx. Co.
Humphries, George Malcolm	Botwood, Nfld.
Hunt, Douglas Charles	St. John's, Nfld.
Hunt, Percival Augustine	Sydney, C. B. Co.
Ilsen, Harry Borien	Halifax
Irvine, Christine Isabelle	Bridgetown, Anns. Co.
Innor, Donald Edward	Halifax
Jakeman, William Douglas Lew	Halifax
James, Hugh Chameroy	Halifax
James, Kenneth Nat	Halifax
Jefferson, John Parnall	(K) Halifax
Jensen, Roy Stanley Kitchener	Bellefleur, Nfld.
Jesty, George Archibald	Dartmouth, Hfx. Co.
Jodry, Louise Harriet	Northport, Cumb. Co.
Johnson, Douglas Carmichael	Halifax
Johnson, Douglas Henry	Dartmouth, Hfx. Co.
Johnson, Helena Doris	Beechville, Hfx. Co.
Johnson, Herbert Miller	Corner Brook, Nfld.

(K) Enrolled at King's College.

Johnston, Charles William, B.Sc. (Acadia)	Trenton, Pte. Co.
Johnston, Albert Arnold	Sydney, C. B. Co.
Jones, Gwenolyn Thayer	(K) Halifax
Jones, Helen Patricia Kathleen	(K) Halifax
Julien, Frances Gertrude	Halifax
Kall, Robert Cecil	Halifax
Kaplan, Julia	Stidaction, Pte. Co.
Keddy, Kenneth Allen, B.Sc. (Acadia)	Martin's River, Lun. Co.
Keirstead, Miles Albert, B.A. (Acadia)	Sussex, N. B.
Kelly, William John Paul	Kentville, Kings Co.
Kent, Frederick Charles	Halifax
Kent, Harold Allan	Halifax
Kerr, Donald Alexander	Halifax
Kerr, Kenneth MacFarlane	Bedford, Hfx. Co.
Kimball, Robert Guy Edgar	Halifax
King, George Carlyle	Dartmouth, Hfx. Co.
Kinoy, John James	Lunenburg
Kinoy, John Robert	Port Hillard, Guys. Co.
Knapp, Margaret Elizabeth, B.Sc.	Port Aux Basques, Nfld.
Kneble, Robert John	Halifax
Knight, Robert Cameron	Halifax
Knight, Robert Gordon	Saint John, N. B.
Kolanko, Michael	Sydney, C. B. Co.
Laba, Francis Joseph	Halifax
Laba, Paul John	Halifax
Lamont, Lawrence James	Dartmouth, Hfx. Co.
Lampert, Herbert	Moncton, N. B.
Largo, Alexander Ralph	Charlottetown, P. E. I.
Laurton, Paul MacDunnell, B.A. (Tor.)	Toronto, Ont.
Lawson, Edwin Archibald	Melrose, Guys. Co.
LeBlanc, Edwin Adford	Halifax
LeBlanc, Raymond Gerard	Leper Corner, N. B.
Lee, Paul Albert Joseph	Halifax
LeLachour, Robert Murray, B.Sc. (Mt. A.)	Sackville, N. B.
Leonard, Verma Georgia	Sydney, C. B. Co.
Leslie, Jenn Isabel	Grindstone, Magdalen Is., Que.
Leventhal, Abe Joe	Halifax
Leverman, Douglas Baldwin	Jollimore, Hfx. Co.
Leverman, Frederick George Herbert	Jollimore, Hfx. Co.
Leverman, Graham Muing	Lakeside, Hfx. Co.
LeVine, Larry Arnold	Halifax
Lewin, James Arthur	Fairville, N. B.
Lewis, Chester Morris	Halifax
Lightfoot, Arthur Thomas	Halifax
Lightfoot, Harold John	Halifax
Livingstone, Daniel Archibald	Halifax
Lomas, Alton Anderson	Halifax
Longard, Edward James, B.Sc.	Halifax
Lordly, Joy Daphne	Halifax
Lough, George Kenneth	Halifax

(K) Enrolled at King's College.

Lagar, Robert David Faraday	Belford, Hfx. Co.
Laird, Shirley Roberta, B.A.	Dartmouth, Hfx. Co.
Laird, Wilfrid Huestis	New Germany, Lun. Co.
Lasher, Vivian Sadie	Halifax
Lynch, Robert Hunter	Halifax
Lyons, Carl Owen	Kingston, Jamaica, B. W. I.
McAllister, William George Lawrence	Fairview, Hfx. Co.
MacArthur, Edward Donald	Pietou
MacAulay, Rodenok Alexander	Glouce Bay, C. B. Co.
McBride, Robert David	Chester, Lun. Co.
McCarthy, Gerald James	Halifax
McClymont, Hamilton	Halifax
McColeough, John Reginald Gerrard	Toronto, Ont.
MacCormack, John Ronald	Halifax
MacCoy, Helen Constance Lennox	Keniville, Kings Co.
McCurly, Gerald Lewis	Caldwell, N. J., U. S. A.
MacDermid, Anna Catherine	Baddeck, Victoria Co.
MacDonald, Alexander Daniel, B.Sc.	Sydney, C. B. Co.
MacDonald, Donald Ralph	Fransboise, Rich. Co.
Macdonald, Eileen Vernesia	Halifax
MacDonald, Errol David, B.Sc.	Halifax
McDonald, Herbert Edward	Windsor Jet, Hfx. Co.
MacDonald, John Donald	Dartmouth, Hfx. Co.
MacDonald, John Edward Allan	Glouce Bay, C. B. Co.
MacDonald, Leona Jean	Sarnia, Ont.
Macdonald, Mary Catherine	Glouce Bay, C. B. Co.
MacDonald, Robert Matthews, B.Sc.	Sydney, C. B. Co.
Macdonald, William Grant	Halifax
MacDoom, Omar	Georgetown, Demerara, Br. Guiana
MacDougall, John William	Halifax
MacFetridge, Neil Harold	Winnipeg, Man.
MacGowan, Catherine Sarah	Waverley, Hfx. Co.
MacInnes, John Murray	Halifax
MacInnis, Cameron	Wood Bay, Inv. Co.
MacIntosh, John Wilfred	Halifax
MacIntosh, Thomas Arthur	Stillwater, Guys. Co.
Mackay, Alastair Fraser	Pietou
McKay, Gerald Howard	Nappan Sta., Cumb. Co.
McKay, Geraldine Frances	(K) Halifax
McKay, Mary Elizabeth Alpharita, B.A.	Wolfville, Kings Co.
McKay, William Donald	(K) Halifax
MacKeigan, Donald Archibald	Glouce Bay, C. B. Co.
MacKeigan, Peter Archibald	Huntington, C. B. Co.
McKenna, John Rogers	Saint John, N. B.
MacKenna, Eric Arnold	Halifax
MacKenna, Hugh Gilmour	North Sydney, C. B. Co.
MacKenna, Iva Catherine	Pietou
MacKenna, June Winifred	New Glasgow, Pic. Co.
MacKenna, Kenneth Dale	Halifax
McCesagh, Daniel Harvey	Halifax
McKim, Thomas Bertraw Giehrst	Halifax
MacKinnon, Catherine	Halifax

(K) Enrolled at King's College.

MacKinnon, Patricia Mary	Truro, Col. Co.
MacKinnon, Zaida Gertrude	Halifax
MacKnight, Ralph Dunbar	New Glasgow, Pic. Co.
MacLaine, Elizabeth Mildred	(K) Charlottetown, P. E. I.
MacLaren, James Clark, B.A.	Ottawa, Ont.
MacLean, Ann Eileen	Pt. Hawkesbury, Rich. Co.
MacLean, Katherine Louise	New Glasgow, Pic. Co.
MacLean, Neil James	Louisburg, C. B. Co.
MacLean, Theresa Geraldine	New Waterford, C. B. Co.
MacLellan, Dorothy Kathryn	Pietou
McLellan, Hugh John, B.Sc.	Sydney, C. B. Co.
MacLeod, Ada Verne, B.Sc. (Acadim)	Summerside, P. E. I.
MacLeod, Donald Griffin	(K) Halifax
MacLeod, Dorothy Ann	New Glasgow, Pic. Co.
MacLeod, James Angus	Halifax
MacLeod, James Hall	Pietou
MacLeod, John Norman	Glouce Bay, C. B. Co.
MacLeod, Mary Lou	(K) Pietou
MacLeod, Roderick	Elmsdale, Hants Co.
MacLeod, William Matthew	Halifax
MacMahon, Donald Carleton	Halifax
MacMillan, Allison Chalmers	Black Point, N. B.
MacMillan, Malcolm Graham Peter	Tantallon, Hfx. Co.
MacMillan, May Elizabeth Joyce, B.Sc.	Halifax
MacNamara, Frank Michael	St. Stephen, N. B.
MacNeill, Donald Neil	Sydney, C. B. Co.
MacPhos, Harvey William	Halifax
MacPherson, Margaret Gordon	Bridgewater, Lun. Co.
MacQuarrie, Irena Maureen, B.Sc.	Halifax
McQuinn, John Robert	Halifax
MacRae, Allison DeWitt	Fredericton, N. B.
MacWilliams, Vernon Gregory	Halifax
MacInnes, Gene Elizabeth Fairchild (K)	Halifax
Mader, Christine Winters	Mahone Bay, Lun. Co.
Mahabir, Kisundath	San Fernando, Trinidad, B. W. I.
Mahon, Elizabeth Helen	Halifax
Major, Pauline Isabel	Halifax
Malewin, Donald Andrew Charles	Saint John, N. B.
Malewin, Frederick William	Pureed's Cove, Hfx. Co.
Markley, William James	(K) Quebec, Que.
Marshall, Carolyn Louise	(K) Springfield, Anns. Co.
Marshall, Harold Eugene	Springfield, Anns. Co.
Martin, Marjorie Hazel	Dartmouth, Hfx. Co.
Mason, Shirley Mae Esabel	Upper Sackville, Hfx. Co.
Mathell, Mary Catherine Ann	Hillsboro, N. B.
Matheson, Gordon Robert	Douglas, C. B. Co.
Matheson, Hugh Arnold	Sydney, C. B. Co.
Matheson, George Richard	Halifax
Mayo, Samuel Raymond	Pectan, Nfld.
Meagher, Nicholas Patrick Joseph	Halifax
Meldrum, Wendell Wynn	Bridgewater, Lun. Co.
Menehions, Douglas Charles	Halifax
Menehions, William	Halifax

(K) Enrolled at King's College.

Mercer, Eric Brucewell, B.Sc.	Halifax
Morrison, Richard Kerr	Dartmouth, Hfx. Co.
Morry, Eugene Andrew	Middleton, Anns. Co.
Miller, Donald Job	Shubenacadie, Hants Co.
Miller, Gerald Kevin	Halifax
Miller, Harold Norman	Moncton, Que.
Miller, Helen Irene	Moncton, N. B.
Miller, Mack Mansel	Moncton, Que.
Miller, Mary Yvonne	S. Brookfield, Queens Co.
Milten, Irvine Eugene	St. J., N. B.
Milligan, George Clinton	Halifax
Milne, Peter Lennox	Port of Spain, Trinidad, B. W. I.
Milton, Lena Marie	Petou
Mirgo, James William Edgar	Halifax
Minix, May Duane	Halifax
Misner, Carl Murdoch	Dartmouth, Hfx. Co.
Misick, John Drake	Halifax
Mitchell, Jean Mary	Halifax
Mitchell, John Donald	Dartmouth, Hfx. Co.
Mitchell, Leonard, B.Com.	Halifax
Mitchell, Margorie Clare	Dartmouth, Hfx. Co.
Moragahan, Theresa Marie Veronika	Halifax
Mont, James William	Halifax
Moore, Cepherus Geoffrey, B.Sc.	Dartmouth, Hfx. Co.
Moore, David Saunders	New Glasgow, P.E. Co.
Moore, Philip Henderson	Shubenacadie, Hants Co.
Moschard, John Francis	(K) Fredericton, N. B.
Morera, Arthur William Dennis	St. John's, Nfld.
Morgan, Cyril Reeves	Arncliffe, Hfx. Co.
Morgan, Moss Osborne, B.A.	St. John's, Nfld.
Morley, Lloyd Gordon	Halifax
Morris, William Frederick	Dartmouth, Hfx. Co.
Morrison, Donald James	Halifax
Morrison, Essie Walker	Arncliffe, Hfx. Co.
Morrison, John Taber	Campbellton, N. B.
Morrow, James Benjamin	Lunenburg
Morrow, William Owen	Lunenburg
Morse, Susan Lougley, B.A.	Paradise, Anns. Co.
Mosley, John Frederic Beaurin	Halifax
Mosher, Gerald Alfred	Halifax
Mosher, Modford Carl	Dartmouth, Hfx. Co.
Muir, Dorothy Jean	Windsor, Hants Co.
Munford, Robert Williams	Brosslynn, Queens Co.
Munro, Frederick James	Halifax
Murchison, James Harper	Sydney, C. B. Co.
Murray, Jean Campbell	Dartmouth, Hfx. Co.
Murray, John Walter	Sydney, C. B. Co.
Mussett, Robert Duncan	Halifax
Nafel, Frederick Ernst	Halifax
Nathanson, Jerome Marvin	Sydney, C. B. Co.
Nangle, Glenn Elton	Dartmouth, Hfx. Co.
Naugler, Kenneth Dean	Westville, P.E. Co.

(K) Enrolled at King's College.

Nelands, John Brian, B.S.A. (Ont. Agr. Coll.)	Glou Valley, B. C.
Newfeld, Cornelius Herman Harry	Winnipeg, Man.
Nichols, Edward George	Halifax
Nicholson, Winifred Mary	Dartmouth, Hfx. Co.
Nofels, Jean Irene	Halifax
Notles, Douglas Richard	Amherst, Camb. Co.
Norman, Helen Alice	Halifax
Norman, Howard Jackson	Halifax
Norman, Leverett Morton	Halifax
Nutter, Harold Lee, B.A. (Mt. A.)	Wobford, N. B.
Oakley, Douglas Frederick	Halifax
O'Brien, Harold Beecher	Noel, Hants Co.
O'Brien, Stanley Eugene	Yarmouth
Ogilvie, William Douglas	Halifax
Ord, Marcel Jean	Dartmouth, Hfx. Co.
Orr, Aurdon Clifford	(K) Halifax
O'Shaughnessy, Gerald Alan	Halifax
Padmore, George Francis Bertman (K)	Liverpool, Queens Co.
Page, Charlotte Elizabeth	(K) Toronto, Ont.
Page, Lester John	Halifax
Palmer, Alphon Henderson	(K) Summerside, P. E. I.
Palmer, Carl Vernon	(K) Aylesford, Kings Co.
Palnick, Samuel Hirsch	Montreal, Que.
Parker, Anne McLellan	Halifax
Parsons, David Ralph	Bay Roberts, Nfld.
Parsons, Douglas Alexander	Halifax
Parsons, Ruth Louise	Dartmouth, Hfx. Co.
Paton, Harry Myer	Halifax
Payzant, Geoffrey Barrs	Halifax
Peacher, Shirley Theresa	Halifax
Pearl, Vernon William Montgomery	Kestville, Kings Co.
Peckham, Ralph George	Halifax
Pecharo, Jerry	Halifax
Peutz, Alice Sylvia	Halifax
Pertus, John Wilfred	D'Esposito, Rich. Co.
Peters, Frederick Townsend	Sydney, C. B. Co.
Phillips, Joseph Lloyd	Glace Bay, C. B. Co.
Phillips, Virginia Jane	Halifax
Phinney, Frank Eugene	Merburn Square, Anns. Co.
Piggott, Carmes Lambert	(K) Bridgetown, Anns. Co.
Pitt, Dennis Cecil Charles	Georgetown, St. Vincent, B. W. I.
Pond, Robert William Frederick	Halifax
Pope, William Robert	Halifax
Potter, Charles Erasmus	Halifax
Pothier, Hector Joseph	Yarmouth, Hants Co.
Posals, Harry Peter	Weymouth, Digby Co.
Powell, Helen Grace	Halifax
Power, William Frederick	Petou
Powers, William James	Lakeville, Kings Co.
Press, Douglas Reed	Halifax
Pride, Gideon George	Halifax
Prinz, Harley Corey	Sydney, C. B. Co.
Prinz, Harley Corey	Berwick, Kings Co.

(K) Enrolled at King's College.

Primrose, John Wilson	(K) Halifax
Primrose, Mary Adelaide	(K) Halifax
Proudfoot, James Albert	Inverness
Prosser, Fairlie Christine	Charlottetown, P. E. I.
Publicover, Isaac	Halifax
Purcharse, Donald Walter	Halifax
Purcharse, Samuel Raymond	Leavesden, Nfld.
Purves, James Kent Blair	Halifax
* Pye, Howard James Gordon	Halifax
Quigley, John Howden	Halifax
Quigley, Ross Leonard	Halifax
Quinlan, Catherine Eileen	Kentville, Kings Co.
Ralston, Burnett Alexander, B.Sc. (Acad.)	Halifax
Ramkallup, Pearl	San Fernando, Trinidad, B. W. I.
Rashovan, Ernest	Montreal, Que.
Ratliff, Eleanor Lois	Westville, Pic. Co.
Rauch, Edward	Montreal, Que.
Raymond, Philip Henry	Halifax
Read, Ronald O'Brien	Truro, Col. Co.
Reade, Richard Bruce	Halifax
Reeves, Elizabeth	Sydney, C. B. Co.
Regan, Walter Stephen	Windsor, Hants Co.
Reid, Herbert Walter	Gabarone Barrachois, C. B. Co.
Reid, Neil Douglas	West Saint John, N. B.
Reid, Thera Alice	West Saint John, N. B.
Reyn, Gerald Alfred	Woodside, Hfx. Co.
Rhoads, Henry Burton	Halifax
Rice, Calvin Arthur	Lequille, Anns. Co.
Rice, Donald Benister	Milberton, N. B.
Rice, Donald Ingram	Bedford, Hfx. Co.
Ripley, Donald McLeod	Brockville, Ont.
Risley, Donald Reginald	Bedford, Hfx. Co.
Rivera, Luis Alberto	Maracaibo, Venezuela, S. A.
Roberts, Dolph	Bermistage Bay, Nfld.
Robertson, Mary Josephine	Highgate, Lun. Co.
Robertson, Mary Pender	Halifax
Robinson, Arthur Gilbert	Saint John, N. B.
Robinson, Irene Joyce	Annapolis Royal, Anns. Co.
Roe, David Bryan	(K) Halifax
Rogers, Douglas Herbert	(K) Halifax
Rogers, Frank Leslie	Yarsooth
Rogers, James Donald	Halifax
Rogers, John Rowland	Charlottetown, P. E. I.
Rosnard, Victor	Chatham, Inv. Co.
Roscutt, Lorna Madeline	Bedford, Hfx. Co.
Roscutt, Robert Walter	Dartmouth, Hfx. Co.
Rooseband, James Addison	Tunapuna, Trinidad, B. W. I.
Ross, James Stephenson	Halifax
Rossonfeld, Mendel Alvan	Halifax
Ross, Ian Donald	Waverley, Hfx. Co.
Ross, James Kirkwood	(K) New Glasgow, Pic. Co.

(K) Enrolled in King's College.

Ross, Margaret Grant	Saint John, N. B.
Rowlings, Harry Winfred	Halifax
Rubin, Alan William	Halifax
Rock, Simon Ashbrooke	Salmon Arm, B. C.
Roddieham, William Charles	Sydney, C. B. Co.
Roddis, Margaret Louise	Halifax
Russell, Paul Foster	St. John's, Nfld.
Ryan, Patricia Claire	Halifax
Sandall, Albert Rodney	Halifax
Sankar, Ferdinand Shoo	Kitty, E. C. Demerara, Br. Guiana
Sankin, Benny	Montreal, Que.
Sawiner, Frances Christine	Halifax
Scandies, Catherine Estelle	Stellarton, Pic. Co.
Saunders, James Nisbet	Stellarton, Pic. Co.
Sawler, Joyce Bessie	Bridgewater, Lun. Co.
Sawyer, Douglas Everett	Halifax
Schaefer, Hollys Callbeck Steokton	Halifax
Schrage, Samuel, B.Sc.	Dartmouth, Hfx. Co.
Schwartz, Abraham, B.A.	Halifax
Schwartz, Marjorie Elizabeth	(K) Prince's Lodge, Hfx. Co.
Schwartz, Mary Elizabeth	Halifax
Schwartz, Paul	Halifax
Scott, William Roy	Marston, N. B.
Soderis, Bernoisse Nita	Halifax
Sealey, Robert Archibald King	Hamilton, Bermuda
Sexton, Stephen Joseph	(K) Sydney, C. B. Co.
Seymour, Cecil Gordon	St. John's, Nfld.
Shaford, Robert Chestnut	Saint John, N. B.
Sheehy, Ralph Talbot	Halifax
Shellnutt, Graham Stewart	Halifax
Sheppard, Winifred Florence	Humbermouth, Nfld.
Sherman, Jessie May	Halifax
Sherman, Norma May	Halifax
Sherrill, Brian	(K) Halifax
Shields, Helen Freda	Halifax
Shields, William Evert Donald	Halifax
Shillingford, Thomas Hughos	Castries, St. Lucia, B. W. I.
Short, Edna Dorothy	Corner Brook, Nfld.
Short, Kenneth William	Bedford, Hfx. Co.
Short, Robert Bakewell	Bedford, Hfx. Co.
Silver, Isabel Joyce	Dartmouth, Hfx. Co.
Silver, William Charles Chamberlain	(K) Halifax
Simms, John Aloys	New Glasgow, Pic. Co.
Simpsom, Hugh Hunt	Charlottetown, P. E. I.
Sinclair, Mary Fraser	Thorburn, Pic. Co.
Sinclair, Norman Carmichael	New Glasgow, Pic. Co.
Singh, Walter Sharwan Anandpati	Dollisop, E.C. Demerara, Br. Guiana
Sister John Bosco, B.Sc. (St. F. X.)	Antigonish
Sister Joseph Ignatia, B.Sc. (St. F. X.)	Antigonish
Sister Theresa Carmel, B.A. (Thor.)	Halifax
Siverton, Per Dagfinn	Black's Harbour, N. B.
Skinner, Lyle Alonzo	Louisburg, C. B. Co.

(K) Enrolled in King's College.

Slade, Jabez Hill	Salmon Cove, Nfld.
Slaven, James Raynal	Sydney, C. B. Co.
Slipp, Esels Whitfield	Woodstock, N. B.
Smith, Adam Patterson	Halifax
Smith, Alexander Ralph	Port Hood, Inv. Co.
Smith, Barbara Borden	Annapolis Royal, Anns. Co.
Smith, Charles Hudson	Dartmouth, Hfx. Co.
Smith, Colin Henderson	Regina, Sask.
Smith, Donald Ross	Halifax
Smith, Frank	St. John's, Nfld.
Smith, George Albert	Fredericton Jct., N. B.
Smith, George Alastair Sutherland	Sydney, C. B. Co.
Smith, George Avery	Halifax
Smith, George Robertson	Halifax
Smith, Leonard Fraser	Halifax
Seide, Mary Marjorie Alexandra	Shubenacadie, Hants Co.
Snow, James Murray, B.Sc.	Halifax
Snodgrass, William Herbert	Halifax
Solomon, Aaron Dorachi	Dartmouth, Hfx. Co.
Somers, Louis Wilfrid	Dartmouth, Hfx. Co.
Soper, Plesman Lloyd	Grand Falls, Nfld.
Sorge, Norman Marciosh Moses, (K)	Amherst, Camb. Co.
Spelzer, Robert Gordon	Hogswell, Pse. Co.
Spelzer, Stuart Lyndon	Sussex, N. B.
Spencer, Dorothy Mae	Halifax
Stack, Kathleen	Calgary, Alta.
Stallard, Douglas Arthur	New Glasgow, Pse. Co.
Star, William	Montreal, Que.
Stevens, Crighton Kendall	Halifax
Stevens, Pamela Gwen	Halifax
Stewart, Alex Thompson	Dartmouth, Hfx. Co.
Stewart, Donald Keith Robert	Halifax
St. Helene, Denis Victor	Castries, St. Lucia, B. W. I.
Stirling, Jean Elizabeth	Valleyfield, P. E. I.
Stoddard, James Carmichael	Halifax
Stonsgaard, Lloyd Edwin	Halifax
Studd, Charlotte Hawthorn	Halifax
St. Ville, Laurence Augustin	Halifax, St. Louis, B. W. I.
Sullivan, Bernard Chase Joseph	Halifax
Sullivan, Llewellyn James	St. John's, Nfld.
Sullivan, Ross Ellen, B.A. (Ml. St. V.)	Halifax
Sulsky, Benjamin Victor	Montreal, Que.
Sutherland, Angus Johnston, B.Sc. (Agr.), M.Sc. (McGill)	River John, Pse. Co.
Sutherland, Everett Hiram	Fredericton, N. B.
Swainsburg, Julia Aurelia, B.A.	Amiside, Hfx. Co.
Tanner, Frederick Atnos	Halifax
Tarausk, George Russell	Halifax
Taylor, Cyril Raymond	Shubenacadie, Hants Co.
Taylor, Douglas Dano	Halifax
Teasdale, Clyde Fulton	Dartmouth, Hfx. Co.
Teasdale, Donald Kay	Dartmouth, Hfx. Co.
Thomson, Allan Campbell	Truro, Col. Co.

(K) Enrolled in King's College.

Thistle, Frederick Munroe	Burlington, N. D. Bay, Nfld.
Thomas, Janine Marie	Portland, Maine, U. S. A.
Thompson, Dorothy Jean Catherine, B.A. (Ml. St. V.)	Halifax
Thompson, Edward Prescott, (K)	Burdorf, Hfx. Co.
Thompson, James Newton	Regina, Sask.
Thompson, Kenneth George	Edmonton, Alta. Co.
Thompson, Norma Macdonald, B.A., Ost. F. X. J.	Charlottetown, P. E. I.
Thompson, Warren	Westville, Pse. Co.
Thompson, William Harold	Regina, Sask.
Thorlason, Harold Edison	Dartmouth, Hfx. Co.
Threlby, Herbert Martin	Barton, Digby Co.
Tilson, Jacqueline Mary	Tillsonburg, Ont.
Tingley, Irvine Ira	Halifax
Titus, Arthur Franklin	Dartmouth, Hfx. Co.
Tobin, Edna Grace	Halifax
Tomsday, Timothy George	St. Anthony, Nfld.
Trask, Noel Brown	Yarmouth
Trennan, Beulah Leah	Halifax
Troup, Douglas Roberts, (K)	Bedfordtown, Anns. Co.
Tuck, Robert Critchlow, (K)	Auburn, Kings Co.
Tupper, Errol Ingram	Milton, Queens Co.
Turner, Edgar Thomas	Halifax
Urquhart, Ford Norman	Annapolis Royal, Anns. Co.
Vail, Roy Keith	Halifax
Van Allen, Alexander Cornelius	Halifax
Van Beek, George John	Halifax
Voleoff, Evan Nilsen	Halifax
Verge, Eula Gloria	Halifax
Vibert, James Charles	Stowiaclo, Col. Co.
Vivian, Eric Paul, (K)	Monroe, T. B., Nfld.
Vogler, Evelyn Bertha	Halifax
Vogler, George Bernard	Halifax
Waddell, Winifred Mary Madeleine	Halifax
Wade, Robert Francis	Halifax
Wadup, Rex Stanley	Moncton, N. B.
Waldorf, Verne Ross	Halifax
Walker, Diana Joan, (K)	Halifax
Wallace, Helen Marie	Halifax
Wallace, Neil Paul Gregory	Halifax
Wallace, Vernon Bruce	Halifax
Wallis, Patricia Bernice, (K)	Halifax
Warr, Baxter Ivan Russ	Halifax
Warren, Eldon Stuart	Lewisville, N. B.
Waterfield, Marco Charles	Dartmouth, Hfx. Co.
Watson, Robert Alder	Fredericton, N. B.
Watts, Anne Hibbard Goss, (K)	Halifax
Wenz, John Albert	Mississauga Harbour, Hfx. Co.
Wheatley, Shirley Agnes	Truro, Col. Co.
Webber, Carl Samuel	Halifax

(K) Enrolled in King's College.

Webber, Russell Vincent	Cambridge, Hants Co.
Webster, Austin Rae	Canning, Kings Co.
Webster, Robert McNaught	Yarmouth
Weir, Alexander Edward	Digby
Weir, Donald Andrew	Froggert, Digby Co.
Wellner, Gordon William	Charlottetown, P. E. I.
Whalen, Beryl Marjorie	(K) Halifax
Whesler, Charles Garnet	Halifax
Whidden, Fred Harris	Stilwell, Guys. Co.
White, Barbara Ruth	Saunders, N. B.
White, Catherine Carmel	Halifax
White, William Andrew	Halifax
Whitehouse, Kathleen Lindsay	Juniper, N. B.
Whiteley, John Joseph	Dartmouth, Hfx. Co.
Whiteway, Stirling Giddings	Stellarton, P.E. Co.
Wilbur, Lewis Blake	Moncton, N. B.
Wilett, George Edgar	St. John's, Nfld.
Williams, Robert Harris	Halifax
Wimot, Isabella Ruth	Moncton, N. B.
Wilson, George Alan	Dartmouth, Hfx. Co.
Wilson, James Donald	Dartmouth, Hfx. Co.
Wilson, Mary Ruth	Halifax
Wilson, Nancy Jane	Saint John, N. B.
Winter, George Dean	Montreal, Que.
Withers, Donald George	Halifax
Withrow, Marion MacCaughin	Springhill, Cumb. Co.
Wong, Grace	New Glasgow, P.E. Co.
Wong, Lily Lee-King	New Glasgow, P.E. Co.
Wood, John Alfred	River Hebert, Cumb. Co.
Woods, Hyman Leo	Montreal, Que.
Woodside, Donald Garth	(K) Halifax
Wraithall, Isabel Virginia	Dartmouth, Hfx. Co.
Wright, Rosella Anne	(K) Enfield, Hants Co.
Zwicker, Ronald Eugene	Fairview, Hfx. Co.

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January-July, 1946

Anderson, Henry Maxwell	Annapolis Royal, Anns. Co.
Andrews, Douglas Haig	Loose Beach, N. B.
Aymar, John Delbert	Meteghan River, Digby Co.
Banks, Russell Ewen	Lawrencetown, Anns. Co.
Barrett, Philip James	Halifax
Baxter, Sydney James	Truro, Col. Co.
Becker, Worthy Willott	Yarmouth
Benjamin, Margaret Elena	Brookfield, Col. Co.
Best, Maurice Dourness	Kentville, Kings Co.
Bentley, Homer Donaldson	Five Islands, Col. Co.
Bishop, Willis	Donkin, C. B. Co.
Bonnesen, Arthur Barrell	(K) Chester, Lun. Co.
Brinton, Lawrence Eugene	Langton, Anns. Co.
Burden, Raymond Leslie	Corner Brook, Nfld.
Bulmer, Sidney Douglas Haig	Sackville, N. B.
Burden, Robert Arnold	Springhill, Cumb. Co.
Caldwell, Gordon Wallace	Bristol, N. B.
Cameron, Howard Cranford	Inverness
Campbell, Hugh Dunlap	Middle Steviacke, Col. Co.
Carroll, Alfred Leon	Halifax
Chisholm, Donald Alexander	Halifax
Christie, Gerald Blair	Lordsburg, Col. Co.
Colbourne, Harold Douglas	Bishop's Falls, Nfld.
Courtney, Thomas Francis	Halifax
Cunningham, Joseph David Richard	Shediac, N. B.
Davison, David Lloyd	Dartmouth, Hfx. Co.
Davison, Wilbert Lloyd	Truro, Col. Co.
Davison, William Greenough	Baso River, Col. Co.
Decker, Westworth Burns Lewis	Little Harbour, Shel. Co.
Dooley, Joseph Clarence	Charlottetown, P. E. I.
Doucette, Francis Leo Gengoy	Middleton, Anns. Co.
Ells, Charles Edward	Greenwich, Kings Co.
Ferguson, Kenneth Lionel	Long Branch, Ont.
Faulkner, Guy Herbert	Baso River, Col. Co.
Fawcett, Herman Cyril Clifford	Halifax
Foxles, Douglas Victor	Amherst, Cumb. Co.
Frazier, John Henry	Stellarton, P.E. Co.
Freeman, Garth MacPherson	Pictou
Fullerton, Samuel George Burke	Halifax
Gearty, Francis O'Brien	Halifax
Gibson, Margaret Hoskoth	St. Andrews, N. B.
Gilbert, William Bruce	Windsor Mills, Que.
Giles, Theresia Augustine	Thurston Sta., Cumb. Co.
Gordon, William Vernon	Halifax
Griffin, Derek Selwyn	Toronto, Ont.
Grimm, Stanley Keith	Berwick, Kings Co.

(K) Enrolled at King's College.

Guy, Earl Fredrick	(K) Sydney Mines, C. B. Co.
Hall, Howard Frank Ruggles	Petite Riviere, Lun. Co.
Hathberly, Jack Wylie	River Herbert, Cumb. Co.
Hattie, John Duncan	Caledonia, Guys. Co.
Haughn, Robert Miller	Lunenburg
Heine, Roland Wallace	Norton, N. B.
Hill, Richard Harry Wooding	Northwest, Lun. Co.
Holten, Lindley Guy	Halifax
Holloway, Eric Harold	Halifax
Holloway, Thomas Robert	Halifax
Hood, Charles Henry	Sydney, C. B. Co.
Horne, Lindon Joseph	Waverley, Hfx. Co.
Hoyt, Charles Keith	North Sydney, C. B. Co.
Johnston, Lloyd Clifton	North Sydney, C. B. Co.
Kaulback, Benjamin Charles	Lunenburg
Kitchin, Charlotte Frances	Stellarton, P. E. Co.
Lingley, Kenneth Ralston	Deep Brook, Anns. Co.
MacBain, John Victor	New Glasgow, P. E. Co.
McCarron, Peter Francis	Halifax
MacCormack, Ronald Bernard	St. George's, P. E. I.
McCurdy, Sherburne Graham	Halifax
McDonald, Louis Harris	Halifax
MacDowell, George Ferno	Summerside, P. E. I.
MacIsaac, John Francis	Spryfield, Hfx. Co.
MacKenzie, Arthur Robert	Stellarton, P. E. Co.
MacKenzie, William Herbert	Bedford, Hfx. Co.
McKinney, James Russell	Sumner Hill, N. B.
McLellan, Douglas Eric	Baso River, Col. Co.
MacLeod, John Archibald	New Waterford, C. B. Co.
MacLeod, Weldon Norman	Imperial, Hfx. Co.
MacNeill, Ronald Joseph	Bookingham, Hfx. Co.
MacIsaac, John Cameron	Stellarton, P. E. Co.
Manthorne, Ralph Eugene	Lunenburg
Marshall, Lindsay Roginald	Truro, Col. Co.
Matthews, Kenneth McNeill	New Aberdeen, C. B. Co.
Miller, James Edwin Harris	Halifax
Misner, Carl Mervin	Dieppe, Hfx. Co.
Misick, John Drake	Halifax
Mitchell, Charles Gorham	Halifax
Mitchell, Robert Oscar	Tatamagouche, Col. Co.
Morgan, Garfield Lloyd Albert	Halifax
Morrison, Arthur Lewis	Kentville, Kings Co.
Murphy, Stanley Stewart	Baso River, Col. Co.
O'Regan, Kenneth Roy	Joggins, Cumb. Co.
Oscar, George Gerald	Fredericton, N. B.
Pieroway, George Israel	St. George's, Nfld.

(K) Enrolled at King's College.

Pippy, Harley Edwin	Glass Bay, C. B. Co.
Pothier, Hector Joseph	Weymouth, Digby Co.
Poslain, Charles Edward	New Glasgow, P. E. Co.
Reed, Kenneth Donald	Halifax
Ross, Roy Weldon	Sydney, C. B. Co.
Sawyer, John Bernal	Halifax
Schaefer, Ernest Paul	Arnsdale, Hfx. Co.
Shoem, Floyd St. Clair	East Apple River, Cumb. Co.
Smith, Donald Gilbert	Bridgewater, Lun. Co.
Smith, William Lorne	Halifax
Snaw, Reginald MacPherson	Casco, Guys. Co.
Staple, Douglas John	Fortune Bay, Nfld.
Stead, Geoffrey Richard	Saint John, N. B.
Stewart, William Brenton	Emerald, P. E. I.
Stewart, William Gordon	Halifax
Stout, Kenneth Myles	Moncton, N. B.
Sturk, Edmund Belford	Aylesford, Anns. Co.
Sutherland, Neil Smith	Westville, P. E. Co.
Swanburg, Angus Russell	Arnsdale, Hfx. Co.
Taylor, William Gordon	Hillsboro, N. B.
Thangood, Charles Murdoch	Sydney, C. B. Co.
Tilley, Ronald Henry	St. John's, Nfld.
Tupper, Charles Preston	West River Sta., P. E. Co.
Urquhart, Donald Roland	Stellarton, P. E. Co.
Wallace, William Hector	Halifax
Westcott, Joseph DeWolfe	Oakland, Lun. Co.
Whoothouse, James Marshall	Bear River, Anns. Co.
Whitmore, Charles Ernest	Hantsport, Hants Co.
Wilco, Robert David	Summerside, P. E. I.
Wood, Harold Lloyd	Pegwas Jet., Cumb. Co.
Wood, William Charles	Halifax

(K) Enrolled at King's College.

Registered for Examinations Only

Bloomer, Julian Cyril Scott	Halifax
Cameron, Hugh Frederick	New Glasgow, Pse. Co.
Fossey, Anthony Elias	Kingston, Jamaica, B. W. I.
Hyslop, Jack Earle	Springfield, Hfx. Co.
Ibsen, George Frederick	Halifax
Jeffrey, Thomas Ignatius	Greggsda, B. W. I.
MacLeod, Joan	Halifax
Purdy, John Alexander	Bellford, Hfx. Co.
Sarsen, Edwin Margaret	Sealberton, Pse. Co.
Savary, Margaret Eleanor	Halifax
Shand, George Edward	Parroboro, Cumb. Co.
Throckton, Donald Spengale	Halifax
Wood, William Charles	Strasbourg, Sask.

FACULTY OF LAW

Third Year

Butler, Allan Hawkins	Halifax
Claszy, Frances Gertrude	Vancouver, B. C.
Fossey, Thomas Gregory	Campbellton, N. B.
McCreave, Robert Jardine, B.A.	Fredericton, N. B.
MacIntosh, Alexander Murdoch	New Glasgow, Pse. Co.
MacKay, Duncan Hugh, B.A.	Myer's Pt., Hfx. Co.
Martin, Frederic Shaw	New Perth, P. E. I.
Richardson, Raymond Harvey	Halifax
Sheffman, Abraham, B.A.	St. John's, Nfld.

Second Year

Batt, Hilard Graham	Charlottetown, P. E. I.
Black, Donald Johnson	Amherst, Cumb. Co.
Blakeney, Allan Emory, B.A.	Bridgewater, Lun. Co.
Burnett, James Evelyn	Charlottetown, P. E. I.
Chisholm, Duncan John	Antigonish
Cuzner, Roy Henderson, B.Sc. (Indiana Tech.)	Halifax
Haley, Martin, B.A. (St. F. X.)	Halifax
Hart, Alexander Henry	Dartmouth, Hfx. Co.
Hatfield, Byron Maxwell	Halifax
Havey, Clifton Bernard, B.A., B.Sc. (B.Ed. Acadia)	Stewiacke, Cal. Co.
Hoadley, James McLeod, B.A.	Halifax
Hickman, Thomas Alexander	Grand Bank, Nfld.
Kemney, Kendall James	New Germany, Lun. Co.
MacGillivray, Angus Boyd	Antigonish
MacLeod, Lawrence Melville	Imperoyal, Hfx. Co.
Miffin, Arthur Samuel	Catalina, Nfld.
Nicholson, John Paton	Charlottetown, P. E. I.
O'Hearn, Peter Joseph Thomas	Halifax
Ross, John Allister	Sydney, C. B. Co.
Taylor, Frederic Savary, B.A.	Rothsay, N. B.

First Year

Arlott, Llewellyn Philip	Toronto, Ont.
Armstrong, David, B.A. (Acadia)	Granville Ferry, Anns. Co.
Beardon, Richard Perry	Halifax
Blais, Robert Henry Neil, B.Com.	Halifax
Brown, Gordon Herbert Mason, B.A. (Mt. A.)	Saint John, N. B.
Butler, Robert James	Halifax
Chipman, Donald Lewis, B.A. (Mt. A.)	Yarmouth
Chipman, William George, B.A. (Acadia)	Bridgetown, Anns. Co.
Charrell-Smith, Alan David	Halifax
Clements, Lester Lawrence, B.A. (Acadia)	Wolfville, Kings Co.
Croghan, William Lawrence Marvin	Moncton, N. B.
Cropan, James Joseph Daniel, B.A. (Ottawa)	Richmond, P. E. I.
Crews, Patrick John Rowell	Glace Bay, C. B. Co.
Cummings, Henry Hickman, M.A.	St. John's, Nfld.
Daig, David Norman Watson, B.Com.	Halifax
Drury, John Stewart, B.A. (Mt. A.)	Amherst, Cumb. Co.
Durmet, Gordon, B.A. (U. of Sask.)	Halifax
Dunnison, Robert James Coulston	Montreal, Que.
Eaton, Keith Emerson, B.A. (Acadia)	Wolfville, Kings Co.
Eisenhauer, Harry MacDonald	Lower LaHave, Lun. Co.
Foster, Gerald Raymond	Charlottetown, P. E. I.
Friel, Donald James, B.A. (St. F. X.)	Moncton, N. B.
Fulberton, Wallace James	Parroboro, Cumb. Co.
Fulberton, William Bruce	Parroboro, Cumb. Co.
Giles, Thomas Augustine	Thomson Sta., Cumb. Co.
Gillis, Donald Joseph, B.A. (St. F. X.)	Doctor's Brook, Ant. Co.
Gillis, John Francis	Margaree Forks, Inv. Co.
Halley, James John	St. John's, Nfld.
Harrigan, Gordon Friggen	Sydney, C. B. Co.
Hart, Gordon Leavitt Shaw	Halifax
Hartling, Arthur Charles	Halifax
Hawkins, George Stewart, B.A.	Milford Sta., Hants Co.
Lelliane, Vincent John Gaultbert	Stuics Point, Yarmouth Co.
Lovelace, James Cameron	Sydney, C. B. Co.
MacAdam, Hugh Gerald, B.A. (St. F. X.)	Margaree Harbour, Inv. Co.
MacDonald, Ernest Finlay	Sydney, C. B. Co.
MacDonald, John Joseph Andrew	Halifax
MacDonnell, Hugh John, B.A. (St. F. X.)	New Glasgow, Pse. Co.
MacEachern, Alexander Donald, B.A. (St. F. X.)	Port Hood, Inv. Co.
MacEwan, Howard Russell, B.A. (Mt. A.)	Westville, Pse. Co.
MacIntosh, Alexander John, B.A.	Stellarton, Pse. Co.
McKay, George Alexander	Halifax
MacLean, Ann Elsie	Pt. Hawksbury, Inv. Co.
MacLean, James Leslie	Halifax
MacLellan, David Kirkpatrick Stewart	Halifax
MacLellan, Donald Benson, B.Sc. (Acadia)	New Glasgow, Pse. Co.

MacLellan, Robert Simpson, B.A. (St. F. X.)	Sydney, C. B. Co.
MacLeod, John Donald	Halifax
MacNeil, Donald Campbell	Sydney, C. B. Co.
Mears, Merrill Arthur	St. Andrews, N. B.
Meldrum, Wendell Wyan	Bridgewater, Lun. Co.
Mitchell, Leonard, B.Com.	Halifax
Morrison, Vincent Alan James, B.A. (St. F. X.)	Sydney, C. B. Co.
Murphy, Gerald Floyd	Sydney, C. B. Co.
Nickerson, Bruce MacLellan	Halifax
Patterson, Alexander William	Sydney, C. B. Co.
Patton, John MacMillan Stevenson, B.Sc. (Queen's)	Kingston, Ont.
Price, Neil Gladstone, B.A. (Acadia)	St. John's, N. B.
Roach, Angus Joseph, B.A. (St. F. X.)	New Waterford, C. B. Co.
Roddian, Keith Edgar William	New Glasgow, P.E. Co.
Rogers, Edmund Ormsby, B.A. (Acadia)	Yarmouth
Ryan, Murray James, B.A. (St. F. X.)	North Sydney, C. B. Co.
Smith, Charles Davis	Toro, Col. Co.
Smith, Donald MacKenna	Halifax
Soper, Plesam Lloyd	Grand Falls, Nfld.
Sutherland, Alexander Kent	Canning, Kings Co.
Thomas, William Alfred	Halifax
Vaughan, David Lisle, B.A. (U.B.C.)	Vancouver, B. C.
Vedrite, Hugh Hubert	Middleton, Anns. Co.
Walker, Philip Harry Gillespie	Halifax
Warner, Donald Murray	Halifax
Watson, Franks Joseph	Hamilton, Ont.
Williams, Thomas Alexander, B.A. (Mt. A.)	Point Tupper, Rich. Co.
Wilson, Kenneth Gerard	Halifax
Wylie, Norman Victor Kitchener	St. John's, Nfld.
Yeoman, Mark Mackay, B.A. (St. F. X.)	Annapolis Royal, Anns. Co.
Zatzman, Myer	Halifax

Special Students

Black, Gordon Barzad	Halifax
Black, Roderick MacDonald	Amherst, Camb. Co.
Harris, Jack Edmund	Humber Bay, Ont.
Hunt, Douglas Charles	St. John's, Nfld.
Kolanko, Michael	Sydney, C. B. Co.

FACULTY OF MEDICINE

Fourth Year

Archibald, David McDougall, B.Sc.	Glace Bay, C. B. Co.
Atkins, Ainsley Scott, B.Sc.	New Glasgow, P.E. Co.
Campbell, James Stewart	Beaver River, Digby Co.
Clark, Donald Storey	Halifax
Colquhoun, Graham Fraser	North Sydney, C. B. Co.
Dave, Gerald Amphill	St. John's, Nfld.
Faunty, Lloyd	Kingston, Jamaica, B. W. I.
Giberson, Raymond George	Path, N. B.
Johnson, Arthur Drysdale	Grand Village, Col. Co.
Levitz, Bernard David	St. John's, Nfld.

Lindsay, Donald Stuart	Halifax
Loder, Peter Godfrey	Corner Brook, Nfld.
MacKenna, Douglas Hugh	Sydney Mines, C. B. Co.
Madison, William Stewart, B.A. (U.B.C.)	Vancouver, B. C.
Miller, Charles Patrick, B.A., B.Sc. (St. F. X.)	Halifax
Moffatt, Garfield MacLeod, B.A. (Mt. A.)	Sydney, C. B.
Redmond, Edwin Benedict	Corner Brook, Nfld.
Reschke, Radson Gledin, B.Sc. (Acadia)	Westville, P.E. Co.
Roach, Joseph Aloysius	New Waterford, C. B. Co.
Robinson, Harlan Josephine	Marysville, N. B.
Rodger, Kenneth Clark, B.Sc. (Mt. A.)	Amherst, Camb. Co.
Standers, George McKenna	Stellarton, P.E. Co.
Sheppard, George Graham	Sydney, C. B. Co.
Smith, Donnie Watson, B.A. (Mt. A.)	Shubenacadie, Hants Co.
Sternett, Henry Haich Dent, B.A. (Harvard)	Washington, D. C., U. S. A.
Titus, Arthur Winston	Yarmouth
Vaughan, James Avery, B.Sc. (Acadia)	Windsor, Hants Co.
Washburn, Robert Edwin	West Saint John, N. B.
Wilson, George Ivan	New Dominion, P. E. I.

Third Year

Acker, Melvin Irving	St. Stephen, N. B.
Allen, Lloyd Shorge	Sussexville, P. E. I.
Burdett, Lorne Houston	Dundas Centre, P. E. I.
Carton, Arthur Kevin	Fairville, N. B.
Cleveland, Eric Joseph, B.Sc., M.A.	Halifax
Cox, Lloyd Sutherland	Morell, P. E. I.
Doson, Marcus Allison	Freetown, P. E. I.
Drysdale, Kenneth Douglas, B.Sc.	Halifax
Earle, Thomas Harvie	Dorchester, N. B.
Epston, Nathan Benzie	New Waterford, C. B. Co.
Fanjoy, Ray Wilfred	Young's Cove Rd., N. B.
Fraser, Richard Cameron	New Glasgow, P.E. Co.
Freedman, Louis Herbert	Saint John's, N. B.
Grant, Robert Silver	Halifax
Jay, Clifton Joseph	Stephenville, Nfld.
Lee, Earl Robert, B.Sc. (St. F. X.)	Frederton, N. B.
Levitz, Abraham	St. John's, Nfld.
Lisle, Randolph Anthony Lopez	Kingston, Jamaica, B. W. I.
McGillivray, Joseph Irving	Amherst, Camb. Co.
MacLennan, Neil Kenneth	New Glasgow, P.E. Co.
Metcalfe, Donald Carey Francis, B.A. (U.N.B.)	Saint John, N. B.
Milton, Gordon Lockhart	Campbellton, N. B.
Misener, Francis Joseph, B.Sc. (St. F. X.)	Glace Bay, C. B. Co.
Neary, Angus James	St. John's, Nfld.
Neuman, Gregory Martin Albert, B.Sc. (McGill)	Corner Brook, Nfld.
Ray, Douglas Leonard	Halifax
Rusted, Ian Edwin Lawman Hollands	Charbonar, Nfld.
Saunders, Allison Leeman	B. A. (Tor.), Charlottetown, P. E. I.

Shaw, Walter Maynard.....	Clyde River, P. E. I.
Sigsworth, Pius Manning Walker.....	Newport, P. E. I.
Stevenson, Lorne John.....	St. John's, Nfld.
Sutherland, Daniel Lawrence.....	Pictou
Thorpe, Ronald Vincent, B.Sc. (Acadia).....	Kentville, Kings Co.
Webber, Freeman Byron, B.A. (Acadia).....	Cambridge, Hants Co.
Wilson, James Alfred Scott.....	Berwick, Kings Co.
Wright, Charles Stewart.....	Toronto, Ont.

Second Year

Algo, Gordon Haig.....	Moncton, N. B.
Arkie, Daphne Winifred.....	Botwood, Nfld.
Auld, Robert Waldron.....	Fresdown, P. E. I.
Balmanno, James Taylor.....	Joggins, Cumb. Co.
Bennell, Mack Lorne.....	Charlottetown, P. E. I.
Bronnan, Donald Sinclair, B.Sc. (Acadia).....	Kentville, Kings Co.
Brown, James Robert.....	New Glasgow, P. Co.
Burper, Edward Glennie, B.A. (M.Sc.) (U. of W. Ont.).....	St. Thomas, Ont.
Cantwell, Joseph Francis.....	St. John's, Nfld.
Chambers, James Gordon.....	North Sydney, C. B. Co.
Clayden, Gerald Bechborough.....	Moncton, N. B.
Connelly, William Clifford.....	Bathurst, N. B.
Davis, Gerald Ernest.....	Oxford, Cumb. Co.
Day, Cecil Maurice.....	Moncton, N. B.
Eaton, Reginald Curren, B.Sc. (Acadia).....	Pictou
Favretto, Frank Hyacinthas, B.Sc. (St. F. X.).....	New Waterford, C. B. Co.
Frazer, James Little, B.A. (U.B.C.).....	Vancouver, B. C.
Fulfer, Stewart Carlyle.....	Yarmouth
Hickey, Frank Kevin.....	St. John's, Nfld.
Hier, David, B.Sc.....	Montreal, Que.
Hirsch, Solomon, B.Sc.....	Sydney, C. B. Co.
Hirtle, Lloyd Roy.....	Halifax
Hunter, Helen MacKay, B.Sc.....	Halifax
Jacobson, Horace Harold, B.Sc. (U.N.B.).....	Saint John, N. B.
Johnson, Auley Edmund.....	Great Village, Col. Co.
Karrol, Israel, B.A. (Mt. A.).....	Sydney, C. B. Co.
Keating, Douglas Willard Blake.....	Moncton, N. B.
Knight, Arthur Law, B.Sc.....	Pt. de Chese, N. B.
Lesser, Joseph Harris.....	Saint John, N. B.
MacInnis, Donald Ross, B.Sc.....	Shubenacadie, Hants Co.
McKeough, Liam Legno.....	Sydney Mines, C. B. Co.
MacLellan, John Fraser.....	Sydney, C. B. Co.
MacLeod, Angus Alexander.....	Leone Valley, P. E. I.
MacQuarrie, Robert Waldron.....	Souris, P. E. I.
Meyer, Alvin Robert.....	Bushy's Falls, Nfld.
Miller, Robert Bruce.....	Charlottetown, N. B.
Moreside, James William.....	Charlottetown, P. E. I.
O'Neil, Thomas John.....	Mundare, Alta.
Ragby, John Edward, B.Sc. (Mt. A.).....	St. Andrew, N. B.
Randall, Lucrezia Gordon.....	New Glasgow, P. Co.
Reas, Harold Gordon.....	St. Stephen, N. B.
Smith, Ora Robert.....	Moncton, N. B.
Stephen, James Leonard.....	Saint John, N. B.
Teale, Stanley Nelson.....	Granby, Conn., U. S. A.
Therault, John Charles.....	Halifax
Tompkins, Myles Gregory.....	Deminton, C. B. Co.

Townsend, Francis Ralph.....	Louisburg, C. B. Co.
Tulk, Raymond George.....	Halifax
Van Harsorn, Lawrence Stickney, B.A. (Queen's).....	Tidalo, Sask.
Whelan, Patrick Joseph.....	St. John's, Nfld.

First Year

Alexander, Charles John, B.Sc. (U.N.B.).....	Saint John, N. B.
Ashley, Patrick Farrell Michael.....	St. John's, Nfld.
Bathcock, George William.....	St. Mary's, Nfld.
Black, Norman Seymour.....	Amherst, Cumb. Co.
Boudreau, John Francis.....	Halifax
Burley, Malcolm Percy.....	Andover, N. B.
Bursey, Phyllis Dorena.....	Moncton, N. B.
Butler, Reginald Howler.....	Carletonar, Nfld.
Campbell, Duncan Alexander.....	Bridgewater, Lun. Co.
Chowder, Robert Angus.....	Moncton, N. B.
Cobwell, Gaetan James Henry.....	Halifax
Cowan, John David Earle.....	St. John's, Nfld.
Flight, George Hubert.....	Kitchener, Ont.
Foster, Thomas Ainslie.....	New Glasgow, P. Co.
Fraser, George MacDonald.....	New Glasgow, P. Co.
Giblin, Carl Cleveland.....	Halifax
Gould, William Ivan, B.A. (Mt. A.).....	Amherst, Cumb. Co.
Hill, George Urquhart, B.A. (Mt. A.).....	Pictou
Johnston, James William Derek.....	Halifax
Kirkpatrick, Donald Hartley.....	Halifax
Lawson, Robert David.....	Bell Island, Nfld.
Linsgar, Kevin Leonard.....	St. John's, Nfld.
McCarthy, John William, B.Sc. (St. F. X.).....	Moncton, N. B.
MacDonald, Frederick Robert.....	Halifax
MacDonald, George Joseph Barnhill.....	Dorchester, N. B.
Macdonald, James Arthur.....	Kentville, Kings Co.
MacEwen, Almon Ray.....	St. Peter's Bay, P. E. I.
MacInnis, James Adrian.....	Armdale, Hfx. Co.
MacKay, Ronald Dickie, B.A. (U.B.C.) M.A. (Tor.).....	Vancouver, B. C.
McLeod, Allan John.....	Dundas Centre, P. E. I.
MacPherson, Archibald Moland.....	Wolfville, Kings Co.
MacPherson, Donald Moland.....	Wolfville, Kings Co.
MacWilliam, Herbert Dawson.....	McAdam, N. B.
May, Gerald Arthur.....	McAdam, N. B.
Mendelson, Myer, B.A.....	Moncton, N. B.
Merton, Bruce St. Clair, B.Sc. (Acadia).....	Yarmouth
Myrden, James Allan.....	Halifax
O'Connell, Charles Lee, B.Sc. (St. F. X.).....	Curling, Nfld.
O'Driscoll, Robert Francis.....	St. John's, Nfld.
Perchank, Morris.....	Saint John, N. B.
Phillips, Herbert Ralph.....	Richmond, P. E. I.
Robbins, James Henry Lloyd.....	Kensross, P. E. I.
Ryan, John Martin, B.Sc. (St. F. X.).....	St. John's, Nfld.
Ryan, Joseph Alphonsus.....	Bathurst, N. B.
Shoars, Arthur Howard.....	Glace Bay, C. B. Co.
Siniewicz, David James, B.A. (U.N.B.).....	Halifax
Simpson, Richard Gordon.....	Bayview, P. E. I.
Stevenson, Lois Roberts, B.Sc. (Acadia).....	Sydney, C. B. Co.

Warr, Owen George	Halifax
Wensing, Andrew Stewart	Sydney, C. B. Co.
Wilansky, Donald Cyril	St. John's, Nfld.
Williams, John Gordon	St. John's, Nfld.

Special Students

Carter, Elizabeth Viola	St. John's, Nfld.
Cowan, Lorraine Isabel	Winnipeg, Man.
Dickinson, Thurston Eugene	Woodstock, N. B.
Etier, Mona Phyllis	Shubenacadie, Hants Co.
Fraser, Hilda Elizabeth	New Glasgow, P. E. Co.
Grant, Jess Elizabeth	Dunsmore, Sask.
Harshman, Mary Eudora	Sydney, C. B. Co.
Lightfoot, Harold John	Halifax
Morse, Helen Winifred	Kentville, Kings Co.
Mossman, Joan Constance	Rose Bay, Lun. Co.

FACULTY OF DENTISTRY

Third Year

Burke, John Francis	Sydney, C. B. Co.
Chernin, Sidney	Glouce Bay, C. B. Co.
Casack, Corneilus Gullivan, B.A., B.Sc. (St. F. X.)	Sydney, C. B. Co.
Dubinsky, Harry, B.Sc.	Sydney, C. B. Co.
Hineh, Arthur Thomas	Halifax
McDonald, Alexander Vincent, B.Sc. (St. F. X.)	New Waterford, C. B. Co.
McMaster, Vincent Alfonso	Sydney, C. B. Co.
Pinto, Donald Gordon	Halifax
Steinemann, Arthur	Halifax
Zappler, Harry Sil.	Halifax

Second Year

Dalton, Ormond Edward, B.Sc. (St. F. X.)	Summerside, P. E. I.
Darcy, James Michael	St. John's, Nfld.
Gauss, Cyril	Sydney, C. B. Co.
Hardy, John Everett	Galenus Barrachois, C. B. Co.
MacMurdo, William Archibald	Summerside, P. E. I.
McNee, Sydney John	Glouce Bay, C. B. Co.
MacNeil, Donald Brendan	Sydney Mines, C. B. Co.
Stevens, Donald Cordie	Moncton, N. B.
Taylor, Holden Frederick	Yarmouth

First Year

Dexter, Carl Edmund	Halifax
Dexter, Earl Freeman	Halifax
King, Wilson Charles	St. John's, Nfld.
Maenell, William Hamilton, B.Sc. (St. F. X.)	Sydney Mines, C. B. Co.
Remault, Oscar Joseph	Campbellton, N. B.
Schurmeier, Edwin Leo	Bridgewater, Lun. Co.
Simon, Philip, B.A. (Mt. A.)	Glouce Bay, C. B. Co.
Whyte, Eric James	Sydney Mines, C. B. Co.

TIME TABLES—1946-47.

ENGINEERING

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
First Year						
9	Chem. 1	Drawing 1	Chem. 1	Drawing 1	Chem. 1	Math. I (Practical)
10	Math. 1	Surveying 1	Physics 1	Math. I (Practical)	French 1	French 1
11	Engl. IA or I		Math. 2	French 1	Math. 2	Engl. IA or I
12	Engl. IA or I		Engl. IA or I			
2:30 to 3:30		Drawing 1	Chem. 2	Drawing 1		
Second Year						
9	Comm. IA	Comm. IA	Comm. IA	Comm. IA	Comm. IA	Drawing 2
10	Physics 2	Chem. 2	Physics 2	Chem. 2	Physics 2	Surveying 2
11	Math. 2		Math. 2		Math. 2	Math. 2
12	Engl. I, IA or I		Engl. I, IA or I		Engl. I, IA or I	
2:30 to 3:30					Physics 2	
Third Year						
9	Math. 3	Physics 3	Math. 3	Physics 3	Math. 3	
10	Engl. 1		Engl. 1		Engl. 1	
11	Math. 4	Math. 4	Math. 4	Math. 4	Math. 4	Math. 4
12	Math. 4		Math. 4		Math. 4	
2:30 to 3:30		Engl. 1	Physics 3	Drawing 3		

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. IA or I		Engl. IA or I		Engl. IA or I	
13	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.	Biol. Lab.	
14	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.	Biol. Lab.	
15	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.	Biol. Lab.	
Second Year						
9	Chem. 2	Chem. 2	Chem. 2	Chem. 2		
10	History 20	History 20	History 20	History 20	History 20	
11						
12						
13	Chem. Lab.	Zool. 2	Chem. Lab.	Zool. 2	Chem. Lab.	
14	Chem. Lab.	Zool. 2	Chem. Lab.	Zool. 2	Chem. Lab.	

EDUCATION

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9	Phys. Ed. A.	Educ. 3 (A)	Educ. 3 (A)	Educ. 4 (A)	Phys. Ed. A.	
10	Educ. 2 (A)	Educ. 1 (B)	Educ. 2 (A)	Educ. 4 (A)	Educ. 4 (B)	
11	Educ. 3		Educ. 3 (B)			
12						
13						
14	Educ. 3	Educ. 3 (B)	Educ. 1	Educ. 4 (A)	Educ. 1	
15						