

Archives C-11

15-03

Dalhousie University

HALIFAX

Nova Scotia



CALENDAR

1950-1951

LECTURE TABLE—ARTS AND SCIENCE—1950-51

Year	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9	Biology 6 Chem. 1 Comm. 2 Elem. Civ. 3 Elem. 2 English 1* German 2 History 2 Math. 1 (1) Math. 2 Physics 4 Psychol. 3 Spanish IA (1) Zoology 2	Biology 1 Commerce 1 Comm. 11 Elem. 1 Elem. 3A English 11 French 1 (1) French 2 (1) German 1 History 13 Philos. 1 Physics 4 Psychol. 4* Zoology 2	Biology 6 Chem. 1 Elem. Civ. 3 Elem. 2 Elem. 3A English 11 French 9 German 2 History 1 Math. 1 (1) Math. 2 Physics 4 Psychol. 3 Spanish IA (1)	Biology 1 Comm. 1 Comm. 11 Elem. 1 Elem. 3A English 11 French 9 German 2 History 1 Math. 1 (1) Math. 2 Physics 4 Psychol. 3 Spanish IA (1) Zoology 2	Chem. 1 Comm. 1 Elem. 3 Elem. 3B Elem. 3C French 2 (2) French 2 German 1 History 1 Latin 1 (1) Latin 2 (1) Latin 3 (1) Latin 4 (1) Physics 2 Psychol. 3 Spanish IA (2)	Biology 1 Comm. 1 Elem. 3 Elem. 3B Elem. 3C French 2 (2) French 2 German 1 History 1 Math. 1 (1) Math. 2 (1) Math. 3 (1) Physics 2 Psychol. 3 Spanish IA (2)	Biology 1 Comm. 1 Elem. 3 Elem. 3B Elem. 3C French 2 (2) French 2 German 1 History 1 Math. 1 (1) Math. 2 (1) Math. 3 (1) Physics 2 Psychol. 3 Spanish IA (2)
10	Chem. 4 Commerce 4 Elem. 2A, 2B English 14 French 1 (1) Geology 1 Elem. Greek History 3 History 11 Math. 1 (1) Math. 2 (1) Math. 4 Physics 2 Psychol. 3 Spanish IA (2)	Chem. 2 Commerce 2 Comm. 2 Elem. 2 Elem. 2B French 2 (2) German 1 Geology 2 Greek 1 Latin 1 (1) Latin 2 (1) Latin 3 (1) Latin 4 (1) Physics 2 Psychol. 3 Metric Spanish Survey 1	Chem. 4 Comm. 4 Elem. 2A, 2B Elem. 2B French 1 (2) French 2 Geology 1 Elem. 3A Elem. 3B French 2 (1) German 2 Geology 2 Greek 2 Latin 1 (1) Latin 2 (1) Latin 3 (1) Latin 4 (1) Physics 2 Psychol. 3 Metric Spanish Spanish IA (1)	Chem. 4 Comm. 4 Elem. 2A, 2B Elem. 2B French 1 (2) French 2 Geology 1 Elem. 3A Elem. 3B French 2 (1) German 2 Geology 2 Greek 2 Latin 1 (1) Latin 2 (1) Latin 3 (1) Latin 4 (1) Physics 2 Psychol. 3 Metric Spanish Spanish IA (1)	Comm. 4 Elem. 4B Elem. 4C French 2 (2) French 2 German 1 History 1 History 11 Math. 1 Math. 2 (1) Math. 3 (1) Physics 2 Psychol. 3 Spanish IA (2)	Chem. 4 Commerce 2 Elem. 4B Elem. 4C French 2 (2) French 2 German 1 History 1 History 11 Math. 1 Math. 2 (1) Math. 3 (1) Physics 2 Psychol. 3 Spanish IA (2)	Chem. 4 Commerce 2 Elem. 4B Elem. 4C French 2 (2) French 2 German 1 History 1 History 11 Math. 1 Math. 2 (1) Math. 3 (1) Physics 2 Psychol. 3 Spanish IA (2)
11	Chem. 7 Commerce 3 Elem. 3 Elem. 1 English 11 Elem. French German IA (1) History 12 Latin 1 (1) Latin 2 (1) Math. 1 Math. 2 (1) Physics 1 Physics 2 Physics 7	Commerce 10 Elem. 2 Elem. 3 Elem. 3B English 9 French 1 (1) French 1 (2) German 1A (1) German 1A (2) Elem. Latin Latin 1 (1) Latin 2 (1) Math. 1 Math. 2 Math. 3A Psychol. 11 Spanish 2	Chem. 7 Comm. 3 Elem. 3 Elem. 1 English 11 Elem. French German IA (1) German IA (2) Elem. Latin Latin 1 (1) Latin 2 (1) Math. 1 Math. 2 (1) Math. 3A Physics 1 Psychol. 11 Spanish 2	Commerce 10 Elem. 2 Elem. 3 Elem. 3B English 9 French 1 (1) French 1 (2) German 1A (1) German 1A (2) Elem. Latin Latin 1 (1) Latin 2 (1) Math. 1 Math. 2 (1) Math. 3A Physics 1 Psychol. 11 Spanish 2	Commerce 3 Elem. 1 Elem. 3 Elem. French German IA (1) History 12 Latin 1 (1) Latin 2 (1) Math. 1 Math. 2 (1) Physics 1 Psychol. 4 Spanish 2	Commerce 10 Elem. 2 Elem. 3 Elem. 3B English 9 French 1 (1) French 1 (2) German 1A (1) German 1A (2) Elem. Latin Latin 1 (1) Latin 2 (1) Math. 1 Math. 2 (1) Math. 3A Physics 1 Psychol. 4 Spanish 2	Commerce 10 Elem. 2 Elem. 3 Elem. 3B English 9 French 1 (1) French 1 (2) German 1A (1) German 1A (2) Elem. Latin Latin 1 (1) Latin 2 (1) Math. 1 Math. 2 (1) Math. 3A Physics 1 Psychol. 4 Spanish 2
12	English 1 English IA English 2 Greek 1 Metric Elem. Russian St. Russian Social 3	Geology 3 Metric, German German 3 Greek 1 Metric Philos. 2 Elem. Russian St. Russian Social 3	English 1 English IA English 2 Greek 1 Metric Philos. 2 Elem. Russian St. Russian Social 3	Metric, German German 3 Greek 1 Metric Philos. 2 Elem. Russian St. Russian Social 3	English 1 English IA English 2 Greek 1 Metric Philos. 2 Elem. Russian St. Russian Social 3	Metric, German German 3 Greek 1 Metric Philos. 2 Elem. Russian St. Russian Social 3	Metric, German German 3 Greek 1 Metric Philos. 2 Elem. Russian St. Russian Social 3
2-18	Commerce 4 History 9 History 14 Elem. Latin Elem. 1 Elem. 3 Zoology 3	Biology 3 Elem. 7 German 4 History 4 Elem. Greek Metric 4 Zoology 2	Commerce 4 History 7 History 14 German 4 History 4 Elem. Greek Metric 4 Zoology 2	Biology 3 Elem. 7 German 4 History 4 Elem. Greek Metric 4 Zoology 2	Commerce 4 Elem. 7 History 14 Metric 1 Spanish 1 Spanish 2 Zoology 2	Commerce 4 Elem. 7 History 14 Metric 1 Spanish 1 Spanish 2 Zoology 2	Commerce 4 Elem. 7 History 14 Metric 1 Spanish 1 Spanish 2 Zoology 2
2-20	Phil. Lit. English 12 Pol. Sc. 1	Commerce 12 English 4 French 2 Zoology 10	Philos. 4 Elem. Arts Psychol. 8*	Elem. 6 English 4 Geology 4 French 3	Elem. 6 English 4 Geology 4 French 3	Phil. Lit. Elem. 6 Elem. Arts Pol. Sc. 1	
4-10	Philos. 4 Psychol. 8*	Philos. 4 Elem. Arts Psychol. 8*	Elem. 6 Elem. Arts Psychol. 8*	Elem. 6 Elem. Arts Psychol. 8*	Elem. 6 Elem. Arts Psychol. 8*	Elem. 6 Elem. Arts Psychol. 8*	

*Honor Courses.

Dalhousie University

HALIFAX

Nova Scotia



CALENDAR

1950-1951

Dalhousie University

HALIFAX



CALENDAR

1821-1822

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

The Corner Stone of this College
DESIGNED FOR

A PUBLIC SEMINARY

in which the Youth of this and other
BRITISH PROVINCES may be EDUCATED in the
Various Branches of Literature, Science & Useful Arts
WAS LAID

By His Excellency Lieutenant General
The Right Honourable

GEORGE RAMSAY EARL OF DALHOUSIE

Baron Dalhousie of Dalhousie Castle
Knight Grand Cross of the Most Honourable
Military order of the Bath, CAPTAIN GENERAL
and GOVERNOR in CHIEF in and over his Majesty's
Provinces of LOWER CANADA, UPPER CANADA,
NOVA SCOTIA and NEW BRUNSWICK and
THE ISLANDS of PRINCE EDWARD & CAPE BRETON,
&c. &c. &c.

Accompanied by
Rear Admiral Griffith & the Captains of His
MAJESTY'S SQUADRON of the SEA FORT, COLONEL GEORGE MACRUR
COMMANDANT OF THE GARRISON, LIEUT. COLONEL GAUNTLET
Commanding the 62nd REGIMENT and the Field Officers of His
Majesty's Forces in this GARRISON &c. &c. &c.

John George Dyke 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, 1950-1951

1950

- Aug. 21 M.—Last day for receiving applications* for Fall Supplemental Examinations.
- Sept. 5 Tu.—Registration (and Payment of Fees) for students in Medicine (all years), and Dentistry (1st and 2nd years). Session begins.
- Sept. 5 Tu.—Supplemental Examinations for students in Law**, Medicine, and Dentistry begin.
- 11 M.—Noon. Registration for students in Medicine and First and Second Year Dentistry ends.
- 12 Tu.—Session begins. Registration (and Payment of Fees) for students in Law, Dentistry (3rd and 4th years).
- 13 W.—Classes begin, and last regular Registration Day for such students.
- 18 M.—Noon. Late Registration in Professional faculties ends.
- 23 S.—Matriculation and Supplemental Arts and Science Examinations†† begin.
- 9.30—12.30 a.m., Latin; German.‡
—2.30—5.30 p.m., English.
- 25 M.—9.30—12.30 a.m., French; Greek.§
—2.30—5.30 p.m., Physics.
- 26 Tu.—9.30—12.30 a.m., Geometry,
—2.30—5.30 p.m., Chemistry.
- 27 W.—9.30—12.30 a.m., Algebra,
—2.30—5.30 p.m., Trigonometry; History.‡
- 25 M.—Registration (and Payment of Fees) begins in Faculty of Arts and Science and in Faculty of Graduate Studies. The only regular registration day for New Students from Halifax and Dartmouth.
- 26 Tu.—Registration begins for other New Students in Faculty of Arts and Science and in Faculty of Graduate Studies.
- 27 W.—Registration begins for other than new students in Faculty of Arts and Science and in Faculty of Graduate Studies.
- 30 S.—12 Noon. Regular Registration Period for students in Arts and Science and in Faculty of Graduate Studies ends. Halifax students will not be registered on this day.

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

**Commerce students taking a Law class should note these dates.

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

‡For time table see Notice Board.

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

- Oct. 2 M.—Results of Matriculation and Supplemental Examinations declared.
—9 a.m. Classes begin in Arts and Science.
3 Tu.—12 Noon. Meeting of Faculty of Arts and Science.
- Oct. 7 S.—12 Noon. Registration in Arts and Science ends.
—Last day for change of course in Faculty of Arts and Science.‡‡
- M.—Thanksgiving Day. No classes (if statutory holiday).
- Nov. 11 —Remembrance Day. No classes (if statutory holiday).
- Dec. 8 F.—Last day of lectures in classes in which Christmas Examinations are held.
11 M.—3.00 p.m. Christmas Examinations†† begin.
19 Tu.—1.00 p.m., Christmas vacation begins.

1951

- Jan. 3 W.—9 a.m. Classes resumed.
- Mar. 13 Tu.—Munro Day. No Classes.
23 F.—Good Friday. No Classes.
- 31 S.—Last day for receiving Applications* for Examinations for Master's degree and for Music.
- Apr. 2 M.—Last day for receiving Applications* for Spring Supplemental Examinations (Law, Medicine, Dentistry).
20 F.—Last day of classes.
23 M.—Spring Examinations†† begin.
- May 1 Tu.—Final Professional Examinations in Medicine and Dentistry begin.
M.—Surviving Camp for students in Engineering begins.
9 W.—4 p.m., Meeting of Faculty of Law.
—8 p.m., Meeting of Faculty of Dentistry.
10 Th.—11 a.m., Meeting of Faculty of Arts and Sciences.
11 F.—5 p.m., Meeting of Faculty of Medicine.
12 S.—11 a.m., Meeting of Senate.
15 Tu.—8.30 a.m., Convocation. Session ends.

‡‡Change of \$1.00 for changing course after this date. For classes cancelled after this date see p. 64.

††For time table, see Notice Board.

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

Dalhousie University

BOARD OF GOVERNORS

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United Church of Canada Representative:

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

Alumni Representatives:

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F. S. SMYTH, B.Com.

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MRS. H. A. MACDONALD, B.A.
MRS. J. R. LONGARD, M.A.

King's College Representatives:

[Two vacancies.]

SENATUS ACADEMICUS

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SENATUS ACADEMICUS, 1949-50

ALEXANDER E. KERR, B.D., D.D., LL.D., President of the University.
GEORGE E. WILSON, M.A., Ph.D.
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A. STANLEY WALKER, M.A., B.Litt., LL.D., D.D.
*E. GORDON YOUNG, B.A., M.Sc., Ph.D., F.R.S.C.
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R. J. BEAN, M.S.
H. R. THREAKSTON, B.Sc., M.E.I.C.
J. STANLEY HAGNALL, D.D.S., F.A.A.R.D.
*VINCENT C. MACDONALD, K.C., B.A., LL.B., LL.D.
DONALD MAINLAND, M.B., Ch.B., D.Sc., F.R.S. (E. & C.)
C. I. HENNEY, M.A., Secretary of Senate.
H. G. GRANT, M.D., C.M., M.R.C.S., L.R.C.P.
G. VEBERT DOUGLAS, M.C.M.Sc., F.O.S., F.G.S.A., F.R.S.C., M.E.I.C.
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A. S. MOWAT, M.A., B.E.E.
C. C. COFFIN, B.A., M.Sc., Ph.D., F.R.S.C.
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R. O. JONES, B.Sc., M.D., C.M.
W. R. LESBEMAN, B.A., LL.B., B.C.L.
F. R. HAYES, M.Sc., Ph.D., D.Sc., F.L.S., F.R.M.S., F.R.S.C.
J. M. ATCHISON, B.A., B.Ed., B.Sc.
M. M. HOFFMAN, M.Sc., Ph.D., M.D., C.M.
The Registrar of the University, ex officio.

*Enlarged during the session

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

OFFICERS OF ADMINISTRATION

President of the University—Alexander E. Kerr.
Dean of the Faculty of Arts and Science—G. E. Wilson.
Dean of the Faculty of Medicine—H. G. Grant.
Dean of the Faculty of Law—Horace E. Reid.
Dean of the Faculty of Dentistry—J. Stanley Bagnall.
Dean of the Faculty of Graduate Studies—J. H. I. Johnstone.
Director, Institute of Public Affairs—C. Fred Fraser.
Registrar and Executive Assistant to the President—H. I. Seammell.
Business Manager—D. H. McNeill.
Engineer in charge of Buildings and Grounds—H. R. Theakston.
D.V.A. Counsellor—C. L. Bennett.
Warden, Sheriff's Hall—Mary C. Mowat.
Superintendent, Public Health Clinic—Florence A. Fraser.
Director, School of Nursing—E. A. Electa MacLennan.

PROFESSORES EMERITI

John Cameron, M.D. (Edin.), D.Sc. (St. And.), F.R.S.E. & C., M.R.C.S., Dr. D. G. J. Campbell Memorial Professor of Anatomy (1915-1930).
Louis M. Silver, B.A. (Vind.), M.B., C.M. (Edin.), F.R.C.P.(C.), Professor of Medicine and Clinical Medicine. Retired, 1927.
R. E. Mathers, M.D. (New York), F.A.C.S., F.R.C.S.(C.), Professor of Diseases of the Eye, Ear, Nose and Throat. Retired, 1936.
E. Kirk Maclellan, M.D., C.M. (Dal.), F.R.C.S.(C.), F.C.O.G., Professor of Obstetrics and Demonstrator in Practical Obstetrics. Retired, 1938.
Francis-René Gautheron, Agrégé des Lettres (Paris), Chancelier de la Légion d'Honneur, *McLeod Professor of French* (1924-1942).
Murray Macneill, B.A. (Dal.), M.A. (Harv.), LL.D. (Dal.) Church of Scotland Professor of Mathematics (1907-1942).
†W. H. H. Beckwith, D.D.S. (U. of P.), Professor of Operative Dentistry (1925-1946).
W. C. Cense, D.D.S. (R.C.D.S.), Professor of Crown and Bridge Work and Cosmetics (1925-1946).
A. E. Dault, M.D., C.M. (McGill), F.A.C.S., F.R.C.S.(C.), Professor of Diseases of the Eye, Ear, Nose and Throat (1937-1946).
H. K. MacDonald, M.D., C.M. (McGill), F.R.C.S.(C.), Professor of Surgery and Clinical Surgery (1932-1946).
Howard L. Bronson, B.A., Ph.D. (Yale), LL.D. (Dal.), F.R.S.C., George Munro Professor of Physics (1910-1946).
Kenneth A. MacKenzie, M.D., C.M. (Dal.), F.R.C.P.(C.), Professor of Medicine and Clinical Medicine (1928-1946).
J. G. MacDougall, M.D., C.M. (McGill), F.R.C.S.(C.), F.A.C.S., Professor of Surgery and Clinical Surgery (1928-1949).
George H. Murphy, M.D., C.M. (Dal.), LL.D. (St. F.X.), F.R.C.S.(C.), F.A.C.S., Professor of Surgery and Clinical Surgery (1928-1949).

† Died during session.

ACADEMIC STAFF

FACULTY OF ARTS AND SCIENCE, 1949-50

Alexander E. Kerr, B.A. (Dal.), B.D. (Union Sem., N. Y.), D.D. (United Coll., Man. and Acadia), LL.D. (Mt. A.), President of the University, 24 Oxford St.
Herbert Leslie Stewart, M.A. (Belf. et Oxon.), Ph.D. (Belf.), F.R.S.C., Professor of Philosophy, 75 Larch St.
John Hamilton Iana Johnstone, M.B.E., O.B.E., M.Sc. (Dal.), Ph.D. (Yale), George Munro Professor of Physics and Head of Department, 288 South St.
A. Stanley Walker, M.A. (Leeds et Birm.), B.Litt. (Oxon.), LL.D. (Dal.), D.D. (Queen's), Professor of History (King's), The President's Lodge, King's College.
George Earle Wilson, M.A. (Queen's), Ph.D. (Harv.), George Munro Professor of History and Head of Department, 78 Morris St.
Hugh Philip Ball, M.Sc. (Dal.), Ph.D. (Tor.), G. S. Campbell Professor of Biology (Botany) and Head of Department, 53 Oakland Rd.
Harold Raymond Theakston, B.Sc. (Mining) (N.S.T.C.), M.E.I.C., Professor of Engineering, Head of Department, and Engineer in charge of Buildings and Grounds, 27 Oakland Rd.
Charles Lindsay Bennett, M.A. (Cantab. et Harv.), George Munro Professor of English Literature and Head of Department, 353 South St.
George Vibert Douglas, M.C., M.Sc. (McGill), F.G.S., F.G.S.A., F.R.S.C., M.E.I.C., Curzons Professor of Geology, 20 Kent St.
Arthur Kent Griffin, M.A. (Tor. et Oxon.), Ph.D. (Tor.), Professor of Classics (King's) and Head of Department, 4 Studley Ave.
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Carl Cowan Coffin, B.A. (Dal.), M.Sc., Ph.D. (McGill), F.R.S.C., Harry Shireff Professor of Chemical Research and Head of Department, 332 Jubilee Rd.
William Russell Maxwell, B.A. (Dal.), M.A. (Harv.), Professor of Economics (King's), 88 Robie St.
Samuel Henry Prince, M.A. (Tor.), Ph.D. (Col.), Professor of Economics and Sociology (King's), King's College Residence.
Robert Stanley Cumming, B.A. (Dal.), M.A. (McGill), William A. Black Professor of Commerce, 9 Rockcliffe St.
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R. Conter, B.A. (Dal.),
Renate Fisher,
I. H. S. Henderson, B.Sc. (Dal.),
L. C. Johnston, B.Sc. (Dal.),
Marie Klynskiw,
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- W. L. Davison, B.Sc. (Dal.),
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G. A. S. Smith, B.A. (Dal.), *Student Assistant in German.*
P. H. G. Walker, LL.B. (Dal.), *Assistant in Elementary Latin.*

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 E. E. Banks, B.Sc. (Dal.),
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 A. H. Gibson, B.Sc. (Mt. A.),
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 D. D. Betts,
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*Demonstrators in
 Physics*

*Laboratory Assistants in
 Physics*

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

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

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| <p><i>Committee on Studies
 and Attendance:</i></p> <p><i>Committee on Honours:</i></p> <p><i>Committee on Library:</i></p> <p><i>Committee on Scholarships:</i></p> | <p>Dean Wilson, Chairman.
 The Registrar, Secretary.
 Professors Adshad, Mowat, Chute.</p> <p>Professor Martin, Chairman.
 Professors Prince, Page, Trost, Morgan,
 Guptill.</p> <p>Professor Bennet, Chairman.
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 Aitchison, Reilly.</p> <p>Professor Bowen, Chairman.
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 Stephens-Newsam.</p> <p>Special Lecturers</p> <p>Daniel Cobb Harvey, B.A. (Dal.), M.A. (Oxon.), LL.D. (Dal.),
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- Rt. Hon. James L. Halsey, P.C., K.C., B.A. (Acadia), LL.B., LL.D.
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- Edward F. Cragg, B.A., LL.B. (Dal.), Demonstrator in Procedure.
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- Secretary of the Faculty, Professor W. R. Lederman.

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- J. G. D. Campbell, M.D., C.M. (Dal.), *Demonstrator in Paediatrics*.
- W. J. Dyer, B.Sc., M.D., C.M. (Dal.), *Demonstrator in Clinical Medicine and in Clinical Urology*, 280 Jubilee Rd.

- Gordon A. Black, M.D. (West. Ont.), *Clinical Instructor in Medicine*, 192 South St.
- L. G. Holland, B.A., M.D., C.M. (Dal.), *Demonstrator in Diseases of the Eye, Ear, Nose, and Throat*, 45 Lusknow St.
- J. F. L. Woodbury, B.Sc., M.D., C.M. (Dal.), *Demonstrator in Clinical Urology*, 170 Oxford St.
- C. H. Reardon, M.D., C.M. (Dal.), *Demonstrator in Clinical Urology*, 108 Oxford St.
- J. E. Cooke, *Demonstrator in Materia Medica*, 18 Henry St.
- Jessie I. MacKnight, *Demonstrator in Materia Medica*, 45½ Edward St.
- R. C. Rice, B.A., B.Sc. (Acad.), M.D., C.M. (McGill), M.P.H. (Harv.), *Demonstrator in Pathology*, 4 Elmwood Apts.
- Jean Macdonald, B.A., B.Sc. M.D., C.M. (Dal.), *Demonstrator in Obstetrics and Gynaecology*, 168 Quilpelt Rd.
- Alice Kitz, M.B., Ch.B. (Aberdeen), *Demonstrator in Bacteriology*, 22½ Quinn St.
- Heeter Ian MacGregor, B.Sc., M.D., C.M. (Dal.), *Demonstrator in Urology*, 183 Duffuss St.
- Ruth Schachter, M.Sc. (McGill), *Demonstrator in Histology*, 688 Göttingen St.
- Edgar P. Nonnemaker, M.D., C.M. (Dal.), F.R.C.S. (C.), *Demonstrator in Surgery*, 209 Spring Garden Rd.
- John H. Charman, M.D., C.M. (Dal.), *Demonstrator in Surgery*, 134 Oxford St.
- Gordon W. Bethune, B.Sc. (Acad.), M.D., C.M. (Dal.), *Demonstrator in Surgery*, 15 Beech St.
- Ralph F. Plummer, M.D., C.M. (Dal.), *Demonstrator in Dermatology*, Westminster Apartments, Morris St.
- W. L. Sharp, M.R.C.P. (Edin.), L.R.C.P., L.R.C.S., L.M. (Ireland), *Demonstrator in Pathology*, Camp Hill Hospital.
- Donald M. Simpson, M.Sc. (Tor.), *Demonstrator in Bacteriology*, 103 Connaught Ave. South.
- Murray McC. Davis, B.A., M.D., C.M. (Dal.), *Demonstrator in Physiology*, 106 College St.
- Denis R. S. Howell, M.R.C.S. (Eng.), L.R.C.P. (Eng.), *Demonstrator in Dermatology*, 132 Oxford Street.
- F. Gordon Mack, M.D., C.M. (Dal.), *Demonstrator in Urology*, 322 Spring Garden Rd.
- Jean Alexandra Feabody, B.A. (U.N.E.), *Statistical Assistant in Epidemiology*, 22 Wellington St.
- Ruth M. Mainland, *Technical Assistant in Anatomy*, 47 LaMarchant St.
- D. K. R. Stewart, B.Sc. (Dal.), *Nova Scotia Light and Power Company, Limited, Teaching Fellow in Pharmacology*.
- Dean Grant
Dr. Webb, *Secretary*
Dr. Young
Dr. Mainland
Dr. W. Alan Curry
Dr. C. W. Holland
Dr. Kline
Dr. G. B. Wiswell
Dr. C. M. Bethune
- Councillor on Studies and Attendance*
- Dean of the Faculty, Dr. H. G. Grant.*
Secretary of the Faculty, Dr. Webb.

FACULTY OF DENTISTRY, 1946-50

- Alexander E. Kerr, B.A. (Dal.), B.D. (Union Sem., N. Y.), D.D. (United Coll., Man., and Acadia), M.A.D. (Mt. A.), *President of the University*.
- Wm. W. Woodbury, B.Sc. (Dal.), D.D.S. (P.D.C.), *Professor of Orthodontics*, 218 Spring Garden Rd.
- J. Stanley Bagnall, D.D.S. (Dal.), F.D.S.R.C.S. (Eng.), F.I.C.D., *Professor of Dentistry*, 78 March St.
- John W. Deason, D.D.S. (Dal.), *Professor of Operative Dentistry, Lecturer in Materia Medica*, 84 Seymour St.
- G. A. Chudleigh, D.D.S. (S.C.D.S.), *Professor of Crown and Bridge Work*, General Trust Building.
- H. M. Eaton, D.D.S. (Dal.), *Professor of Radiology*, Birks Building.
- O. L. Croft, D.D.S. (Tor.), *Professor of Eradication and Anesthesia*, Roy Building.
- J. Arnold Noble, O.B.E., B.A. (Acad.), M.B., Ch.B., F.R.C.S. (Edin.), *Associate Professor of Oral Surgery*, 77 Inglis St.
- *W. G. Dawson, D.D.S. (Dal.), *Associate Professor of Prosthetic Dentistry*, Farquhar Building.
- A. Borden Haverstock, D.D.S. (Dal.), B.Sc. (Dent.) (Tor.), *Associate Professor of Dental Pathology and Therapeutics*, Roy Building.
- G. M. Dewis, D.D.S. (Dal.), *Assistant Professor of Crown and Bridge Work, and Lecturer in Dental History*, 69 Göttingen St.
- H. S. Crosby, D.D.S. (Dal.), *Demonstrator in Operative Infirmary, and Lecturer in Dental Ethics*, Birks Building.
- I. K. Lubatsky, D.D.S. (Dal.), *Demonstrator in the Adult Clinic*, 281 Göttingen St.
- **Alexander Gordon Nutlay, M.D. (Vienna, Rome), D.D.S. (Dal.), *Demonstrator in the Adult Clinic*, Roy Building.
- F. W. Blissett, B.A., LL.B. (Dal.), *Lecturer in Dental Jurisprudence*, Page Building.
- D. C. Eaton, B.A. (Acad.), D.D.S. (Dal.), *Lecturer in Operative Dentistry and Demonstrator in Operative Infirmary*, 43 Sackville St.
- James P. McGulgan, D.D.S. (Dal.), *Lecturer in Dental Anatomy and Comparative Dental Anatomy*, Birks Building.
- C. Gordon Machinsson, B.A., M.D., C.M. (Dal.), *Lecturer in General Anesthetics*, 42 Francoklyn St.
- P. S. Christie, D.D.S. (Dal.), *Lecturer in Orthodontics and Demonstrator in Operative Infirmary*, 361 Barrington St.
- L. J. Archibald, D.D.S. (Dal.), *Demonstrator in Operative Infirmary*, 117 Oxford St.

¹ Died during session.

² Absent during the session.

³ On leave of absence.

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

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

D. C. Penta, D.D.S. (Dal.), *Demonstrator in Operative Infirmary, Farquhar Bldg.*

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

Donald E. McNeil, D.D.S. (Dal.), *Demonstrator in Adult Dental Clinic, 301 Barrington St.*

*Dean of the Faculty, Dr. J. B. Eagnall,
Secretary of the Faculty, Dr. J. W. Dobson.*

*Committee on Studies
and Attendance*

*Dean Eagnall
Dr. J. W. Dobson,
Dr. G. M. Dewis.*

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

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 Hamazay, ninth Earl of Dalhousie, who had the satisfaction of laying the corner stone of the college, May 22, 1820. In doing so he made an address, containing these words: "This College of Halifax is founded for the instruction of youth in the higher Classics and in all Philosophical studies; it is founded in imitation of the University of Edinburgh; from this it is founded upon the principles of religious toleration. . . . From this college every blessing may flow over your country. . . . May it continue to dispense them to the latest age! Let no jealousy disturb its peace; let no lukewarm indifference check its growth! Protect it in its first years, and it will abundantly repay your care!"

Despite this fervent appeal and prophecy, the College did not begin to function till 1838. King's College, at Windsor, was already in existence. There was not room for the two institutions and efforts at union were unavailing. King's College admitted only adherents of the Church of England. In 1838, Pietist Academy joined forces with Dalhousie, its Principal, the famed Dr. McCulloch, becoming President of Dalhousie, and £200 of the £400 annual grant to Pietist Academy being transferred with him. Two other teachers joined him in Dalhousie. But, in 1863, Dr. McCulloch died and the college closed its doors, though in the next two decades it showed some discontinuous activity as a school.

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

Sixteen years later, George Munro began a series of gifts, chairs and scholarships, on a scale hitherto unheard of in Canada. The result was not only a nucleus of some of the most famous university teachers in Canadian history; these teachers had among their students the cream of maritime schools—students who carried 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 Forester 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 Sciences." "Applied Science" was replaced by the Faculty of Engineering. This latter discontinued in 1909 when the Nova Scotia Technical College opened.

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

In 1912, the Faculty of Dentistry was established.

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

BENEFACTIONS

Presbyterian Church of the Lower Provinces.			
	1863. For annum about	1850	
	Support of two Professors. Withdrawn on death of first two incumbents.		
Church of Scotland.	1863. Part of	1550	
	Endowment Chair of Mathematics.		
Alexander McLeod.	1822.	\$ 65,000	
	Endowment of Chairs in Classics, Modern Languages and Chemistry.		
Mrs. Harriet Mackenzie Morrison, Stornoway, Scotland.			
	Foundation Mackenzie Bursary Fund,	1827.	£1,000
Sir William Young, Chairman of the Board for over forty years prior to 1887.	1827. In total over	\$ 68,000	
	Yonkers credits of new building on		
	Carlton Street.....	\$20,000	
	Scholarships in Arts.....	4,000	
George Munro.	1879-1889. About	350,000	
	Endowment of Chairs in Physics, History and Political Economy, English Literature, Law and Metaphysics. Tutorships in Classics and Mathematics. Exhibitions and Bursaries in Arts.		
John P. Mott.	1890.	10,000	
	"For the benefit of such College, so long as it shall remain and continue to be a non-sectarian institution."		
Rev. Wm. McCulloch, D.D.	1897.	1,600	
	Endowment and support of "Thomas McCulloch Museum."		
Professor Charles Macdonald	1902.	2,000	
	Library Endowment.		
Campaign.	1902.	About	60,000
	School of Mines		

Campaign Fund.	1912.	About	\$ 400,000
	Purchase of Stridley. Erection of new buildings. Increase of Endowment.		
Andrew Carnegie.	1912. (Of above Fund)	40,000	
	Towards the maintenance of the Science Departments.		
New Glasgow Literary and Historical Society.	1912.	1,000	
	John Macdonald Fund for endowment of annual Scholarship.		
Campaign.	1908-1913.	17,500	
	For Increase of Salaries.		
Dr. D. A. and Mrs. Campbell.	1914.	61,500	
	Endowment of Dr. D. G. J. Campbell Memorial Chair of Anatomy.		
Joseph Matheson, Lower L'Ardois, C. B.	1915.	15,000	
	"To be applied in such manner as to the said Governors shall appear best."		
Lieut. George W. Stairs.	1915.	5,000	
	"For the good of the University."		
Professor John Johnson.	1915.	Books and	1,000
	"For the use of the Arts Library."		
John Macdonald.	1918.	About	96,000
	"Extending and maintaining the Library."		
Mr. George S. and Mrs. Campbell.	1917.	25,000	
	Creation of "George H. Campbell Scholarship Fund."		
Dr. A. Ross Hill, President, University of Missouri.	1917.	1,000	
	Endowment "Agnes Baxter Library" Fund for Mathematics and Mathematical Physics.		
Senator Wm. Dennis.	1919.	2,080	
	For Eric Dennis Special Lectures.		
Senator Wm. and Mrs. Dennis.	1918-1920.	100,000	
	Endowment "Eric Dennis Chair of Government and Political Science."		
	1920.	1,000	
	"For the purchase of books relating to the subject of Government and Political Science."		
Campaign—Centennial (not including subscriptions for specific purposes).	1920.	439,000	
	For general purposes.		
Mrs. E. B. Essey.	1920.	300,000	
	For the erection of a Residence for Women.		
Hon. William A. Black.	1921.	60,000	
	Endowment "William A. Black Chair of Commerce."		
Mrs. Elise Stewart Strathie.	1921.	1,500	
	Foundation "Strathie Memorial Fund," for Philosophy Department of the Library.		
Khaki University of Canada.	1921.	6,500	
	Endowment "Khaki University and Young Men's Christian Association Memorial Scholarship Fund."		
New Glasgow Relatives of Professor James Gordon MacGregor.	1922.	24,000	
	Endowment "James Gordon MacGregor Memorial" for Teaching Fellowship in Physics and Equipment Physics Laboratory.		

Dr. A. M. Hebb, Dartmouth, N. S.	1923.	\$ 1,000
Foundation "Dr. Clara Odling Prize" in Medicine.		
Estate of Robert Bruce, Quebec.	1922.	\$7,500
Bursaries and Scholarships. One-seventh of income from		
Mrs. Edith J. Richardson.	1923.	1,000
For Shireff Hall.		
Halifax Branch of the Overseas League.	1925.	1,010
Essay Prize.		
Rev. Joseph and Mrs. Hale, Dartmouth, N. S.	1925.	1,000
Foundation "Katherine M. Butebush Scholarship Fund for the encouragement of the study of Advanced Mathematics."		
Dr. John Ferguson Black, Stone, England.	1928.	1,000
For Surgical Teaching.		
Estate of J. T. Shireff.	1928.	250,000
(On the death of his widow)		
For "Eddy-Shireff Foundation" especially for the extension to Shireff Hall.		
Colonel R. W. Leonard, St. Catharines, Ont.	1928.	35,000
Endowment "Leonard Science Library of Periodical Literature."		
Estate of Senator Dennis.	1927.	2,000
Eric Dennis Government and Political Science Library Fund.		
Children of Rev. George Patterson, D.D.	1928.	4,030
Foundation of "Rev. George Patterson, D.D., Travelling Library.		
Estate of Mr. Justice T. Sherman Rogers.	1928.	1,000
"For the improvement of the Library in Law."		
W. J. O. Thomson.	1929.	2,000
For general purposes.		
British Empire Steel Corporation.	1923-1929.	30,000
For the encouragement of Scientific Research.		
Dr. Mary S. Ross.	1926-1929.	750
For library purposes.		
Mrs. J. Ross Smith.	1930.	3,000
Foundation "Ross Stewart Smith Scholarships" in Medicine and Science.		
Miss Mary Burrie, Boston, Mass.	1930.	Reversion of her Estate.
Foundation of a Foreign Travelling Scholarship.		
Sir James H. Dunn, London, England.	1910.	1,000
For Microscopes for Biology Department.		
Towards Endowment of the Walden Memorial Chair of Law.		
C. H. Mitchell.	1923-1931.	1,045
For Departments of Biology and Chemistry, and Students' Loan Fund.		
Rev. Byron Ulric Hatfield, Westerly, Rhode Island.	1931.	Residuary legatee of Estate.
For Scholarships.		
Dr. W. H. Hattie.	1931.	Residuary legatee.
(On the death of Mrs. Hattie.)		
James D. McKenna, Sussex, N. B.	1928-1932.	5,000
Foundation "The Elizabeth McKenna Scholarships."		
Dr. Dougald Macgillivray.	1932.	Bronze Bust of 9th Earl of Dalhousie, the work of Massey Rhind, A.R.S.A.

Halifax Visiting Dispensary.	1929 and 1932.	\$ 1,000
"For the Public Health Clinic."		
Estate of Dr. Eliza Ritchie.	1933.	500
For University Library.		
Massachusetts-Halifax Health Commission.	1933.	13,589
Foundation of "The Commonwealth of Massachusetts Endowment Fund."		
Miss Grace D. Burris, Upper Musquodoboit, N. S.	1933.	Reversion of Estate.
For Travelling Scholarships.		
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
For expenditure on suggestions of Alumni Association.		
Estate of Mrs. E. B. Eddy.	1929-1936.	
Establishment "Eddy-Shireff Foundation," for "improvement and maintenance of Shireff Hall," "to complete Shireff Hall," "loans, scholarships, or other method of assisting worthy young women,"		
		350,000
For "Eddy-Shireff Foundation" (residue).		
		76,777
Anonymous.	1926-1937.	60,000
Hector McInnes Memorial Fund for Scholarships.		
Estate of Charles M. Macdonald.	1937.	1,000
Estate of Mrs. A. I. Huddleston.	1937.	2,000
Estate of Walter A. Black.	1929.	5,000
For general purposes.		
Commercial Club of Halifax.	1922-1929.	3,200
Scholarships.		
Estate of A. M. Banks.	1926-1938.	4,560
For general purposes.		
Anonymous.	1933-1938.	6,000
Four Scholarships in Classics and Mathematics.		
Estate of Dr. J. A. Lippincott.	1939.	12,202
For Department of Physics and the University Library.		
Anonymous.	1939.	5,000
For Medical and Dental Library Bldg.		
A. B. Wiswell.	1938 to date.	4,000
For Medical and Dental Library Bldg.		
Junior League of Halifax.	1933-1940.	1,500
For Immunization Clinic.		
Lt.-Col. Sidney C. Oland, Halifax.	1933-1940.	1,020
For Scholarships.		
A. H. Buckley.	1939-1940.	500
For Medical and Dental Library Bldg.		
Estate of Prof. Howard Murray.	1940.	12,867
For improvement of Department of Classics and a scholarship in Classics.		
Canadian Council on Nutrition, Ottawa.	1940.	2,600
For nutritional survey.		

Estate of George S. Campbell. Foundation "George S. Campbell Chair of Biology."	1942.	\$108,173
Peter R. Jack. For Medical and Dental Library Bldg.	1942 to date.	4,000
Estate of Alexander Ross. For Arts and Law Libraries. For Medical Library.	1942. about	102,000 500
Estate of Miss Sarah M. Lawson. For a prize in Botany.	1942.	3,102
Estate of William Mushkat. For "Mushkat Memorial Essay Prize."	1942.	1,000
Estate of Prof. K. G. T. Webster.	1943.	1,100
Estate of I. C. Stewart. For scholarships.	1943.	5,200
Mrs. G. M. J. MacKay, Schenectady, N. Y. For Department of Chemistry.	1943. About	500
Miss I. C. McLennan, Montreal. For purchase of books, or student aid.	1944.	500
Estate of Miss Belle C. Crowe. Foundation "Belle Crowe Fellowship Fund," for a Fellowship in Inorganic Chemistry.	1944.	10,000
Estate of Captain David E. North. For library purposes.	1944.	1,000
Hon. Dr. J. C. Tory. For University Library, Students' Loan Fund and Biology Department. For Medical and Dental Library Building. For medical research.	1927-1932. 1933. 1944.	1,675 50,705 Residue of Estate. \$44,000 42,230
Dominion Government. Special war services.	1944.	\$44,000 42,230
Estate of Dr. J. Ross Miller. For a bursary in the Faculty of Arts and Science.	1945.	10,000
Rev. J. H. Kirk, Guysborough County, N. S. For general purposes.	1945.	1,000
Estate of Miss Elizabeth MacGregor. For general purposes.	1945.	1,000
Wings Club of Halifax. For Scholarships.	1946.	6,402
A.N.A. Club.	1946.	624
Estate of H. E. Mahon.	1938 to date.	9,094
Estate of Minnie F. Burbidge.	1948.	15,956
Estate of George C. Fosythe.	1948.	8,440
Estate of Mary Alice Smith. For A. Stanley Macnevin Scholarship in Physics.		5,629

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

Alumnus Association. For Patterson Travelling Library. Furnishings, Shireff Hall, and stained glass window in memory of Mrs. Eddy. Re-dedicating Women's Rooms, Forrest Building and Arts Building.	1920-1930. 1921-1935.	\$ 500 over 6,620
Alumni Association. For erection of Macdonald Memorial Library. For Biology Chair. Towards creation of Gymnasium. For the Gymnasium Fund.	1922-1914. 1912-1916. 1921-1922. 1934.	25,000 6,100 9,912 4,332
Alumnae and Alumni Associations. Subscriptions to the Gymnasium Fund.	1932-1941.	7,265
Anonymous. Bursary in Arts and Science School.	1940 to date.	1,648
Anonymous. For Anatomy Prizes.	1933 to date.	1,210
Anonymous. For "Robert Macellan Scholarship."	1935 to date.	600
Anonymous. For the Department of Surgery.	1945-1946. 1941.	4,500 7,500
Anonymous. For purposes to be determined by the donor.	1941 to date.	62,000
Anonymous. For research in Geology.	1944.	10,000
Anonymous. For scholarship endowment.	1946 to date.	3,200
Anonymous. For Scholarships, etc.	to date.	3,490
Anonymous Gifts. For general purposes.	1943-1946. 1948-1947.	27,854 10,500
Anonymous. For Students' Loan Fund.		5,699
Banting Research Foundation, Toronto. For research in Biochemistry and Pharmacology	1940 to date.	3,238
Right Honourable Viscount Bennett, P.C. Residence for the President of the University. Becks for the Law Library and for Shireff Hall. Endowment, "Harry Shireff Chair of Chemical Research", "Don Weldon Chair of Law", "Viscount Bennett Chair of Law", "Mrs. E. B. Eddy Chair of Epidemiology and Nursing Education," and for general purposes. Endowment for Libraries in Law and Shireff Hall.	1925. 1921-1929. 1942. 1944.	20,000 4,500 790,000 Interest on 12,000
Dr. John Cameron. For Prize in Anatomy.	1930 to date.	2,145
Carnegie Corporation of New York. For damage done by Explosion. Development of Medical School.	1918. 1920.	About 21,000 500,000

<i>For improvement of clinical facilities, Grace Maternity Hospital.</i>	1922.	\$ 50,000
<i>Fine Arts Teaching Collection.</i>	1928.	Valued at 10,000
<i>Endowment.</i>	1928.	400,000
<i>For the joint benefit of King's College and Dalhousie University.</i>	1929.	600,000
<i>For current deficits.</i>	1924-1930.	190,000
<i>For Dental Library.</i>	1929-1930.	2,000
<i>Endowment for Geology.</i>	1933.	125,000
<i>Hals Research.</i>	1934.	1,500
<i>For the University Library.</i>	1932-1934.	9,000
<i>Research in Pathology.</i>	1934-1935.	4,000
<i>Professorship in German.</i>	1934-1935.	8,000
<i>Development of the Medical and Dental Library.</i>	1938.	50,000
<i>Study of Health Conditions, Isle Madame.</i>	1946.	7,000
The Carswell Co., Limited, Toronto.	1922 to date.	2,525
<i>Low Prices.</i>		
City of Halifax.	Annual Grant.	10,000
<i>For Public Health Clinic.</i>		
Class Memorials.		
<i>Class of 1897</i>	Tablet.	
" " 1909	<i>For Classics Dept., Univ. Library.</i>	299.14
" " 1910 (Low)	<i>Scholarships.</i>	502.00
" " 1911	<i>Sliding Microtome and for Biology Dept.</i>	535.50
" " 1911 (Low)	<i>Scholarships.</i>	150.00
" " 1912	<i>Gateway to Studly.</i>	585.92
" " 1913	<i>Tablet and for Students' Loan Fund.</i>	84.84
" " 1914	Tablet.	
" " 1915	Tablet.	
" " 1915	<i>For Paintings by Canadian Artists</i>	500.00
" " 1916	Tablet.	
" " 1917	Tablet.	
" " 1918	<i>Tablet and for Gateway to Studly.</i>	347.00
" " 1919	<i>For Books for Biology Dept.</i>	357.32
" " 1921	<i>San-dial, Studly Campus.</i>	
" " 1922	<i>For clock for University Library.</i>	528.16
" " 1923	Tablet.	
" " 1931	<i>For "Hugh Greene Fraser Memorial" Scholarship.</i>	1,000.00
" " 1932	<i>For "Encyclopaedia Britannica."</i>	180.35
" " 1933	<i>For concrete walks—Studly.</i>	384.00
" " 1935		60.00
" " 1936	<i>Electric Clock, Arts Building.</i>	
" " 1943	<i>For concrete walks—Studly.</i>	114.95
" " 1944	<i>For concrete walks—Studly.</i>	115.36
" " 1945	<i>For General Reference Books, University Library.</i>	101.21
" " 1947	<i>For concrete walks—Studly.</i>	450.00
" " 1946 and 1948	<i>For concrete walks—Studly.</i>	620.00
Copswell Library Fund.	1918 to date.	7,670
<i>For Medical Library.</i>		
Dalhousie Club of New York.	1939 to date.	4,785
<i>Scholarship endowment.</i>		1,017
Dalhousie Law Association.	1946.	239
<i>For Law School.</i>		

Dalhousie Loyalty Fund.		
<i>Cash received.</i>		\$37,943
Dalhousie Medical Alumni Scholarship Fund	1946.	2,698
Senator W. H. Dennis.		
<i>English Prizes for Prose and Poetry.</i>	1922 to date.	16,500
<i>For Medical and Dental Library Bldg.</i>	1938.	500
Hon. Mr. Justice John Droul.		
<i>For the Law School.</i>	1937 to date.	600
<i>(For Class of 1910 (Law) Scholarships, \$246.00)</i>		
Cyrus S. Eaton, Cleveland, Ohio.	1946.	2,000
<i>For Improvement of Lawns and Grounds.</i>		
Albert S. Fraser, Montreal.	1946.	500
<i>For general purposes.</i>		
Chas. E. Frost and Company, Montreal.		
<i>For research in Biochemistry.</i>	1940 to date.	1,000
<i>For libraries in the Medical School.</i>	1945 to date.	750
Gifts obtained through Professors.		
<i>For Arts, Law, Medical and Dental Libraries.</i>	1938 to date.	3,069
Halifax County Anti-Tuberculosis League.	1947 to date.	3,000
<i>For B. C. G. Vaccination Research Programme.</i>		
Halifax Welfare Fund.	Annual Grant.	2,500
<i>For Public Health Clinic.</i>		
Mrs. James I. Hall, Vancouver.	1938 to date.	825
<i>Scholarship in Engineering.</i>		
Hebrew Societies.	1935 to date.	3,800
<i>R'nat B'rith, Cape Breton, Western Nova Scotia, and sections of New Brunswick.</i>		
<i>For Scholarships.</i>		
Imperial Order of the Daughters of the Empire:		
<i>For Prizes and Scholarships:</i>		
<i>Armadale Chapter.</i>	1942 to date.	200
<i>Bedford Chapter.</i>	1945 to date.	213
<i>Sir Samuel Cunard Chapter.</i>	1945 to date.	258
<i>Truro Chapter.</i>	1939 to date.	1,100
<i>H.M.S. Good Hope Chapter.</i>	1944 to date.	400
<i>Archibald MacMechan Chapter.</i>	1939 to date.	1,000
<i>Archibald MacMechan (Scholarship Fund).</i>		5,700
<i>Marion S. Murray Chapter.</i>	1945 to date.	400
<i>Robt. Hood Chapter.</i>	1945 to date.	100
<i>John Stewart Chapter.</i>	1936 to date.	1,125
For Furnishings—Pre-Natal Clinic:		
<i>Municipal Chapter.</i>	1949.	1,040
W. K. Kellogg Foundation, Battle Creek, Michigan.		
<i>For Scholarships and Loans.</i>	1942 to date.	
<i>Faculty of Medicine.</i>		16,200
<i>Faculty of Dentistry.</i>		11,000
Ell Lilly and Company, Indianapolis.	1943.	500
<i>For Research in Pharmacology.</i>		
Maritime Dental Supply Company, Ltd.	1927 to date.	1925
<i>For Dental Prizes and the Dental Library.</i>		
John and Mary R. Maske Foundation, New York.	1944.	6,000
<i>Research use in Anatomy Department.</i>		

Dr. A. F. Miller, Kentville, N. S.	1933 to date.	
<i>For Prizes, Faculty of Medicine.</i>		575
<i>For use of Medical School.</i>		460
Dr. Wm. Inglis Morse, Cambridge, Mass.	1932-1939.	
<i>Collection of books, bookcases, busts, maps, mahogany table, 21 mahogany chairs, pictures, safe, etc.</i>		
<i>For Endowment of "Morse Collection."</i>	1935-1937.	\$10,000
<i>For Medical and Dental Library Bldg.</i>	1938.	1,000
<i>For Prizes.</i>	1933-1943.	2,150
<i>For other purposes.</i>	1933-1941.	5,054
National Research Council, Ottawa.	1940 to date.	
<i>For research in Biochemistry.</i>		15,968
<i>For research in Pharmacology.</i>		2,651
<i>For research in Physiology.</i>		7,114
<i>For research in Chemistry.</i>		13,762
<i>For research in Biology.</i>		5,197
<i>For research in Zoology.</i>		2,370
<i>For research in Dentistry.</i>		411
<i>For research in Physics.</i>		10,506
Cancer Research.		
<i>National Cancer Inst. of Canada—Dr. Begg.</i>		20,428
<i>National Cancer Inst. of Canada—Dr. Alfous.</i>		2,800
<i>National Cancer Inst. of Canada—Dr. Hayes.</i>		5,686
<i>National Cancer Inst. of Canada—Dr. Pallant.</i>		4,728
<i>National Cancer Inst. of Canada—Dr. Fadden.</i>		1,000
<i>Canadian Cancer Society—N. S. Branch—Dr. Begg.</i>		8,700
<i>Dowser Foundation—Dr. Begg.</i>		4,875
Newfoundland Commission of Government.	1943-1948.	30,000
<i>For Medical and Dental Schools.</i>		
North British Society.		
<i>North British Society Centennial Bursary.</i>	1928 to date.	5,840
<i>Alan Fullek Scholarship.</i>	1922 to date.	5,600
Nova Scotia Barristers' Society.		
<i>For Scholarships and Courses in Accounting.</i>		1,000
Nova Scotia Dental Association.	1912 to date.	
<i>For Dental Library.</i>		4,120
<i>Dental Prizes.</i>		1,700
N. S. Department of Education.	1932 to date.	2,350
<i>For library and general purposes.</i>		
Province of Nova Scotia.		
<i>For Medical and Dental Schools.</i>	Grant, 1948-1949.	50,000
<i>For Public Health Clinics.</i>	Annual Grant.	5,000
<i>For Department of Education.</i>	1948-1949.	5,000
Province of New Brunswick.	1948-1949.	20,000
<i>For Medical and Dental Schools.</i>		
Province of Prince Edward Island.	1948-1949.	3,000
<i>For Medical and Dental Schools.</i>		
Province of Newfoundland.	1948-1949.	10,000
<i>For Medical and Dental Schools.</i>		
Provincial Medical Board.		
<i>For "MacDonnell Memorial Library."</i>	1941 to date.	1,791

Rockefeller Foundation, New York.		
<i>Development of the Medical School.</i>	1930.	\$500,000
<i>For improvement of clinical facilities.</i>		
<i>Grace Maternity Hospital.</i>	1922.	50,000
<i>For the teaching of Hygiene.</i>	1928-1929.	2,107
<i>For study of Morbidity in Nova Scotia.</i>	1927-1928.	10,000
<i>For study of the impact of the war on the economy of the Maritime Provinces.</i>	1940.	7,800
<i>Department of Epidemiology.</i>	1933-1941.	65,000
<i>For training and research in Public Administration.</i>	1936-1943.	80,000
<i>For development of teaching in Psychiatry (over a six-year period).</i>	1941-1949.	60,007
<i>For adequate teaching facilities for medical students, Victoria General Hospital.</i>	1948-1947.	150,000
Rotary Club of Halifax.	1945 to date.	5,298
<i>For Department of Psychiatry.</i>		
Swift Canadian Company Limited, Toronto.	1945.	2,400
<i>For Fellowship in Nutrition, Department of Biochemistry.</i>		
Wood, G. H. & Co., Ltd.	1948.	500
<i>Scholarship Faculty of Medicine.</i>		
Waldon Memorial Fund		
<i>Endowment (in addition to Lord Bessell's Contribution)</i>	1929 to date.	15,908
Gifts to the Faculty of Graduate Studies:		
<i>Halifax Fisheries Limited.</i>		1,500
<i>Mering Paper Company, Limited.</i>		750
<i>Moire Limited.</i>		750
<i>Nova Scotia Light & Power Company, Limited</i>		750
<i>Olson & Sons, Limited.</i>		750
<i>Wm. Stearns & Morse, Limited.</i>		750

MUNRO DAY

On July 9, 1881, the Governors of Dalhousie University dealt with a petition from the students, asking that each year there be a holiday named "The George Munro Memorial Day" in celebration of the great benefactions of George Munro mentioned above. The petition was granted, and the third Wednesday of January of each year was set aside as "The George Munro Memorial Day." In the course of years the name has been shortened to "Munro Day." In the year 1928 "Munro Day" was celebrated on March 9, and President A. Stanley Mackenzie reviewed the history of Dalhousie's benefactors. The special guest on that occasion was the Right Honourable R. B. Bennett, (later Viscount Bennett), who was referred to as one of our great benefactors himself, and the cause of other notable benefactions. Since that time, the names of all our benefactors have been associated with "Munro Day." In 1938 the Senate decided that in future Munro Day should be celebrated on the second Tuesday in March.

FACULTIES AND AFFILIATIONS

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

The Faculty of Law was established in 1883. In this year Mr. George Munro endowed the chair of Constitutional and International Law, held by Dean R. C. Weiden 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 Faculty of Graduate Studies was established in 1949.

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 its 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 staff of Dalhousie and of the Board.

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

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 entrusted, 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, Graduate Studies, 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 recognition of suitable candidates for prizes, scholarships, diplomas and degrees.

DEGREES AND COURSES

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

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

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

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

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

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

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

Affiliated Courses.—By a 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 or Bachelor of Commerce and a degree in Law. Similarly a candidate for the degree of Bachelor of Arts or Bachelor of Science may reduce by one year the time required for the combined degree in Arts or Science and Medicine or Dentistry.

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

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

PRIVILEGES OF DALHOUSIE STUDENTS IN OTHER INSTITUTIONS

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

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

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

On January 1, 1902, 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. Nisholzen, B.A., LL.D.

The classes and examinations in New Testament, Greek I, Philosophy of Religion and Psychology of Religion, 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..... F. MacKinnon, M.A.

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

Memorial University College

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

Students who have completed the regular course of Memorial University College, Newfoundland, are admitted to the Arts and Science course without further examination, and may receive credit in classes of the first and second years to a maximum of ten. Candidates for a degree are required to have complete matriculation.

Halifax Conservatory of Music

The University recognizes the teaching of the Conservatory as part of the qualification required for the degree of Bachelor of Music and for the Diploma of Licentiate of Music.

The Maritime College of Pharmacy

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

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

Halifax Ladies College

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

Students who have completed the regular course and received the Matriculation Diploma are admitted to the Arts or Science course without further examination.

Convent of the Sacred Heart

Mother Superior..... Reverend Mother Murphy.

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

EQUIPMENT

Libraries

The University possesses a University Library, the Macdonald Memorial Library, open to all registered students, and the separate Law, Medical and Dental Libraries for the students and instructors in those Faculties.

The University Library was instituted in 1867, as the result of an appeal made by the Rev. George M. Grant at Convocation. It contains 81,909 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 17,000 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 Medical and Dental Library building, completed in the spring of 1939 stands on the Forest campus. It was built after consultation with several of the most eminent medical librarians in America and in every way is fitted for the purpose it serves.

Besides the libraries in the University, students may use, subject to certain conditions, the following libraries: The Provincial Science Library, housed in the Nova Scotia Technical College (about 90,000 volumes and pamphlets), the Legislative Library (44,000 volumes), the Library of Pine Hill Divinity Hall (25,000 volumes and, in addition, valuable records), the Nova Scotia Barristers' Society Library (34,000 volumes), and the libraries of the Public Archives of Nova Scotia.

THE PUBLIC ARCHIVES OF NOVA SCOTIA

A building for the Public Archives of Nova Scotia was erected on the University grounds adjacent to the Macdonald Memorial Library in the autumn of 1939 through the generosity and public spirit of the late W. H. Chase, Esq., of Wolfville. It contains a large collection of public records dealing with the executive, legislative and judicial functions of government, and a wide range of supplementary material essential to historical research.

This subsidiary material includes letters, diaries and other personal or family papers; minute books of clubs and societies; and account books and correspondence of old business firms; as well as charts, maps and photographs, a historical museum and two libraries. The Akins Library, which has been in custody of the Board of Trustees of the Archives since 1931, is a unique collection of more than 4000 volumes on early Colonial and Canadian history. The Archives Library, commenced in the same year, and designed to complement the Akins Library, by including all books and pamphlets related to Nova Scotia, or written by Nova Scotians, since the death of Dr. Akins in 1891, now (1949) contains 2500 books and pamphlets and is constantly expanding. The facilities of the Archives are of special value to research students.

THE MUSEUM

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

The *Thomas McCulloch* Collection was begun by Dr. McCulloch, first President of Dalhousie. The greater part of it was collected by his son, Thomas, who was Professor of Natural Philosophy from 1863 until his death in 1865. His brother, Rev. William McCulloch, D.D., of Truro, bequeathed it to the University along with a sum of \$1,500 to form a fund for its maintenance. It contains a large and valuable collection of birds, especially native species of the Maritime Provinces, besides many mineral, rock and fossil specimens, shells of molluscs, Indian implements, etc. The fossil specimens include a collection of European 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 *Science Building*, Studley, contains the laboratories conducted by the Departments of Physics and Chemistry.

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

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

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

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

GENERAL UNIVERSITY REGULATIONS†

The Senate is the final authority in all matters relating to scholarship and discipline.

Registration

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

STUDENTS' HEALTH SERVICE

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

2. The Service provides for the following:

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

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

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

(g) Hospitalization:

If required to enter any hospital for observation or treatment a student, on discharge from the hospital, should present the receipted bill to the Director of the Students' Health Service who will forward it to the Business Manager. The student will be reimbursed at the rate of three dollars per diem for each day in hospital, to the extent of five days.

Students are advised that the public ward rate at the Victoria General Hospital is three dollars per diem, which includes medical and surgical attendance, medicines, dressings, laboratory tests and X-rays, etc.

3. The Service does not provide for the following:

- (a) Surgical operations.
- (b) Specialist's treatment.
- (c) Special nursing.
- (d) Dental treatment.
- (e) X-rays except the annual examination of the chest.
- (f) Physician's fee for attendance elsewhere than at the Dalhousie Public Health Clinic, except as stated in Section 2 (f) hereof.
- (g) Illnesses attributable to misconduct.
- (h) Hospitalization except as stated in Section 2 (g) hereof.
- (i) Any other service not specified in Section 2 hereof.

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

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

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

Physical Training

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

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

Tutors

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

Residence

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

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

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

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

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

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

No refund will be made to any resident who is dismissed for misconduct. Discretionary powers in exceptional circumstances will remain with the Business Manager.

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. The University extends its facilities to all denominations to make contact with their adherents following registration.

Discipline

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

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

Students are expected to be in attendance on the first day of term, and to remain in attendance until the last day of term,

as set forth in the calendar. Willful infraction of this rule is subject to the penalty of a fine to be determined by the nature and duration of absence.

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

Non-Academic Student Activities

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

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

University Library

The Library is open during the session on every week-day except Saturday, from 8.50 a.m. till 5.30 p.m. and on Saturday till 12 m. and during the greater part of the session from 7.30 to 10.00 every evening except Saturday and Sunday.

Books other than those on the reserved lists may be taken out by instructors or students and kept for two weeks. They must then be returned to the library.

Books on the reserved lists may ordinarily be taken out at 4 p.m. on any day, and must be returned before 10 a.m. the following morning.

Students are allowed the privilege of borrowing books from the library for the summer. Students, not resident in Halifax, using this privilege are required to make a deposit with the University Office. This deposit is returned when the books are replaced in the library.

Loan Funds

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

Student Employment

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

Caution Deposit

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

Laboratory Deposits

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

Unclaimed Deposits

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

Articles Lost and Found

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

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

Fee for Support of Student Organizations

At the request of the student body, as expressed by a ballot taken on the question and presented through the Council of the Students, a fee of \$13.00 is collected on registration from each student who takes more than two classes. This fee will be \$16.00 in the year in which a student receives a Degree or Diploma. The additional \$3.00 charge, which is collected for the Council of the Students, entitles the student to the Year Book published under the auspices of the Council. 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. Fifth year Medical students are required to pay a reduced fee of \$8.00, which entitles them to all privileges of membership.

Academic Costume

Undergraduates, Matriculants and Special Students attending more than one class, are entitled to wear gowns at lectures and all meetings of the University. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves, and a black trencher with tassel.

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

- B.A.—White silk bordered with white fur.
- M.A.—Crimson silk.
- B.Sc.—White silk bordered with scarlet silk.
- M.Sc.—Scarlet silk.
- B.Com.—White silk bordered with light blue silk.

B.Ed.—Dark blue silk bordered with white silk.
 B.Mus.—White silk bordered with lavender silk.
 LL.B.—White silk bordered with gold coloured silk.
 M.D., C.M.—Scarlet silk bordered with white silk.
 D.D.S.—Scarlet silk bordered with gold coloured silk.

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

Conferring of Degrees

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

By special permission of the Senate degrees may be conferred, in exceptional cases, *in absentia*. Written application giving reasons for the request must be made well in advance to the Secretary of Senate. The additional fee for such degrees conferred at Convocation is \$10.00. (See p. 64).

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.

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

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

Undergraduates are students who have completed the requirements for admission and are candidates for a Bachelor's degree or for a degree in a professional course.

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

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

Entrance Requirements

To be admitted to a regular course leading to a degree in Arts or Science or Commerce, a student must have credit for **seven** subjects of Junior Matriculation (see pp. 27-28) in (1) English, (2) Algebra, (3) Geometry, (4) a foreign language, (5) a second foreign language, (6) and (7) any two from History, Physics, Chemistry, Biology, Geology, Trigonometry, Latin, Greek, French, German, Spanish, Russian.

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

For B.A.:

One matriculation language must be Latin or Greek.

For B.Sc.:

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

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

For B.N.Sc.:

As for B.Sc.

For B.Com.:

One matriculation language must be French or German or Spanish.

For B.Mus.:

(1) English; (2) Latin or a modern language; (3) Algebra; (4) Geometry; (5) one of Biology, Chemistry, Physics; (6) History or a second foreign language.

For information regarding the Course in Music see page 41.

For LL.B.:

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

For further information, see pages 106 ff.

For M.D.,C.M.:

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

For further information, see pages 120ff.

For D.D.S.:

As for M.D.,C.M., see pages 142ff.

For B.Sc. (Pharmacy):

As for B.A. or B.Sc.

For B.Ed.:

As for Diploma in Education, see page 26.

Diploma Courses

Matriculation requirements for the Diploma Courses are as follows:

Diploma in Engineering:

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

For information regarding the course in Engineering, see pages 50 and 51.

Diploma of Licentiate of Music:

(1) English; (2) Latin or a modern language; (3) Algebra; (4) Geometry; (5) one of Biology, Chemistry, Physics; (6) History or a second foreign language; (7) the requirements listed on page 41 (b) and (c). See page 43.

Diploma in Pharmacy:

Complete matriculation in Arts or Science. See page 25.

Diploma in Education:

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

Diploma in Food Technology:

This course is taken in conjunction with a B.Sc. degree but requires one extra year. For further information see pages 47 and 48.

Subjects of Matriculation

The Matriculation examinations will be held at the University from September 13 to 17, 1950. For the time table of the examinations, see page viii. Papers of three hours each will be offered on request in the following subjects*:

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

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

Students who intend to write any of these examinations must apply to the Registrar's Office before September 16, 1950.

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

Requirements in Various Subjects

Candidates are expected to be prepared in the following requirements:

English.—Languages: Grammar, analysis, parsing. Compositions: 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 *Oxford High School History of England*; or, Text: *History of England, from the earliest times to the death of Queen Victoria*; or, *Rassau's Short History of England*.

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

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

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

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

*See page 26.

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

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

Greek.—As under Latin.

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

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

See Nova Scotia Journal of Education, June issue, for prescribed texts—Grade XI.

Equivalent work will be accepted for Matriculation.

French.—As for Grade XI Provincial Examinations in Nova Scotia. Texts as present prescribed are: M. Douda: *Modern French Course*, Lessons 31 to 50. Forrest: *French Poetry*, Selections 36 to 70. Manley: *Eight French Stories* (the first six stories). Moreneau: *Les Deux Sœurs*; Bernard: *L'Aspiens tel qu'on le parle*. Equivalent work will be accepted.

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

German.—B. J. Von: *Essentials of German*, Lessons 14-26. Reading from Kastner: *Evil und die Detektive*, and A. Willmann: *Eiser Mass Revolver*, complete. Equivalent work will be accepted.

Spanish.—Hills and Ford: *First Spanish Course* (Heath) to the end of Lesson XXXIV. *Sigüenza Legende* (Heath), complete. *Adventures de Gil Blas* (Heath), Chapters 1-10 inclusive. Equivalent work will be accepted.

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

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

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

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

Certificates Exempting from Examination

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

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

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

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

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

ADMISSION WITH ADVANCED STANDING On Grade XII Certificates

Provided that a student has completed matriculation on Grade XI work or the equivalent, a mark of 50 per cent. or more in certain subjects of Grade XII examinations or the equivalent will give exemption from not more than five of the following University classes:

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

The certificates to which these provisions apply are the following:

- (a) High School or Accredited School Certificate** of Grade XII of Nova Scotia issued by the Department of Education;
- (b) Third Year Certificate as issued by Prince of Wales College, Prince Edward Island;
- (c) Certificate of the first year of Memorial University College, Newfoundland;
- (d) Equivalent Senior Matriculation Certificates issued by Departments of Education of other Provinces, or approved by the Committee on Admission.

Students having credit for at least four of these classes will be given an opportunity to complete a course for a degree in three years, but it should be noted that only students of superior ability can do this. A candidate from Nova Scotia will be allowed supplemental examinations in the subjects required to complete five classes provided that the certificate shows a mark of at least 30 per cent in such subjects and that the candidate

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

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

has credit for the corresponding matriculation subjects. No degree credit will be given for certificates obtained after a student has been registered in the University.

Admission ad Eundem Statum

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

Persons seeking admission of *eundem statum*, in making application, must submit certificates of good character and standing, with duly certified statements of their Matriculation, and of the classes attended and passed, with the grades attained; and, if necessary, calendars of the institution from which they have come of such dates as to show the courses which they have followed.

Admission ad Eundem Gradum

A graduate of a University approved by the Senate, who has received his degree in course, may be admitted *ad eundem gradum* in this University on producing satisfactory evidence of good character and academic standing, and on payment of the required fee, provided that the applicant is pursuing a course of study or research in this University, or is associated with the academic work of the University.

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

Faculty of Arts and Science

The Academic Year begins September 25, 1950, and ends May 15, 1951.

For General University Regulations

(V. p. 17, et seq.)

GENERAL FACULTY REGULATIONS

Admission to Classes

1. No Undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications (see p. 25 et seq.).
2. The list of classes which a student may take should include all possible required classes, before any elective is added, but candidates for admission to Honour courses may have this rule modified on application to the Committee on Studies.
3. Five classes shall be regarded as constituting a normal year's work for a student in good standing.
4. Any student, who at the Christmas examinations has not shown reasonable proficiency, may, at the discretion of the Faculty, be required to discontinue attendance at the University for the remainder of the session. Fees will not be reimbursed to such students.

Class Work and Attendance

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

1. All students are required to attend the classes of their prescribed courses regularly and punctually.
2. They must appear at all examinations, prepare such essays, exercises, reports, etc., as may be prescribed and, in case of a class involving field or laboratory work, complete such work satisfactorily.
3. In determining pass lists both the standing attained in prescribed class exercises and in field or laboratory work and that in the various examinations are taken into consideration. A candidate who fails to obtain a mark of at least 25 per cent on the work of the session in any class shall lose credit for attendance in such class.

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

5. A candidate taking classes in another Faculty as part of an affiliated course must conform to the regulations of that Faculty

Examinations

Sessional and Class Examinations

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

Class Lists

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

Supplemental and Special Examinations

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

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

*Students who have failed to pass in any class should carefully note that any examination taken subsequent to the Supplemental examination held in September of the next session of their attendance is a Special examination. The standard required to pass a Special examination is considerably higher than that required for other examinations.

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

A student wishing to appear as a candidate at a Supplemental or Special examination shall be required to give notice of his intention to the Secretary of the Committee on Studies and Attendance on or before August 15, the fee (see p. 64) to be remitted with the notice.

Degrees and Courses

Courses are prescribed leading to the degrees of Bachelor of Arts (B.A.), Bachelor of Science (B.Sc.), Bachelor of Science in Engineering Physics (B.Sc. (Eng. Phys.)), Bachelor of Commerce (B.Com.), Bachelor of Music (B.Mus.), and Bachelor of Education (B.Ed.), and to the Diploma of Licentiate of Music (L.Mus.).

A course in Engineering, extending over three years, is prescribed for students who look forward to completing a course in Civil, Chemical, Mechanical, Electrical, Metallurgical or Mining Engineering at the Nova Scotia Technical College, or other technical institution. A diploma is given for successful completion of this course. The University provides courses required for the diplomas in Education, in Mining Geology, in Food Technology, and for the diploma in Pharmacy issued by the Maritime College of Pharmacy. (See p. 45).

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. 38-40).

The course of study for the degree of Bachelor of Science and for a diploma in Mining Geology extends over four years from Grade XII. (See pp. 36-37 and 47).

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

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

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

The course of study for the diploma of Licentiate of Music extends over two years, and that for the degree of Bachelor of Music over four years. (See pp. 41-44).

Ordinary Course for Bachelor of Arts

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

- (i) Two classes in either Greek or Latin.
- (ii) One class in one, not already chosen, of the following languages: Greek, Latin, French, German, Spanish, Hebrew, Russian, Italian.
- (iii) Two classes in English.
- (iv) History 1, Mathematics 1.
- (v) One class in Physics, Chemistry, Geology, or Biology.
- (vi) Any two classes from: the second class of the language chosen in (ii) above, a second class in History, Economics 1, Sociology 1, Political Science 1, Philosophy 1, Psychology 1, Mathematics 2, a Science Class.
- (vii) Seven classes which require a University class as prerequisite selected from not more than three of the following departments, and not more than seven such classes are included in any one department:
 - Biology (including Botany, Zoology, Histology, Embryology, and Physiology);
 - Chemistry (including Biochemistry);
 - Classics (including Greek and Latin);
 - Economics (including Sociology);
 - English Language and Literature (including Biblical Literature);
 - Geology;
 - History;
 - Mathematics;
 - Modern Languages (including French, German, Italian, Spanish and Russian);
 - Music;
 - Philosophy;
 - Physics;
 - Political Science;
 - Psychology.

(viii) Three elective classes.*

For details of classes in the above departments, see *Classes of Instruction*, page 66, et seq.

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

Lists of the classes chosen by students must be submitted to the Registrar's Office for approval not later than Saturday, October 7, 1930.

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

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

Order of Classes

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

First Year

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

Second Year

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

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

Third and Fourth Years

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

AFFILIATED COURSES

An Undergraduate looking forward to the study of Divinity, Law, Commerce, Medicine or Dentistry, may offer one of the following groups in place of the three electives of group (viii) above.

A. Divinity.—The classes in New Testament Greek, Philosophy of Religion, and Psychology of Religion, 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.—The classes of the first year.

C. Commerce.—Four classes from the Department of Commerce.

Graduates who have passed in the classes of Group C may complete a subsequent Commerce course in this University in two years, or with the approval of the department and a proper selection of classes, in one year.

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

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

Ordinary Course for Bachelor of Science

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

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

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

Lists of the elective classes chosen by students must be submitted for approval not later than Saturday, October 7, 1950.

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 Honor 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 purposes.

First Year

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

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

Second Year

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

Third and Fourth Years

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

Affiliated Courses

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

Course for Bachelor of Commerce*

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

- (i) Two classes in English.
- (ii) History 1, Mathematics 1 or 1C, a Science class, a class in a Modern Language.
- (iii) One class from the courses of instruction offered in the Faculty of Law.
- (iv) Economics 1, Economics 2 and Economics 6.
- (v) Commerce 1, Commerce 2 and Commerce 6.
- (vi) Seven other classes as directed by the Head of the Department of Commerce, selected mainly from the departments of Commerce, Economics and Mathematics.

Affiliated Courses

Arts.—See page 35.

Engineering.—An undergraduate looking forward to the study of Engineering should include English 1 under (i), Economics 1 under (iv), Chemistry 1 as the Science class under (ii), and Mathematics 2 and 34 among the classes selected under (vi) above. Such students are also reminded that in choosing their Arts elective they should include Commerce 6 and a foreign language.

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

*See pp. 74-76.

Order of Classes

Students looking forward to the study of Commerce should consult with the Head of the Department before registering for the first time in the University. They will be advised concerning the selection and order of classes. Admission to the classes of the second, third and fourth years will be conditional upon the completion, with a satisfactory record, of the work of the preceding year or years. The following schedule shows the order recommended:

First year—English 1 or 1A, Mathematics 1 or 1C, Economics 1, Commerce 1, Commerce 6.

Second year—English 2, History 1, a Science Class, Commerce 2, French 1 or German 1 or Spanish 1.

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

Honour Courses

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

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

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

3. To obtain Honours, a student must:

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

shall be primarily for Honour students and may be given in any way that the department may decide). This means that twenty-two classes are needed for the B.A. degree with Honours:

- pass a comprehensive examination covering his Honour work at the end of his course;
 - make an average of not less than 65 in all his Honour classes. (This includes the five advanced classes, the two additional classes and the comprehensive examination at the end).
4. In order to obtain *First Class Honours* a student must pass his Honour classes, as above in 3 (c), with an average of at least 80.
5. A degree with Honours may be obtained in the following departments:

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

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

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

Chemistry. Preliminary Classes.—Chemistry 1, 2 and 4, Physics 1 or 2, Mathematics 1 and 2. One class in German is recommended. It should be pointed out here that only the B.Sc. with Honours carries with it any professional standing, and that graduates must have an Honours degree to be eligible for membership in the Canadian Institute of Chemistry.

Classics. Preliminary Classes—Latin 1 and 2 or Greek 1 and 2. (Special consideration will be given to students backward in Greek because they could not obtain it in High Schools.)

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

English Language and Literature. Preliminary Classes—English 1 and 2 and preferably another class in English. Prospective Honour students in the second year of the regular course are advised to consult the Department concerning the

election of classes that will provide a suitable foundation for the Honour Course. Honour students should have or obtain a reading knowledge of German.

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

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

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

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

Philosophy. Preliminary Class—Philosophy 1.

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

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

Psychology. Preliminary Class—Psychology 1.

Honour students in Psychology are also recommended to take Biology 1, Sociology 1 and Philosophy 1. Zoology 9 and Sociology 5 are also suggested. Students who intend to take Honours in Psychology are strongly urged to consult the Department as early as possible in their course.

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

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

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

Those interested should consult the Instructor in Public Administration.

Requirements for the Degree of Bachelor of Music and Diploma of Licentiate in Music

The entrance requirements, which are the same for the degree and diploma courses, are as follows:

(a) Junior Matriculation in (1) English, (2) Latin or a modern language, (3) Algebra, (4) Geometry, (5) one of Biology, Chemistry, Physics, (6) History or a second foreign language.

(b) A Grade VIII certificate in a practical musical subject from the Halifax Conservatory of Music, or a Grade X (Intermediate Higher) certificate from the Maritime Academy of Music, or their equivalent.

(c) The theoretical subjects, including Aural Tests, Rudiments of Music and Harmony, required for the above certificates as listed in the calendars of the affiliated musical institutions.

Degree of Bachelor of Music

First Year

1. Harmony in three and four parts; common chords and inversions, the dominant seventh and inversions, unessential notes.
2. Strict Counterpoint in two and three parts.
3. History and Appreciation of Music; a general survey of the history of music chiefly from the point of view of the listener.
4. A viva voce examination in which questions of a general nature will be asked and melodic and harmonic aural tests given.
5. English 1.

Second Year

1. Harmony in not more than four parts; the higher dominant disords, secondary sevenths, elementary modulation.
2. Counterpoint; strict and free in not more than three parts; answers and counter-subjects to Fugue subjects.
3. History of Music; the development of music from earliest times to the present.
4. Musical Form and Analysis; the construction of phrases, sentences and complete movements; candidates will be required to answer questions on certain prescribed compositions.
5. A viva voce examination in which questions of a general nature will be asked and melodic and harmonic aural tests given.
6. English 2.

Third Year

1. Harmony in not more than four parts; advanced modulation, chromatic harmony, imitative writing for voices and instruments, elementary composition.
2. Counterpoint; strict and free in not more than four parts; Double Counterpoint; Fugal exposition; Canon in two parts.
3. Musical Form and Analysis. Candidates will be required to show a critical and analytical knowledge of certain prescribed scores.
4. A viva voce examination in which questions of a general nature will be asked; keyboard harmony, transposition and aural tests will also be given.
5. One course in any modern foreign language beyond Junior Matriculation.

Fourth Year

1. Harmony in not more than five parts; the composition of complete movements in various instrumental and vocal forms.
2. Free Counterpoint in not more than five parts; Double Counterpoint.
3. A complete Fugue (instrumental or vocal) in not more than four parts.
4. Canon in three parts.
5. Orchestration.
6. A viva voce examination in which questions of a general nature will be asked and keyboard harmony tests (including modulation) given.
7. Each candidate will be required to submit an original composition of a length sufficient to take at least fifteen minutes in performance. This may be either:
 - (a) A work for Chorus and String Orchestra (to which the candidate may add wind instruments at his discretion) containing a considerable amount of contrapuntal writing, and a section for solo voice, or
 - (b) A String Quartet in three movements.

In addition to the courses outlined above, candidates are required to complete the work for a certificate in a practical subject as follows:

Halifax Conservatory of Music—Grade X.

Maritime Academy of Music—Grade XII (Senior Higher).

The annual examinations in theoretical subjects will be held at Dalhousie University in May.

Diploma of Licentiate in Music**First Year**

1. Principal Practical Subject.
2. Second Practical Subject.
3. Harmony in three and four parts; common chords and inversions, the dominant seventh and inversions, unessential notes.
4. History and Appreciation of Music; a general survey of the history of music chiefly from the point of view of the listener.
5. Melodic and harmonic aural tests.
6. English 1.

Second Year

1. Principal Practical Subject.
2. Second Practical Subject.
3. Harmony in not more than four parts; the higher dominant chords, secondary sevenths, elementary modulation.
4. Strict Counterpoint in two and three parts.
5. History of Music; the development of music from earliest times to the present.
6. Musical Form and Analysis; the construction of phrases, sentences and complete movements; candidates will be required to answer questions on certain prescribed compositions.
7. Melodic and harmonic aural tests.
8. English 2.

Third Year

1. Principal Practical Subject.
2. Second Practical Subject.
3. Harmony in not more than four parts; advanced modulation, chromatic harmony, imitative writing for voices and instruments, elementary composition.
4. Counterpoint; strict and free in not more than three parts; answers and counter-subjects to Fugue subjects.
5. Musical Form and Analysis; candidates will be required to show a critical and analytical knowledge of certain prescribed scores.
6. Keyboard harmony, and melodic and harmonic aural tests.
7. One course in any modern foreign language beyond Junior Matriculation.

Candidates are required to pass the final examination in a practical subject at an affiliated musical institution (Halifax Conservatory of Music or Maritime Academy of Music) and give a public recital.

It will be noted that in addition to the principal practical subject, candidates are required to study a second practical subject. Whilst no examination is required in the second practical subject, proof of study must be submitted.

The annual examinations in theoretical subjects will be held at Dalhousie University in May.

General Regulations for Courses in Music

Candidates for any examination must make application to the Secretary of the Faculty of Arts and Science not later than March 31, the application being accompanied by the proper fee (see p. 64) and by certificates of having attended approved courses of instruction in the professional subjects of the examinations and of having satisfactorily completed the work of such courses.

Courses in Pharmacy

Degree Course

Students of Pharmacy may obtain the degree of B.Sc. (Pharmacy) by taking certain required classes in the Faculty of Arts and Science in addition to the classes in the purely professional subjects. (See pp. 36, 37). The Degree Course, leading to the degree B.Sc. (Pharmacy), is educationally desirable for all Pharmacy students. It is imperative for students preparing themselves for post-graduate study or for specialized pharmaceutical work.

Other Pharmacy Courses

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

The Elementary Pharmacy Course also prepares the student for the Certified Clerks' Examinations of the New Brunswick and Nova Scotia Pharmaceutical Societies. This Course begins the first week in September, 1950.

The Diploma Course begins on Thursday, September 28, 1950, and ends with the University session. The matriculation requirements are the same as those for the B.A. or B.Sc. degree. (See p. 27)

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 all information concerning Pharmacy Courses or for a copy of the calendar of the College address:

The Maritime College of Pharmacy,
Medical Sciences Building,
College Street,
Halifax, Nova Scotia.

Diploma in Education

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

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

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

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

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

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

The required subjects for the High School Rank Diploma are the classes Education 1, 2, 3 and 4, together with at least one in an academic subject, which must be Psychology 1 if not already taken. Education 1 is the only class in Education for which undergraduates are permitted to register. Students who have secured credit for Education 1 in their undergraduate study must complete the equivalent of five full classes during their post-graduate year. Of these, three will be classes in Education, one an academic class, and one a second academic class, or, in the discretion of the Professor of Education, the completion of a piece of practical work in education. If a piece of

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

Degree of Bachelor of Education

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

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

Further information may be obtained from the Registrar or the Professor of Education.

Course in Mining Geology

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

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

The time-table for this prescribed course may be obtained from the Head of the Department or the Registrar's Office.

Course in Food Technology

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

A. Required Classes

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

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

Dalhousie Classes:

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

Nova Scotia Technical College Classes:

- (xiv) Electrical Engineering Practice and Laboratory 216, 252, 217 and 253.
- (xv) Strength of Materials and Elements of Structures 102, 103 and 105.
- (xvi) Machine Design Theory and Machine Shop 330, 359, 360, 361 and 342. (To be taken in two parts over two years.)
- (xvii) Steam Power Plants and Heat Engines 303 and 367.
- (xviii) Heating and Ventilation 322 and 323.
- (xix) Physical Chemistry 701 and 702.

Course for Bachelor of Science in Engineering Physics

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

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

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

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

Third Year—Mathematics 3, French 2 or German 3, Mathematics 4, Physics 6, Physics 14, Mechanics 3.

The fourth and fifth year classes selected must have the approval of the Department of Physics and also the Nova Scotia Technical College.

Fourth Year—Physics 11A and 5 or 7 or 8 or 109 or 110, an elective class. Two classes at the Nova Scotia Technical College.

Fifth Year—

1. Physics 5 or 7 or 8 or 109 or 110.

2. One class at the Nova Scotia Technical College.

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

OR 1 class in Physics or Mathematics and 2 classes at Nova Scotia Technical College.

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

Course for Bachelor of Nursing Science

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

Course in Graduate Nursing

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

Uniform Course in Engineering

This course is intended for students who look forward to taking a degree in Chemical, Civil, Electrical, Mechanical, Metallurgical or Mining Engineering. It covers the requirements prescribed for admission to the courses for a degree in Engineering from the Nova Scotia Technical College, or to entrance into the third year of other engineering institutions.* A Diploma is given for successful completion of the course.

For admission see Matriculation requirements, page 26.

The course is one requiring three years, namely:

First Year—English 1A, Mathematics 1 and Mathematics Problems, Chemistry 1, Drawing 1, Surveying 1, an elective selected from the Humanities and Social Sciences. Commerce 6 is strongly recommended by the Department.

Surveying Camp—This camp, of three weeks duration, is held in May, immediately after Spring Examinations. It must be attended by all students who have just concluded Surveying 1, and is considered to be a part of that course.

Second Year—English 1 or 2, Mathematics 2, Physics 2, Drawing 2, Surveying 2, Chemistry 2**, Mechanics 3, Mechanics 5.

*Students planning to complete their course at some college other than the Nova Scotia Technical College are to consult the Department of Engineering before drawing up their course.

**Students in Chemical or Metallurgical Engineering are urged to register in at least one additional Chemistry class, if they intend to take a fourth year at the University.

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

As some changes are contemplated in the Chemical* and Metallurgical Courses, students planning to proceed to their degree in either are requested to consult with the Department of Engineering before registering.

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

Engineering students may obtain the degree of B.Sc. by taking certain Arts and Science classes in addition to those specified above, see p. 38.

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

**The course in Chemistry should only be selected after consultation with the Head of the Department.

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 November 1 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.)

1. Twenty-four scholarships, each of a maximum value of \$600. (\$150 per year) will be offered to properly qualified students who enter the University in 1950.
2. Selection of scholars shall be made on the following bases:
 - (a) The record of marks made in the Grade X quarterly and final examinations and the quarterly examinations of Grade XI which are available; in the case of Grade XII students on the Grade XI certificate and the quarterly examinations during the Grade XII course. Candidates from a Junior College should submit an official transcript of their record.
 - (b) A letter of recommendation from the Principal of the school or college.
3. In order to hold a scholarship:
 - (a) Candidates must in the same year in which the selection is made, produce a complete matriculation certificate, which must show an average of 85% in the seven required subjects with no mark below 50%. (For matriculation requirements, see p. 25)
 - (b) All scholars shall register for the degree of B.A., B.Sc., or B.Com. in October, 1950.
 - (c) Scholarships shall be relinquished if the holder fails to achieve scholarship standing in the university classes taken in any year.

Applications must be made on the proper forms which can be obtained from the Principal of the High Schools, or from the Registrar, Dalhousie University, and are to be returned to the Registrar before May 15, 1951.

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

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

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

Howard Murray Fund.—In 1941 the balance of the estate of the late Howard Murray, Professor of Classics, 1894-1930, consisting at that time of \$12,857, was left to the University for the benefit of the Department of Classics.

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

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

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

The George H. Campbell Memorial Scholarships Fund.—In 1917 Mr. and Mrs. George S. Campbell gave the University the sum of \$25,000 to commemorate their only son, George Henderson Campbell, B.A., '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 Entrance Scholarships. The money was to be used for that purpose.

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

Ardmale 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.

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

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

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

Prince of Wales College Scholarship.—A Scholarship of \$300 annually has been established to be given to the student who stands highest in the fourth year examinations of Prince of Wales College, Charlottetown, and who enters the Faculty of Arts and 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 Digby, Nova Scotia, in order that he or she may attend Dalhousie University for the purpose of receiving a college education." "In considering applications for such scholarship, regard shall be had to the moral worthiness and strength of character of applicants as well as to their high academic qualifications." Applications from qualified students may be sent to the Registrar.

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

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 sessional examinations.

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

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

The I.O.D.E. Bursary.—As part of a War Memorial the I.O.D.E. offers annually, one in each province of Canada, a bursary for four years' study in Canadian universities. For these bursaries, only the sons and daughters of deceased or permanently disabled men and women of the services (Army, Navy, Air Force) are eligible. The bursary shall be awarded to a candidate who meets the entrance requirements of the University of his or her choice. The bursary is of the value of \$1,600, i.e. \$400 a year for four years, provided that the holder passes the examinations of each year in the spring, or at latest, in the autumn of the same year. For further particulars communicate with the I.O.D.E. Provincial Educational Secretary, Mrs. G. D. Anderson, 17 Connaught Avenue, Halifax, N. S.

The Pi Beta Phi Fraternity Scholarship.—The Pi Beta Phi Fraternity offers a scholarship of the value of \$50, for the session 1950-51, to a woman student entering a university for the first time. Award will be based on scholarship, character and need.

First Year Scholarships and Prizes

These Scholarships are three in number, as follows:

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

They are open only to Undergraduates who are just completing the first year of the course in Arts or Science, and are tenable for one year (except the Bruce Scholarship) and are payable in two equal instalments, on November 1 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 page 35-36).

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

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

†Preference will be given to students of Scottish extraction.

††See page 54.

Second Year Scholarships and Prizes

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

The North British Society Centennial Bursary.—A Bursary of the annual value of \$100, founded by the North British Society of Halifax, will be awarded biennially. Candidates (men only) must be undergraduates in a course in Arts or Science who are just completing two years of residence, and must satisfy the test of moral 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, 1932.

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, 1931.

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

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

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

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

** See page 25.

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

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

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

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

Third Year Scholarships and Prizes

The Khaki University Scholarships.—From the Khaki University and Young Men's Christian Scholarship Fund, amounting to \$6,500, which was received from the trustees of the Khaki University Scholarships of the value of \$300 each, two in number, will be awarded, usually to third year students in Arts and Science, to be held during their fourth year. The award is based on scholastic attainments but preference is given to children of men and women who served overseas.

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

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

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

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

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

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

Third and Fourth Year Scholarships and Prizes

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

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 1880 to 1932. A capital sum was placed in the hands of the University in December, 1948, to permanently endow the scholarship, which will have an annual value of approximately \$300.

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

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

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

The Dr. George Hugh Henderson Scholarship in Physics.—This scholarship, of value up to approximately \$200 a year, is intended for students who have shown special ability in Physics and who are looking forward to further study in this field. It will normally be awarded to a student who is entering the fourth year of the Honor Course in Physics, providing his scholastic record is sufficiently high. The award will be made on recommendation of the Head of the Department of Physics.

Other Undergraduate Scholarships and Prizes

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

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

The Ross Stewart Smith Scholarship.—This scholarship, of the value of \$50, 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 Book Prize in Geology.—This prize, of the amount of \$50, contributed by Mrs. James L. Hall in memory of her husband who was a student at Dalhousie University in the years 1910-21, is awarded to the student who has completed the second year of the Engineering course with the highest standing. In order to receive this prize a student must register for one class in Geology in the third year of his course.

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

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

The Sarah M. Lawson Scholarship in Botany.—This scholarship of approximately \$500 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 first year of an Honours Course. Applications will be received by the Head of the Department of Biology before April 1.

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

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

The Walter F. Cogg Memorial Prize, from a grant made to the University by various donors, will be awarded to the student in Engineering, taking the regular three-year course, who has the highest average in the subjects of the Engineering Department. A prize of \$50 will be offered for the session 1950-51.

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

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

Nell and Jessie Matheson Bursaries.—The will of Mrs. Margaret J. Matheson, Truro, bequeathed a portion of the estate to Dalhousie University, the income from which provides for one or more bursaries awarded annually to students from the rural districts of Pictou County attending Dalhousie University. The awards are in memory of her father and mother, and are made at the discretion of the President.

Congregation Sons of Israel of Glace Bay Prize.—\$50 annually to be awarded under terms to be determined by the University.

Graduation Medals and Prizes

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

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

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

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

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

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

The Eric Dennis Foreign Scholarship, of a value not less than \$250, founded by Senator William Dennis and Mrs. Dennis, may be awarded on graduation to the student standing highest in the Department of Government and Political Science, provided he attains a sufficiently high standard and obligates himself to pursue at least one year of post-graduate study in the same department at another university approved by the Senate.

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

OPEN TO ALL STUDENTS

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

W. H. Dennis Prizes for English Compositions

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

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

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

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

The Overseas League Essay Prize.—This prize, being the interest of a fund of \$1,000 given by the Halifax Branch of the Overseas League, will be awarded annually. It will be offered for the best essay on some question, historical or critical, relating to the place of the Overseas Dominions in the British Commonwealth.

The 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 £20 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, business or residence, or for any Province in which they have resided at least two years of their college education before applying.

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

1. Literary and scholastic attainments;
2. Qualities of manhood, truth, courage, devotion to duty, sympathy, kindness, unselfishness and fellowship;
3. Exhibition of moral force of character and of instincts to lead and to take an interest in his schoolmates;
4. Physical vigor, 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 vigor is an essential qualification for a Rhodes Scholarship but athletic skill is of less importance than the moral qualities developed in playing outdoor games. Poverty does not give a special claim to a Scholarship. The strongest candidate should be appointed regardless of his financial circumstances.

Full particulars can be obtained from A. G. Cooper, 35 Bedford Row, Halifax, N. S., Secretary of the Selection Committee for the Province of Nova Scotia.

Each candidate for a Scholarship is required to make application to the Secretary of the Committee of Selection of the Province in which he wishes to compete not later than November 1.

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

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, 1950.

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, 1950.

Harry F. Bennett Educational Fund.—This Fund has been established by subscriptions from members of the Engineering Institute of Canada, in memory of the late Harry F. Bennett, M.E.I.C. One purpose of the Fund is to make loans to deserving students in Engineering who need financial assistance and who have proved themselves by successfully completing their first year in Engineering. Further information and application blanks may be obtained at the office of the Head of the Department of Engineering.

The Leonard Foundation, created by Lieut.-Col. and Mrs. R. W. Leonard, of St. Catharines, Ont., has established a number of Scholarships, tenable at certain specified colleges, of which Dalhousie is one, for selected students of certain defined classes. Applications must be in the hands of the Foundation on or before March 31. For detailed information and application forms for either new grants or renewal of previous grants address the Registrar.

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

Fees

All Fees and Deposits are payable in advance, and until these are paid, the student will not receive credit for attendance upon any class. Students who, by December 1, have not completed satisfactory arrangements regarding fees with the Business Office, will not be permitted to sit for the Christmas Examinations.

FEES

For Registration*	
Payable by students taking only one class in the University (including Library Fee of \$5.00 but excluding Student Health Service)	\$20.00
Payable by students doing thesis work for B. Ed. degree (including Library Fee of \$5.00)	15.00
Payable by students taking more than one class (including Library Fee of \$5.00)	30.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day	2.00
For Tuition	
For each class other than a Commerce class, not involving work in laboratory or draughting-room	\$ 30.00
For Education 1	32.00
For each Commerce class	40.00
For one or more classes in Accounting (including laboratory fees)	2.00
**For each draughting-room class	40.00
**For laboratory classes in—	40.00
" " " —Biology, Botany, Zoology	45.00
" " " —Physics, Chemistry	50.00
For course leading to Education Diploma	120.00
The inclusive tuition fee for students registered in Commerce for each year (5 courses) is	300.00
For students taking one of the regular Engineering courses the tuition fee, including laboratory fees, for the first year will be	\$200.00
For the second year of this the maximum inclusive fee will be	225.00
For the third year of this the maximum inclusive fee will be	225.00
For students taking the Fisheries Course the tuition fee will be	120.00
For changing course of study after October 7	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 7, a student may retire from a class for which he has paid, and his class fee will be refunded; but if he retires 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 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. Reduction in classes by action of the Faculty shall not be considered a valid reason.

A report must be made in writing to the office of the Registrar in all cases of withdrawal from the University or from a class during the session, stating date and reason for withdrawal. No refund of tuition or residence fees will be considered unless such a report is made.

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

*Students who register only for the purpose of taking examinations are exempt from this fee.
**See Laboratory Deposits, p. 22

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
Ditto, at an outside centre	30.00
*†††For re-marking a paper	3.00

For Certificates and Diplomas

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

Certificate of Standing: first copy—no charge; additional copies—each	\$.50
B.A., B.Sc., B.Com., B.Mus., B.Ed., Diploma	10.00
L.Mus., Engineering, Education Diplomas	5.00
All examinees proletem diploma	10.00
Additional fee for any degree conferred in absentia at the Spring Convocation	10.00

See pages 21 to 23 for

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

See page 80 for

Education 3B, Travelling and living expenses.

**If a late application is accepted, an additional fee of \$5.00 per day (maximum \$25.00) must be paid. If application for refusal of supplemental examination fee is not made on or before October 15, the fee will be forfeited.

†††Conduct examinations in the professional faculties will not be re-marked.

†Applications for re-marking must be made in writing to the Registrar within three months of the date of the examination.

†††Permissible before the final examination, and reasonable 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, Philosophy and Psychology of Religion, 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 (King's).
- Hebrew: see Divinity.
- Histology and Embryology: see Biology.
- History.
- Italian: see Modern Languages.
- Latin: see Classics.
- Law.
- Mathematical Physics: see Physics.
- Mathematics.
- Mechanics: see Engineering.
- Medicine.
- Modern Languages. (French, German, Italian, Russian, Spanish)
- Music.
- Pharmacology: see Biology.
- Philosophy.
- Physics (Physica, Mathematical Physics).
- Physiology: see Biology.
- Political Science.
- Psychology.
- Russian: see Modern Languages.
- Spanish: see Modern Languages.
- Sociology: see Economics.
- Surveying: see Engineering.
- Zoology: see Biology.

CLASSES OF INSTRUCTION

Classes marked * are designed for those taking
Honours Courses.

Biblical Literature

Lecturer.....Elias Andrews.

M. and P. at 3.30 p.m.

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

This course includes a study of the following subjects: The origins and sources of Biblical Literature; the history of Palestine and its relation to other ancient civilizations; the origin and growth of Hebrew Prophecy, Hebrew Law, Hebrew Wisdom, and Hebrew Poetry; the origin and development of Apocalyptic Literature; the rise of Judaism; the beginnings of Christianity; the oral and written sources behind the Gospels; the Pauline letters, and the literary expression of the Christian Faith which completes the New Testament Canon. An attempt is made to furnish the student with an intelligent approach to the whole field of Biblical Study.

For reference: J. A. Brown, *The Literature of the Old Testament*; E. F. Scott, *The Literature of the New Testament*; T. W. Manson, *A Companion to the Bible*; M. E. Chase, *The Bible and the Common Reader*.

Biochemistry: see Chemistry
Biology

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

1. **General Biology.**—Lect.: Tu., Th. and S. at 9 a.m. Lab.: F., 2.30 to 5.30 p.m.; or Th., 10 a.m. to 1 p.m. H. P. Bell, D. Pellon.

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.....

Technical Assistant.....Anne L. Gerban.

2. **General Botany.**—(1951-52). Lect.: *M. and W.* at 2.30 p.m. Lab.: *M. and W.* 3.30 to 5.00 p.m. H. P. Bell.

Prerequisite.—Biology 1.

3. **Economic Plants, Their Structure and Use.**—(1950-51). Lect.: Tu. and Th., 2.30 to 3.30 p.m. Lab.: Tu. and Th., 3.30 to 5.30 p.m. H. P. Bell.

Prerequisite.—Biology 1.

6. **The Flora of Nova Scotia.**—(1950-51). Lect.: *M. and W.* at 9 a.m. Lab.: *Three hours per week.* H. P. Bell.

Prerequisite.—Biology 1.

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

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

For Honours and Graduate students.

Prerequisite.—Botany 2 or Botany 3.

Zoology

Professor.....P. Ronald Hayes.
Associate Professor.....D. Pelluet.

2. Comparative Vertebrate Anatomy.—*Lect.*: Tu. and Th. at 2:30 p.m. *Lab.*: Tu. and Th., 3:30 to 5:30 p.m. F. R. Hayes.

Prerequisite.—Biology 1.

3. Invertebrate Animals, Their Structure, Life History and Parasitic Relations to Man.—(1950-51). *Lect.*: M. and W. at 2:30 p.m. *Lab.*: M. and W., 3:30 to 5:30 p.m. D. Pelluet.

Prerequisite.—Biology 1.

4. Evolution, Genetics and Experimental Embryology.—(1951-1952). *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.—(1951-52). *Lect.*: Tu. and Th. at 9 a.m. *Lab.*: Tu. and Th., 10 a.m. to 12 m. F. R. Hayes.

Prerequisite.—Biology 1, Chemistry 1.

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

6. Experimental Zoology.—(1950-51). *Lect.*: Tu. and Th. at 9 a.m. *Lab.*: Tu. and Th., 10 a.m. to 12 m. F. R. Hayes.

Prerequisite.—Biology 1, Chemistry 1.

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

7. Cytology and Histological Technique.—(1951-52). *Lect.*: M. and W. at 2:30 p.m. *Lab.*: M. and W., 3:30 to 5:30 p.m. D. Pelluet.

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

Prerequisite.—Zoology 7.

This class deals with methods of investigating the properties of proto-plasm, cells and tissues.

9. Human Physiology.—*Lect.*: M. and F. at 9 a.m. *Lab.*: M., 10 a.m. to 11 a.m. C. B. Weld.

Prerequisite.—Zoology 2, Chemistry 1.

This course is given by the Medical Faculty but it is separate from the Medical course. It is limited to 15 students.

10. The Influence of Chemical Agents on Living Organisms.—*Lect.*: Tu. at 3:30 p.m., Sat. at 12 noon. *Lab.*: F. at 2:30 to 5:30 p.m. J. G. Alcock.

Prerequisite.—Chemistry 4, Zoology 2.

This is a separate course given to Arts students by the Medical Faculty. A study will be made of chemical agents which affect various physiological and biochemical processes both in man and lower animals.

This class is limited to 12 students.

Biological Seminars

Lectures and presentation of papers by members of the staff and senior students. All Honors 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 those 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 Sciences degrees by those who offer a group in Biology, and for that purpose they are regarded as classes in Biology.

Anatomy

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

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

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

Chemistry

Professors.....C. C. Coffin (*Head of Dept.*),
.....W. J. Chute (*Director of Laboratories*).

Assistant Professors.....C. A. Reilly, W. R. Trout,
Belle Case Teaching Fellow.....S. O. Whiteway,
Laboratory Assistants (1949-50).....I. Bowden, R. Conter, Renato Fisher,
I. H. S. Henderson, L. C. Johnston, Maria Klynkiv, D. F. MacLennan,
A. R. Reid, J. S. Ross, G. C. Shaw, W. D. L. Sherren, D. G. Smith.

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

1. General Chemistry.—*Lect.*: M., W. and F. at 9 a.m. *Lab.*: Tu., W., or Th. at 2:30 to 5:30 p.m. W. R. Trout.

Prerequisite.—Matriculation Chemistry or Physics or Mathematics.
Text Books: *Purdie: General Chemistry. Mills and Finkle: Laboratory Course for Purdie's General Chemistry.*

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

2. Elementary Physical and Analytical Chemistry.—*Lect.*: Tu. and Th. at 10 a.m. *Lab.*: M. or F., 2:30 to 5:30 p.m. C. C. Coffin.

Prerequisite.—Chemistry 1.

Text Books: *Chapin and Nelson: Second Year College Chemistry.* Other texts to be announced.

The laboratory work of this class is a continuation of that of Chemistry 1 plus qualitative analysis and exercises in quantitative analysis.

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: To be announced.

The following undergraduate classes are primarily designed for students intending to take Honours in Chemistry. (See pages 28 and 39). Chemistry 7 should be taken in the third year and Chemistry 8 in the fourth year. Chemistry 5 and 6 may be taken in either year. Others wishing to take any of these classes must obtain the consent of the instructor.

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

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

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

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

Prerequisite.—Chemistry 2, 4.

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

Text Books: Wittstein: *Treatise of Organic Chemistry*. Steiner and Fieser: *Identification of Organic Compounds*.

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

Prerequisite.—Chemistry 2, Physics 1 or 2.

Text Books: Middleton & Wilford: *Semimicro Qualitative Analysis*. Kobbef & Sandell: *Inorganic Quantitative Analysis*.

8. **Inorganic Preparations and Analysis.**—Conferences and Lab., 8 hours per week. C. A. Reilly.

Prerequisite.—Chemistry 7, Physics 3.

Text Books: To be announced.

In this course modern instrumental methods of analysis will be emphasized.

Biochemistry

The class Biochemistry 1A (see page 132) may be offered as an undergraduate elective.

11. **Undergraduate Research** for Honours students.

Advanced Classes

The following classes are for Honours or Graduate Students in Chemistry and others who satisfy the instructor that they are qualified. They are offered in alternate years and will be given only if sufficient number register. Each consists of two lectures or seminars and three hours of laboratory or problem work per week. Prospective Graduate Students are referred to the calendar of the Faculty of Graduate Studies.

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

112. (1951-52)—**Carbohydrates and Naturally Occurring Substances.** W. J. Chute.

113. (1951-52)—**Chemical Kinetics and Photochemistry.**

W. R. Trust.

114. (1950-51)—**Electrochemistry and Thermodynamics.**

W. R. Trust.

115. (1950-51)—**Chemical Physics I.**

C. A. Reilly.

The content of this course and of Chemistry 116 varies from year to year, the emphasis being on the application of quantum mechanics and statistical mechanics to chemical matters such as the theory of valence, solutions of electrolytes, etc.

116. (1951-52)—**Chemical Physics II.**

C. A. Reilly.

117. (1951-52)—**Nuclear and Radiation Chemistry.** C. C. Coffin.

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

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

Classes

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

Greek

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

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

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

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

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

M. O. Morgan.

Prerequisite.—Matriculation or Elementary Greek.

Plato: *Euthyphro*, *Euripides: Iphigenia in Tauris*, *Greek Grammar*, *Greek Prose*. Exercises in sight translation, Greek literature.

Text Books: Plato: *Euthyphro* (Greene, MacMillan). *Euripides: Iphigenia in Tauris* (Alington, Bell). *North and Hillard: Greek Prose Composition* (Harcourt, London). *Goodman: Introductory Greek Grammar* (Ginn). *Advanced Greek Literature* (Horn, Home University Library O.U.P.).

2. M., W. and F. at 12 m.

J. A. Doull.

Prerequisite.—Greek 1.

Plato: *Apology and Cratylus*, *Horner: Iliad VI*, *Greek Grammar*, *Greek Prose Composition*, *Exercises in Sight Translation*, *Greek Thought*.

Text Books: Plato: *Apology and Cratylus* (Adams, Clark, U. P.). *Horner: Iliad VI* (Leaf and Bagdall, MacMillan, London). *Taylor: Services* (Piper Davies Ltd., London).

3. (1950-51). *Three times a week. Hours to be arranged.*

M. O. Morgan.

Prerequisite.—Greek 2.

Herodotus: *VI, VIII* (selected). *Thucydides: I, II* (selected). *Plato: Republic I*. *Greek Prose*. *History of 5th Century B. C.*

Text Books: *Herodotus: VI, VIII* (U. Strachan, MacMillan). *Thucydides: I, II* (Merchant, MacMillan). *Plato in the Ideal Commonwealth of Plato* (Tuckey, George Bell & Sons, London). *Hellicus: History* (Babington revised by Robinson, MacMillan, New York).

4. (1951-52). *Three times a week. Hours to be arranged.* M. O. Morgan.
Prerequisite.—Greek 2.

Homer: *Odyssey VII, VIII, Eriepides: Medea, Electra*, Greek Prose Composition. Exercises in Sight Translation. Greek Literature of 5th Century B.C.

Text Books: Homer: *Odyssey I-XII* (Stanford, MacMillan). Euripides: *Medea* (Harvard, MacMillan), *Electra* (Doubleday, Co. U. S. P.). *Handbook of Greek Literature* (Rice, Methuen).

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

Demosthenes: *Philippics I, III, Olynthians III*. Isocrates: *Philip. Plato: Republic II-IV*. Greek Oratory.

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

Euripides: *Hippolytus*. Sophocles: *Oedipus Rex*. Aeschylus: *Prometheus Vinctus*. Aristophanes: *Frogs*. Greek Drama.

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

8. Aristotle: *Politics* (selected). Thucydides: *V, VII*. Pindar: *Odes* (selected). Sophocles: *Antigone*. Greek Political Ideas.

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

Latin

Elementary Latin.—*Tu, Ta, and S. at 11 a.m. and M. at 2:30 p.m.*
M. O. Morgan.

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

Text Books: *Hotch and Method: Latin Fundamentals* (Prentice-Hall, New York). *Vergil: Aeneid I* (Dell or MacMillan).

1. (1) *M., W. and F.* at 11 a.m. (2) *Tu., Ta, and S.* at 10 a.m.
J. A. Doull.

Prerequisite.—Matriculation Latin.

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

Text Books: *A Little Latin* (A. Perle, Co. U.S.P.). Allen and Greenough: *New Latin Grammar* (Glencoe, North and Hill); *Latin Prose Compositions* (Rivington). *Roman Pictures* (Glencoe, MacMillan).

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

Prerequisite.—Latin I.

Salust: *Catullus*. Catullus: Selections. Horace: *Odes* (selected). Latin Grammar. Latin Prose. Exercises in Sight Translation. Background of Latin Life and Literature.

Text Books: Salust: *Catullus* (Dell, MacMillan). Catullus (Sturges, MacMillan). Horace: *Odes and Epodes* (Smith, Glencoe). Prop. (MacMillan). Allen and Greenough: *New Latin Grammar* (Glencoe). North and Hill: *Latin Prose Compositions* (Rivington). *Rome* (W. Ward Fowler, Johns University Library, Co. U.S.P.).

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

Pliny: *Letters* (selected). Juvenal: *Satires* (selected). Tacitus: *Agricola*. Latin Prose Composition. Exercises in Sight Translation. Literature of the Early Empire.

Text Books: Pliny: *Selected Letters* (Weston, Clark and Bacon, New York). Juvenal: *Satires* (Dell, Co. U.S.P.). Tacitus: *Agricola* (Harris and Brodribb, MacMillan).

4. (1951-52). *Tu., Ta, and S. at 11 a.m.*
J. A. Doull.
Prerequisite.—Latin 2.

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

Text Books: Cicero: *Selected Letters* (Prent. Hall). Horace: *Satires and Epistles* (Meritt, Am. Book Co.).

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

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

6. (1951-52). *Hours to be arranged.*
A. K. Griffin.

Plautus: *Menandrus*. Terence: *Adolphus*. Tibullus (selected). Vergil: *Eclipses*, (selected). Ovid (selected). Poetry of the Republic.

7. Horace: *Epistles, Ars Poetica*. Petronius: *Gena Trimalchionis*. Seneca: *Apocryphous Dicit Claudii*. Quintilian: *Book X*. Tacitus: *Annals, I, II*.

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

9. Latin Prose Composition.—*Hours to be arranged.* J. A. Doull.
Prerequisite.—Latin 2.

Text Books: Arnold's *Latin Prose Composition* revised by G. G. Bradley (Longmans, London); W. G. Herber: *Latin Prose Compositions* (Arnold, London). Cicero: *Philippic II* (Glencoe, Co. U.S.P.).

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

The authors studied will be those prescribed by the Dept. of Education in Nova Scotia for High School study.

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.

Classical Civilization

1. Political Ideas and Institutions of Ancient Greece.—(1950-51).
Two hours a week; to be arranged.
M. O. Morgan.

This is an advanced class. Students are asked to get the permission of the instructor to enter.

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

2. **Political Ideas and Institutions of Ancient Rome.**—(1951-52). Two lectures a week, to be arranged. M. O. Morgan.

The same restriction applies as in the above class.

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

3. **Classical Life and Literature.**—M., W. and F. at 9 a.m.

Prerequisite.—Latin 1.

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

Test papers and essays will be set each week.

Text Books: *Homer, Iliad and Odyssey* (Everyman's Library); *Virgil, Aeneid* (World's Classics); *Wood and Foster; Rome* (Home University Library, Ox. U. P.).

Commerce

Professor..... H. S. Cumming (Head of Dept.)
 Assistant Professor..... Wilfred Berman
 Lecturer..... C. F. Fraser
 Special Lecturer..... H. Churchill-Smith.

1. **Accounting.**—(Given every year).—T_u, T_h and S. at 9 a.m.

Instructions in books of Account and Financial Statements; transactions through the books of original entry; notes and bills of exchange and other commercial paper; inward and outward commitments; capital and revenue expenditure; bank reconciliations; work sheet; preparation of statements.

2. **Accounting.**—(Given every year).—T_u, T_h and S. at 10 a.m.

Prerequisite.—Commerce 1.

Partnerships, corporations and manufacturing accounts; operating statements and balance sheets; departmental accounts.

3. **Accounting.**—(Given every year).—M., W. and F. at 11 a.m.

Prerequisite.—Commerce 2.

Investigations and reports; comparative balance sheets and operating statements; sources and application of funds; branch accounts; auditing; audit working papers; Dominion and Provincial audit procedure.

4. **Accounting.**—(Given every year).—M., W. and F. at 2:30 p.m.

Prerequisite.—Commerce 2.

Cost accounting; budgets; holding companies; re-organizations; mergers and amalgamations; excursions; bankruptcy and liquidation accounts; income taxes; public utility, governmental, trust and stock brokerage accounts.

5. **Accounting Seminar.**

Prerequisite.—Commerce 3 and the consent of the instructor.

Major topics discussed will include systems and special considerations in the accounting and audit of the following: banks; insurance companies; lumbering companies; pulp and paper companies; chain and department stores; hospitals; clubs; hotels.

A specialized seminar course for selected students.

6. **Economics of Business.**—(Given every year).—M., W. and F. at 10 a.m.

A basic course, providing an introduction to those sectors of economics likely to be most useful to the business executive. Includes a study of demand, production, costs, prices, wages and employment, profits, risks and insurance, business stabilization.

Lectures and class discussions are supplemented by cases designed to provide practice in the economic analysis of typical business problems.

7. **Marketing.**—T_u and T_h at 11 a.m.

Prerequisite.—Economics 1.

The evolution of markets and marketing; market structure, organization, and behaviour; marketing functions; pricing and price policy; marketing problems of producers of raw materials, agriculturists, manufacturers, wholesalers and retailers; marketing costs and efficiency; public and private regulations.

Representative cases are presented to students for class discussions or written reports for the purpose of developing an ability to analyze marketing problems.

8. **Industrial Relations.**—(1950-51). T_u and T_h at 10 a.m.

Prerequisite.—Economics 1.

This course deals with the main economic and social forces which affect management in its relationships with labour and government; the economic, political, legal and administrative factors bearing on public policies affecting business; and the problems of business responsibility created by the expanding scope of government's economic activities.

9. **Economic Geography.**—World Industries and Resources.—T_u, T_h and S. at 11 a.m.

Prerequisite.—Economics 1.

This course describes and analyzes the regional distribution of the world's resources, industries, and population. A study is made of the distribution and comparative importance of manufacturing, mining, forestry, agriculture, and trade, in relation to such factors as power resources, raw materials, climate, landforms, centres of population, and world trade routes. It is designed to provide an essential background for understanding industrial and commercial opportunities and limitations in various areas of the world.

10. **Economic Geography.**—The Regional Economy of Europe and the Americas.—(1950-51) T_u, T_h and S. at 11 a.m.

Prerequisite.—Economics 1.

A study of the industries, the agriculture, and the commerce of Europe and North and South America, and an examination of the elements of the

geographical background—position, relief, climate, and natural resources—contributing to the economic strength and weakness of the principal countries in each continent. Attention is also given to geographic features upon which trade between these continents is or may be based.

11. **Modern Economic and Business History.**—(1950-51). Tu. and Th. at 9 a.m.

Prerequisite.—Economics 1.

Economic history since 1815, with special reference to the economic development of Great Britain, France, Germany, Russia and U. S. A. Attention is given to the relevant background for an understanding of the development of the main current of economic thought.

12. **Seminar in Economic Institutions.**—Tu. at 3.30 p.m.

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

An examination of the origin and development of the institutions which comprise the modern economic organization.

Each student is required to prepare written reports on an approved topic. Discussion is based on these reports and on assigned readings.

13. **Seminar in Economic and Business Problems.**—(1950-51). Tu. at 3.30 p.m.

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

A continuation of Commerce 6, designed to develop competence in the analysis of the economic environment in which business is conducted. Business and other economic processes are examined from the point of view of the economy as a whole, and the economic aspects of public policy in the relations of government to business are considered. Topics receiving emphasis include: employment, prices, national income, business fluctuations, competition, monopoly, and government regulation.

Each student is required to prepare written reports on an approved topic. Discussion is based on these reports and on assigned readings.

14. **Law Class.—Contracts.**

This course includes a study of the general principles of the law of Contracts. Given in the Faculty of Law.

Commerce Discussion Club.—

Discussions on recent developments in business; presentation of papers by senior students; reviews of current journals; talks by business men and government officials.

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. 37).

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

The Society of Industrial and Cost Accountants offers exemptions to graduates in Commerce of this University who are seeking the degree of Registered Industrial Accountant. Special courses have been arranged for this purpose by the University in co-operation with the Society.

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 in the Faculty of Divinity, at King's College is recognized as qualifying for a degree for those taking the affiliated course for Divinity. Similar classes in other theological colleges approved by the Faculty are also recognized for the same purpose.

New Testament Greek

Prerequisite.—Greek 1.

The class and examination in New Testament Greek conducted at Pine Hill Divinity Hall, Halifax, and those conducted in the Faculty of Divinity, at King's College, are recognized as qualifying for a degree for those taking the affiliated course for Divinity. Similar courses in other theological colleges approved by the Faculty are also recognized for the same purpose.

Drawing: see Engineering

Economics and Sociology

Economics

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

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

W. R. Maxwell.

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

W. R. Maxwell.

Prerequisite.—Economics 1.

3. Labour Problems.—(1951-52). M, and W, at 11 a.m. S. H. Prince.

An introductory survey of the principles and problems of labour economics. The historical background of industrial unrest. Rise of the labour movement. Its economic, political and co-operative fronts. Types of labour organization. Changing policies. The growth of labour law and social security measures. Roads to industrial peace.

Attention will be given to specific labour issues such as unemployment, hours of work, minimum wages, etc.

4. Economic Theory.—(1951-52). M, and W, at 11 a.m.

W. R. Maxwell.

Prerequisite.—Economics 1.

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

Prerequisite.—Economics 1.

J. F. Graham.

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

J. F. Graham.

Prerequisite.—Economics 1 and Mathematics 1.

7. Advanced Statistics.—(1950-51). Tu, and Th, at 2.30 p.m. Laboratory period to be arranged.

J. F. Graham.

Prerequisites.—Mathematics 1, Economics 1 and 6.

8. The National Income and Its Fluctuations.—(1950-51). M, and W, at 11 a.m.

J. F. Graham.

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

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

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

*Economics 10 and 11.—These are the special classes for Honour students prescribed in the regulations governing Honour Courses.

Sociology

Professor S. H. Prince.

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

Text Books: *Lansley: Principles of Sociology* (2nd Ed.), *Gilks and Gilks: Cultural Sociology*, *Dawson and Getz: Introduction to Sociology*. *MacIver: Society: A Text Book of Sociology*.

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

2. The Modern Community.—(1951-52). Tu, and Th, at 2.30 p.m.

Prerequisite.—Sociology 1 or Economics 1.

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

Text Books: *Colson and Newmyer: The Community and Society*. *Thompson: Population Problems*. *Elbert and Merrill: Social Disorganization*.

Reference Books: *Wright: Population*. *Townsend: Social Problems* (Revised Ed.). *Davis: Problems of City Life*. *Sorokin and Zimmerman: Social-Indian Sociology*. *Fatchild: Immigration*. Also topical bibliography supplied in class.

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

Prerequisite.—Sociology 1 or Economics 1.

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

Text Books: *Merrell: Social Institutions*. *Miller: Social Institutions*. *Orin, Church and Isaacson*. *Clifford, Robinson and Wheeler: Social Institutions of the Semitic Peoples*. *Miller-Lyer: History of Social Development*.

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

Prerequisite.—Sociology 1 or Economics 1.

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

Text Books: *Colbert: Principles of Social Legislation*. *Jacks: Governmental Action for Social Welfare*. *Kelso: Science of Public Welfare*. *Strong: Public Welfare Administration in Canada*. *Lippman: Public Opinion*. *Barrows: Canadian Labour Laws*.

Reference Books: *Hess: Mechanics of Law-making*. *Cooley: Legislative Experiences*. *Revised Statute of Canada*.

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

Prerequisite.—Sociology 1.

Text Books: *Lichtenshaner: Development of Social Theory*. Additional readings prescribed from Giddings, Stenod, Boggs, Barrows and other writers on historical sociology.

Anthropology

6. Introduction to Anthropology.—(1951-52). M, and W, at 12 m.

Prerequisite.—Sociology 1 or Economics 1.

(i) Human origins.

(ii) Beginnings of Civilization.

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

Text Books: *Sillars: Physical Anthropology*. *Taney-High: General Anthropology*. *Washin: Introduction to Social Anthropology*.

Reference Books: *Kroeber and Waterman: Source Book of Anthropology*. *Lowie: Primitive Society*. *Troster: Social Origins*. *Goldsworthy: Early Civilizations*.

7. Applied Anthropology.—(1950-51). W, and F, at 11 a.m.

Prerequisite.—Sociology 1.

Anthropological methods and applications. A seminar course relating anthropological research to Canadian acculturation problems such as Indian and Oriental assimilation, the Eskimo question, bi-culturalism, industrial relations, racial and religious co-operation.

Public Administration (Welfare).

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

Social Work

Students looking forward to professional training in the Maritime School of Social Work should, if possible, include in their undergraduate programme a year's work in Political Science, Psychology, Economics and Sociology, as well as one or more second courses in the two latter fields. It is also recommended that students shall have completed a year's work in Biology. It is desirable that they possess a reading knowledge of French.

Education

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

All Education courses, except Education 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. at 11 a.m.

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

Text Books: A. G. and G. H. Hughes: *Learner and Teaching*.

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

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

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

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

A study of modern school systems in selected countries.

Books of Reference: L. K. Knudsen: *Comparative Education*. P. Sandford: *Comparative Education. The Four Books of Education (Vines)*.

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

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

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

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

B. **The Teaching of School Subjects.**—Tu., 10 a.m. to 12 m. and W., 2 to 5 p.m.

A study of the techniques of teaching the subjects studied in the public schools of Canada, based on the Programme of Studies for Nova Scotia. Three hours per week will be spent on practical projects, testing, visits to schools, etc. This period will normally be held on Wednesday afternoons.

Part of the course will consist of a period of observation and practice teaching in the public schools in Halifax. Each candidate for the Diploma in Education must act as substitute teacher for three full days, without pay other than credit in this course, if asked to do so by the Supervisor of the Halifax Schools.

This class will include a period of Field Work in Education in some selected area of the Province. To cover travelling and living expenses for this course a fee of \$15 is payable at registration.

Text Book: *Handbook in the Course of Study for Nova Scotia*.

Book of Reference: Frank Smith: *The Techniques of Class Teaching*.

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

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

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

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

B. **Seminar.**—F. at 10 a.m.

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

Physical Education

A. **Practical.**—M. and F. at 9 a.m.

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

B. **Theory.**—Time to be arranged.

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

Embryology: see Biology

ENGINEERING CLASSES

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

Drawing

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

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

Text Book: French: *Engineering Drawing*.

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

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

Text Book: Warner: *Applied Descriptive Geometry*.

3. **Applied Descriptive Geometry.**—*P.*, 2.30 to 5.30 p.m. H. R. Theakston

Prerequisite.—Drawing 1 and 2.

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

Mechanics

2. **Analytical Mechanics.**—*M., W. and P.* at 9 a.m. W. H. Bowen.

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: Bowen: *Engineering Mechanics*.

3. **Graphical Statics.**—*Lect.*: Th, at 2.30 p.m. *Lab.*: Th, 3.30 to 5.30 p.m. W. H. Bowen, A. F. Chisholm.

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

Text Book: Parker: *Design of Steel Trusses*.

4. **Mechanics of Machines.**—*Lect.*: W, at 2.30 p.m. *Lab.*: 3.30 to 5.30 p.m. W. H. Bowen, A. F. Chisholm.

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

Text Book: Collier: *Elements of Machines*.

5. **Materials of Construction.**—*Hours to be arranged.*

A. F. Chisholm.

Text Book: Moore: *Materials of Engineering*.

Surveying

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

Prerequisite.—Matriculation Mathematics.

Text Book: Boyer: *Elementary Surveying*.

Surveying Field Work. About three weeks immediately following conclusion of spring examinations.

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

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

Text Book: Kinane: *Surveying*.

Mathematics Problems.—*Hours to be arranged.*

A. F. Chisholm and J. G. Adhead.

English Language and Literature**

Professors..... C. L. Bennett (*Head of Dept.*), Burns Martin.
Associate Professor..... C. L. Lamberton.
Assistant Professor..... A. R. Bevan.

English I.—M., W. and F. of 12 m. C. L. Lamberton and A. R. Bevan.
English IA.—M., W. and F. of 12 m. Burns Martin.

English I in two sections.

Prerequisite.—Matriculation English.

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

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

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

Text Books: *College Survey of English Literature*. Other texts to be announced.

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

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

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

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

Text Books: *Harold Craig: Shakespeare (Plays and Commentary)*. Milton: *Selections* (ed. Haskins). *The Poetical Works*.
Poets for special study: *A Midsummer Night's Dream; King Henry IV, pt. 1; King Lear; The Tempest*.

For Distinction: An essay to be assigned by the instructor.

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

Reference books for theme-connection: *Forster and Strachan: 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: *Roader; The Cleverest and the Heath*; or, *George Eliot: Romola*.

3. Middle English.—(1950-51). Hours to be arranged.

C. L. Lamberton.

Prerequisite.—English 2. Primarily for Honour and Graduate Students. English Language and Literature from 1100 to 1500, with emphasis on the poetry of Chaucer.

Text: *Chaucer* (ed. Robinson). Other texts to be announced.

4. Nineteenth Century Literature.—(1950-51). Tu and Th. at 3.30 p.m. A. R. Bevan.

Prerequisite.—English 2.

An introduction to English literature of the Romantic period.

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

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

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

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

5. Nineteenth Century Literature.—(1951-52). Tu and Th. at 11 a.m. C. L. Bennett.

Prerequisite.—English 2.

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

Text Books: *Carlyle: Sartor Resartus* (ed. MacMechan); *English Prose of the Victorian Period* (ed. Harrod) and *Tranström's Poetry of the Victorian Period* (ed. Wood); or *Victorian and Later Poets*, ed. Stephens, Beck and Snow.

Reference Books: *Stanbury: History of Nineteenth Century Literature*. *Clatterton: Victorian Literature*. *Elms: Survey of English Literature*, 1938-1940.

For Distinction, as in English 4.

*8. Old English.—(1951-52). Hours to be arranged. C. L. Lamberton.

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

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

Text: *Anderson and Williams: Old English Handbook*. Sight translation from every text.

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

Prerequisite.—English 2.

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

Text Books: *Schelling and Blank: Typical Elizabethan Plays*, 3rd ed. Harper. A complete Shakespeare; the *Library edition* is highly recommended.

9. Canadian and American Literature.—(1951-52). Tu, Th. and F. at 9 a.m. Burns Martin.

Prerequisite.—English 2.

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

Texts: *Ellis, Fougat and Steele: A Century Book of American Literature, Briefly Covered*. (The Century, W. J. Gay & Co., Toronto). A. J. M. Smith: *The Book of Canadian Poetry*. (Gust & Co.)

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

9. Drama.—(1950-51). Tu and Th. at 11 a.m. and opening hours as arranged. C. L. Bennett.

Prerequisite.—English 2.

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

Text Books: To be announced.

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

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

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

Prerequisite.—English 2 and at least one elective class in English.

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

Texts: *Unwin's Modern British and Modern American Poetry* (two-volume ed.).

*12. The History, Theory and Methods of Literary Criticism.—(1950-51). M., W. and F. at 3.30 p.m. or at hours to be arranged. C. L. Bennett.

Prerequisite.—English 2 and at least one elective class in English.

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

Text Books: *Rehder's: History of English Criticism*. *Coop's: The Theory of Poetry in England*. *Richardson: The Principles of Literary Criticism; Practical Criticism*.

Texts: *English Critical Essays*. "World's Classics," 246, 356, 485.

13. **The History of the English Language.**—(1951-52). *M. and W.* at 11 a.m. C. I. Lamberton.

Prerequisite.—English 2.

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

Text Book: *History of the English Language*.

For Reference: To be assigned.

*14. **Poetry and Prose of the English Renaissance.**—(1951-52). *M., W., F.* at 9 a.m. Burns Martin.

Prerequisite.—English 2.

Text Books: To be assigned.

15. **English Literature in the Eighteenth Century.**—(1950-51). *Tu., Th., S.* at 9 a.m. Burns Martin.

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

Text Books: Spurgeon and Wood: *English Prose and Poetry, 1660-1800* (Houghton, Mifflin); Norton and Fiske of the period.

16. **The English Novel.**—(1950-51). *M. and W.* at 10.00 a.m.

Prerequisite.—English 2 A. R. Bevan.

An historical survey of the development of the English novel, with emphasis on the novel since 1800.

*17. **Advanced Seminar.**—Members of the department are prepared to offer, to properly qualified students, the opportunity to make a special study of the works of a single author of whom a sufficient introductory knowledge has already been obtained. Admission will be strictly limited. The following may be elected: Chaucer; Spenser; Shakespeare; Milton; Dryden; Wordsworth; Arnold; Browning.

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

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

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

*20. **Restoration and Early Eighteenth Century (Seminar).** A. R. Bevan.

21. **The Historical Background of English Literature.**—(1951-52). A. R. Bevan.

*22. **Late Eighteenth and Early Nineteenth Century (Seminar).**—(1951-52). C. I. Besnet.

Prerequisite.—English 4 or 15.

*23. **Honour and Graduate Seminar.**—(1950-51). Hours to be arranged. A. R. Bevan.

Fine Arts

Lecturer..... Donald C. Mackay.

W. and F. at 4.30 p.m.

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

Text Book: Gardner: *Art Through the Ages* (Harvard, Brent).

French: see Modern Languages

Geology and Mineralogy

Professor.....G. Vibert Douglas.
 Special Lecturer.....Alan E. Cameron.
 Student Assistants.....W. L. Davison, J. W. D. Johnston.

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

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

3. **Petrology.**—*Lectures 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 and Lab.*: Hours to be arranged.

Prerequisite.—Geology 1, 2 and 3.

6. **Advanced Ore-deposits.**—*Conference and Lab.*: Hours to be arranged.

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

Special Lecturer.....J. B. Hardie.

1. *Hours to be arranged.*

An introductory class which will be counted as a second foreign language for students electing it who have complete matriculation.

Histology: see Biology

History

Professors.....G. E. Wilson (*Head of Dept.*), A. Stanley Walker.
Assistant Professor.....John P. Heider.
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.

2. **Ancient History.**—(1951-52, and in alternate years). *M., W. and F.* at 10 a.m.

Prerequisite.—History 1.

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

Prerequisite.—History 1.

4. **History of Europe since 1815.**—(1950-51, and in alternate years). *Tu. and Th.* at 2.30 p.m. G. E. Wilson.

Prerequisite.—Two classes in History.

This class will be conducted partly by the seminar method, no text book being set, but readings will be assigned on various topics. Some knowledge of the bibliography of the period will be required.

5. **History of Europe, 1715-1815.**—(1951-52, 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.**—(1951-52, and in alternate years). *M. and W.* at 2.30 p.m. A. S. Walker.

Prerequisite.—Two classes in History.

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

Prerequisite.—Two classes in History.

8. **History of Canada.**—(1950-51). *Tu., Th. and S. at 10 a.m.*

Prerequisite.—History 1. J. P. Heider.

*9. **A Period in Modern History.**—(1950-51). *Hours to be arranged.*
G. E. Wilson.

For Honour and M.A. students.

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

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

Prerequisite.—History 8 or 9.

11. **History of the United States to 1865.**—(1950-51). *M., W. and F. at 10 a.m.*

Prerequisite.—History 1. J. P. Heider.

12. **History of the United States since 1865.**—(1951-52). *M., W. and F. at 10 a.m.*

Prerequisite.—History 1. J. P. Heider.

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

14. **Renaissance and Reformation.**—(1950-51). *M., W. and F. at 2.30 p.m.*

Prerequisite.—Two classes in History. J. P. Heider.

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

Prerequisite.—History 1.

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

A lecture course, with collateral reading and exercises on the history of thought and the influence of science on civilization. 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.....J. G. Adshad.
Associate Professor.....Charles Walmaley.
Lecturers.....H. Edwards-Davies, I. A. MacLennan.

1. Elementary Mathematical Analysis.—*M*, *W*, and *F*, of 10 a.m.; *M*, *W*, and *F*, of 11 a.m.; *Tu*, *Th*, and *S*, of 11 a.m.

J. G. Adshad, H. Edwards-Davies, I. A. MacLennan.

Prerequisite.—Matriculation Algebra and Geometry.

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

Text Book: *Minigraphic Notes*.

1C. First year Mathematics for Commerce students. *Tu*, *Th*, and *S*, of 10 a.m. H. Edwards-Davies.

Prerequisite.—Matriculation Algebra and Geometry.

This course is arranged for students in Commerce and may not be offered for an Arts or Science degree.

Text Book: Richardson and Miller: *Algebra*.

2. Calculus.—(1) *M*, *W*, and *F*, of 11 a.m.; (2) *M*, *W*, and *F*, of 9 a.m.; (3) *M*, *W*, and *F*, of 10 a.m.

C. Walmaley, I. A. MacLennan.

Prerequisite.—Mathematics 1.

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

Text Book: Graville, Smith and Langley: *Differential and Integral Calculus*, Chapters I-IV.

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

C. Walmaley.

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 Book: Graville, Smith and Langley: *Differential and Integral Calculus*, Chapter XVI-XXII. Walmaley: *Mathematical Analysis*.

4. Geometry.—*M*, and *W*, of 10 a.m.

J. G. Adshad.

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 Book: Graville, Smith and Langley: *Differential and Integral Calculus*, Chapter Advanced Calculus. Burstinon and Torrance: *Higher Mathematics*.

5. *Tu*, *Th*, and *S*, of 11 a.m.

I. A. MacLennan.

Prerequisite.—Mathematics 2.

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

Text Book: Graville, Smith and Langley: *Differential and Integral Calculus*.

**Changes or additions may be announced at the beginning of the academic year.

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.—(1950-51).

C. Walmaley.

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

Books: Titchmarsh: *Theory of Functions*. Valiron: *Fonctions des Fonctions*. Goursat: *Cours d'Analyse*. L. J. Kamp: *Funktionentheorie*. MacRobert: *Functions of a Complex Variable*. Works by Cauchy, Osgood, Cauchy, Wilmshurst and Watson, Pierpont, Bierbrich.

7. Theory of Functions of a Real Variable.—(1951-52).

C. Walmaley.

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

Books: Titchmarsh: *Theory of Functions*. Valiron: *Théorie des Fonctions Complexes*. Hardy: *Integral Series*. Hardy and Littlewood: *Fourier Series*. French: *Some Trigonometric*. Works by Heine, Borel, Zygmund, Lebesgue, Saks, Hardy, Dini, Goursat.

12. Differential Equations.—(1951-52).

J. G. Adshad.

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 equations of Bessel and Legendre.

Text Book: Pinsky: *Differential Equations*. Ince: *Ordinary Differential Equations*. Pinsky: *Linear Differential Equations*. Agency: *Differential Equations*. MacLaurin: *Spherical Harmonics*. Roberts: *Spherical and Ellipsoidal Harmonics*. Gray and Matthews: *Treatise on Bessel Functions*.

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

If required, other classes may be arranged, such as Mathematics 6, 8, 9 and 10 below. Students wishing to attend any class of this nature should consult the Department of Mathematics.

6. Projective Geometry.

J. G. Adshad.

Text Book: Goursat: *Introduction to Higher Geometry*. Books by Young, Veitch and others.

8. Differential Geometry of Curves and Surfaces.

Text Book: Goursat: *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 time to be arranged.

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

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 P. Chavy.
Associate Professors C. H. Mosser, H. D. Smith.
Lecturers Suzanne J. Chavy, Johanna Richter.

French

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

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

Besides, special classes in French Phonetics, intended for French 2, may be attended by any student at his request.

(1) *Tu.* at 11 a.m. (2) *Tu.* at 12 a.m. P. Chavy.

Elementary French.—*M., W. and F.* at 11 a.m. H. D. Smith

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

Text Books: To be assessed.

1. (1) *Tu., Fa. and S.* at 9 a.m.; (2) *M., W. and F.* at 10 a.m.; (3) *Tu., Fa. and S.* at 11 a.m. H. D. Smith.

Prerequisite.—Matriculation French.

2. **General Introduction to Literary and Daily French.**—(1) *Tu., Fa. and S.* at 10 a.m.; (2) *Tu., Fa. and S.* at 9 a.m. Suzanne J. Chavy.

Prerequisite.—French 1.

Special classes in French Phonetics are compulsory for students whose pronunciation is faulty.—(1) *Tu.* at 11 a.m. (2) *Tu.* at 12 m. P. Chavy.

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 *Tu.* at 3.30 p.m. Suzanne J. Chavy.

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.

Text Book: Guichard: *La France et sa Culture.*

6. **General Survey of French Thought and Literature.**—*Tu.* and *Tu.* at 10 a.m. P. Chavy.

This course is recommended to students interested in literature as a useful introduction to more specialized classes.

Text Book: Steinbauer and Walker: *Outline of French Literature.*

7. **Twentieth Century French Literature.**—*W. and F.* at 10 a.m. A study of the most representative modern French writers from 1900 to the time being. P. Chavy.

8. **Old French.**—*Hours to be arranged.* P. Chavy.

Historical grammar and medieval French literature will be studied through a comprehensive anthology of old texts.

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

8. The Renaissance in France, History of French Literature during the 16th Century.—W. and F. at 9 a.m. P. Chavy.

German

Matriculation German.—Tu, Th, and S. at 12 m.
For students who have not had an opportunity to complete Matriculation German in school.

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

For students who have not had an opportunity to complete Matriculation German in school but who enter this course with credit for complete matriculation including two foreign languages.

German IA is a complete first course in German and students may count a pass as a credit towards a degree.

1. Tu, Th, and S. at 9 a.m.

Prerequisite.—Matriculation German.

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

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

Prerequisite.—German IA or I or equivalent.

This course is meant to develop facility in reading, writing and speaking German. Selections of German short stories as introduction to German Literature will be read.

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

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

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

4. Tu, and Th, at 2.30 p.m., and one hour to be arranged. J. Richter.

The aim of this course is to familiarize the students with the artistic qualities of German literary prose. A collection of short stories as examples of literary movements will be read and their composition and style analyzed. Short essays will be written. This course should be taken as an introduction to more specialized classes in German Literature. Students who are looking forward to advanced work in other departments of the Faculty of Arts (e.g., History, Philosophy, etc.) are advised to consult the Head of the Department as to the inclusion of such course.

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

5. German Literature and Thought in the Eighteenth Century.—(1952-53). Tu, and Th, at 10 a.m., or hours to be arranged. J. Richter.
Special emphasis will be placed on Goethe's Thought. Poetry, prose and drama will be read.

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

6. German Literature and Thought in the Nineteenth Century.—(1950-51). Tu, and Th, at 10 a.m., or hours to be arranged. J. Richter.

Of the dramatists of that period Klotz and Hobbel will be read, and of the novelists and lyricists, Stifter, Storm, Goethe, Keller, Fontane.

Summer reading is required.

7. German Literature and Thought in the Twentieth Century.—(1953-54). Tu, and Th, at 10 a.m., or hours to be arranged. J. Richter.
Gerhart Hauptmann, Thomas Mann.—Rainer Maria Rilke—Hermann Hesse will be read.

Preparatory reading during the summer necessary.

8. German Mediaeval Literature.—Hours to be arranged.

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

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

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

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

Italian

1. Hours to be arranged.

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

Books: To be announced.

Russian

Elementary Russian.—M., W. and F. at 12 m. 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: Sennoff: A New Russian Grammar, (J. M. Dent & Sons, London). Starobing and Kaiter: Basic Russian Reader (Pitman Publishing Corp., New York and London).

Scientific Russian.—M., W. and F. at 12 m.

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

Text Books: Sennoff: A New Russian Grammar (J. M. Dent & Sons, London). Zenzinsky: Elementary Scientific Russian Reader (for Science Pitman & Sons (Canada) Ltd.).

Russian. I.—Three hours a week, times to be arranged.

Prerequisite.—Elementary Russian.

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

Text Books: Sennoff: A New Russian Grammar, (J. M. Dent & Sons, London). G. Z. Patrick: An Elementary Russian Reader, An Intermediate Russian Reader, (for Isaac Pitman & Sons (Canada) Ltd.).

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

Spanish

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

Text Books: *House and House*; *Shorts Spanish Grammar* (Glenn), *Forerunner and Lobby Yarns a Month* (Heath), *Oratio and Spokenness*; *Spanish Legends* (Heath), *Spanish Work Book* (Glenn).

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

Prerequisite.—Complete matriculation standing including two foreign languages. Spanish 1A covers matriculation Spanish with sufficient additional work to give credit for a University class towards a degree.

Text Books: *Let's Learn Spanish for Conversation* (Glenn), *Spanish Legends* (Heath), *Representations* (Heath), *Spanish American Short Stories* (Macmillan), *Study Activities in Spanish* (O'Driscoll Press).

1. *Hours to be arranged.* C. H. Mercer.

Prerequisite.—Matriculation Spanish.

Text Books: *Let's Learn Spanish for Conversation* (Glenn), *Spanish American Short Stories* (Macmillan), *Spanish Work Book*.

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

Prerequisite.—Spanish 1A or Spanish 1.

Text Books: *Let's Learn Spanish for Conversation* (Glenn), *Cancas*; *La Raza* (Heath), *Caracas Alegre* (Heath), *Spanish Work Book*, *Linguaphone Conversational Course*.

3. (1950-51). *W. and F.* at 2.30 p.m. C. H. Mercer.

Prerequisite.—Spanish 2.

Text Books: *Concursos: Un Viaje por España*, *Let's Correspondencia Comercial* (Silver Burdett), *William As an Omnibus of Modern Spanish Prose*, *Linguaphone Conversational Course Spanish*, *La Prensa* (Spanish newspaper).

4. (1951-52). *W. and F.* at 2.30 p.m. C. H. Mercer.

Prerequisite.—Spanish 2.

Text Books: *Elmoro: Libro de Traves Castellano* (Heath), *Let's Correspondencia Comercial* (Silver Burdett), *Lansberg: Libro de Mar* (Graft), *William Anadito de Caserio Americano* (Heath).

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

Text Books: *R. Menéndez Pidal: Manual de gramática histórica española. Puntos de vista filológico castellano*, Madrid, 1914. *Recurso: Idiomas de nuestra lengua*, *Clasificación castellana*, Madrid, 1922.

Additional for Distinction: C. H. Goswami: *An Introduction to Vulgar Latin*, *OBS Spanish Knowledge* (J. D. M. Ford).

Music

Lecturer.....H. Hamer.

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

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

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

Philosophy

Professor and Head of the Department.....G. P. Grant.
Assistant Professor.....R. H. Vingo.
Professor (Part Time).....H. L. Stewart.

1. **Introduction to Philosophy.**—*Tu, Th. and S.* at 9 a.m.

2. **Early Greek Philosophy and the Philosophy of Plato.**—(1950-51). *Hours to be arranged.* G. P. Grant.

Prerequisite.—Philosophy 1.

3. **The Philosophy of Aristotle.**—(1951-52). R. H. Vingo.

Given for M.A. students only.

4. **Ancient Philosophy from Aristotle to St. Augustine.**—(1950-51). *M. and W.* at 4.30 p.m. J. A. Doull.

Prerequisite.—Philosophy 1.

5. **Medieval and Renaissance Philosophy.**—(1951-52). *Hours to be arranged.* G. P. Grant.

Prerequisite.—Philosophy 1.

6. **Modern Philosophy.**—(1950-51). *Hours to be arranged.*

Prerequisite.—Philosophy 1. R. H. Vingo.

7. **English Philosophy in the 17th and 18th Centuries.**—(1951-52). *M. and W.* at 4.30 p.m. R. H. Vingo.

Prerequisite.—Philosophy 1.

8. **Philosophy of History.**—(1950-51). *W. and F.* at 12 m.

Prerequisite.—Philosophy 1 and History 1. R. H. Vingo.

9. **Logic.**—(1951-52). *Hours to be arranged.* R. H. Vingo.

Prerequisite.—Philosophy 1.

10. **The Philosophy of Kant.**—(1950-51). *Hours to be arranged.* G. P. Grant.

For Honours and Advanced Students.

11. **Problems of the Self.**—(1951-52). *Tu. and Th.* at 9 a.m. F. H. Page.

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

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

Books Recommended: *Wood: The Mind and Its Place in Nature*, *Ellis: The Idea of the Soul*, *Our Minds and Their Bodies*, *McDougal: Body and Mind*, *Kant: The Analysis of Mind*.

12. **Ethics.**—(1950-51). *Hours to be arranged.* G. P. Grant.

13. **The Philosophy of Religion.**—(1950-51).—*Hours to be arranged.* H. L. Stewart.

14. **The Philosophy of St. Augustine.**—(1950-51). G. P. Grant.
Given for M.A. students only.

15. **Philosophic Ideas in Literature.**—(1950-51).—*Hours to be arranged.* R. H. Vingo.

16. **20th Century Philosophical Movements.**—(1950-51). *Hours to be arranged.* G. P. Grant.

17. **The Logic and Philosophy of Science.**—(1950-51). *Hours to be arranged.* R. H. Vingo.

18. **The Philosophy of Plato.**—(1950-51). R. H. Vingo.
Given for M.A. students only.

Philosophy of Religion: see Divinity.

Physics

Professors	..... J. H. L. Johnstone (Head of Dept.), W. J. Archibald,
Associate Professor	..... E. W. Guphill,
Assistant Professors	..... L. G. Stephens-Newsham, A. D. MacDonald,
Lecturer in Geophysics	..... J. E. Blanchard,
MacGraw Teaching Fellow	..... G. J. B. Crawford,
Demonstrator (1949-50)	..... C. K. Hoyt, K. S. Warren, R. E. Banks,
	C. L. Piggott, W. B. Bailey, T. C. Noel, A. H. Gibson, G. L. Williams,
	A. M. Croft,

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.

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

Text Books: Purja; *Basic College Physics*.

2. Mechanics, Hydrostatics, Heat, Light and Sound.—Lect.: *M., W. and F.* at 10 a.m. Lab.: *W. or F.*, 2.30 to 5.30 p.m. J. H. L. Johnstone.

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

Text Books: Sears; *University College Physics*.

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

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

Text Books: Sears and Zemansky; *College Physics*. Evans; *Electricity and Magnetism*.

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

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

Text Books: Peacock; *Introduction to Mechanics*. Robertson; *Introduction to Physical Optics*.

In order to be permitted to take any of the following classes, the student must have a high scholastic standing in Physics and Mathematics and obtain the consent of the department.

5. Optics.—Lect.: *M. and W.* at 11 a.m. J. H. L. Johnstone.

Prerequisite.—Mathematics 2, Physics 3.

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. J. E. Blanchard.

Prerequisite: Mathematics 2, Physics 3.

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

J. H. L. Johnstone.

Prerequisite.—Mathematics 2 and Physics 3.

8. Modern Physics.—Two hours lectures. L. G. Stephens-Newsham.

Prerequisite.—Two classes in Physics and Mathematics 2.

Text Books: Hong and Knoll; *Electron and Nuclear Physics*.

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

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

Prerequisite.—Physics 2, two additional classes in Physics (which may, however, be taken at the same time).

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

Prerequisite.—Physics 11A.

12A. Physics.—Two hours lecture per week. J. E. Blanchard.

Prerequisite.—Physics 6 and Mathematics 3.
Problems in potential theory, elasticity and hydrodynamics.

12B. Exploration Geophysics.—Two hours lecture, three hours lab. per week. J. E. Blanchard.

This course is intended for those registered in Engineering Physics who intend to specialize in Geophysics.

Mathematical Physics

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

14. Mechanics.—Two hours lectures per week. W. J. Archibald.

Prerequisite.—Mathematics 2 and Physics 2.

Text Books: Hogg and Griffith; *Principles of Mechanics*.

15. Introduction to Mathematical Physics.—Two hours lectures per week. A. D. MacDonald.

Prerequisite.—Mathematics 3 and Physics 6.

Seminars and Journal Club.—*Tu.* at 5.00 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.

Graduate Classes in Physics

These are listed in the calendar of the Faculty of Graduate Studies which is published separately. Honours and other senior students in Physics may register for certain of these classes, providing they have the necessary prerequisites and have the consent of the Head of the Department.

Political Science

Professor..... J. H. Aitchison.
Lecturer..... C. P. Fraser.

1. The Government of Canada.—M., W. and F. at 2.30 p.m.

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

2. The Government of the United Kingdom and the United States.—(1951-52). Hours to be arranged.

Prerequisite.—Political Science I.

3. Comparative Government.—(1950-51). Hours to be arranged.

Prerequisite.—Political Science I.

A survey of the political systems of the major countries of the world other than those studied in Political Science I and 2.

4. Introduction to Political Theory.—(1950-51). Hours to be arranged.

A survey of the leading currents in western political thought from Plato to the present day.

5. Modern Political Theory.—(1951-52). Hours to be arranged.

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

6. The State and Economic Life.—(1950-51). Hours to be arranged.

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

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

7. The Constitution and Government of Canada. — (1951-52). Hours to be arranged.

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

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

8. International Relations.—(1950-51). Hours to be arranged.

9. Canadian External Relations since 1867.—(1950-51). Hours to be arranged.

Arrangements have been made for students of Political Science to take the following courses given in the Law School, subject to the recommendation of the Department:

Constitutional Law.

Administrative Law.

International Law.

Psychology

Professors..... F. H. Page (Head of Dept.), Louise M. Thompson.
Assistant Professor..... Frances Marshall.
Special Lecturer..... Mary Laurence.

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

F. H. Page and F. Marshall.

Text Books: *Masses Psychology*, *Each: Psychology and Life*.

2. Social Psychology.—Tn. and Tn. at 10 a.m.

F. H. Page.

Prerequisite.—Psychology I.

Text Book: *Kinship Social Psychology*, *Krech and Crutchfield: Theory and Problems of Social Psychology*.

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

L. M. Thompson.

Prerequisite.—Psychology I.

4. Abnormal Psychology.—W. and F. at 11 a.m.

F. Marshall.

Prerequisite.—Psychology I.

*5. Problems of the Self.—(1951-52 and alternate years). Tn. and Tn. at 9 a.m.

F. H. Page.

Prerequisite.—Psychology I or Philosophy I.

For Honour and Graduate students. Others will be admitted only with the consent of the instructor. For details, see Philosophy 11.

*6. History and Systems of Psychology.—(1950-51 and alternate years). Tn. and Tn. at 9 a.m.

F. H. Page.

Prerequisite.—At least two classes in Psychology.

Primarily for Honour and Graduate Students but other may be admitted with the consent of the instructor.

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

*8. Theory of Personality.—M. and W. at 4.30 p.m.

M. Laurence.

Prerequisite.—Two classes in Psychology.

Primarily for Honour and Graduate Students but others may be admitted with the permission of the instructor.

Text Book: *Murphy: Personality*.

9. Principles of Mental Health.—M. and W. at 10 a.m.

L. M. Thompson.

Prerequisite.—Psychology I.

The fundamental principles of mental health and their application to industry, education, social problems and every day life.

12. Psychometrics.—Tn. and Tn. at 11 a.m.

F. Marshall.

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

The theory and construction of individual and group mental tests; statistical procedures; the examination of representative tests; supervised practice in the administration of the Terman-Binet and Wechsler-Bellevue tests of intelligence.

Text Books: *Fennell: Theory and Practice of Psychological Testing*, *Terman and Merrill: Measuring Intelligence*, *The Wechsler: The Measurement of Adult Intelligence*.

Psychology of Religion: see Divinity

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. In 1948 the government of Nova Scotia provided a grant for the support of a fifth Professor and for research in law. Various members of the Bench and Bar of the Province also give their services as voluntary lecturers in various courses at the School and others lecture on special topics.

The Law School occupies the first two floors of the north wing of the Forrest Building on Carleton Street. A new building was erected on the Studley Campus in 1921 which is designed for the use of the Law School as soon as a new building can be erected for Arts. The Library of the Law School contains over 16,000 volumes, including all the English and Canadian Reports, a number of reports of the United States, and various sets of legal periodicals. The Library also includes a special collection of works dealing with the subjects of Legal History, Jurisprudence and Political Theory, known as the Bennett Collection; and the government of Nova Scotia collection of works in Public Law. It also contains books purchased out of the income of a fund provided by the late Alexander Ross.

Affiliated Courses

Certain classes taken in this Faculty may be accepted as part of the requirements for the degree of Bachelor of Arts or Bachelor of Commerce. See pages 34 and 37.

Regulations of the Nova Scotia Barristers' Society

The Nova Scotia Barristers' Society will exempt from its Preliminary Examinations students who have completed Matriculation into Dalhousie or any other approved College or University, and (1) have passed in the subjects required by the Faculty of Law of Dalhousie University as prerequisites for the admission of students to the said Faculty, (see (a)(v) or in subjects deemed to be equivalent thereto by the Society; or (2) who hold the degree of Bachelor of Arts, Science or Commerce from Dalhousie or any other approved College or University.

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

Under 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 session of the first and second years respectively of his course in law and for a further period of three months after he has received that degree."

General University Regulations

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

The University, in recognition of its responsibility to the public, and for its own reputation, reserves the right to terminate the attendance of any student at any time should it appear that he is unlikely to reach such a standard, in the judgment of the Senate, as would warrant his admission to the practice of Law. Fees cannot be refunded to students who have been dismissed for any cause.

Degree

The only degree conferred in the Faculty of Law is that of Bachelor of Laws (LL.B.).

Academic Year

The Academic Year consists of one session of two terms covering a period of about thirty-two weeks. The first term of the session of 1950-51 will begin on Tuesday, September 12, 1950, and end on Tuesday, December 19, 1950. The second term of the session of 1950-51 will begin on Wednesday, January 3, 1951, and end on Tuesday, May 15, 1951. The last day on which students can register for the work of this session is Monday, September 18, 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. 24), a student may be admitted to classes in this Faculty as a Special student, but his attendance is not recognized as qualifying for a degree.

Undergraduates in Arts.—An undergraduate in Arts looking forward to the study of Law may take the classes of the first year of the Law course and have them count in place of three of the ten electives required for the degree of Bachelor of Arts (see p. 34). Such undergraduate should arrange his Arts course so as to have credit for at least 16 Arts classes when he registers in Law in order that he may obtain both degrees in six years. For this purpose he should consult the Registrar early in his Arts course.

Students who have Grade XII certificates and enter the Arts Faculty with credits are advised that they cannot in general expect to complete the combined courses in Arts and Law in less than six years.

Regular Undergraduates in Law.—The requirements for admission vary accordingly as the candidate does or does not hold the degree of Bachelor of Arts, Science or Commerce from a recognized College or University. In detail these requirements are as follows:

(1) Candidates for admission must have completed Matriculation in Arts, Science or Commerce and must also present 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 and approved classes of the course for the degree of Bachelor of Arts or Science or

Commerce, comprising two classes in English, one class in Classical or Modern language, one class in Mathematics, two classes chosen from History, Economics or Political Science, and four other classes satisfactory to the Registrar and to the Dean of Law. (Students with credit in the Faculty of Arts for Grade XII or equivalent standing may be exempted from any of the foregoing classes, not exceeding five in number, for which they have received credit upon admission and the aforesaid number of ten classes may be reduced accordingly.) Students who have completed Matriculation, and have passed in all of the required classes above mentioned except one may, in exceptional cases, be admitted into the Faculty of Law and allowed to take that class during their First Year; but no student will be admitted as a regular student in Second Year Law unless he has complied with all of the above requirements.

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

Ex-service Men and Women

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

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

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

Undergraduates of other approved law schools may, on producing satisfactory certificates, be admitted as *readers* status in this Law School (p. 30).

*Provisional registration pending results of matriculation or supplemental examinations will be granted.

Matriculation

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

Curriculum***First Year.—**

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

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

Second Year.—

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

Third Year.—

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

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 lectures will be given by members of the Bench and Bar. Attendance at these will be required.

No student shall be allowed to take a class belonging to a year in advance of his own year without special permission from the Faculty.

No student shall be allowed to take classes in other faculties of the University, without special permission from the Faculty of Law.

Mock Parliament

This is conducted on the model of the House of Commons of Canada with strict regard to the rules of parliamentary procedure.

*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. No class the University hold itself bound to adhere slavishly to the curriculum and conditions laid down.

Moot Court

Each student is expected to participate each year in at least one argument in the Moot Court. The final argument each year takes place before a Bench of Supreme Court Justices.

Attendance

In order to be permitted to write an examination, a student must have credit for attendance in 90 per cent. of the lectures or other meetings of the class in question.

Examinations

Final examinations in some subjects will be held immediately before the Christmas vacation. Examinations in the remaining subjects will be held after the close of lectures in the spring.

Supplemental Examinations

A student who has failed in more than two subjects of any year, or who has made an average mark of less than 55 per cent. in the regular examinations of any year, must repeat the whole of the work of that year.

A student failing to pass in one or two subjects of any year at the regular examinations must pass a supplemental examination in such subject or subjects. For admission to the Second or Third Year a student must have completed all requirements for admission to the Faculty of Law and must have passed the examinations in all subjects of the First and Second Years respectively, unless special permission is given by the Faculty upon proof of highly exceptional circumstances.

Supplemental examinations are held in the autumn on the dates specified in the University Almanac, and, with special permission, during the regular examinations in the spring.

Application for admission to a Supplemental examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the Registrar's Office, and must be accompanied by the proper fee.

Medals and Prizes

For Scholarships and Prizes open to all students of the University see pp. 69-72.

University Medal in Law.—This medal may be awarded on graduation to the student standing highest among those taking the full regular third year curriculum, provided he reaches a very high standard of excellence, and obtains First Class Distinction in at least all but three of the subjects of examination.

Carswell Prizes.—Books to the value of \$30 will be awarded to each of the students making the highest aggregates in the second and third year examinations respectively.

Sir Joseph Chisholm Prize.—A prize of \$50 will be awarded to the third year student who submits the best thesis on a legal subject. The award to be approved by the Faculty of Law.

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

Class of 1911 Prize.—A prize of \$50 will be awarded to the student making the highest aggregate in the first year.

Vincent MacDonald Prize.—Books to the value of approximately \$20 will be awarded to the student of the second year, who, in the opinion of the Faculty, has shown the most satisfactory progress during that year and has attained at least second-class standing.

F. L. Milner Prize.—A prize of \$25 will be awarded to the student making the highest mark in History of English Law provided he attains First Class distinction therein.

Stuart Clark Lane Memorial Prize.—A prize of \$25 will be awarded to the student making the highest mark in Administrative Law. This prize is donated by the Class of 1940 in memory of their classmate killed in action.

Viscount Bennett Trust Fund Scholarships.—Under the terms of a deed of gift to the Canadian Bar Association a trust fund known as the Viscount Bennett Trust Fund has been established. The annual income from the Fund or the sum of \$1000, whichever is the less, will be paid annually as a scholarship for postgraduate 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.

The Nova Scotia Barristers' Society Scholarships.—Two scholarships of \$250 each will be awarded to the students making the highest aggregate in the First and Second Years respectively.

The G. O. Forsyth Prize.—A prize of \$60 will be awarded to that student of the Law School whom the Faculty deems to be the most deserving in the sense of combining the qualities of scholarship, character and economic need.

The G. O. Forsyth Essay Prize.—A prize of \$60 will be awarded to the student in Second Year who submits the best essay on a legal topic to be selected by the full-time members of the Faculty provided the same reaches an approved standard of excellence.

Canada Permanent Mortgage Corporation Prize.—A prize of \$50 annually will be awarded to the student making the highest mark in Mortgages.

Canada Permanent Trust Company Prize.—A prize of \$50 will be awarded to the student making the highest mark in Equity II.

Loan Fund

The Nova Scotia Barristers' Society has set aside \$1000 as a Fund from which loans may be made to students registered in the Faculty of Law, upon terms contained in the Regulations of the Society.

Fees

All fees and deposits are payable in advance, and until these are paid the student will not receive credit for attendance upon any class. Students who, by December 1, have not completed satisfactory arrangements regarding fees with the Business Office, will not be permitted to sit for the Christmas examinations.

For Registration*

Payable by students taking only one class in the University (including Library Fee of \$5.00 but excluding Student Health Service)	\$29.00
Payable by students taking more than one class (including Library Fee of \$5.00)	39.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day	2.00

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

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	500.00
**per each Supplemental examination	15.00
†*For re-marking a paper	3.00

For Certificates and Diplomas

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

Certificate of Standing; first copy—no charge; additional copies—each	\$.50
For LL.B. diploma (payable before the Third Year or final examinations, and returnable in case of failure)	20.00
Additional fee when a degree is conferred in absentia at the Spring Convocation	10.00

No reduction will be made in tuition fees payable to a student repeating the regular courses of any one year of the curriculum.

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

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

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

See pages 22 and 23 for Caution Deposit and Fee for support of Student Organizations.

**If application for refund of supplemental examination fees is not made on or before October 15, the fee will be forfeited.

†*Final examination in the professional faculties will not be re-marked.

*Application for re-marking must be made in writing to the Registrar within three months of the date of the examination.

CLASSES OF INSTRUCTION

(1949-50)

First Year

Contracts

Lecturer	W. R. Lederman.
Three lectures per week, both terms.	
The class includes a study of the general principles of the law of Contract.	
Text Books: Wright: Cases on Contracts. Anson: Contracts. Cheshire and Fifoot: Contracts.	

History of English Law

Lecturer	J. McL. Hendry.
Two lectures per week, both terms.	
A study of the evolution of the institutions and processes of the Legal System.	
Text Books: Malind and Montague: <i>Sketch of English Legal History</i> . Malind; Constitutional History of England. Plucknett: <i>A Concise History of the Common Law</i> . Radcliffe: <i>The English Legal System</i> .	

Property I

Lecturer	T. G. Footey.
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: <i>Modern Real Property</i> . Anson: <i>Real Property</i> . Anson: <i>Titles</i> . Salmond: <i>Torts</i> . Rolfe: <i>Bailments</i> .	

Crimes

Lecturer	T. G. Footey.
Two lectures per week, both terms.	
The class includes a study of the substantive law of Crimes and also Criminal Procedure.	
Text Books: Tremont: <i>Canadian Criminal Code, Annotated</i> . Craik: <i>Criminal Code of Canada</i> . Snow's <i>Criminal Code</i> . Kenny's <i>Outlines of Criminal Law</i> .	

Torts

Lecturer	V. C. MacDonald.
Three lectures per week, both terms.	
The class includes a study of the general principles of the law of Torts and relevant legislation thereon.	
Text Books: Wright: <i>Cases on the Law of Torts</i> . Salmond: <i>Torts</i> . Winfield: <i>Torts</i> .	

Legal Accounting

Lecturer	W. Berman.
Two lectures per week, one term.	
This includes a study of the principles of accounting of special interest to lawyers.	
Text Books: MacFarland & Ayres: <i>Accounting Fundamentals</i> . R. G. H. Smith: <i>Accounting Principles and Practice</i> .	

Second Year

Equity I

Lecturer	W. R. Lederman.
Two lectures per week, both terms.	
The class includes a study of the principles of Law and Equity relating to contracts for the sale of land and the sale of goods.	
Text Books: Smith and Reed: <i>Cases on Equity</i> . Harbony: <i>Equity</i> .	

Property II

Lecturer..... T. G. Feeney.

Three lectures per week, both terms.

The class will include a study of the law of Wills, Landlord and Tenant, Easements, etc.

Text Books: Woodfall: *Landlord and Tenant*. Selby: *Wills*. Coombs: *Motors and Property*.

Bills and Notes

Lecturer..... H. G. Batt.

Two lectures per week, one term.

The class includes a study of the Bank Act, the Bills of Exchange Act, and of the general principles of the law governing Negotiable Instruments; and the law of Suretyship and Assignment of Debts.

Text Books: Russell: *Bills*. Falconbridge: *Banking and Bills of Exchange*. Rowles: *Printed and Stamp*.

Corporations

Lecturer..... G. B. Robertson.

Two lectures per week, both terms.

The class includes a general survey of the leading principles of business organisation and a study of the Dominion and Provincial Statutes relating to corporations.

Text Books: Palmer: *Company Law*. Madden and Fraser: *Company Law*. Wagnason: *Canadian Company Law*.

Insurance

Lecturer..... F. H. M. Jones, R. A. Ritchie.

Three lectures per week, one term.

The class includes a study of the law governing marine, fire, life, accident and automobile insurance.

Procedure I

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

Two lectures per week, both terms.

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

Text Books: O'Brien: *Principles of Procedure*. *New Scotia Judicature Act and Rules*.

Agency

Lecturer..... J. McL. Hendry.

Three lectures per week, one term.

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

Text Books: *Selected Cases*. *Essentials: Agency*. *Madden: Agency*. *Stobson: Partnership*.

Legislation

Lecturer..... H. G. Batt.

Three hours per week, first term.

This class includes a study of the place of legislation in the legal system and the rules of judicial interpretation of legislation; and of the problems of draftsmanship.

Text Book: Maxwell: *Statutes and Select Readings*.

Third Year

Constitutional Law

Lecturer..... V. C. MacDonald.

Two lectures per week, both terms.

The class includes a general study of the principles of English Constitutional Law, and a detailed study of the British North America Act and the principles peculiar to the Canadian Constitution.

Text Books: Clement: *Canadian Constitution*. *Lalor: More Treatise on Canadian Constitutional Law*. *Derry: Law of the Constitution*. *Whitson: Federal Government*. *Macfarlan: Textbook on Constitutional Law*. *Selected Readings*.

International Law

Lecturer.....

Two lectures per week, one term.

History of the development of International Law. The law governing Nations especially during Peace. Referring to rules of Neutrality and War. International Courts and Arbitration. The League of Nations and International Organisation.

Text Books: *Stowell and Mann: International Cases*. *Hubner: Cases on International Law*.

Administrative Law

Lecturer..... H. G. Batt.

Three lectures per week, one term.

This includes a study of the administrative process and the methods whereby the courts control the exercise of statutory powers of administrative agencies.

Shipping

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

One lecture per week, both terms.

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

Text Books: *McLachlin: Shipping*. *Mayne: Admiralty Law and Practice*. *Marineau: Colliers at Sea*. *Lowndes: General Average*.

Conflict of Laws

Lecturer..... W. R. Lederman.

Two lectures per week, both terms.

The class includes a study of the leading principles of Private International Law.

Text Books: *Cheshire: Private International Law*. *Dixon: Conflict of Laws*.

Labour Law

Lecturer..... J. McL. Hendry.

Three lectures per week, one term.

This class includes a study of the principles of Labour Law with particular reference to Collective Bargaining legislation and the practice of Boards thereunder.

Text Books: *Laskin: Cases and Materials on Labour Law*. *Crozier: Labour Relations in Canada*.

Taxation

Lecturer.....Chief Justice Isley.

Three hours per week, one term.

This class includes a general introduction to the principles of accounting having special reference to income taxation problems; an examination of legal problems arising out of legislation relating to the taxation of income and succession; and some reference to municipal assessment.

Mortgages

Lecturer.....T. H. Coffin.

Three lectures per week, one term.

The class includes a study of the law governing Mortgages of Real Estate.

Text Books: *Faloutschides: Law of Mortgages.*

Equity II

Lecturer.....A. G. Cooper.

Two lectures per week, one term.

The class includes a study of the law governing Trusts and Trustees.

Text Books: *Smith: Cases on Trusts. Hanbury: Equity.*

Procedure II

Lecturer.....J. E. Rutledge.

Demonstrator.....E. F. Cragg.

Two lectures per week, both terms.

This course is a continuation of Procedure I. In both of these courses an attempt is made to give some training in the preparation of documents used in litigation and in the making of motions in a Practice Court.

Evidence

Lecturer.....Mr. Justice Doull.

Two lectures per week, both terms.

The course includes a study of the law of Evidence generally and of the Dominion and Provincial legislation thereon.

Text Books: *Wignam: Evidence. Best: Evidence. Phillips: Evidence. Cockle: Cases on Evidence.*

Note—The following works are used for the purpose of reference in the classes of the curriculum generally: *Corpus Juris; Corpus Juris Secundum; The Laws of England* (Hallam edition); *The Canadian Abridgement.*

Faculty of Medicine**Preliminary Statement**

By an arrangement between Dalhousie University, the Provincial Medical Board of Nova Scotia and the Medical Council of Canada, the final Professional Examinations at the end of the fourth and fifth years are conducted by the University and these two bodies. Hence candidates may qualify at the same time for the academic degree, the licence of the Provincial Medical Board of Nova Scotia and the licence of the Medical Council of Canada.

Provincial Regulations

Students who look forward to practising in some other province are reminded that they must conform to the regulations prescribed by the Medical Board or Council of that province. Official information relative to the regulations for licence to practise in the various provinces may be obtained from the Registrars of the Provincial Medical Boards or Councils. Inasmuch as some licensing boards require that applicants for the licence to practise must have been registered as medical students for five years before taking their final professional examinations, students are advised to register with the licensing board of the province or state to which they belong on commencing their medical studies. For details of these examinations and relative fees as well as fees for Medical Registration the student is advised to consult the Registrar of the Board. The names and addresses of the Registrars of the Medical Boards for the Maritime Provinces including Newfoundland are as follows:

Nova Scotia, Dr. H. L. Seammell, Halifax.
New Brunswick, Dr. J. M. Barry, Saint John.
Prince Edward Island, Dr. H. D. Johnson, Charlottetown.
Newfoundland, Dr. Clary Macpherson, St. John's.

Privileges

The General Medical Council of the United Kingdom admits graduates in Medicine of Dalhousie University who have passed the professional examinations conducted jointly by the University and the Provincial Medical Board, and have been licensed by the Board, to registration in the Colonial List of the British Medical Register. This confers precisely the same privileges as registration on the British List, viz., the right to obtain, without further examination, the licence to practise medicine in nearly every part of the British Empire.

For information relative to registration in the Colonial List of the British Register application should be made to the Registrar of the Provincial Medical Board of Nova Scotia.

The Medical Buildings

A group of buildings situated on the Forrest Campus are used in whole or in part by the Medical Faculty. They, with the teaching hospitals, form a compact and a well integrated group. All are modern and well designed for teaching and research. The newest of the buildings is the Medical-Dental Library. The oldest is the Forrest Building which contains the Departments of Anatomy and of Histology and Embryology. The Medical Sciences Building houses the Departments of Physiology, of Biochemistry, and of Pharmacology. The Dalhousie Public Health Clinic, a gift of the Rockefeller Foundation, provides excellent facilities for the study of Preventive Medicine and an Out-Patient Department. This building houses the offices of the City Health Department nurses, the Dalhousie Students' Health Service, the secretarial offices of the Faculty and of the Medical Society of Nova Scotia and it forms the centre of many health activities. Through the courtesy of the Department of Health of the Province of Nova Scotia, the Pathological Institute is used for teaching Pathology, Bacteriology and Immunology. Through the courtesy of the several Boards of Directors, the hospitals named in the following paragraphs are made available for teaching purposes.

The Laboratories

The laboratories of Anatomy, Biochemistry, Histology and Embryology, Pathology and Bacteriology, Pharmacology, and Physiology are commodious, well lighted and well equipped. Space and special equipment is available for advanced work and for research.

Medical Museums

The Department consists of the Anatomy Museum, housed on the top floor of the Forrest Building, and of the Medical Museum on the ground floor of the Pathological Institute, and their attendant offices.

The Medical and Dental Library

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

Dennis, A. H. Buckley, Esq., Dr. John Cameron and Peter R. Jack, Esq. The library building is on the Forrest Campus convenient to the medical buildings and to the hospitals. It has a spacious reading room accommodating eighty students. The system of open stacks is used. There is a collection of over 20,000 volumes and most of the recognized medical periodicals of the world are subscribed to. It is in charge of a trained medical librarian.

During 1941 the Provincial Medical Board established a Library to be known as the Dr. John George MacDougall Library in recognition of the many years of service to the profession by Dr. MacDougall as a member and later as President of this body. Arrangements have been made to house the collection in the Dalhousie Medical Library where it will be available to medical students and the members of the profession in the Province.

The Hospitals

The hospitals used for teaching are as follows: The Victoria General Hospital (585 beds), The Halifax Infirmary (275 beds and 60 bassinets), The Children's Hospital (120 beds), The Halifax Tuberculosis Hospital (126 beds), The Grace Maternity Hospital (60 beds and 62 bassinets), and The Halifax Hospital for Communicable Diseases (50 beds and 16 cribs). Camp Hill Military Hospital (783 beds). Instruction in mental diseases is given at the Nova Scotia Hospital, Dartmouth (450 beds).

All of these hospitals are well equipped and provide ample clinical material for teaching purposes. The main teaching hospital is the Victoria General Hospital. It was built as a teaching hospital and has every facility for that purpose. The students attend out-patients at the Victoria General Hospital and the Dalhousie Public Health Clinic.

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 (105 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), and the Victoria Public Hospital at Fredericton, N. B. (185 beds).

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. 31 *et seq.*

Medical students must further observe the regulations of the hospitals relative to students and student internes, and any

violation of such regulations will be dealt with in the same way as if a University regulation were violated.

The Faculty of Medicine, in recognition of its responsibility to the public, reserves the right to retire any student from the study of medicine at any time should it appear that he is unlikely to reach such a standard as would warrant his admission to the practice of medicine. Fees will not be refunded to students who have been dismissed for any cause.

Affiliated Courses

There is an affiliated course of Arts or Science and Medicine, in which the classes of the first year in Medicine are accepted for the degree of Bachelor of Arts or Science. The details of the course are given on pp. 35-37.

Academic Year

The Academic Year for the first four years of the course begins early in September. The first three extend until about the middle of May, the fourth year ending late in April. The exact dates will be found in the University Almanac, p. viii. The fifth year is a twelve month internship extending from May 1st.

Degree

The Degree conferred by the University is Doctor of Medicine and Master of Surgery (M.D., C.M.).

Admission and Grading

All persons who have satisfied the Entrance Requirements (p. 26) in Medicine are eligible for admission but the number of those who will be admitted in any one year is limited. Primary consideration is given to British subjects, especially residents of the Maritime Provinces. Application must be made on a form to be obtained from the Registrar. Upon notice of acceptance to any class in the Medical School prospective students are required to deposit immediately with the Registrar the sum of \$25.00 towards fees.

For admission to any subsequent year an undergraduate must have passed the examinations required in all subjects of the preceding year, unless in exceptional cases special permission is given by the Faculty. Students who fail in the spring examinations may be allowed to come up for supplemental examinations in the autumn under the following conditions:

(a) Supplemental examinations will not be allowed in more than two subjects.

(b) Those who fail to pass in all the subjects of their year at the spring examinations, or at the next ensuing supplemental examination, must repeat attendance on all the courses of the year before again coming up for examination, unless a different course is prescribed by the Faculty. Such students will be on probation until Christmas, and may be required to withdraw if their record at that time is not satisfactory.

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

No person under sixteen years of age is admitted to any class.

Entrance Requirements

Complete matriculation in Arts or Science followed by a minimum of two years at an accepted College of Arts and Science. The Courses required by Dalhousie University (see p. 26) may be taken as a guide.

Curriculum*

The course for the degree of Doctor of Medicine and Master of Surgery extends over five years. Detailed information regarding the classes included in it will be found under "Classes of Instruction," p. 130 *et seq.*

The following arrangement of the curriculum into years will be followed as closely as possible, but some modifications may be found necessary.

First Year. Anatomy; Histology; Embryology; Physiology; Biochemistry; Preventive Medicine; Psychobiology.

Second Year. Structural Neurology; Physiology; Biochemistry; Pathology; Bacteriology; Pharmacology; Preventive Medicine; Physical Diagnosis; Psychobiology; Medicine and Surgery.

Third Year. Pathology; Laboratory Medicine; Prescription writing and Materia Medica; Preventive Medicine; Medicine; Clinical Physiology; Psychiatry; Surgery; Applied Anatomy; Ophthalmology and Otolaryngology; Radiology; Obstetrics and Gynaecology; Paediatrics; Therapeutics.

Fourth Year. Preventive Medicine; Medicine; Medical Jurisprudence and Toxicology; Antepartes; Psychiatry; Surgery;

*It is to be distinctly understood that the regulations regarding courses of study, examinations, fees, etc., contained in this booklet are intended for the current year only. For that the University hold itself bound to adhere absolutely to the curriculum and conditions laid down

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

Fifth Year. The final year is one of twelve months rotating internship. All of our internships have been approved by the Committee on Internes of the Canadian Medical Association. They are held at the Victoria General Hospital at Halifax, the Saint John General Hospital, in Saint John, N. B., the Halifax Infirmary, Halifax, N. S., and the hospitals affiliated with these hospitals.

Regulations for Degrees

In addition to the entrance requirements, candidates for degrees are required to pass five Professional Examinations. The requirements in each subject are covered by the work of the class or classes in that subject specified under "Classes of Instruction" (p. 130 *et seq.*). In all subjects the marks obtained at sessional tests or at Christmas examinations or in oral or practical examinations will be considered in computing the marks allowed in each subject at the regular professional examinations. The examinations in the various subjects will be held within the dates set in the University Almanac, and as posted on the Notice Boards, and are arranged as follows:

First Professional Examination

Anatomy, Histology, Embryology, Physiology and Biochemistry.

Second Professional Examination

Structural Neurology, Physiology, Biochemistry, Pathology, Bacteriology, Psychobiology, Pharmacology.

Third Professional Examination

Surgery, Medicine, Pathology, Applied Anatomy, Laboratory Medicine, Obstetrics and Gynaecology.

Fourth Professional Examination

Medicine including Therapeutics; Medical Jurisprudence and Toxicology; Psychiatry; Surgery; Obstetrics and Gynaecology; Paediatrics and Preventive Medicine. The written examinations are conducted coincidentally by the University, the Provincial Medical Board of Nova Scotia and the Medical Council of Canada.

Fifth Professional Examination

Oral and clinical examinations are held in Medicine including Therapeutics; Surgery, including Surgical Anatomy; Obstetrics and Gynaecology; and Preventive Medicine. These

examinations are conducted coincidentally by the University, the Provincial Medical Board of Nova Scotia and the Medical Council of Canada.

Students writing the examinations for the Licentiate of the Medical Council of Canada must also write an examination in Pathology and Bacteriology at the end of the fourth year and an oral in this subject at the end of the fifth year.

Pass and Distinction Lists

The names of candidates successful in the examinations are arranged in the published lists in two divisions, the Pass and Distinction divisions. To pass, a candidate must obtain a minimum mark of 50 per cent in each subject; for Distinction he must obtain a mark of 75 per cent or over. The names in the Pass division of the list are arranged in alphabetical order; those in the Distinction list are in order of merit.

Admission to Examinations

Candidates for admission to Degree examinations must conform to the following requirements:

1. They must have satisfied the Entrance requirements (p. 26).
2. They must have attended the prescribed classes regularly and punctually. Attendance of at least 80 per cent in any class is required.
3. They must have prepared such exercises, reports, etc., as may have been prescribed, and, in the case of classes involving laboratory or practical work, they must have completed such work satisfactorily.
4. For admission to the examinations of the second or any higher year they must have passed the examinations of all previous years. (Except as stated on p. 120).
5. Candidates for the Final Professional examinations must have fulfilled satisfactorily the following requirements:
 - (1) Attendance at clinics or as clinical clerks in the third and fourth years at the Victoria General Hospital, the Children's Hospital, the Halifax Tuberculosis Hospital, Camp Hill Hospital, the Dalhousie Public Health Clinic, the Grace Maternity Hospital and the City Hospital for Communicable Diseases.
 - (2) Attendance on at least 20 maternity cases and, in addition, the delivery under supervision of 10 cases. These cases do not necessarily have to be attended at the Grace Maternity

Hospital, but may be attended at any hospital at which a student is an interne or on the out-patient service.

(3) Attendance on the post-mortem examinations conducted at the Pathological Institute over a period of at least eight months, during which instruction shall have been received in the methods of making such examination and in framing reports.

(4) Submission of satisfactory reports on investigations of domiciliary and occupational conditions in relation to the illnesses of an assigned number of patients of the Outpatient Departments.

(5) Service for twelve months on rotating internships approved by the Canadian Medical Association and the Faculty of Medicine. A certificate of satisfactory internship will be required from the hospital before the student is permitted to take his final examinations.

Supplemental Examinations

The conditions under which supplemental examinations are allowed are set forth under "Admission and Grading" (p. 120).

Regular supplemental examinations are held in the autumn on the dates specified in the University Almanac, and at no other times.

Application for admission to a supplemental examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the Registrar's Office, and must be accompanied by the proper fee (p. 129).

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 26); 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. Every such candidate must take all the other examinations of the year to which he is admitted.

The Oath

Before admission to the degree, a candidate shall be required to sign the following oath or affirmation:

As one about to receive the Degree of Doctor of Medicine and Master of Surgery, I solemnly affirm in the presence of Almighty God, the Searcher of Hearts:

That I shall ever remember Dalhousie University and faithfully fulfil the obligations of gratitude for my training;

That with constant care and scrupulous integrity, so far as lies in my power, I shall render professional service to the sick and to the injured;

That I shall not undertake to perform tasks beyond my ability and competence;

That I shall constantly strive by all reasonable means to add to my knowledge and skill;

That I shall abstain from all acts that might cast discredit upon my high and noble calling;

And that in the practice of my profession I shall at all times, to the utmost degree consistent with public duty, preserve inviolate the confidence of my patients.

So help me God to keep this Pledge.

Medals and Prizes

For Scholarships and Prizes open to all students of the University see pp. 60-63.

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

The Dr. A. F. Miller Prize.—A prize of \$25, presented by Dr. A. F. Miller, of Kentville, will be awarded to the final year student who stands highest in his knowledge of Tuberculosis. Special examinations will be set for this prize.

Colonel Murray MacLaren Memorial Award.—A prize of \$100, presented by the Saint John General Hospital, Saint John, N. B., awarded each year to the interne demonstrating the highest increase in practical knowledge and the best record of service to the hospital, its patients and to his profession.

Halifax Infirmary Award.—A prize of \$100, presented by the Halifax Infirmary, Halifax, N. S., awarded each year to the interne having the best record at that hospital.

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 1950-51, 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 1950-51, 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 Ödging Prize.—This prize, the interest of an endowment of \$1,000 given by Dr. A. M. Hebb, of Dartmouth, as a memorial to his deceased wife, will be awarded annually to the student making the highest aggregate in the examinations of the fourth year, character and previous scholarship being taken into consideration.

The Dr. John F. Black Prize.—This prize, of the value of \$50, from the income of a bequest by the late Dr. John F. Black, a former Professor of Surgery, to be used by the Department of Surgery in the promotion of surgical teaching, will be awarded at the completion of the fourth year to the student who reaches the highest standing in Surgery.

The Andrew James Cowie, M.D., Memorial Medal.—This medal, founded by the late Miss Florence J. Cowie in memory of her father, will be awarded each year to the member of the fourth year class having the highest standing in Obstetrics, provided his standing in other subjects is sufficiently high to justify an award.

The Charles E. Frost Bursary.—A bursary of \$250, contributed by the Charles E. Frost and Company, of Montreal, to be awarded annually at the completion of the fourth year to a student entering the fifth year who has shown general proficiency throughout the course, character and need to be considered.

The Ross Stewart Smith Prize.—This prize, of the value of \$75, contributed by Mrs. Eliza Cochran Smith in furtherance of the wishes of herself and her late husband, Dr. James Ross Smith, as a memorial to their late son, Ross Stewart Smith, will be awarded at the completion of the third year to the student

who has carried on the most creditable advanced work in one or more of the preclinical subjects.

Prize in Pathology.—This prize of \$100 is given by the Hebrew community of western Nova Scotia and sections of New Brunswick.

The I.O.D.E. John Stewart Chapter Prize.—A prize of \$100, awarded to the student who at the completion of his second year shows proper academic standing and need for financial assistance.

The Professor John Cameron Prize in Anatomy.—This prize, the interest of an endowment of \$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.

Anonymous Prize.—A cash prize of \$25, from an anonymous donor, will be awarded to the student of the first year Anatomy class who has gained high distinction in that class, the attainments of the student in Practical Anatomy to be chiefly considered; the Department of Anatomy having the right to set special tests before it recommends any student for the award.

The Professor R. J. Bean Prize.—Awarded to the student who makes the highest aggregate in the first professional examinations in Histology and Embryology.

The A. B. Wiswell Scholarship in Medicine.—This Scholarship, the interest of an endowment of \$3,000, given by Mr. A. B. Wiswell, of Halifax, is to be awarded to a student completing the first year of the regular medical class. Character and financial need are to be considered, but the standing of the candidate in his class is the primary consideration.

The Dr. Clarence Francis ("Dennis") Moriarty Bursary.—A bursary in Medicine will be awarded annually from 1949 to 1959 in memory of Dr. Moriarty, a graduate in the Class of 1925 of the Faculty of Medicine.

Entrance Scholarships

Five scholarships of the value of \$500 each will be awarded to students beginning the study of Medicine in September, 1950 as follows:

- One to a resident of Cape Breton Island.
- Two to residents of the Mainland of Nova Scotia.
- One to a resident of New Brunswick.
- One to a resident of either Prince Edward Island or Newfoundland.

Application should be made to the Dean of Medicine together with transcripts of matriculation and pre-medical records. Three letters of recommendation dealing with the candidate's truthfulness, unselfishness, idealism, and other qualities likely to produce a good physician should accompany the application.

The Kellogg Foundation Loan Fund

A scholarship and loan fund, established through the generosity of the W. K. Kellogg Foundation in 1942, which gave a total of \$16,500 to the Medical School to help medical students. Most of this gift was used for scholarships, but approximately \$4,000 was set aside as a loan fund. Loans will bear interest at the rate of 2½% and will mature one year after graduation of the student's class.

Any student in need may apply for help from this fund. Applications should be made in writing to the Dean of Medicine.

Fees

All fees and deposits are payable in advance, and until these are paid, the student will not receive credit for attendance upon any class. Students who, by December 1, have not completed satisfactory arrangements regarding fees with the Business Office, will not be permitted to sit for the Christmas examinations.

Fee Registration*

Payable by students taking only one class in the University (including Library Fee of \$5.10 but excluding Student Health Service)	\$20.00
Payable by students taking more than one class (including Library Fee of \$5.00)	39.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day	2.00

For Tuition

For each class (other than Practical Anatomy) attended, when taken singly	\$ 40.00
Practical Anatomy	65.00
Payable by those taking the regular prescribed curriculum each year	325.00

This includes tuition, hospital, clinics, laboratory work and the regular seasonal examinations; but does not include registration, caution and laboratory deposits and the fee for the support of student organizations.

No reduction will be made in the tuition fee payable by a student repeating the regular courses of any one year of the curriculum.

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason. If such withdrawal takes place previous to December 1 one-half of the annual tuition fee will be refunded and if between December 1 and February 1, the student will be allowed to repeat his year at one-half the usual tuition fee.

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

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

Microscopes

Previous to the war each student on registering for the first time in the Faculty of Medicine was required to provide himself with a microscope of a design and quality approved by the Faculty. Such instruments were for the most part purchased through the University. On account of the difficulty of obtaining a continuing supply of suitable microscopes, the University in keeping with its policy of assisting students as far as possible, has been obliged to change its practice. Until such time as microscopes are again available at a price within the means of the average student, the University will rent to each student requiring an instrument a suitable microscope at \$30.00 per session. The rental charge will be treated in the same manner as tuition and other fees and will be payable at the same time. Students who have rented a microscope from the University and who at a later date wish to buy an instrument elsewhere, must complete arrangements with Professor Bean for the return of the rented instrument not later than two (2) weeks from the assignment of the microscope. No refund of rental money 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, vital and rectal thermometers, haemocytometer, and hammer for eliciting reflexes. Three three-quarter length coats to be worn in the Hospital Wards are also required.

For Examinations

A ¹ application for an examination must be accompanied by the proper fee.	
*Supplemental examinations, each subject	\$ 15.00
**For re-marking a paper	3.00

For Certificates and Diplomas

A¹ application for a Certificate or Diploma must be accompanied by the proper fee.

Certificate of Standing: first copy—no charge; additional copies—each	\$ 5.00
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 21 to 23 for

Loan Funds.

Caution Deposit.

Laboratory Deposits.

Fee for Support of Student Organizations.

¹All application for refund of supplemental examination fees is not made on or before October 15, the fee must be refunded.

**Caution Deposits in the professional faculties will not be re-marked.
¹Application for re-marking must be made in writing to the Registrar within three months of the date of the examination.

CLASSES OF INSTRUCTION

I. Anatomy

Professor	Donald Mainland.
Assistant Professor	I. M. Murray.
Instructor	Roberta Bond Nichols.
Demonstrators	J. V. Graham (Applied Anatomy), B. K. Condy.

The course (ten hours per week) is conducted in the first year, and comprises the study of the naked-eye anatomy of the living human body, aided by dissection, radiography, and fluoroscopy. Special emphasis is laid on function, correlation with microscopic anatomy, accurate observations and description, and the correct evaluation of data. All information is selected with a view to its clinical value, and details of topographical relationships are given only when they are likely to be needed by the general practitioner. Lectures-demonstrations are held when required to elucidate current difficulties, but small-group teaching is preferred to a formal course of lectures. Students, with an instructor for each group of ten, practice on a living subject (two half-hour periods per student per week).

Besides daily inspection of X-ray films illustrating the parts that are being studied in the laboratory, groups under the guidance of instructors examine specially selected radiographs in numerous books on radiology. The Department's X-ray equipment provides films for student use as well as for research, and a fluoroscope is employed for demonstration, on the students themselves, of joint movements, thoracic organs and abdominal viscera (by opaque meal).

Dental students take part in the work on general anatomy, including fluoroscopy, to provide a basis for physiology and pathology; and they receive instruction on the head and neck specially designed for their future needs.

The Anatomy Department shares with the Department of Preventive Medicine in the instruction on the application of quantitative methods.

Encouragement is given to senior students and graduates to return for review and research, and facilities are made available to candidates for post-graduate examinations.

Books Required: Mainland: *Anatomy as a Basis for Medical and Dental Practice. Course An Atlas of Anatomy. (An Anatomy in an extension of pre-medical and pre-dental Biology, students are advised to read and see their Biology texts and atlas.)*

Reference Books: Medical Dictionary—Dorland or Stedman. Atlas—Quain's. Text Books.—Cunningham: *Medical Gray; Johnson: Comparison of Systems of Practical Anatomy General Anatomy—Lectures Check: *Formes of the Body, Child Growth and Development; White: *Primer of Anatomy; Paris: *Leçon. Embryological Anatomy; Addison, Huxley and Snow; and books obtained in class (see above). Muscle Function—Merritt; Medical Research Council: *On Muscles No. 7; Gray: *the Organization of Peripheral Nervous System. Surgical Anatomy—Bandy and Johnston; McCaughey; Irvine.******

Anatomical Museum. This provides the undergraduate and graduate with clinically helpful dissections. See Department of Medical Museums.

Applied Anatomy.—See under Surgery.

Anatomy I.A.—This course qualifies for an Arts or Science degree, but not for medical degree. See under Faculty of Arts and Science—Biology.

Histology and Embryology

Professor	Raymond J. Bean.
Instructor	Elizabeth S. Bean.
Demonstrator	Ruth Schachter.

Histology.—This course consists essentially of laboratory work and is intended to meet the requirements of medical students of the first year. It deals with the minute structure of the tissues and organs of the human body, their development and primary functions. Extensive use is made of movie films, Kodachrome and Mediorane slides as well as special preparation work which are set up as Demonstrations.

Text Books: Schaller: *Essentials of Histology*. Fernald: *Manual Histology (Addison)*. Martens and Bacon: *Histology*. Bailey: *Text of Histology*.

Embryology.—This course is intended primarily for medical students of the first year. It consists essentially of laboratory work supplemented by one didactic lecture per week. The problems of fertilization, segmentation, the development of the embryo and its protective membranes, are worked out in the laboratory by dissections and intensive study of slides. The materials used include the chick, rabbit, pig and human.

Both mediorane and black and white projection slides are used to illustrate the work, and these are supplemented by a careful selection of motion picture films.

A close relationship is maintained between Embryology and Histology, and the laboratory work in Embryology will occasionally be extended so as to include a portion of the time allotted to the course in Histology.

Text Book: Arcey: *Developmental Anatomy*

Structural Neurology

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

This course is primarily for medical students of the second year. It consists of a series of lectures and demonstrations by the Professors of Anatomy and Histology on the gross anatomy and microscopic structure of the nervous system. Clinics are conducted at the Dalhousie Public Health Clinic. Lectures are supplemented by the use of neurological movie films.

Text Books: *Essentials of Anatomy of the Nervous System. Fawcett: The Principles of Neuroanatomy. Lewis: Anatomy of the Brain and Spinal Cord. King: Functional Neuro-anatomy (P. H. Kistner). K. Gardner: Fundamentals of Neurology.*

II. Physiology

Professor	C. Doecher Weld.
Research Assistant Professor (Biophysical)	I. G. Stephens-Newsam.
Assistant Professor	Merrille Schachter.
Demonstrator (Part Time)	Murray Davis.

Physiology for Medical Students.—The course is a study in lecture and laboratory of the mechanisms of the human body. It involves a review of physico-chemical laws affecting the tissues and their function under both normal and abnormal conditions. Included among the topics studied are:—the nervous system, the senses, muscular activity, the blood, circulation, respiration, digestion and nutrition, excretion, and the endocrines. The course consists of two lectures a week throughout the first year and the first term of the second year, and six hours of laboratory work per week during the second term of the first year and the first term of the second year.

The department co-operates with the clinical departments in arranging clinical-physiological conferences and symposia in the more advanced years of the medical curriculum.

Physiology for Dental Students.—This course consists of most of the lectures given in Medical Physiology but the laboratory work is modified and extends to one period a week from Christmas of the first year to Christmas of the second year.

Human Physiology for Arts and Science students.—(Zoology 3).—A special course of lectures and laboratory work arranged for science students. (See under Zoology).

Text Books: *Carlson and Johnson: The Machinery of the Body, Rest and Tissue: The Physiological Basis of Medical Practice.* *Lowell Evans: Summary Principles of Human Physiology.*
Reference Books: *Harris: Experimental Physiology.* *Liddell and Sherrington: Muscular Physiology.* *Mitchell: General Physiology.* *White and Smith: The Anatomy, Histology, System, Failure, The Physiology of the Nervous System.* *Morgan: Physiological Psychology.* *Dunbar: Exercise and Body Chemistry.* *Woll and Woll: Human Gastro-Function.*

III. Biochemistry

Professor..... J. A. McCarter.
Associate Professor (Research)..... R. W. Berg.
Associate Professor..... G. M. Hynes, F. K. MacMillan, B. D. Hoffman.
Demonstrators.....

1. A course of lectures, conferences and laboratory work given to students of the first year, inclusive of the chemistry of the carbohydrates, fats, proteins and related substances, and their physico-chemical relationships in living matter.

1A. This is a more extended course with special laboratory work designed for students in the Faculty of Arts and Sciences.

2. A course of lectures and laboratory work given to students of the second year in the biochemistry of nutrition, digestion, metabolism and excretion in physiological and pathological aspects.

2A. This is a more extensive course given to students in the Faculty of Arts and Sciences.

3. A course of lectures and laboratory work given to students in the Faculty of Dentistry, presenting briefly the whole field of Biochemistry.

4. A course of lectures and laboratory work on foods in relation to nutrition and processing.

Prerequisite.—Biochemistry I or 1A.

5. An advanced course given to graduate students only, on modern aspects of biochemical research.

Seminar.—Graduate students must attend the regular 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

Text Books: (1) *Hewitt, Orr and Summers: Practical Physiological Chemistry*, 12th, ed. *Century: Analysis of Biochemistry*, 3rd, ed.
(1A) *Mattson and Sanderson: Biochemical Laboratory Methods*.
(2) *Kilmer: Modern Biochemistry*, 2nd, ed.
(3) *Hansen: Textbook of Biochemistry*, 4th, ed.
(4) *Winton: Analysis of Foods*.

IV. Medical Museums

Director..... R. L. de C. H. Saunders.
Assistant..... S. C. Saunders.

At Dalhousie University there has been established a Department of Medical Museums to administer the main Medical Museum situated on the ground floor of the Pathological Institute, and also the Anatomy Museum on the top floor of the Forrest Building.

The objectives of the Medical Museum may be defined as follows:

- The creation of a teaching collection, suited to both undergraduate and graduate needs, and utilizing not only pathological specimens but also animal records and material.
- The presentation of the commoner human diseases in all their aspects in order to emphasize the need for correlation of medical science and clinical practice, in the fields of pathological-anatomy, medicine, surgery and obstetrics.
- The establishment of loan collections, in the form of "handling" specimens, lantern slides and reproductions, for student and staff instruction in all the clinical departments.
- The commencement of a depository or research collection, and the provision of facilities for those interested in clinical research.

In the Anatomy Museum dissections of the human body are grouped regionally under appropriate headings, and each dissection is accompanied by a diagrammatic representation or a note on the salient features. Complete reorganization on a physiological basis is envisaged in the near future.

V. Pathology, Bacteriology and Parasitology

Professor..... N. G. B. McLetchie.
Associate Professor..... J. W. Abbas, J. H. Pedden, R. A. H. MacKinnon.
Assistant Professor..... G. M. Harlow.
Demonstrator in Pathology..... W. I. Sharp.
Demonstrators in Bacteriology..... Alice Kite, D. Simpson.

Pathology

1. The course commences in the first term of the second year, and during this term two lectures per week are given on the general principles of Pathology.

In the second term of the second year and the first term of the third year a course of four lectures per week deal with the Pathology of the various anatomical systems.

Throughout the course the lectures are supplemented by practical work, there being one laboratory period per week in the first term and two per week thereafter.

A special short course on pathological conditions of the mouth is given to students of Dentistry only.

2. Demonstrations are given frequently of fresh and preserved specimens illustrating morbid conditions of the various organs, and students are expected to attend autopsies whenever possible.

3. Conferences of clinicians and pathologists are held on Wednesday afternoons from 4.30 to 5.30 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: *Bord, Moll and Mower: Pathology, Moll and Ritchie or Patterson: Bacteriology, Medicine and Microbiology; Practical Bacteriology, Belling, Parasitology, Todd and Sanford, or Holt; Clinical Diagnosis.*

VI. Laboratory Medicine

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

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

Text Books: *Todd and Sanford, or Holt: Clinical Diagnosis.*

VII. Pharmacology and Materia Medica

Professor..... J. G. Aldous.
Associate Professor.....
Temporary Assistant Professor..... A. K. Reynolds.
Demonstrators in Materia Medica..... J. E. Cooke, Jessie I. MacKnight.

The primary aim of the course is to elucidate the fundamental actions of drugs, and thus to lay a sound foundation for rational drug therapy. Considerable time is spent, nevertheless, in discussing their use in medicine, in the hope of facilitating the application of the student's pharmacological knowledge in the clinic. The actions of the most useful types of drugs are studied in the laboratory, and the students themselves act as subjects when the drug action can be well, and safely, demonstrated in human.

The lecture course will begin with a consideration of the general principles governing the pharmacological actions of drugs. This is followed by a detailed consideration of individual drugs, their pharmacological actions, toxic manifestations and use in therapeutics.

The course is given during the second term of second year medicine and consists of four lectures and two three-hour laboratory periods per week.

Lectures and laboratory periods covering the basic principles of Materia Medica and Prescription Writing are given as an introduction to therapeutics in the first term of third year medicine.

A short course in Toxicology is also given to students in fourth year medicine.

A specially designed course comprising two lectures and one three-hour laboratory period per week is given to second year dental students during the first term.

Arts and Science students are offered a course dealing with the actions of chemical agents on living organisms. This consists of two lectures and one three-hour laboratory period per week.

- Text Books: 1. *Pharmacology, Principles of Medical Practice*, by Krantz and Carr. (McGraw-Hill and Winton, 1939).
2. *Fundamentals of Pharmacology*, by Thomson (Hoeber, 1948).
3. *Synopsis of Materia Medica, Toxicology, and Pharmacology*, by Davison (Holt, 1948).
4. *Casley's Pharmacology and Therapeutics*, by Grollman and Slaughter (Lee and Febiger, 1947).

VIII. Preventive Medicine

Professor of Preventive Medicine..... H. G. Grant.
Professor of Epidemiology..... C. B. Stewart.
Assistant Professors..... P. S. Campbell, A. B. Marston, D. J. MacKenzie,
I. J. W. Bookwith,
Statistical Assistant..... Jean A. Peabody.
Assistant..... Jane M. Hubby.

Lectures are given in the first year on the history of medicine, scope and trends of modern medicine, inter-relations of medical sciences and specialities, socio-economic factors related to problems of disease, medical care, and the application of quantitative methods to medicine. In the second year lectures are given on the general principles of epidemiology and disease control, environmental sanitation, vital statistics, public health administration, school hygiene and other aspects of public health. Field work consists of supervised visits to public water supplies, milk pasteurization plants, restaurants and other food handling establishments, public schools and the Provincial Department of Health laboratories. In the third year lectures, clinics and seminar discussions are held on clinical preventive medicine as related to control of acute communicable diseases, venereal diseases, tuberculosis and other chronic diseases, maternal and child care, mental hygiene, industrial hygiene, nutrition and dental hygiene. Seminars are also held on medical economics and systems of medical practice. Field work during the summer includes a survey of the student's home district with regard to sanitation, public health and welfare organizations, medical and hospital care.

In the fourth year clinics in preventive medicine are held in cooperation with the Departments of Medicine, Paediatrics and Obstetrics. Visits are made to the homes of out-patients of these clinics to study the effects of socio-economic factors on the etiology and treatment of disease. Other clinics are held on immunizations and other preventive procedures.

Text Books: *Sandler: Preventive Medicine and Public Health, Rossman: Preventive Medicine and Hygiene, American Public Health Association: The Control of Communicable Diseases.*

IX. Physical Diagnosis and Methods of Clinical Investigation

This course is given to students of the second year. The class is divided into groups, which are assigned to individual instructors and by a system of rotating, receive instruction in the examination of the various systems in the adult and child.

Text Books: *Hutchinson and Huxley: Clinical Medicine, Emmons: Physical Diagnosis, Cabot and Adams: Differential Diagnosis, Major: Physical Diagnosis, Chamberlain: Signs and Symptoms of Clinical Medicine.*

X. Medicine

Professor	C. W. Holland (<i>Head of Dept.</i>),
Research Professor	M. M. Hoffman,
Associate Professors	J. W. Reid, C. S. Marshall (Neurology), J. W. MacIntosh, T. M. Siemowicz,
Assistant Professors	D. J. Tunning, R. M. MacDonald, D. J. Tunning, R. M. MacDonald, L. C. Steeves, C. J. W. Beckwith,
Lecturers	H. L. Seamanell, A. R. Morton, H. L. Atkins, A. R. Carey-Jones,
Lecturer in Experimental Medicine	F. J. Moya.

1. A course of lectures and recitations three hours each week, dealing with disease of the digestive, circulatory, respiratory and nervous systems is given in the third year.

2. A course of lectures and recitations one hour each week, dealing with infectious and constitutional diseases, the blood, ductless glands, diabetes, and diseases affecting the kidneys and liver, is given in the fourth year.

Text Books: *Medicine: Practice of Medicine*. Osler and Murray: *Principles and Practice of Medicine*. F. J. Crompton: *A Text-Book of Medicine*. Stevens: *Practice of Medicine*. Coll: *Text-Book of Medicine*. Tyler: *Practice of Medicine*. Beaumont: *Practice of Medicine*.

Reference Books: *Text-Book of Medicine*. Robert P. McCord: *Internal Medicine in General Practice*. Clark and Piggott: *Vertical and Mental Diseases*. *General Monographs*. St. Thomas Lewis: *Diagnosis of the Heart*. Beckwith: *Principles in General Practice*. (Harrison.) *Art of Treatment*. *Principles of Dietetic Medicine*. Levine: *Clinical Dietetic Disease*. Wagner: *Heart Disease*. Scott: *Genito-urinary*. Wilson: *Arteriosclerosis*. Vetter: *The Fundamentals of Internal Medicine*.

XI. Clinical Medicine

Professor	C. W. Holland (<i>Head of Dept.</i>),
Research Professor	M. M. Hoffman,
Associate Professors	C. S. Marshall, J. W. Reid, J. W. MacIntosh, T. M. Siemowicz,
Assistant Professors	D. J. Tunning, R. M. MacDonald, L. C. Steeves, C. J. W. Beckwith,
Clinical Instructors	H. C. Reid, G. A. Black, R. L. Atkins,
Lecturer in Experimental Medicine	F. J. Moya,
Demonstrators	W. J. Dyer, Margaret Gome.

An introductory course in Clinical Medicine with applied anatomy, physiology and biochemistry is given to second year students.

In the third year the students are divided into small groups and receive clinical instruction at the Victoria General Hospital, the Halifax Tuberculosis Hospital, the Dalhousie Public Health Clinic, the Children's Hospital and Camp Hill Hospital.

In the fourth year the students serve as clinical clerks at the Victoria General Hospital, the Halifax Tuberculosis Hospital, the Dalhousie Public Health Clinic, the Children's Hospital, Camp Hill Hospital and the Grace Maternity Hospital. Clinical conferences and lectures are conducted at the Victoria General Hospital. Out-patient Clinics are attended in small groups at the Victoria General Hospital and the Dalhousie Public Health Clinic. Students attend in small groups at the Halifax Hospital for Communicable Diseases.

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

XII. Therapeutics

Clinical Therapeutics is taken up in the regular course in Medicine. Once a week the third and fourth year students attend a conference devoted to the subject of Therapeutics, illustrated by appropriate cases. Instruction in prescription writing is also given. This work is supplemented by a series of demonstrations in Physiotherapy, occupational therapy and clinical dietetics.

XIII. Medical Jurisprudence and Toxicology

Lecturer A. E. Murray.

A short course of lectures, in the fourth year, is devoted to the consideration of the more common medico-legal problems, and the class attends (in groups) at autopsies on medico-legal cases. Instruction in Toxicology is given by the Professor of Pharmacology during the fourth year.

Text Books: *Cleghorn: Text-Book of Medical Jurisprudence and Toxicology*. Thomas: *Clinical Toxicology*.

XIV. Psychiatry

Professor	R. O. Jones,
Assistant Professors	R. W. M. MacKay, F. A. Dunworth, H. K. Hall, Jessie M. Laverne,
Lecturer	W. Lunke.

The course consists of a series of lectures in Psychobiology in the First Year, during which each student is required to write a study of his own personality, designed to give a grasp of normal personality function, important factors in personality development and the importance of psychobiological concepts in all medical work.

A course of didactic lectures covering fundamental considerations in psychopathology, with a description of the various reaction types and instruction in methods of psychiatric examination is given in the Second Year. Throughout, emphasis is laid on the psychiatric aspect of general medicine, psychosomatic illnesses, and commonly occurring problems of child behavior.

In the Third Year, lecture courses in clinical psychiatry are given, covering the various reaction types with special reference to those most commonly met in general medicine. Problems of the nervous, psychosomatic medicine and the application of psychiatric principles in general medical practice are especially considered.

In the Fourth Year, students are assigned as clinical clerks to the psychiatric services of the Victoria General Hospital, Camp Hill Hospital and the Dalhousie Public Health Clinic. During this period they attend regular staff conferences, are required to take part in a Journal Club and in a psychiatric seminar, and have the opportunity to examine individual cases under constant supervision.

Demonstrations are arranged during the year, including visits to the Nova Scotia Hospital and the City Home, Halifax.

Post-graduate instruction leading to certification in Psychiatry is carried out in conjunction with residents at the Victoria General Hospital, the Nova Scotia Hospital and Camp Hill Hospital.

Text Books: *Marek: Psychobiology and Psychiatry*. *Stricker and Ebaugh: Practical Clinical Psychiatry*. *Stricker: Economics of Psychiatry*. *Negri: Modern Clinical Psychiatry*.

XV. Surgery

Professor.....	W. Alan Curry (<i>Head of Dept.</i>).
Associate Professors.....	C. E. Kinley, V. O. Mader, N. H. Goss, J. V. Graham, G. F. Scitner.
Assistant Professors.....	E. F. Ross, A. L. Murphy, H. D. O'Brien, J. A. Noble, J. W. Merritt, T. R. Acker, J. C. Acker, W. D. Stevenson (<i>Neuro-Surgery</i>).

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

A course of lectures, one hour a week, on Regional Surgery, is given during the fourth year.

Surgico-pathological conferences are held weekly during the fourth year at which the student has the privilege of hearing surgical cases discussed from the standpoint of diagnosis, operative procedure, and pathological findings.

The Victoria General Hospital and Medical College offer a two-year post-graduate course in general surgery and the basic medical sciences. This course is planned to enable graduates to qualify for specialists' examinations in general surgery and the F.R.C.S. (Canada).

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

Text Books: Rose and Carlen, Thomson and Miles, Bonnas and Christopher.

XVI. Clinical Surgery

Professor.....	W. Alan Curry (<i>Head of Dept.</i>).
Associate Professors.....	C. E. Kinley, V. O. Mader, N. H. Goss, J. V. Graham, Assistant Professors..... H. F. Miller (<i>Orthopaedics</i>), E. F. Ross, A. L. Murphy, H. D. O'Brien, J. A. Noble, J. W. Merritt, T. R. Acker, J. C. Acker, W. D. Stevenson (<i>Neuro-Surgery</i>), B. F. Miller (<i>Orthopaedics</i>), W. K. House.
Clinical Instructors.....	A. M. Marshall, O. C. Stoddard.
Lecturers.....	W. E. Pollett, B. K. Cassidy.
Demonstrators.....	E. P. Nonanaker, J. H. Charman, G. W. Bethune.

A short course of clinical demonstrations is given in the second year.

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

In the fourth year the students serve as clinical clerks at the Victoria General Hospital, the Children's Hospital and at the Dalhousie Public Health Clinic. Through the courtesy of D.V.A. our students attend Camp Hill Hospital, in small groups, for instruction in Clinical Surgery. They also attend clinical lectures and conferences. Orthopaedic Clinics are held at the Children's Hospital and at the Victoria General Hospital.

A refresher course in general surgery and the basic sciences is given to prepare candidates for certification and the F.R.C.S. examination.

XVII. Urology and Dermatology

Professor.....	Frank G. Mack.
Assistant Professor.....	C. L. Goss.
Demonstrators in <i>Classical Urology</i>	H. G. Quigley, J. F. L. Woodbury, C. H. Boarden, Ian H. MacGregor, F. G. Mack.
Demonstrator in <i>Dermatology</i>	D. R. S. Howell.

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, Dermatology and Syphilology. For those the class attends at the Victoria General Hospital. The class is divided into groups for clinical instruction in those subjects at the out-patient department of the Victoria General Hospital.

Text Books: Lewinoy and Kivita: *Clinical Urology*, 2nd. Ed. G. H. Peckard: *An Introduction to Dermatology*.

XVIII. Eye, Ear, Nose and Throat Diseases

Professor.....	H. W. Schwartz (<i>Head of Dept.</i>).
Associate Professor.....	R. H. Stoddard.
Assistant Professors.....	H. W. Kirkpatrick, A. E. Doull, Jr., D. M. MacRae.
Demonstrator.....	L. G. Holland.

The third year students are divided into groups of four to six and each group is taken twice a week for six weeks and instructed in the technique of examination of the ear, nose and throat and once a week for six weeks for the eye. Emphasis is on the normal and its variations rather than on the pathological and the making of a diagnosis. At the conclusion of such courses the student is at ease with the hand mirror and ophthalmoscope and is familiar with the appearance of ear drum, larynx and fundus oculi.

The Out-Patient Department, consisting of two ear, nose and throat clinics and one eye clinic a week, gives assigned students and attached internes an introduction to some of the conditions and problems they may expect to meet in their future practice.

Throughout the season lectures are given to the fourth year students once a week—fourteen on the ear, nose and throat, and eleven on the eye. These presentations are illustrated by wet and dry specimens—both anatomical and pathological and lantern slides—and the whole enriched by case reports and clinical experience. It is ever kept in mind that the student is being prepared for general practice.

Text Books: Adler: *Gifford's Text Book of Ophthalmology*. *Ballenger's Otolaryngology and Laryngology*. *Foster, Mack's Diseases of the Eye*. *Lesson Texts: Diseases of the Nose, Throat and Ear*. *Stevens: Clinical Anatomy of the Ear, Nose and Throat*.

XIX. Radiology

Lecturer.....	S. R. Johnston (in charge of Department).
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A short course of lectures on X-ray diagnosis and the therapeutics of X-ray and Radium is given in the fourth year.

The students of the fourth year in groups of two receive personal instruction in fluoroscopic demonstration, examination of films and the principles of radio-therapeutics.

XX. Obstetrics and Gynaecology

Professor.....H. B. Atlee (*Head of Dept.*),
Associate Professor.....W. G. Colwell, G. M. White,
Lecturer.....K. M. Grant,
Demonstrator in Obstetrics and Gynaecology.....Dr. Joan Macdonald.

Third Year: Every Monday until Christmas there is a class clinic alternately on an obstetrical and gynaecological case or cases. Every Friday throughout the year there is a class clinic alternately on an obstetrical and gynaecological case or cases. At the end of each month until Christmas a written test is held on the prescribed reading in both subjects, and the average of these is a final mark for that year. No student can pass who fails in two tests.

Wherever possible third year students are called to see deliveries at the Grace Hospital.

Fourth Year: Every Friday a class clinic is given throughout the year, alternately on an obstetrical and gynaecological case or cases. The rest of the teaching is done in small groups, who spend their day under supervision and instruction at the Provincial and Postnatal Clinics at Dalhousie Public Health Centre, at the Grace Hospital (ward rounds and deliveries), in the gynaecological ward and outpatient department of the Victoria General Hospital, and at Mannikin demonstrations.

Minigraphed notes on obstetrics are available at the students' book room, and the following texts are advised:

For the student who wants a quickly readable, concise text covering all the required reading: *Obstetrics*—Ten Teachers *Midwifery, Gynaecology*; —Ten Teachers *Diseases of Women, Currie's Textbook of Gynaecology*, Crossen and Crossen; *Synopsis of Gynaecology*.

For the unusual student who wishes a heavier reading schedule: *Obstetrics*—Beck, *Obstetrical Practice*, DeLee-Greenhall; *Principles and Practice of Obstetrics, Gynaecology*—Novak; *Textbook of Gynaecology*.

XXI. Paediatrics

Professor.....G. B. Winwell (*Head of Dept.*),
Associate Professor.....N. B. Coward,
Lecturers.....H. B. Ross, Adelaide L. Fleming,
Demonstrator.....R. G. Rice.

Lectures begin in the second year on Physical Diagnosis and growth and development, and practical demonstrations are given to groups of students. This is continued in the third year. In the fourth year, theatre clinics are held twice weekly at the Children's Hospital. Group clinical teaching is carried on daily in the wards of the Children's and Grace Maternity Hospitals and in the outpatient department of the Public Health Clinic and students are assigned to cases as clinical clerks. In the fifth year, the internes receive instruction in the more frequent procedures of the diagnosis and treatment of diseases in children.

Text Books: (1) Mitchell-Nelson; *Text Book of Paediatrics*. (2) Paterson and Moorhead, 2 vols. *Diseases of Children*. (3) Davison; *The Complete Paediatrics*.

Reference Books: *Strenuousness; Practice of Paediatrics*, 4 vols. Beck and McLachlan; *Diseases of Infants and Children*. *Stuart: The New Born Infant*.

Faculty of Dentistry

The Maritime Dental College was founded in 1908 and quartered in rooms provided by Dalhousie University in the Forrest Building. In 1911 an arrangement was made by which the Maritime Dental College became the Faculty of Dentistry of Dalhousie University.

The medical science classes of the dental course are taken in association with the students of the Medical Faculty in the Forrest Building, Medical Sciences Building and the Pathological Institute of Nova Scotia. These buildings are all on, or close to, the Forrest Campus and form a part of a compact group of hospitals and teaching centres. This close association of all types of clinics provides an exceptional opportunity for the study of the relationship of dentistry with the various divisions of medical and surgical treatment.

Classes in dental subjects are held in the dental wing of the Forrest Building. Classrooms are well equipped and well lighted. Students are allotted individual laboratory benches and dental chairs. This arrangement enables the student to obtain extensive and varied clinical instruction and experience. These classes are supplemented by clinics and demonstrations in the Public Health Centre, Victoria General Hospital and Camp Hill Hospital.

The dental library is located in the Medical-Dental Library building which was built in 1939. This excellent reference library, which contains practically complete files of most of the dental periodicals and a large collection of books, is available for student use.

Provincial Regulations

Students are reminded that the dental degree does not necessarily qualify for admission to practice in any province. The regulations for admission to practice in any province are set by the Dental Board of that province. Information on the requirements for practice in any province may be obtained from respective Dental Registrars. The name and address of any registrar may be obtained from the Dental Office.

The examinations of the Dominion Dental Council* are held shortly after the close of the college year. Successful candidates may be licensed for practice in all provinces except British Columbia and Quebec.

The Dalhousie Dental Degree is an accepted educational qualification for admission to the Dominion Dental Council

*For information address Dr. A. I. Brett, Secretary of the Dominion Dental Council, Regina, Sask.

examinations, the examination held by the various Provincial Dental Boards of Canada and by the Boards of many of the States of the United States.

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. 31 *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.

Affiliated Courses

A Bachelor of Arts or of Science of this University who has during his Arts or Science course taken the classes of the first year in Dentistry may complete a subsequent Dental course in the University in three years. See p. 35-37.

Academic Year

The Academic Year consists of one session of eight months' duration. The session of 1950-51 will begin on Tuesday, September 12, 1950, (except for the First Year and Second Year which will begin on Tuesday, September 5), and end on Tuesday, May 15, 1951.

No students will be admitted after noon of Monday September 12 for First and Second Year students, or Monday September 18, for other Dental students.

Degree

The degree conferred in the Faculty of Dentistry is that of Doctor of Dental Surgery (D.D.S.).

Admission of Students

A student will not be admitted to the classes of any year, unless he has passed in all the subjects of the previous year.

Students intending to practise in any province of the Dominion, or in another country are reminded that they must conform to all the regulations of that province or country.

No person under seventeen years of age is admitted to any class of the Dental Course.

Entrance Requirements

Full details of the requirements for Entrance will be found on p. 26 *et seq.*

Curriculum*

The course for the degree of Doctor of Dental Surgery extends over four years. The course is as follows:

First Year

Anatomy 1 and Practical Anatomy; Biochemistry 3; Dental and Comparative Dental Anatomy; Embryology; Histology; Physiology 1.

Second Year

Bacteriology 1; Pharmacology and Materia Medica; Operative Dentistry; Pathology; Physiology 2; Prosthetic Dentistry and Metallurgy.

Third Year

Crown and Bridge Work; Dental Infirmary; Dental Pathology and Therapeutics; Exodontia I; Hospital; Operative Dentistry; Orthodontia; Prosthetic Dentistry; Radiology; General Surgery; Children's Dentistry.

Fourth Year

Crown and Bridge Work and Ceramics; Dental Infirmary; Hygiene, Preventive and Clinical Dentistry; History, Jurisprudence, Ethics and Economics; Hospital; Operative Dentistry and Periodontia; Oral Surgery, Anaesthetics and Physical Diagnosis; Orthodontics; Prosthetic Dentistry; Exodontia 2.

Regulations for Degree

In addition to the Matriculation or Preliminary examination, candidates for degrees are required to pass four Professional examinations, one at the end of each year of the course, on the dates set in the University Almanac. The examinations are arranged as follows:

First Professional Examination

One paper in each of the following subjects: Dental and Comparative Dental Anatomy; Embryology; one paper and a practical examination in Histology; one paper and an oral and a practical examination in Anatomy, Biochemistry 3 and Physiology 1.

*It is to be distinctly understood that the regulations regarding courses of study, examinations, fees, etc., contained in this calendar are framed for the current year only. The University holds itself bound to adhere absolutely to the curriculum and conditions laid down.

Second Professional Examination

One paper in each of the following: Pharmacology and Materia Medica; Operative Dentistry; Pathology; Prosthetic Dentistry and Metallurgy; one paper and an oral examination in Bacteriology and Physiology 2.

Third Professional Examination

One paper in each of the following: Children's Dentistry; Crown and Bridge Work; Exodontia; Dental Pathology and Therapeutics; Operative Dentistry; Orthodontics; Prosthetic Dentistry; Radiology; one paper and an oral and a practical examination in Pathology; a practical examination in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry; and Orthodontics.

Fourth or Final Professional Examination

One paper in History, Jurisprudence, Ethics and Economics; one paper in each of the following: Crown and Bridge Work and Ceramics; Exodontia; Operative Dentistry and Periodontia; Oral Surgery, Anaesthetics and Physical Diagnosis; Orthodontics; Prosthetic Dentistry; a practical examination in Crown and Bridge Work and Ceramics; Operative and Prosthetic Dentistry, Orthodontics, Radiology.

Pass and Distinction Lists

The names of candidates successful in the examinations are arranged in the published lists in two divisions, the Pass and Distinction divisions. To pass a candidate must obtain a minimum mark of 50 per cent in each subject.

For Distinction in any subject he must obtain a mark of 75 per cent or over in that subject. The names in the Pass division of the list are arranged in alphabetical order; those in the Distinction list are in order of merit.

Admission to Examinations

Candidates must conform to the following requirements in order to qualify for admission to the Professional examinations:

1. They must attend the prescribed classes of the curriculum regularly and punctually. Certificates indicating less than 90 per cent of attendance upon any class will not in ordinary circumstances be accepted.

2. They must prepare such exercises, reports, etc., as may be prescribed, and in the case of classes involving laboratory or practical work they must complete such work satisfactorily. The practical requirements in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry, and Orthodontics, in the second, third and fourth years must be fulfilled before the theoretical examinations are written.

Supplemental Examinations

A candidate who has failed to pass in not more than two subjects of the Professional examination of any year shall be entitled to supplemental examinations in such subjects, provided he is qualified in attendance and class work for admission to examination.

A candidate who has failed to pass in more than two subjects of any Professional examination shall not receive any credit for work done in that year.

Supplemental examinations are held on the dates specified in the University Almanac in September and during the regular Professional Examinations in the spring, but at no other times.

Application for admission to a supplemental examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the Registrar's Office, and must be accompanied by the proper fee (see p. 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. 60-62.

University Medal in Dentistry.—This medal will be awarded on graduation to the student who stands highest in the Final Professional examination, provided he shall obtain Distinction in at least four of the five major subjects of that examination, and shall have reached an exceptionally high standing in the whole four years of his course.

The Dr. Frank Woodbury Memorial Prizes.—These prizes are awarded to students of the final year.

1st—Book Prize to the value of \$20 for the best thesis on an approved dental subject.

2nd—Book Prize to the value of \$15 for the best prosthetic and crown and bridge technic.

3rd—Book Prize to the value of \$15 for the student obtaining highest marks in the infirmary.

The Dr. W. C. Oxner Prize.—This prize will be awarded to the student of the final year showing the highest proficiency in crown and bridge procedure.

The Nova Scotia Dental Association Prizes.—Books to the value of \$25 are divided between the two students who make the best two general averages in all subjects of the Third Professional examination, provided the required standard is reached.

The Dr. W. H. H. Beckwith Prize.—This prize will be awarded to the student showing the highest proficiency in Operative Dentistry in his second and third years.

The Charles Bell Memorial Prizes.—Books to the value of \$25 to be divided between the two students who make the best two general averages in all subjects of the First Professional examination, provided the required standard is reached.

Similar prizes will be awarded for the Second Professional examination.

The Dr. I. G. Nathanson Anatomy Prize.—Books to the value of \$15 to be awarded to the student having attained the highest average on completion of the anatomy course, provided all courses of the first year of the Dental course shall have been successfully completed.

The Dr. H. S. Crosby and Dr. J. P. McGuigan Children's Dentistry Prize.—Books or periodical to the value of \$15.00 to be awarded to the Fourth Year student who has shown the greatest aptitude for Children's Dentistry.

Modern Dental Laboratory Prize.—A book prize to be awarded to the student in the final year who has shown the greatest proficiency in the clinical practice of Prosthetic Dentistry.

The B'nai B'rith Essay Prize.—A cash prize of \$50 awarded to the student of the third year by a jury of award for the best essay in a subject selected annually by the Dental Faculty. The subject of the essay and the conditions of the award will be announced during the session.

The College of Dental Surgeons of New Brunswick.—Cash prize of \$25 for award to a student in the Third Year.

Fees

All fees and deposits are payable in advance, and until these are paid, the student will not receive credit for attendance upon any class. Students who, by December 1, have not completed satisfactory arrangements regarding fees with the Business Office, will not be permitted to sit for the Christmas examinations.

Fee Registration*

Payable by students taking only one class in the University (including Library Fee of \$5.00 but excluding Student Health Service)	\$30.00
Payable by students taking more than one class (including Library Fee of \$5.00)	39.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day	2.00

For Tuition

Payable by those taking the regular prescribed curriculum, each year	\$115.00
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This includes tuition, hospitals, laboratories, the use of a microscope and a dental engine, and the regular sessional examinations; but does not include registration, caution and laboratory deposits and the fees for the support of student organizations.

No reduction will be made in tuition fees payable by a student repeating the regular classes of any one year of the curriculum.

The student must pay the fee for the full year whether the classes are attended for all or part of the course except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

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

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

For Examinations

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

**Supplemental examination, each subject	\$15.00
††For re-marking a paper	3.00

Fee Certificates and Diplomas

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

Certificates of Standing: first copy no charge; additional copies each \$.50

For D.D.S. Diploma (payable before the fourth year or final examination, and refundable 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 21 to 23 for

Loan Funds.

Caution Deposit.

Laboratory Deposits.

Fee for support of Student Organizations.

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

†† Application for refund of supplemental examination fees is not made on or before October 15, the fee will be refunded.

‡‡ Student examinations in the professional faculties will not be re-marked.

§§ Applications for re-marking must be made in writing to the Registrar within three months of the date of the examination.

CLASSES OF INSTRUCTION

For the details of Classes in—

Anatomy, and Histology and Embryology.

Physiology.

Biochemistry.

Pathology and Bacteriology.

Pharmacology.

See p. 130 et seq.

Dental Anatomy and Comparative Dental Anatomy

Lecturer..... J. P. McGuigan.

Dental Anatomy.—This course includes a study of the contents of the buccal cavity from a dental standpoint. A practical course in tooth 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..... L. S. Goldberg.

This series of lectures given in the final term of the fourth year is designed to emphasize the place of dentistry as a health service. It includes a review of recent research and a discussion of the correlation between dental and systemic disease conditions. The lectures are supplemented by demonstrations in the Victoria General Hospital and in the Pre-School-Age clinic of the Public Health Centre.

Operative Dentistry

Professor..... John W. Dobson.
Lecturer..... D. C. Eaton.

The instruction in this subject begins in the second year. Students in the last two years will be engaged in infirmary practice daily under the supervision of experienced demonstrators. The work of the final year is designed to instruct the student in the details of Operative practice.

Dental Pathology and Therapeutics.

Lecturer..... A. Burden Haverstock.

The lectures will be given in the third year, with practical demonstrations in the Infirmary throughout the last two years.

Special references will be made to the pathology of *Pyorrhea Alveolaris*.

Pharmacology and Materia Medica

Professors..... J. W. Dobson, J. G. Aldous.

This course is given in the second year. In the first term, 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.

Lecturer..... P. S. Christie.

This subject will be presented in a course of lectures and clinical demonstrations during the last two years.

Oral Surgery, Anaesthesia and Physical Diagnosis

Associate Professor..... J. Arnold Noble.

Lecturer..... G. MacKinnon.

A course of lectures on General Surgery given during the second term of the third year.

Surgery.—A course on Oral Surgery, to be given during the final year, embracing operations which the dental surgeon should be able to perform.

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

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

Exodontia and Anaesthesia

Professor..... O. L. Croft.

Deconstructors in the Adult Public Health Clinic..... O. L. Croft,
I. K. Labetsky, F. C. Fennell, D. B. MacNeil.

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: Winter, Berger.

Reference Books: Smith, Thomas, Heatt, Detroit.

Radiology

Professor..... H. M. Eaton.

A course of lectures and demonstrations weekly during the third year followed by practical work in the Infirmary.

Text Book: Raper, 2nd edition.

Reference Books: McCoy, Thomas, Osgood.

Prosthetic Dentistry

Professors..... J. W. Dobson, J. S. Bagnall.

Deconstructors..... D. G. Pentz.

This course continues throughout the last three years. The instruction is didactic and practical.

Text Books: American Text Book of Prosthetic Dentistry, Kennedy; Perrot's Dentures.

Reference Books: Prothero, Wilson, Caspell, Nichols.

Crown and Bridge Work and Ceramics

Professor..... G. A. Chadleigh.

Assistant Professor..... G. M. Davis.

Lecturer..... J. E. Merritt.

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: Denture.

Reference Books: Evans; Crown and Bridge, Perry; Crown and Bridge, Golden; Crown and Bridge, Logan; Ceramics, Capon; Ceramics, Kinnaird; Ceramics.

Metallurgy

Lecturer..... J. S. Bagtall.

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, Rosenheim, Gibson.

Dental History, Jurisprudence, Ethics and Economics

Lecturers..... G. M. Davis,

F. W. Hissett, W. W. Woodbury, H. S. Crosby.

History.—History and development of Dentistry.

Reference Book: Taylor.

Ethics.—A brief statement of the important principles of morals and obligations of professional men to their patients, other practitioners and the public.

Reference Book: Noyes.

Jurisprudence.—A discussion of the subject as it affects the qualifications and responsibilities of the Dental Surgeon.

Reference Book: Brothock.

Economics.—The students' attention is directed to factors that make for success in dental practice; to a consideration of the rewards of service, and to an appreciation of their values.

Reference Book: Johnson; Success in Dental Practice.

UNIVERSITY LISTS

Degree Conferred Session 1948-49

Convocation, May 17, 1949

*—Degrees conferred during session.

*—In absentia.

Honorary Degree of Doctor of Laws

Charles Herbert Best, C.B.E., M.A., Ph.D., D.Sc., F.R.S., F.R.S.C., F.R.C.P.(C.), Professor and Head, Banting and Best Department of Medical Research, and Professor and Head of Department of Physiology, University of Toronto.

Master of Arts

Anderson, Beryl Lapham, B.A. Amherst, Camb. Co.
 Buchanan, Coriswen Howe, B.A. Halifax
 Footley, David Edmund, B.A. Saint John, N. B.
 Mitchell, Reynold St. Clair, B.A. Sydney, C. B. Co.
 Murphy, Francis Eugene Joseph, B.A. Halifax
 Saunders, Catherine Estelle, B.A. Stellarton, P.E. Co.

Master of Science

Blount, Rosemary Walton, B.Sc. St. John's, Nfld.
 Jodrey, Louise Harriet, B.Sc. Northport, Camb. Co.
 *Friedel, Hilliard, B.S.A., (O.A.C.) Sutton West, Ont.
 Rogers, Douglas Herbert, B.Sc. Halifax
 Smith, Marjorie Lorraine, B.Sc. (St. F.X.) Pictou
 Stewart, Alee Thompson, B.Sc. Dartmouth, Hfx. Co.
 Tingley, Irvine Ira, B.Sc. Halifax
 Whitewax, Stirling Giddings, B.Sc. Stellarton, P.E. Co.
 Wyke, Douglas Wilson, B.Sc., (U.N.B.) Fredericton, N. B.

Bachelor of Arts

Allison, Laurie MacCallum Halifax
 Archibald, Marjorie MacGregor Ottawa, Ont.
 Barshill, Colin MacDougall Halifax
 *Barrett, John Bowring Bay Roberts, Nfld.
 Bate, David Charles, (King's) Port Credit, Ont.
 Bradshaw, Joan Cecelia (King's) Yarmouth
 Brown, Elizabeth Laura (King's) Saint John, N. B.
 Bugden, Cyril Wilfred (King's) Halifax
 Burchell, Charles Deane (King's) Sydney, C. B. Co.
 Burchill, George Stuart (King's) South Nelson, N. B.
 Cameron, Eleanor Joyce Glace Bay, C. B. Co.
 Clarke, Lucie Otis Malagash, Camb. Co.
 Coles, Gordon Francis (King's) Halifax
 Cooner, Ralph (King's) New Waterford, C. B. Co.
 Cooley, Dora Maud (King's) Wolfville, Kings Co.
 Cowan, Lois Annabelle Halifax
 Cross, Donald Charles Bridgewater, Lgn. Co.
 *Currie, Maxwell Catherine Moncton, P. E. I.
 Eisenhauer, William Leach (King's) Bridgewater, Lgn. Co.
 Embree, Jesse Bethune Port Haskinsbury, Inv. Co.
 Foster, Gerald Carleton Leonard Ottawa, Ont.
 *Gibson, Isaac Brent Truro, Col. Co.

*Gillingham, Ralph Garland Safe Harbour, Nfld.
 Goodie, Margaret MacMillan Pictou
 Gough, Cyril Hanson Elliston, Nfld.
 Goerrie, Robert Alvery Tramping Lake, Sask.
 Griffin, Derek Selwyn Halifax
 Guy, Earl Frederick (King's) Sydney Mines, C. B. Co.
 Halperin, Irving Joseph Montreal, Que.
 Hamilton, Herbert Noel Saint John, N. B.
 Hamilton, Rossborough Brydons Maxville, Ont.
 Hanrahan, Joan Margaret Halifax
 Ibsen, Harry Borden Halifax
 Johnston, Albert Arnold Sydney, C. B. Co.
 Kail, Robert Cecil Halifax
 *Kitchin, Charlotte Frances Stellarton, P.E. Co.
 Knight, Clave Roberts Halifax
 *Lampert, Herbert, B.Sc. Montreal, Que.
 Langin, Ferguson Robert Halifax
 *Lewis, Charles Morris Halifax
 Lomas, Alton Anderson Sydney, C. B. Co.
 McCurdy, Sherburne Graham Halifax
 MacDermid, Anna Catherine Haddock, Vic. Co.
 MacIntosh, Alan Wallace Halifax
 MacKay, Mary Margaret Ottawa, Ont.
 MacKenzie, Jane Winifred New Glasgow, P.E. Co.
 MacKenzie, Mary Josephine New Glasgow, P.E. Co.
 *MacLeod, Dorothy Ann New Glasgow, P.E. Co.
 *Miller, Donald Job Shubenacadie, Hants Co.
 Morrison, Jessie Walker Arundale, Hfx. Co.
 Mumford, Robert Williams Brooklyn, Queens Co.
 Myrdin, Joan Elizabeth Halifax
 O'Brien, Harold Becher Noel, Hants Co.
 Palmer, Carl Vernon (King's) Aylesford, Kings Co.
 Paterson, Joan Elizabeth Dartmouth, Hfx. Co.
 Prossie, Albert Glace Bay, C. B. Co.
 Pye, Howard James Gordon Montreal, Que.
 Ramskallop, Pearl, B.Sc. Trinidad, B. W. I.
 Raskheran, Ernest Montreal, Que.
 Read, Frances Mildred Halifax
 Rosenfeld, Herbert Hyman Montreal, Que.
 Sawyer, John Bernard Halifax
 Secord, Joseph Abnerd (King's) Saint John, N. B.
 Scott, Phyllis Barbara Halifax
 *Shields, Helen Prods Halifax
 *Smith, Barbara Borden (King's) Annapolis Royal, Anns. Co.
 Suggs, Patricia Agne St. Laurent, Que.
 Spencer, Dorothy Mae Halifax
 Steele, Laura Aileen Ottawa, Ont.
 Stewart, Donald Roncy Dartmouth, Hfx. Co.
 *Stoddard, Joan Carmen Halifax
 Strongwood, Lloyd Edwin Halifax
 Thomas, Margaret Lillian (King's) Halifax
 Traiser, Gordon Joseph Charlottetown, P. E. I.
 Wallace, Vernon Bruce Halifax

Bachelor of Science

Aitken, Phyllis Marilyn Harry Station, N. B.
 Archibald, Willis Moore, B.A. Sydney, C. B. Co.

Banks, Russell Ewen	Halifax
Becker, Worth Willett	Yarmouth
Belyea, John Knight	Sackville, N. B.
Bentley, Homer Donaldson	Five Islands, Col. Co.
Booth, John Morton	Sydney, C. B. Co.
Brown, Lieselotte	Dartmouth, Hfx. Co.
*Burgoyne, David Graham	Okanagan Landing, B. C.
Caser, Michael Thomas	Halifax
Chipman, Charles Donaldson	Halifax
Cluett, Maxwell Lewis (King's)	Lunenburg
Cody, William Albert	Springhill, Camb. Co.
Cousins, Chasman Leslie	Halifax
Crawford, Gerald James Browning (King's)	St. John's, Nfld.
Crosse, Arthur John	Lunenburg
Crosbybank, Alfred Gordon	Truro, Col. Co.
Call, James Albert	Halifax
Ellis, Mildred Coleridge	Gondola Pt., N. B.
Epreston, Norman	Sydney, C. B. Co.
Ferguson, Allan Arthur	Port Morien, C. B. Co.
Gates, Archibald Dunham	Dartmouth, Hfx. Co.
Geags, David	St. John's, Nfld.
*Gills, James Creighton	Truro, Col. Co.
Gordon, Peter Campbell	Halifax
Graves, Keith Richard	Dartmouth, Hfx. Co.
Hardy, Clarence Mann	Halifax
Haskell, Emma Anna Cora	Truro, Col. Co.
Hockman, Philip Jeffrey	Halifax
Heighton, Ernest Lloyd	Peterborough
Henderson, Iva Haliburton Smith (King's)	Halifax
*Howard, George Foster	North Timmins, Ont.
Hrot, Charles Keith	North Sydney, C. B. Co.
*Humphries, George Malcolm	Bowwood, Nfld.
Jeffrey, Robert Carlo	Montreal, Que.
Jeffrey, Wendell Holmes	Sandy Cove, Digby Co.
Johnson, Lloyd Clifton	North Sydney, C. B. Co.
Lanscut, Lawrence James	Dartmouth, Hfx. Co.
Landrigan, Helosa Marie Eileen	Charlottetown, P. E. I.
McAllister, William George Lawrence	Fairview, Hfx. Co.
MacDougall, James Glen	Rosky Point, P. E. I.
McKenna, John Rogers	Saint John, N. B.
McKin, Thomas Resfrew Gilechrist	Halifax
MacKnight, Ralph Dunbar	Dartmouth, Hfx. Co.
MacLennan, Donald Fraser	Sydney, C. B. Co.
McLeod, Donald Alexander	Charlottetown, P. E. I.
MacMillan, Allison Chalmers	Black Point, N. B.
MacMillan, Francis Sophus Kilmer	Charlottetown, P. E. I.
Major, Pauline Isabel	Halifax
Maisoin, Frederick William	Dartmouth, Hfx. Co.
Mason, Shirley Mae Rachael	Yalworth, Camb. Co.
Meagher, Nicholas Patrick Joseph	Halifax
Miligan, Leigh Alexander	Coleman, P. E. I.
Nielson, Ruth Ethel	Milford Station, Hants Co.
Now, Thomas Corbin	St. John's, Nfld.
Palack, Samuel Hirsch	Montreal, Que.
Paton, Harry Myer	Halifax
Patterson, Walter Alvin	Upper Stewiack, Col. Co.

**Pike, Eric	St. John's, Nfld.
Prossitt, Henry Joseph	Sydney, C. B. Co.
Pricker, Louis Somers	Halifax
Freibard, Douglas Bernard	Fredericton, N.S.
Sanderson, Henry Preston	Kirosa, P. E. I.
Seaman, Donald Maxwell	Dartmouth, Hfx. Co.
Seivior, James Francis	St. John's, Nfld.
Shaw, Gerald Clives	Harland, N. B.
Single, William Leslie	Ville La Salle, Que.
Smith, Donald Gilbert	Bridgewater, Lun. Co.
Smyth, Mary Muriel (King's)	Armadale, Hfx. Co.
Taylor, Maynard Francis	St. Bonaventure, Hants Co.
Wadden, Arthur Roger (King's)	Glace Bay, C. B. Co.
*Warr, Ivan Ross	Halifax
Warren, Elisevirie	St. John's, N. B.
*Zwickler, Ronald Eugene	Fairview, Hfx. Co.

Bachelor of Commerce

Anderson, William Duncan	Shelburne
Archibald, Charles Winter	Truro, Col. Co.
*Astin, Earl Victor	Halifax
**Bacoclad, Alfred Albert Alexis	Porterville, Rich. Co.
Bailey, Arnold Ashley	Fredericton, N. B.
Banks, Neil Leslie	Turbrook Mines, Anns. Co.
Barrett, Neil James	Glace Bay, C. B. Co.
Bartlett, Sydney Wilfred	Kentville, Kings Co.
Burney, Frank Douglas	St. John's, Nfld.
Bustin, John William	Yarmouth
Campbell, George Lewis	Stellarton, Pie. Co.
Cox, James Arthur	Shelburne
Doall, Marjorie Elizabeth	Halifax
Ganong, Kingston Burnett	Harland, N. B.
Gardner, Olin Westbrook	Halifax
Gregg, Donald Garrett	Truro, Col. Co.
Hathery, Jack Wylie	River Hebert, Camb. Co.
Horns, Landon Joseph	Waverley, Hfx. Co.
Inkpen, David Sherman	Halifax
Ivry, Clarence Holman	Sydney Mines, C. B. Co.
Kerr, Donald Alexander	Halifax
Kniekle, Robert John	Halifax
LeBlanc, Edwin Adolfe	Halifax
McCurdy, Charles Ervin	Middle Musquodoboit, Hfx. Co.
McGuire, Frank Kent	Windsor Junction, Hfx. Co.
MacKenzie, Reginald Leroy	Guntagerville, N. B.
McKinney, James Russell	Summer Hill, N. B.
**MacLean, Albert Blair	Campbellton, N. B.
MacLennan, Robt.	Parvato, N. B.
MacLeod, John William	New Glasgow, Pie. Co.
MacMillan, Alexander Clair	Sonstons, N. B.
MacNamara, Francis Michael	St. Stephen, N. B.
**MacNeil, Donald Neil	Sydney, C. B. Co.
*Manoni, Vincent Sylvester	North Sydney, C. B. Co.
Millard, Hubert Ross	Barr, Alta.
Morvey, William Owen	Lunenburg
Morvat, John Porter Allan	Campbellton, N. B.
Ogilvie, William Douglas	Halifax
Palmer, Paul Allison	Berwick, Kings Co.

*Patten, Chesley Wilfred	Grand Bank, Nfld.
Phillips, Frangeline Pearl	Hantsport, Hants Co.
Porter, Charles DeKoon	Falmouth, Hants Co.
Robertson, Robert Archibald	Halifax
Rogers, Frank Leslie	Yarmouth
Robin, Alva William	Halifax
Schafer, Ernest Paul	Winnipeg, Man.
Slaven, James Royal	Sydney, C. B. Co.
*Smallwood, Robin Henry Evans	Colquhoun, Alta.
Spurr, Philip Rupert	Torbrook Mines, Anns. Co.
*Sullivan, Thomas Cyril	Halifax
Watson, Robert Alder	Fredericton, N. B.
Wentzell, Jossen DeWolfe	Oakland, Lun. Co.

Bachelor of Music

Campbell, Teresa Eulalia	Halifax
Himmelman, Marie Jane	Halifax

Bachelor of Laws

**Anisault, Ernest James, B.A. (St. Anne's)	Halifax
Balgon, John Bishop, M.A.	New Glasgow, P. Co.
Banckman, George Perry	Falmouth, Hants Co.
Bent, Maurice Dearness	Belleisle, Anns. Co.
Elsick, Gordon Samuel	Halifax
*Ellis, Robert Henry Neil, B.Com.	Halifax
*Chipman, Donald Lewis, B.A. (Mt. A.)	Yarmouth
Colbourne, Harold Douglas	Bishop's Falls, Nfld.
Cox, Arthur William, B.A. (Acadia)	Narrows, N. B.
Dawe, Kenneth Stewart	Summersville, Nfld.
DeWolfe, John Benjamin, B.A. (Acadia)	South Ohio, Y. Co.
Diagwall, Claude Avon	Sydney, C. B. Co.
Dewell, Ronald Chester	Halifax
Doyle, Robert Philip	Annapolis Royal, Anns. Co.
Dunn, George William	Port Colborne, Ont.
*Ellerworth, Michael James, B.A. (St. F.X.)	Springside, Cumb. Co.
Fitzpatrick, Lloyd Allison	Windsor, Hants Co.
Fleming, Francis John, B.A. (Ottawa)	Blairmore, Alta.
Gallant, Joseph Augustin	Emmett Bay, P. E. I.
Gerity, Francis O'Brien	Halifax
Hudson, Roy Fisher	Country Harbour, Guys. Co.
Hunt, Douglas Charles	Halifax
McCombs, Harris Edgar	Medicine Hat, Alta.
McDonald, Lewis Harris	Halifax
Mardonald, Robert Buckley	New Glasgow, P. Co.
MacIsaac, John Francis	Dartmouth, Hfx. Co.
McKelvey, Edward Neil	Saint John, N. B.
Matheson, Gordon Robert	Dunkin, C. B. Co.
Mathews, Kenneth McNeill	New Aberdeen, C. B. Co.
*Mears, Merril Arthur	St. Andrews, N. B.
Mercer, Donald Archibald	Bishop's Falls, Nfld.
Mingo, James William Edgar, B.A.	Halifax
Misner, Carl Murdoch	Port Walter, Hfx. Co.
*Murphy, Gerald Floyd	Sydney, C. B. Co.
Scott, Nathaniel Stewart	St. John's, Nfld.
O'Neil, Patrick Stanley, B.A. (St. Mary's)	Mundare, Alta.
**Parsons, William George	Ottaro Pit Cove, Nfld.

*Patterson, Alexander William	Halifax
Peltier, Edward Rose, B.A.	Chicawa, Ont.
Robinson, James Stanley	Halifax
Ryan, James William	North Sydney, C. B. Co.
Soper, Plesman Lloyd	St. John's, Nfld.
Stoughton, George Dwight, B.Sc. (Trinity)	Bloomfield, Conn., U. S. A.
Townsend, Arthur Martell, B.A., B.Ed. (Acadia)	Louisburg, C. B. Co.
Truhamst, Donald Roland	Stellarton, P. Co.
Waterbury, David John Cunningham	Rockingham, Hfx. Co.
*Watson, Frank Joseph	Hamilton, Ont.
Whalley, Michael George	Sydney, C. B. Co.
*Wilson, Kenneth Gerard	Halifax

Doctor of Medicine and Master of Surgery

Algie, Gordon Haig	Moncton, N. B.
Auld, Robert Waldron	Freetown, P. E. I.
Balduino, James Taylor	Joazeiro, Cumb. Co.
Barnett, Mark Lucas	Charlottetown, P. E.*I.
Brennan, Donald Sinclair, B.Sc. (Acadia)	New Minas, Kings Co.
Burger, Edward Glennie, B.A., M.Sc. (West Ont.)	St. Thomas, Ont.
Cantwell, Joseph Francis	St. John's, Nfld.
Chambers, James Gordon	North Sydney, C. B. Co.
Chapman, Gerald Rosheough	Moncton, N. B.
Davis, Gerald Ernest	Bridgetown, Anns. Co.
Day, Cecil Maguire	Moncton, N. B.
Eaton, Reginald Curran, B.Sc. (Acadia)	Pictou
Frazer, James Little, B.A. (U.B.C.)	Vancouver, B. C.
Fulfer, Stewart Carlyle	Bedford, Hfx. Co.
Husker, Frank Kevin	St. John's, Nfld.
Hier, David, B.Sc.	Montreal, Que.
Hirsch, Solomon, B.Sc.	Sydney, C. B. Co.
Hurtle, Lloyd Roy	Halifax
Hunter, Helen MacKay, B.Sc. (U.N.B.)	Halifax
Jacobson, Horace Harold Hunter, B.Sc. (U.N.B.)	Saint John, N. B.
Karrel, Israel, B.A. (Mt. A.)	Sydney, C. B. Co.
Keating, Douglas Willard Blake	Moncton, N. B.
Knight, Arthur Law, B.Sc.	Halifax
Lesser, Joseph Harris	Saint John, N. B.
Levitz, Abraham	St. John's, Nfld.
MacInnis, Donald Ross, B.Sc.	Shubenacadie, Hants Co.
McKeough, Liam Logan	Sydney Mines, C. B. Co.
MacLellan, John Fraser	Halifax
MacLeod, Angus Alexander	Lorne Valley, P. E. I.
Mercer, Alvin Robert	Bishop's Falls, Nfld.
Miller, Robert Bruce	Charlottetown, N. B.
Morside, James William	Charlottetown, P. E. I.
Earby, John Edward, B.Sc. (Mt. A.)	St. Andrews, N. B.
Rundle, Lorenzo Gordon, B.Sc.	New Glasgow, P. Co.
Sears, Harold Gordon	St. Stephen, N. B.
Stephen, Leonard James	Saint John, N. B.
Toole, Stanley Nelson	Granby, Conn., U. S. A.
Theriault, John Charles	Halifax
Tompson, Myles Gregory	Dominion, C. B. Co.

Townsend, Francis Ralph	Louisburg, C. B. Co.
VanBuren, Lawrence Stedman	B.A. (Mag.)
(Queen's)	Tindale, Sask.
Webber, Freeman Burton, B.A. (Acad.)	Cambridge, Hants Co.
Whelan, Patrick Joseph	St. John's, Nfld.
Doctor of Dental Surgery	
Dexter, Carl Edmund, B.Sc.	Halifax
Dexter, Earl Freeman	Halifax
King, Wilson Charles, B.Sc.	St. John's, Nfld.
Macneil, William Hamilton, B.Sc. (St. F. X.)	Halifax
Simon, Philip, B.A. (M.A. A.J.)	Sydney Mines, C. B. Co.
Whyte, Eric James	Glace Bay, C. B. Co.
	Sydney Mines, C. B. Co.
Graduate Diplomas in Education	
Bellows, Lorraine Rose Marie, B.A. (Law)	Halifax
Bourbonnais, Louis Oscar, B.A. (Mag.)	Meteghan, Digby Co.
Brennan, Celina Marie, B.A. (St. F. X.)	North Sydney, Hfr. Co.
Custas, Athena Dorothea, B.Sc.	Armdale, Hfr. Co.
Griffith, Kinanor Elizabeth, B.A.	Dartmouth, Hfr. Co.
Humphreys, James Douglas, B.A. (Tor.)	Imperoria, Hfr. Co.
Kaplan, Julia, B.A.	Stellerton, Pis. Co.
Lamont, Lawrence James, B.Sc.	Dartmouth, Hfr. Co.
Lawrence, Joan Marceus, B.A.	Dartmouth, Hfr. Co.
Nicholson, Winifred Mary, B.A.	Dartmouth, Hfr. Co.
Shields, Helen Freda, B.A.	Halifax
Wills, Byron Lester, B.A.	Halifax
Licentiates of Music	
Broughton, Esther Amasia	Caledonia, Queens Co.
Dee, Marie Theres	Halifax
Martin, John Patrick	Dartmouth, Hfr. Co.
Parker, Mariel Jean	Annapolis Royal, Anns. Co.
Saultier, Frances Christine	Halifax
*Smestad, (Norin) Aline Jean	Halifax
Diplomas in Engineering	
Belyea, John Knight	Sackville, N. B.
Berube, Paul Alphonse	Campbellton, N. B.
*Burgoyne, David Graham	Glennegan Landing, B. C.
*Campbell, Hugh Dunlop	Middle Stewacks, Col. Co.
*Churchill, Roy Kingsley	Halifax
Croase, Arthur John	Luzenburg
Cull, James Albert	Halifax
Cutler, John Winiberry	South Cove, Vis. Co.
*Dicks, John Bartlett	Harbour Buffett, Nfld.
Dodge, Herbert Wesley	Bridgewater, Lun. Co.
Duggan, Kenneth Francis	Halifax
Dunn, John Darrell	Middleton, Anns. Co.
Farguharson, Kenneth Lloyd	Halifax
Ferguson, Allan Arthur	Port Marion, C. B. Co.
Fred, George Eldrid	Centreville, Kings Co.
Grandy, Lloyd George	North Sydney, C. B. Co.
Hansen, Peter Edward Vetterstrom	Parvash Junction, Camb. Co.
Harvey, Leonard Morton	Bainside, Vis. Co.

Hattie, John Dunsm	Halifax
Hickman, Philip Jeffrey	Halifax
Hodgson, Robert Wilbert	Woodside, Hfr. Co.
**Howard, George Foster	Timsits, Ont.
Ince, Donald Edward	Halifax
**Jay, Cecil Elmer	Brooklyn, New York, U. S. A.
**Jeffrey, Robert Carlo	Montreal, Que.
**Johnson, Herbert Miller	Corner Brook, Nfld.
Kinley, David Charles	Halifax
Lamont, Lawrence James	Dartmouth, Hfr. Co.
Leslie, Thomas Roy	Brookfield, Col. Co.
Lindsay, John William	Halifax
McAllister, William George Lawrence	Fairview, Hfr. Co.
MacAulay, Thomas Chalmers	Fort Morden, C. B. Co.
McCashery, Harry Frederick	Halifax
MacDonald, James Glen	Rocky Point, P. E. I.
MacKeigan, Donald Archibald	Glace Bay, C. B. Co.
MacLeod, Donald Alexander	Charlottetown, P. E. I.
Marginson, Kenneth Fraser	New Glasgow, Pis. Co.
Morley, Lloyd Gordon	Halifax
*Nafel, Frederick Ernest	Halifax
Parsons, David Ralph	Bay Roberts, Nfld.
Patterson, Walter Alvin	Upper Stewacks, Col. Co.
Pelham, Jerry	Halifax
Pricker, Louis Senars	Halifax
Ridgway, Keith Allen	Halifax
Randine, Robert Walter	Saint John, N. B.
Seethorn, Arthur Dalton	Sydney, C. B. Co.
*Shillingford, Thomas Hughes	Coulbriest, B. W. I.
Sizely, William Leslie	Yale La Salle, Que.
*Suzaga, William Herbert	Montreal, Que.
Stewart, Norman Fulton	Bridgewater, Lun. Co.
Stewart, William Gordon	Halifax
Thompson, Kenneth George	Tatamagouche, Col. Co.
*Thurgood, Charles Murdoch	Sydney, C. B. Co.
Wadly, Lawrence Reginald	Bonser Harbour, N. B.
*Warr, Ivan Ross	Halifax
Diplomas of Pharmacy	
**Baines, Raymond Maurice	Saint John, N. B.
Baker, Harold James	Yarmouth
Bostly, Ronald Ernest	Fredericton, N. B.
Bolyon, Ralph Walter	Moncton, N. B.
Campbell, John Evereth	Westville, Pis. Co.
Copeland, Charles Allison	Bridgewater, Lun. Co.
Crowell, Robert Guilford	Halifax
Etter, Stanley Malcolm	Shubenacadie, Hants Co.
Evans, Donald Edwards	Halifax
Ferguson, Donald Alexander	Glace Bay, C. B. Co.
Ferguson, Gordon Stewart	Glace Bay, C. B. Co.
MacDonald, Edward Earl	Pictou
MacDonald, Ian Ross	Lorides, Pis. Co.
MacKinnon, Raymond Donald	Charlottetown, P. E. I.
McLean, Charles Robert	Saint John, N. B.
MacLellan, (Colquhoun) Nancy Ellice	Halifax
Yule	Halifax
Mallett, James John	Yarmouth

Martin, William Harris	Springhill, Camb. Co.
Norton, Edwin Michael	Halifax
O'Brien, Roland William	Parramatta Junction, Camb. Co.
Perry, Laurence Parker	Halifax
Poslain, Charles Edward	Thorburn, Pict. Co.
Wason, William Hollis Benson	Saint John, N. B.
Weisford, Donald Frederick	Saint John, N. B.

HONOURS, PRIZES AND MEDALS

Diplomas of Honour

Physics—First Class Honours	Charles Keith Hoyt
Chemistry—High Honours	Jan Halderton Smith Henderson
English—High Honours	Rail Frederick Guy
Botany—Honours	Herbert Noel Hamilton
Chemistry—Honours	Shirley Mae Rachel Mason
	Lloyd Clifton Johnston
	Donald Gilbert Smith
Physics—Honours	Gerald James Browning Crawford
	Eldon Stuart Warren

Diplomas of Distinction
Sherburne Graham McCurdy

Graduation Prizes and Medals

The Governor-General's Gold Medal	Charles Keith Hoyt
University Medal: Faculty of Law	James William Edgar Mingo, B.A.
The Avery Prize (Highest Pass Graduate)	Francis Mildred Head

ENTRANCE AND UNDERGRADUATE PRIZES, 1943-49

Entrance Scholarships

Morton R. Heisch Memorial Scholarship	Murray Judson Fraser
Pictou Academy Scholarship	John Milton Rae
Prince of Wales College Scholarship	James Simpson Tait
Memorial University College Scholarship	Thomas Kenton Pitt
	Willard Brehaut
	Daphne Ann Dickson
	Mavis Ruth Goodiano
	Donald Paulman MacLeod
	Robert Malcolm McLeane
	Jane Adele Finlay
	Donald MacQuarrie Clark
	John Martin Reeves
	William Kirkpatrick Beeson
	Mary Estelle MacLean
	Glynn Allison Yeomans
	Patricia Mary Beatty
	Sophia Sally Newman
	Guy Robertson MacLean
	Anita Mae Jean Simpson
	William Ord Elliott
	Gordon James McMurtry

Entrance Scholarships

Dalhousie University Club of New York Entrance Scholarship	Elizabeth Anora Merrick
Phi Beta Phi Fraternity (Nova Scotia Alpha Chapter) Entrance Scholarship	Kathryn Dean Murray

UNDERGRADUATE SCHOLARSHIPS AND PRIZES

Bruce Scholarship (1st yr. Arts and Science)	Patricia Mary Beatty
George H. Campbell Memorial Scholarship (1st yr. Arts and Science)	Barbara Rae McGeoch
Mackenzie Scholarship (1st yr. Arts and Science)	William Kirkpatrick Beeson
Allan Pollok Scholarship (2nd yr. Arts and Science)	Murray MacEachern Tolmie
Jetham Blanchard Bursary (2nd yr. Arts and Science)	David Ritchie Chipman
Bruce Bursary (2nd yr. Arts and Science)	Arthur Lloyd Foote
Marion S. Morrow Chapter I.O.D.E. Scholarship (2nd yr. English)	Herbert Noel Hamilton
Howard Murray Scholarship in Latin (Awarded October, 1948)	Jean Reaton Baker
Howard Murray Scholarship in Greek (Awarded October, 1948)	Maxwell Carleton Carris
A. Stanley Mackenzie Memorial Scholarship in Physics (2nd yr. Arts and Science)	George Malcolm Graham
Evangeline Chapter, I.O.D.E. Scholarship (English)	Malcolm Gordon Parks
Hugh Graham Fraser Memorial Prize (Advanced Chemistry)	William David Jamieson
H.M.S. "Good Hope" Chapter, I.O.D.E. Scholarship (3rd yr.)	Margaret Anne Stevenson
Ross Millar Scholarship	Lee Malcolm MacNaughton
Archibald MacMechan Scholarship (4th yr. English)	Walter Beat Hirtle
Waverley Prize (Mathematics)	Gordon Harry Elop
Katherine Buttercuhaw Prize (Advanced Mathematics)	Charles Keith Hoyt
Ross Stewart Smith Scholarship (Arts and Science)	Mary Isabel Rennie
James L. Hall Scholarship (2nd yr. Engineering)	Gordon Harry Elop
John Hamilton Barrett Prize (4th yr. Chemistry)	Lloyd Clifton Johnston
Walter F. Copp Memorial Prize (Final year Engineering)	James Glen MacDougall
B'nai B'rith Prizes:	
Biology	Eric David Morgan
Zoology	Aubrey Desnoere Hudson

- A.N.A. Club Scholarships for Ex-service Women** Claire Roberts Knight
Jean Agnes MacPherson
- Chemical Institute of Canada Scholarships** 1948 Ian Halliburton Smith Henderson
1949 Eric David Morgan
- Montreal Maritime Women's Club Scholarship** Beryl Beverley Boatroy
- Nova Scotia Headmasters' Association Prize (Education)** Byron Leslie Wilks
(In order to hold a scholarship awarded by the Faculty of Arts and Science a student must be in attendance in the Faculty during the session of 1949-50.)
- F. L. Milner Prize (1st yr. Law)** George Cecil Losack
- Class of 1911 Prize (1st yr. Law)** Ronald Joseph Downie
- Vincent MacDonald Prize (2nd yr. Law)** John Anthony Fitzpatrick
- Carwell Prizes (Highest Aggregate)**
2nd yr. Peter Hanington
3rd yr. James William Edgar Mingo, B.A.
- Class of 1930 Prize (3rd yr. Law)** John Bishop Ballen, M.A.
- Stuart Lane Memorial Prize (3rd yr. Law)** James William Edgar Mingo, B.A.
- Sir Joseph Chisholm Essay Prize (3rd yr. Law)** John Bishop Ballen, M.A.
- Faculty of Medicine Entrance Scholarships** Mary Agnes Murray
Florence Augustus Spurrell
Hugh Neil Archibald MacDonald
Wendell Holmes Jeffrey
Donald Hector MacKay
- Prize in Pathology (from the Hebrew Community of Nova Scotia and New Brunswick)** James Charles Vibert
- John Stewart Chagden, I.O.D.E. Prize (2nd yr. Medicine)** William Brenton Stewart
- Anonymous Prize (2nd yr. Anatomy)** Joseph James Hand
- Professor John Cameron Prize (1st yr. Anatomy)** Michael Thomas Casey
- Professor R. J. Bean Prize (1st yr. Histology and Embryology)** Raymond Leslie Bagdon
- A. B. Wiswell Scholarship (1st yr. Medicine)** John Edmund Bethune
- Dr. Clarence Francis (Dennis) Moriarty Bursary** Herbert Harold Tucker
- Charles E. Frost Bursary** Ronald Dickie MacKay
- Andrew James Cowie, M.D., Memorial Medal (4th yr. Obstetrics)** John Gordon Williams
- Dr. John F. Black Prize (4th yr. Surgery)** John Gordon Williams
- Dr. Clara Olding Prize (4th yr. Medicine)** John Gordon Williams

- Victoria General Hospital Prize** Solomon Hirsch, B.Sc.
- Halifax Infirmary Award** John Charles Theriault
- Colonel Murray MacLaren Memorial Award (for service as Intern at the Saint John General Hospital)** Myles Gregory Tompkins
- Dr. A. F. Miller Prize (Highest standing in Tuberculosis)** James Little France, B.A. (U.B.C.)
- Charles Bell Memorial Prizes (1st yr. Dentistry)** 1st Donald Garth Woodside
2nd Hay Epstein
- Charles Bell Memorial Prizes (2nd yr. Dentistry)** (equal) Ralph Baxter DeWare
James McLaughley
- Dr. J. G. Nathanson Anatomy Prize (1st yr. Dentistry)** Donald Garth Woodside
- Dr. W. H. H. Beckwith Prize (Operative Dentistry)** Edwin Leo Selamasher
- Nova Scotia Dental Association Prizes (3rd yr. Dentistry)** 1st Kathleen Mary Stack
2nd David Kendall Peters
- E'nal B'rith Essay Prize** Charles Orr
- Dr. W. C. Oaner Prize (Crown and Bridge)** Eric James Whyte, B.A.
- Dr. Frank Woodbury Memorial Prizes:**
Thesis Carl Edmund Dexter, B.Sc.
Laboratory Carl Edmund Dexter, B.Sc.
Infirmary Carl Edmund Dexter, B.Sc.
- Modern Dental Laboratory Clinical Prosthetic Prize** Earl Freeman Dexter
- Dr. H. S. Crosby and Dr. J. P. McGuigan Prize (4th yr.)** Eric James Whyte, B.A.
- New Brunswick Dental Association Prize** Douglas Walter Mearns
- New Brunswick Pharmaceutical Society Prize (2nd yr. Pharmacy)** Clarence Morton MacDonald
- Mallinckrodt Chemical Works Ltd. Prize (3rd yr. Pharmacy)** Stanley Malcolm Etter
- Frank Wyeth Horner Medal (3rd yr. Pharmacy)** John Everett Campbell
- National Canadian Drugs Ltd. Gold Medal (Highest Standing Diploma Course)** John Everett Campbell
- Henry K. Wampole and Company Ltd. Entrance Scholarship** David Lloyd George Henley
- The Merck Awards (3rd yr. Pharmacy)** 1st Gordon Stewart Ferguson
2nd John Everett Campbell
- The Charles E. Frost Scholarship (2nd yr. Pharmacy)** Kathleen Kinley
- Frost Proficiency Award (1st yr. Pharmacy)** David Arthur Laughlin

Canadian Foundation for the Advancement of Pharmacy

Douglas Haig Andrews
Hugh Boderek Cameron

W. H. Dennis Prizes:

Joseph Howe Poem—1949	1st	David Lewis Clark Miller
	2nd	Allan Anderson Lomas
James DeMills Essay—1949	1st	Irvine Ira Tingley
	2nd	David Lewis Clark Miller

Wings Club Scholarships:

		Thomas Edwin Belliveau
		Charles Keith Hoyt
First Division		Aubrey Dennesson Hudson
		James Russell McKinsey
		Henry Barton Rhade
		Millan Grant Worthylake
		William Duzona Anderson
		Gordon Wallace Caldwell
		John Benjamin DeWolfe
Second Division		Derek Selwyn Griffin
		George Foster Howard
		Lloyd Clifton Johnston
		Donald Hector MacKay
		Donald Gilbert Smith

The Rhodes Scholarship (Nova Scotia).....Peter Harrington, B.A.

PRIZES WON BY GRADUATES

Duke University Fellowship	Louise Harriet Jodrey, B.Sc.
James Gordon MacGregor Memorial Fellowship in Physics	Gerald James Browning Crawford
Massachusetts Institute of Technology (Teaching Fellowship)	Douglas Herbert Rogers, B.Sc.
I.O.D.E. Post-Graduate Overseas Scholarship	Alex Thompson Stewart, B.Sc.
National Research Council Awards: Fellowship (Medical)—	
Biochemistry	Solomon Hirsch, B.Sc.
Dentistry	Daniel Archibald Livingstone, B.Sc.
Medicine	Muriel Jean Ord, B.Sc.
Physics	Anne Hubbard Goss Watts, B.Sc.
Chemistry	Stirling Goldings Whitaker, B.Sc.
Astronomy	Amley Milsard Craft, B.Sc.
Physiology	Allison Hazelhill Gibson, B.A. (M. A.)
Botany	Charles Keith Hoyt
Zoology	Douglas Wilson Wyllie, B.Sc. (U.N.B.)
Bursaries—Chemistry	Ian Haliburton Smith Henderson
	Lloyd Clifton Johnston
	Donald Fraser MacLennan
	Donald Gilbert Smith
	Carmen Lambert Piggott, B.Sc.
	Eileen Stuart Warren
Physiology	

Scholarships awarded by the Director-General of Cultural Relations, Department of the Ministry of Foreign Affairs (Quebec)

Constance Edna Brown, M.A.
Lloyd George Little, B.M.Sc.

STUDENTS REGISTERED—1949-50

Faculty of Arts and Science

Abraham, Alfred Joseph	North Sydney, C. B. Co.
Adams, Fulton James	Charlottetown, P. E. I.
Adams, William Gilbert	St. John's, Nfld.
Adams, John George	New Glasgow, P. S. Co.
Adams, William Murdoch	Halifax
Agrella, Theodor Newlander Chukwobok	Nigeria, B.W.A.
Ahern, Catherine Patricia	Halifax
Aberley, George Charles	(K) Grand Bay, N. B.
Allen, Eric Keith	Halifax
Allen, Margaret Blanche MacLennan	Halifax
Allen, Warren Foster	Grand Falls, Nfld.
Alley, Charles Melville	Charlottetown, P. E. I.
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Alward, Peter Turnbull	Saint John, N. B.
Anderson, Norman Robert	Sherbrooke, Que. Co.
Andrew, Douglas Haig	Halifax
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Anglin, James Gerald	Robesart, N. B.
Anthony, Byron Dennesson	Arncliffe, Hfx. Co.
Arbun, Jack Roy	Howlan, P. E. I.
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Archibald, James Purves	Sydney Mines, C. B. Co.
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Aronoff, Morton	Halifax
Arvon, Gitta	Halifax
Arscott, Joseph Augustin	Halifax
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Atkinson, Andrew Stuart	Dartmouth, Hfx. Co.
Atkinson, Frances Hilda	Halifax
Atta, Rhoda Rose	Moncton, N. B.
Atwood, Walter Roy	Halifax
Babin, James Louis	Shree Point, Yar. Co.
Bagnell, Audrey Veron	Truro, Col. Co.
Bagnell, Kathryn Florence Elizabeth	Halifax
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Baker, Grace Jean	Trenton, Ont.
Baker, Jean Benton	Bedford, Hfx. Co.
Baker, Sally Agnes, B.A. (M. A.)	Dartmouth, Hfx. Co.
Baker, Wallace James	Elliston, Nfld.
Baleon, Bryant Harding	Halifax
Baleon, Donald Robert	Dartmouth, Hfx. Co.
Balcom, Helen Ruth	Truro, Col. Co.
Barnhill, Colin MacDougall, B.A.	Halifax
Bartoux, Donald Ross	Dartmouth, Hfx. Co.
Bateman, Foster Edward	Windsor Junction, Hfx. Co.
Bauid, Eric Gibson	Halifax
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Baxter, Joan Esther	Moncton, N. B.

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Beaulieu, Madeleine Joanne Marie	Halifax
Beaumont, Harold Kay	Halifax
Beckett, Norman Ross	Halifax
Belanger, John	.....	Edmundston, N. B.
Bell, Ronald George	.....	Arnsdale, Hfx. Co.
Bellivans, William Edward	.....	Moncton, N. B.
Bentley, James Lawrence	.....	Halifax
Beran, Andrew	.....	New Waterford, C. B. Co.
Bethune, Helen Carolyn	.....	Halifax
Bethune, Norman Leslie	.....	Baddeck, Vn. Co.
Bethune, William Webster	.....	Halifax
Betts, Donald Drysdale	..... (K)	Wallace, Cumb. Co.
Bianco, Emily Helen	.....	Halifax
Bianco, Woods Evelyn, B.Sc. (Mt. St. V.)	.....	Halifax
Bidwell, Gillian Mary Grafton	..... (K)	Ottawa, Ont.
Bill, Gordon Emerson	.....	Dartmouth, Hfx. Co.
Billard, Lewis Gabriel	..... (K)	Glace Bay, C. B. Co.
Bishop, David	..... (K)	Grand Falls, Nfld.
Bishop, Mary Ruth	.....	St. John's, Nfld.
Bisset, John Douglas	.....	Dalton, N. B.
Black, Robert Borden	.....	Sackville, N. B.
Black, William Marshall	..... (K)	Kentville, Kings Co.
Blackwood, Chasley MacKenzie	.....	St. John's, Nfld.
Blackwood, Herman Samuel	.....	St. John's, Nfld.
Blackley, Betty June	.....	Lorville, N. B.
Blanchard, Joseph Aurele	.....	Bathurst, N. B.
Blight, Robert Bryant	.....	Hillsboro, N. B.
Bloomer, Newcomb Stanley Jacks	.....	Halifax
Boales, Francis Keith	.....	Kentville, Kings Co.
Bonik, Milton	.....	Glace Bay, C. B. Co.
Bonik, Niles	.....	Glace Bay, C. B. Co.
Booth, John Morton, B.Sc.	.....	Sydney, C. B. Co.
Boswell, David MacGregor	.....	Victoria, P. E. I.
Bowhard, Richard David	..... (K)	Barrisdale, Hfx. Co.
Bourbomais, Louis Oscar, B.A. (Man.)	.....	Dartmouth, Hfx. Co.
Bowden, Bruce Lawrence	.....	St. John's, Nfld.
Brown, John Gordon	.....	Halifax
Brown, William Henry	.....	Halifax
Brower, Garfield Kohl	.....	Halifax
Boyd, Harold William	.....	Milford Station, Hants Co.
Boyd, John Marie	Glace Bay, C. B. Co.
Boyer, Roy Clarence	Bristol, N. B.
Brehaat, Willard	Murray Harbour, P. E. I.
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Briggs, Nancy Elizabeth	Halifax
Brown, Douglas Campbell Shaw	Sydney, C. B. Co.
Brown, Elizabeth Fraser, B.A. (Mt. A.)	.....	Sydney, C. B. Co.
Brown, Gregory Vernon	.....	Saint John, N. B.
Brown, James Edward	.....	Halifax
Brown, William Alexander	.....	Sydney, C. B. Co.
Browne, Robert Courtney	.....	Dartmouth, Hfx. Co.
Bruce, Grace Marie	Halifax
Bush, Rodney David	Arnsdale, Hfx. Co.
Burden, Munroe Stephen	St. John's, Nfld.

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Bull, Ralph LeRoy	McAdam, N. B.
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Burchill, Mary Tremaine (K)	South Nelson, N. B.
Burdock, Laurendel Hall (K)	Balderson, Nfld.
Burke, Clayton Raymond	.....	Halifax
Burz, Kenneth Nicholson	.....	North Shields, England
Burnett, Alva Gannog	.....	Bristol, N. B.
Burnell, Victor Frank	.....	Halifax
Burton, William Robert English	.....	Twillingate, Nfld.
Caill, Joan Frances Bernadette	.....	Sydney, C. B. Co.
Cairns, George Walter	.....	Halifax
Caip, Lucille	.....	Saint John, N. B.
Cameron, Hugh Basilford	.....	New Glasgow, P. E. Co.
Cameron, Malcolm Lawrence	.....	Grand Falls, Nfld.
Cameron, Robert John	.....	West Saint John, N. B.
Campbell, George Allan, B.A. M.A.	.....	Halifax
Campbell, Howard Francis	.....	Glace Bay, C. B. Co.
Campbell, Isabel Jane	.....	Halifax
Campbell, Roy Martin	..... (K)	Glace Bay, C. B. Co.
Canning, Michael Raymond	..... (K)	Truro, Col. Co.
Canty, Lloyd William	.....	Dartmouth, Hfx. Co.
Carney, Eleanor Joyce	.....	Halifax
Carson, Carman Garth	..... (K)	Windsor, Hants Co.
Carson, James Wesley	.....	Glace Bay, C. B. Co.
Carter, Alfred Lawrence	.....	Dartmouth, Hfx. Co.
Carver, Hiram Joseph	.....	Baker Settlement, Lun. Co.
Cass, Douglas Matthew, B.A. (St. Mary's)	.....	Halifax
Casta, Athena Douglas, B.A.	.....	Arnsdale, Hfx. Co.
Cato, Valere Mary Joyce	..... (K)	Halifax
Chaotic, Adelard	.....	Edmundston, N. B.
Cheney, Graeme Everett	..... (K)	Saint John, N. B.
Chespevik, Marion Carol	.....	Moncton, N. B.
Chernin, Isaac	.....	Glace Bay, C. B. Co.
Chesley, Arthur Evans	.....	Saint John, N. B.
Chesley, John Cooper	.....	Saint John, N. B.
Chipman, Charles Frederic	.....	Dartmouth, Hfx. Co.
Chipman, David Ritchie	.....	Halifax
Chisholm, Mary Adeline	.....	Springville, P. E. Co.
Chisholm, William Murdoch	.....	Dartmouth, Hfx. Co.
Chittick, Donald Frederick	.....	Fairville, N. B.
Christianson, Jod Junior	.....	Halifax
Christie, Ethel Carolyn	.....	Halifax
Christie, Walter Leslie	.....	Rd. St. Margaret's Bay, Hfx. Co.
Civen, Morton	.....	Brookline, Mass., U. S. A.
Clakane, Thomas Francis	.....	Bedford, Hfx. Co.
Clancy, Douglas Graham	.....	Halifax
Clark, Donald Burbidge	..... (K)	Halifax
Clark, Donald MacQuarrie	.....	Stellarton, P. E. Co.
Clark, George Eric	.....	Halifax
Clarke, Eleanor Elizabeth	.....	Halifax
Clarke, Ritchie Lawrence	.....	Halifax
Clement, Herve Elizabeth Arms	..... (K)	Halifax
Cleveland, Allan Clyde	Averpool, Queens Co.
Cleuston, Ewart Ernest	St. John's, Nfld.

(K) Enrolled at King's College.

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Clauser, Raymond Andrew	Halifax
Cochran, Robert William Alexander	Saint John, N. B.
Cochran, Malcolm Bigelow	Fort Arthur, Ont.
Cody, Douglas Thane	(K) East Riverside, N. B.
Coffin, Natasha	Halifax
Cogswell, Ray	Oromocto, N. B.
Codwell, Kenneth Ross	Hantsport, Hants Co.
Cole, Milford Wright	Clinton, F. E. I.
Coll, Gordon Hurlrich	Ottawa, Ont.
Collis, Margaret Marion	Halifax
Collings, Allan Frederick	Dartmouth, Hfx. Co.
Collins, Robert Arthur	Moncton, N. B.
Collis, Charles Theodore Miller	Hamilton, Bermuda
Connell, William Francis	Halifax
Connely, Charles Edward	Campbellton, N. B.
Connors, John Thomas	St. John's, Nfld.
Conrad, Arthur Wilbert, B.A.	Arundale, Hfx. Co.
Conter, Ralph, B.A.	New Waterford, C. B. Co.
Conway, Jane Theresa	(K) Halifax
Cook, Eric Vernon	(K) Hantschester, Ont.
Cook, Margaret Joan	Bridgewater, Lun. Co.
Cooke, John Edmund	Sydney, C. B. Co.
Cordis, Anne Elizabeth	(K) Halifax
Corkum, Elizabeth Freda	Chester Basin, Lun. Co.
Corkum, Mabel Jane	(K) Bridgewater, Lun. Co.
Cornish, Verns Joyce	Grand Falls, Nfld.
Corsing, Frank Pike	(K) Harrington, Hfx. Co.
Cossins, Elizabeth Anne	Windsor, Hants Co.
Cragg, Geraldine Frances	Halifax
Craig, Margaret	Halifax
Craze, William Leslie	Halifax Island, Nfld.
Critch, Leslie	Beicman's Harbour, Nfld.
Cron, Frederic	Halifax
Crosby, Waldo Barzell	Kingsport, Kings Co.
Cross, Roberts Jeannette	Clareville, Nfld.
Cross, Robert Darwin	(K) Crossstown, Lun. Co.
Cross, Wilfred Rogers	Crossstown, Lun. Co.
Crowther, John William	(K) New Ross, Lun. Co.
Cruikshank, Alfred Gordon, B.Sc., O.M.A.	Yves, Col. Co.
Cruikshank, James William	Sydney, C. B. Co.
Cullens, John Warburton	South Cove, Vic. Co.
Cummings, John Elizabeth	Halifax
Cunningham, Gerard Edward	Woodstock, N. B.
Curran, Alan Hugh	Irish Cove, Hfx. Co.
Curran, Kenneth Craigton	Irish Cove, Hfx. Co.
Currie, Wilfrid Douglas	Bridgewater, Lun. Co.
Cushing, Donald Bruce	Bonford, Hfx. Co.
Cumner, Arthur Edward	(K) Sydney Mines, C. B. Co.
Cyr, Constance Jacqueline	St. Leonard, N. B.
Cyr, Leonide Honore, B.A. (St. F. X.)	Edmundston, N. B.
Cyr, Virginia	Edmundston, N. B.
Dauphinee, Maurice William	Halifax
David, Harvey	New Glasgow, Piz. Co.
Davison, James Carl	Halifax

(K) Enrolled at King's College.

Day, Eric Andrew Hart	Halifax
Day, Gerald	Dildo, Nfld.
de Carteret, Angela Carman	Pelham, New York, U.S.A.
Decker, Wentworth Hume Lewis	Swainsburg, Shel. Co.
Deen, Howard Carl, B.A. (Mts. A.)	Hals, N. B.
Delory, Maurice Eugene	Georgetown, P. E. I.
Demers, John Richard	Halifax
DeMons, Robert Stephen	Dartmouth, Hfx. Co.
Dempsey, Francis Lloyd	Moncton, N. B.
Denham, Jacqueline	(K) Inveroyal, Hfx. Co.
Dent, John Joseph	Dartmouth, Hfx. Co.
Devrie, Marion Lee	Halifax
DeYoung, Roy Francis	Halifax
Dieble, Donald Dale	Halifax
Dickinson, Crestman MacArthur Bruce	New Glasgow, P. E. I.
Dickson, Robert Charles	Newcastle, N. B.
Dielis, Louis Herbert Horatio	Halifax
DiGiminto, Irino Carmilo	Halifax
Doane, Frances Whitman	Halifax
Doane, Warren Frank Stanley	Barrington, Shel. Co.
Doig, Peter Ramsey	Halifax
Donald, Leigh Herbert	Amis, P. E. I.
Downton, Raymond Albert	St. John's, Nfld.
Draker, Avron Ira	Sydney, C. B. Co.
Drummond, Brian Paul	Westmount, Que.
Drysdale, Alan Alastair	Halifax
Dulchinsky, Murray Louis	Revere, Mass., U.S.A.
Dukeshire, Aiden Greenalade	(K) Crossport, Anns. Co.
Duhanty, Ronald Starr	Halifax
Dumasroy, Leila Gertrude Elizabeth	Halifax
Dutot, Charles James	St. John's, Nfld.
Earle, John Alfred Francis, B.A. (St. Mary's)	Rockingham, Hfx. Co.
Edgett, Jason Thomas, B.Sc. (Mt. A.)	Moncton, N. B.
Edison, Givney Murray	Botwood, Nfld.
Edwards, Brian Wakely	St. John's, Nfld.
Egger, Carl Joseph	Chandler, Que.
Egger, Douglas Arthur	Hantsport, Hants Co.
Eliot, George Andrew Thomas	Halifax
Eliott, William Ord	Saint John, N. B.
Ellis, James Eric	Arundale, Hfx. Co.
Ellis, Marvin Joseph Parly	Saint John, N. B.
Ellis, James Beresley	Halifax
Elep, Gordon Harry	Arundale, Hfx. Co.
Embre, James Leonard	Halifax
Emmett, George Edward	Halifax
Epstein, Hans Harold Otto	Bishop's Falls, Nfld.
Epstein, Sidney	St. John's, Nfld.
Erdman, Edgar Fitz Randolph	Richmond, Va., U. S. A.
Esdaile, Gynelle Hard	Granville Beach, Anns. Co.
Ethegny, Louis Michael	Halifax
Everett, Joanne Shirley	Saint John, N. B.
Fancy, Keith Alexander	Arundale, Hfx. Co.
Farly, Paul William	St. John's, Nfld.

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Farmer, Beryl Joyce, L.M.S.	Halifax
Farmer, Marilyn Jean	Halifax
Farquhar, Janet Augusta	Halifax
Fear, Robert MacDougall	Moncton, N. B.
Fewer, Thomas Gregory, LL.B.	Halifax
Fenton, James Bowen	Halifax
Ferguson, Joseph Pierre, B.A. (Sever Heart)	Shells, N. B.
Ferguson, Fergus Alexander Adair, (K)	Weymouth North, Derby Co.
Ferguson, Norman Hugh, B.Sc.	Park Macdon, C. B. Co.
Feld, Isidore Earl	Dartmouth, Hfx. Co.
Fendley, Jean Adele	Stellarton, P.E. Co.
Fendley, Melvin John	Dartmouth, Hfx. Co.
Fendley, Ronald Barclay	Roseville Centre, N. Y., U.S.A.
Ferh, William Charles	Stellarton, P.E. Co.
Fisher, Ernest Harold	Orleans, Ont.
Fisher, George Lemuel	Dartmouth, Hfx. Co.
Fisher, George Lemuel	Turo, Col. Co.
Fisher, Renate Rosemarie	Saint John, N. B.
Fleming, Gwendolyn Holly	Rothsayer, N. B.
Fleming, Keith Grant	Upper Musquodoboit, Hfx. Co.
Flewelling, David Livingstone	Brudenor, Lun. Co.
Foley, Maurice Leo	Halifax
Folker, Fred Whitney	(K) Hantsport, Hants Co.
Fong, Danrno	Halifax
Footo, Arthur Lloyd	Merrigomish, P.E. Co.
Foster, Catherine Viola	Merrigomish, P.E. Co.
Forbes, Charles Healey	Fredericton, N. B.
Forbes, Clive Robert Sydney	Bonavista, Nfld.
Forbes, Edgar William, B.A., M.L.A.	Dartmouth, Hfx. Co.
Forbes, Jessie Ada	Kentmont, Que.
Forbes, Mary Lou	Orleansville, Kings Co.
Forrest, Jack Malcolm	Arichat, Rich. Co.
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Fram, Kenneth Wesley	Halifax
Franklin, Daniel Henderson	Halifax
Fraser, Alistair MacDonald	Windsor, Hants Co.
Fraser, Donald George Daniel	Halifax
Fraser, Gretchen	Halifax
Fraser, Joan Margaret	Saint John, N. B.
Fraser, John James	(K) Trenton, P.E. Co.
Fraser, John Roderick	(K) Turo, Col. Co.
Fraser, Marion Frances	Halifax
Fraser, Murray Judson	Halifax
Fraser, Paul MacGregor	Halifax
Fraser, Robert Clifford	Eureka, P.E. Co.
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Galaux, Joseph Gerald	Wellington, P. E. I.
Galaux, Ulysses Joseph	Moncton, N. B.
Garelsen, Alan Odway	Halifax

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Garth, William Fitzgerald	Halifax
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Gilchrist, Thomas Gray	Toronto, Ont.
Ginley, Anthony Vincent	Anchorage, Camb. Co.
Giovannetti, Louis Elmer	Sydney, C. B. Co.
Givens, Emmanuel John	St. Lucia, B. W. I.
Gleditsing, Douglas Harry	Halifax
Globe, Mitchell Podivoy	Halifax
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Goldburg, Marjorie Lee	Bairburn, N. J., U.S.A.
Goodridge, Noel Herbert Alan	St. John's, Nfld.
Goodwin, Pearl Veronica	Halifax
Goodyear, Terrence Scott	Grand Falls, Nfld.
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Graham, George Malcolm	Parrsboro, Camb. Co.
Graham, John Aubrey	Fox River, Camb. Co.
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Gray, George Henry	Jamaica, B. W. I.
Gray, Lawrence Clive	Halifax
Grayston, Howard Edmund	Halifax
Green, Alan	Halifax
Green, Harold	Springhill, Camb. Co.
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Hagen, Eric	Halifax
Haley, William Walter	Parvise, Hfx. Co.
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Hall, Horace Stanley, B.Sc.	St. John's, Nfld.
Hall, Thomas Harold	Halifax
Hall, Thompson Ericton	Halifax
Hamburg, Elie Harris	Shaw's Bay, C. B. Co.
Hamilton, Roy Oliver	Jamaica, B. W. I.
Hann, Harry Jack	St. John's, Nfld.
Hanna, John Vance	Arnsdale, Hfx. Co.
Hannah, Kenneth Craig	Springhill, Camb. Co.

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Hardy, Judith Irene	Ottawa, Ont.
Hare, Sanford Webster	Halifax
Hares, Gordon Powell	(K) Halifax
Hartor, Malcolm Ford	Halifax
Harrisharan, Cecil Edgar	Georgetown, Br. Guiana
Harrington, Anne Courtney	(K) Fredericton, N. B.
Harrington, Joyce Iona	(K) Halifax
Harris, Alan Vincenzo	Halifax
Harris, Anna Ruth	(K) Halifax
Harris, Arthur Clifford	Halifax
Harris, Donald Sydney	Bellfleur, Hfx. Co.
Harris, Emsy Gordon	(K) Fairview, Hfx. Co.
Harris, Eugene	Glovertown, Nfld.
Harris, James Hugh	Halifax
Hart, Joyce Thomson, B.A.	Halifax
Hartigan, Daniel Ronald	North Sydney, C. B. Co.
Harting, Arthur Charles, B.A.	Halifax
Harvey, Thelma Louise	Baldieck, Vie. Co.
Hart, Margaret Ethelyn	(K) Weymouth, Digby Co.
Havill, Stanley Ernest	Arnsdale, Hfx. Co.
Hayes, Leslie Ann	Arnsdale, Hfx. Co.
Hayman, Ernest Kitchener	(K) St. Stephen, N. B.
Haywood, Jack Hensley	Yarmouth
Hebb, Catherine Ann Odling	Dartmouth, Hfx. Co.
Hebb, Cecil St. Clair	(K) Bridgewater, Lun. Co.
Hebb, Gerald Maynard	Bridgewater, Lun. Co.
Heine, Roland Wallace	Newton, N. B.
Hemson, Clarence Douglas	Liverpool, Queens Co.
Hemming, Cyril George	Woodside, Hfx. Co.
Henderson, James Lyall Scott	Halifax
Henderson, Nancy Elizabeth	Halifax
Hendry, David Lloyd George	Oxford, Camb. Co.
Henshaws, Terje	Chester, Lun. Co.
Hewat, Gretchen Elisabeth	Lunenburg
Hibbert, Kenneth Edward	Halifax
Hicking, Edward Anderson	(K) Sydney, C. B. Co.
Higgins, Lyla Burness	Trenton, Pte. Co.
Higgins, Murray Eugene	Halifax
Hill, Ralph Pitman	Halifax
Hill, Richard Harry Wooding, B.Sc.	Lunenburg
Hills, Edith Esther Hatfield	Tusket, Yar. Co.
Hills, John Edward	Halifax
Hines, Maynard William	East Arlington, Anna. Co.
Hinton, Blair Sutherland	Bathurst, N. B.
Hoffman, Alexander Eli	Montreal, Que.
Hoffman, Phyllis Shirley	Saint John, N. B.
Hogan, Joan Frances	St. John's, Nfld.
Holins, Donald Sutherland	Antigonish, N. B.
Holloway, Eric Harold	Halifax
Holmes, Audrey Joan	Halifax
Holmes, Clarence Courtney	Avonport, Kings Co.
Holmes, Donald Carleton	Windsor, Hants Co.

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Holmes, John David	Sydney, C. B. Co.
Holmes, John Sherman	(K) Halifax
Holt, Kenneth Russell	Saint John, N. B.
Hope, Ida Marcia	Halifax
Hopkins, Frank Benister	Hearts Content, Nfld.
Hopkins, Patricia Ruth	(K) Dartmouth, Hfx. Co.
Horne, David Cecil, B.Sc., B.Ed., (Aemid)	Halifax
Horne, Floyd Keith	Dartmouth, Hfx. Co.
Horne, Gloria Mary Ann	Moncton, N. B.
Howard, John Edward	Halifax
Howard, Cecil Douglas	Halifax
Horse, George Wilton	Crosspond, Nfld.
Hort, Peter Pakenham	(K) Redford, N. B.
Hubble, Earle Alexander	Halifax
Hubble, Owen Gleason	Halifax
Huselin, William Stuart	Saint John, N. B.
Hughes, Arthur Blash	Saint John, N. B.
Hughes, Walter Keating Vincent	Fairview, Hfx. Co.
Humphrey, Donald Curtis	Moncton, N. B.
Huntington, Beverley Joan	Sydney, C. B. Co.
Hutchinson, Michael Obinili	Nigeria, W. A.
Infer, Steadman Herbert	Springvale, Nfld.
Inglis, Frederick Graham	Halifax
Inglis, Robert Douglas	Halifax
Ingram, William Eric	(K) Louisburg, C. B. Co.
Innes, Leona Carver	Halifax
Irwin, Bruce Grandy	Shelburne
Jack, William Hugh	Sydney, C. B. Co.
Jacobs, Warren	New York, U. S. A.
James, Ronald Lloyd Boswell	Fairfield, Conn., U. S. A.
Jamieson, William David	Halifax
James, Alan William	Grand Falls, Nfld.
Jarman, David Thomas	Halifax
Jardine, David Rastelard	Charlottetown, P. E. I.
Jelton, Clifford Edwin	Halifax
Jefferson, Barbara Scott	(K) Halifax
Jefferson, Philip Clarke	(K) Halifax
Jenkins, John Charles	New Glasgow, Pte. Co.
Jennings, Douglas Reid	Middle Musquodoboit, Hfx. Co.
Jensen, Roy Stanley Kitchener	Bellisran, Nfld.
John, William Albert Charles	Musquodoboit Harbour, Hfx. Co.
Johnson, Douglas Henry	Halifax
Johnson, James Arthur	Dartmouth, Hfx. Co.
Johnson, Millard Finlay	Jennings, B. W. I.
Johnston, Charles Robert	(K) Halifax
Johnstone, Robert Merrill	Glace Bay, C. B. Co.
Jones, Nancy Madeline Claire	(K) Halifax
Jones, William Laurence	Saint John, N. B.
Juhns, Frances Gertrude	Halifax
Kane, John Hugh	Cody's, N. B.
Kaplansky, Elia	Saint John, N. B.
Katz, Carolyn	Radburn, N. J., U. S. A.

(K) Enrolled at King's College.

Kay, Harold Arthur	(K) Yarmouth
Keen, Donald Abram	St. John's, Nfld.
Keen, William Nyles	Jordan Bay, Shof. Co.
Keefe, Roy Gilpin	Glace Bay, C. B. Co.
Kewler, Bernard Thompson	Dartmouth, Hfx. Co.
Keizer, Ramsey MacDermid	Halifax
Kelley, Dufford Greenfield	River Hebert, Camb. Co.
Kelly, Allison Carmen	(K) Saint John, N. B.
Kelly, Douglas Harold Alexander	Halifax
Kelly, Thomas William	Dartmouth, Hfx. Co.
Kenedy, James Gordon	Halifax
Kenedy, Jane Reith	(K) Edmundston, N. B.
Kennedy, William Russell	Truro, Col. Co.
Kent, Kirby Naak	Truro, Col. Co.
Kerway, Ross Wallace	Halifax
Kerr, George Rodrick	Halifax
Kerr, Marion Gordon	Hilford, Hants Co.
Kimball, Roy Edward	Halifax
King, Arthur Clyde Elford	Fortune Bay, Nfld.
King, Barbara Connors	Halifax
King, Charles Edwin	Fortune Bay, Nfld.
Kingbury, Herbert Clarence	Halifax
Kinley, Cecil Edwin	Halifax
Kinley, Kathleen	Halifax
Klymkiv, Maria	Halifax
Knight, Edmund James, B.Sc. (St. P.X.)	Halifax
Knight, Robert Cameron	Halifax
Knowles, Ronald James	Paraburo, Camb. Co.
Kohn, Harvard Brown	Burlington, Ont.
Korrey, James Salem	(K) Charlottetown, P. E. I.
Koven, Natalie Esther	Grand Falls, N. B.
Laba, George Paul	Halifax
Laird, Frederick Coughlin	Halifax
Lajtha, Miles	Halifax
Lambson, Gregory Anthanasios	Charlottetown, P. E. I.
Lamont, Lawrence James, B.Sc.	Dartmouth, Hfx. Co.
Lane, Eric Melish	Windsor, Hants Co.
Lanpley, Lewis Herbert	Dartmouth, Hfx. Co.
Lapides, Frederick Joseph	Sydney, C. B. Co.
Laurin, David Arthur	St. Stephen, N. B.
Lawley, James Gordon	Glace Bay, C. B. Co.
Lawrence, James Alexander	St. John's, Nfld.
Lawrence, Joan Maureen, B.A.	Dartmouth, Hfx. Co.
Lawson, Edwin Archibald	Metron, Guys. Co.
Leffler, Irving	New York, U. S. A.
Leith, Edwina Grace	St. John's, Nfld.
Leith, Marjorie Lois, B.Sc. (McGill)	St. John's, Nfld.
Lenzertson, David Bayzo	(K) Truro, Col. Co.
Leonard, Harry MacLean	Sydney, C. B. Co.
LePage, Gertrude Elizabeth	Cambridge, N. B.
Leslie, Bradford Scott	Kentville, Kings Co.
Leslie, Marjorie Elizabeth	Halifax
Leslie, William Bliss	Halifax
Lesser, Arthur Leonard	Saint John, N. B.

(K) Enrolled at King's College.

Levine, Joseph David	Saint John, N. B.
Levine, Martin	Saint John, N. B.
Levison, Joseph Yehudi	Halifax
Lewis, Charles Chesterfield	Great Village, Col. Co.
Lewis, Ronald Curtis	Five Islands, Col. Co.
Lester, Emerson James	Halifax
Livingstone, Betty Ruth	Halifax
Lodge, Olive Grace	Amherst, Camb. Co.
Logan, Caroline Ann	Halifax
Lolmes, Barbara Helen	Halifax
Lourey, Barbara Joan	Halifax
Lovell, Margaret Naomi	West Waterford, C. B. Co.
Love, George Harry	Dartmouth, Hfx. Co.
Ludlow, Ned Oake	Fogo, Nfld.
Luzar, Robert David Faraday	Sedford, Hfx. Co.
Lund, Shirley Roberts, B.A.	Dartmouth, Hfx. Co.
Lutwick, Gerald Douglas	(K) Saint John, N. B.
Lynch, William	Wallace, Camb. Co.
Lynch, John Edward, B.A. (St. Mary's)	Halifax
Lynck, Stanley Everett	Reserve, C. B. Co.
MacArthur, Welford Graham	Pictou
Macaulay, James Archibald	Orawa, Ont.
MacAulay, Rodrick Alexander, B.A.	Glace Bay, C. B. Co.
MacBride, Robert David	Chester, Lun. Co.
MacBurnie, Roydon John	Five Islands, Col. Co.
MacCallum, Cecil Lloyd	Truro, Col. Co.
MacCara, Charles Edson	Sealhorn, Pis. Co.
MacCarthy, Edward Erskine	Truro, Col. Co.
MacCarthy, Maira Lynn	Moncton, N. B.
MacCough, Barbara Jean	Halifax
MacCormack, Ronald Bernard	St. George's, P. E. I.
MacCoy, Gordon Hithis	Sydney, C. B. Co.
MacCoy, Marion Shirley	Windsor, Hants Co.
MacCulloch, Ian Leslie	Westmount, Que.
MacCulloch, Robert Sydney	Westmount, Que.
MacCurdy, Adams G. Archibald	Old Barns, Col. Co.
MacCurdy, David Harold	Caldwell, N. J., U. S. A.
MacCurdy, Gerald Lewis	Caldwell, N. J., U. S. A.
MacCurdy, Joan Douglas	(K) Halifax
MacCurdy, Joan Elizabeth	Caldwell, N. J., U. S. A.
MacCurdy, Marion Laura	Old Barns, Col. Co.
McDermald, Ian Christie	Halifax
McDonald, Andrew Martin	Westville, Pis. Co.
McDonald, Arthur Alexander	Halifax
McDonald, Beatrice Stoddard	Liverpool, Queen's Co.
McDonald, Charles Albert	Galbraith, C. B. Co.
McDonald, Clarence Morton	Sunny Brae, N. B.
MacDonald, Coline Foley	Halifax
MacDonald, Donald James	(K) Glace Bay, C. B. Co.
MacDonald, Dorothy Irene	(K) Glace Bay, C. B. Co.
MacDonald, Eileen, B.A.	Halifax
MacDonald, Elmer Joseph	(K) New Waterford, C. B. Co.
MacDonald, Frank Ian	Boularderie, C. B. Co.
MacDonald, Gordon Alexander	Florence, C. B. Co.

(K) Enrolled at King's College.

MacDonald, Jean Elizabeth	Sunny Brae, P. E. Co.
MacDonald, Jessie Gwyneth	Sydney, C. B. Co.
MacDonald, John Randolph Archibald	Halifax
MacDonald, Joyce Elizabeth	Halifax
MacDonald, Judith Claire, B.A. (Amhd)	Barrenmouth, Hf. Co.
MacDonald, Lloyd Erwin	(K) Halifax
MacDonald, Peter Stewart	(K) Sydney, C. B. Co.
MacDonald, Rhona Gordon	(K) Sydney, C. B. Co.
MacDonald, Sheila Margaret	Saint John, N. B.
MacDougall, Donald Corbett	Kentville, Kings Co.
MacDougall, James LeRoy	Charlottetown, P. E. I.
MacDougall, Robert Michael	Halifax
MacEACHERN, Ernest	(K) Truro, Col. Co.
MacEwan, James William	Halifax
MacEwan, Hilda Doreen	Lezard Creek, P. E. I.
MacFarlane, Howard Vaughan	Sherbrooke, P. E. I.
MacFarlane, Joan Mackie	Montreal, Que.
MacFarlane, William South	Harrington, P. E. I.
MacGee, Barbara Rae	Halifax
MacGraw, Mary Catherine	Lottery, N. B.
MacGraw, Donald MacKenzie	Mapleton, Camb. Co.
MacGraw, Robert Malcolm	Lyon's Brook, P. E. Co.
MacGraw, Alan Wallace, B.A.	Halifax
MacGraw, Charles William	Halifax
MacGraw, Kenneth Ross	Owen Sound, Ont.
MacGraw, Marilyn Anne Heather	Halifax
MacIntyre, William Sutherland	Montague, P. E. I.
MacKay, Alexander Baldo, M.Sc.	Halifax
MacKay, Douglas Campbell	Lottery, N. B.
MacKay, Geneva Elaine	Nappan, Camb. Co.
MacKay, James Angus	Halifax
MacKay, Ralph Chapman	Saint John, N. B.
MacKay, William Alexander	Grand Ferry, Bish. Co.
MacKay, William Andrew	Ottawa, Ont.
MacKeay, Arlington	Leicester, Que.
MacKeay, Christine	Halifax
MacKeay, John Stewart	Lottery, N. B.
MacKeay, Judith Tyler	Halifax
MacKenna, Kevin John	Kelly's Cross, P. E. I.
MacKenna, Arthur Robert	Bedford, P. E. Co.
MacKenna, Carl Russell	Halifax
MacKenna, Kenneth Colin	Halifax
MacKenna, Ronald Archibald	Halifax
MacKegan, Ida Mary	Danville, C. B. Co.
MacKibbin, Howard Alan	(K) Sydney, C. B. Co.
MacKinnon, Arnold William	Truro, Col. Co.
MacKinnon, Heather Stevens	Bedford, Hf. Co.
MacKintosh, James Bryson	Glens Bay, C. B. Co.
MacLachlan, Elaine Joyce	Sydney, C. B. Co.
MacLachlan, George Duncan	Sydney, C. B. Co.
MacLaren, Margot Isobel	Halifax
MacLaurie, Sheila Faye	Fredericton, Que.
MacLaughlin, Olive Winwood	Grand Manan, N. B.
MacLean, Angus Windsor	(K) Saint John, N. B.
MacLean, Anne Irene	Black's Harbour, N. B.

(K) Enrolled at King's College.

MacLean, Gay Robertson	Sydney, C. B. Co.
MacLean, Ian MacKenzie	New Waterford, C. B. Co.
MacLean, Joan Isabel	Black's Harbour, N. B.
MacLean, John Hector	North Sydney, C. B. Co.
MacLean, Kenneth Smith	B. R. No. 2, P. E. Co.
MacLean, Malcolm Munro	Halifax, Hf. Co.
MacLean, Marjory Jean	Prince, C. B. Co.
MacLennan, Philip Wilfrid Alan	Bedfordmouth, Hf. Co.
MacLennan, Samuel Robert	Truro, Col. Co.
MacLeod, Donald Elsworth	Halifax
MacLeod, Donald Griffin	Halifax
MacLeod, Donald Fulman	Inverness
MacLeod, George Adams	Charlton, P. E. Co.
MacLeod, Hugh Stuart	Wentville, P. E. Co.
MacLeod, Jean Marion	Halifax
MacLeod, John Marjorie	Halifax
MacLeod, John Thomas	Halifax
MacLeod, Oliver Ronald	Halifax
MacLeod, Thomas Ronald	Barre, Ont.
MacLeod, William Angus	Santa Sotera, C. B. Co.
MacMahon, Albert Harold	Aylsford, Kings Co.
MacMahon, Donald Arthur	Bedfordmouth, Hf. Co.
MacMahon, Moran Francis	Newcastle, N. B.
MacMillan, Constance Marilyn	Bedford, Vie. Co.
MacMurtry, James Gordon	Halifax
MacNaughton, Lee Malcolm	Brooklyn, Queens Co.
MacNaughton, Stewart Alfred	Bedford, P. E. Co.
MacNeil, Amelia Victoria	Dorchester, C. B. Co.
MacNeil, Robert Bookerswain Wain	Ottawa, Ont.
MacNisbet, Elizabeth Rose	Halifax
MacPherson, John Murray	(K) Sydney, C. B. Co.
MacPherson, William James	Camplishon, N. B.
MacQuarrie, Charles Malcolm	Truro, Col. Co.
MacQuarrie, Donald Louis	Hampton, P. E. I.
MacQuinn, Alex Parker	Halifax
MacQuinn, John Robert	Halifax
MacRae, Donald Craig	Moncton, N. B.
MacRae, William MacLean	(K) Halifax
MacRobbie, Harry Alexander	Lucky Lake, Sask.
MacRae, Cecily Anne	Halifax
Macrae, Sallie Sproston	Trinidad, B. W. I.
MacRae, James Wendell	Halifax
MacRae, Ellen Jennie	Leonids, P. E. Co.
MacRae, James John	Yarmouth
MacRae, Murray Earl	Halifax
Macrae, William Henry	Sydney, C. B. Co.
Macrae, Samuel Irving	Saint John, N. B.
Macrae, Peter	Halifax
Macrae, Helen Emma Mae	Halifax
Macrae, Alan Hamilton	(K) Halifax
Macrae, Ann Mathison	(K) Halifax
Macrae, Arthur Herbert	Halifax
Macrae, Ernest Richard	Halifax
Macrae, Max	Glens Bay, C. B. Co.

(K) Enrolled at King's College.

Marshall, William Edward	(K) Springfield, Anna, Co.
Martens, Elizabeth Grace, B.A. (Mt. A.)	Pass River, Col. Co.
Martin, Jean Estelle	Halifax
Matheson, Joel Rand	Moncton, N. B.
Mathews, Clifford James	(K) Sydney Mines, C. B. Co.
Mattison, George Douglas	Halifax
Mattocks, Kenneth Randall	Halifax
May, Jack Raymond	McAdam, N. B.
Maynard, George Richard	Halifax
Monger, Nicholas Patrick Joseph, B.Sc.	Halifax
Moscher, Thomas Francis	Bedford, Hfx. Co.
Medlock, Ralph Marvin	Halifax
Muckle, Lola Mae	(K) Halifax
Merrick, Crystal Jean	Halifax
Merrick, Elizabeth Anora	Halifax
Messenger, Norma Edith	Amherst, Camb. Co.
Messinger, Ronald Grant	Halifax, Anna, Co.
Miller, David Lewis Clark	Saint John, N. B.
Miller, George Young	Saint John's, Nfld.
Mills, Thomas Reginald	Trinity Bay, Nfld.
Milne, Seaton Bennett	Glace Bay, C. B. Co.
Mingo, Carl Welsh	New Glasgow, Pic. Co.
Minta, Rita Helen	Halifax
Misner, William Stephen	Dartmouth, Hfx. Co.
Mitchell, George MacGregor	Halifax
Mitchell, Jean Mary	Halifax
Mitchell, Reginald St. Clair, M.A. (Tor.)	Sydney, C. B. Co.
Moir, Carmen Frederick	Dartmouth, Hfx. Co.
Moir, John David	(K) Saint John, N. B.
Moir, Lloyd David	Dartmouth, Hfx. Co.
Moir, Louis Edward	Dartmouth, Hfx. Co.
Moraghan, Cecilia Irene	Halifax
Morahan, Hugh Virgil	Sydney, C. B. Co.
Moses, Carmen Susanna	Dartmouth, Hfx. Co.
Moses, David Russell	Albion, P. E. I.
Moses, John Davison	Halifax
Moses, Philip Henderson	Stubensavage, Hants Co.
Moses, William John	(K) Codroy, Nfld.
Moura, Vasco Henrique da Silva	St. John's, Nfld.
Morgan, David Irwin	Ottawa, Ont.
Morgan, Eric David	(K) St. John's, Nfld.
Morgan, Lockhart Wilbert	Halifax
Morgan, Mildred Jean	Hantsport, Hants Co.
Morris, Robert Des Brisay	(K) Charlottetown, P. E. I.
Morrison, Gilbert Bruce	Halifax
Morrison, Kenneth Allan	Loch Lomond, Rich. Co.
Morrison, Roddie MacLeod	Glace Bay, Hfx. Co.
Mossley, John Frederic Bourne	Halifax
Mosher, Darrell Richard	Oxford, Camb. Co.
Mosher, Eric David	Tatamagouche, Col. Co.
Mosher, George Bedford	Halifax
Munro, Allen Thomas, B.A. (Mt. A.)	North Sydney, C. B. Co.
Munro, Ross Scott	North Sydney, C. B. Co.
Munroe, John Austin	(K) Woodside, Hfx. Co.

(K) Enrolled at King's College.

Murchie, Douglas Darrell	St. Stephen, N. B.
Murphy, Arthur Reid	Liverpool, Queens Co.
Murphy, Robert Stewart	(K) Summerside, P. E. I.
Murphy, Stanley Stewart	Pass River, Col. Co.
Murphy, William McCurdy	Liverpool, Queens Co.
Murray, Barbara Anne	Halifax
Murray, John Robert	Earlton, Col. Co.
Murray, Kathryn Dean	Halifax
Murray, Nola Olive	Dartmouth, Hfx. Co.
Myall, Laurie William, B.A. (St. Mary's)	Halifax
Myers, Eric Kemp	South Woodside, Hfx. Co.
Nathanson, Doreen Miriam	Glace Bay, C.B. Co.
Naugle, Faye Barbara	Woodside, Hfx. Co.
Neish, Donald Arthur	(K) Petite Riviere, Lun. Co.
Nelson, Renslon Ellsworth	Brookfield, Col. Co.
Nelson, George Husby	Aylsford, Kings Co.
Nelson, Gerald Ernest	Tasquier, Hfx. Co.
Nelson, Warren Henry	(K) Toronto, Ont.
Nesbitt, James Albert	(K) Edmundston, N. B.
Newcombe, Lloyd Kenneth	Buctouche, N. B.
Newman, Frank	Halifax
Newman, Sophia	Sydney, C. B. Co.
Nichols, Edward George	Halifax
Nichols, Lawson Blair	Aylsford, Kings Co.
Nichols, Margaret Kipland	Halifax
Nicholson, Elva Wynne	(K) St. Stephen, N. B.
Nicholson, Joan Annis	Halifax
Nicholson, Winifred Mary, B.A.	Dartmouth, Hfx. Co.
Niskerson, Kenneth Stanford	(K) Dartmouth, Hfx. Co.
Nisolle, Donald Everett	(K) Halifax
Nielsen, Erik Hemholt	Dartmouth, Hfx. Co.
Nightingale, Laurie Atherton	Halifax
Noble, Robert Vance	Carleton Place, N. B.
Nodis, Dora Betty	Springhill, Camb. Co.
Noles, Albene Mary	Dartmouth, Hfx. Co.
Norman, Charlotte Marie	Halifax
Oakley, Neil Marsh	Halifax
O'Brien, John Bentley	Halifax
O'Halloran, Dominic Joseph, B.A. (St. F. N.S.)	Sydney, C. B. Co.
O'Keefe, James Ethelbert	Sydney, C. B. Co.
O'Neil, Barbara Caroline, B.A. (Tor.)	Halifax
O'Neil, Thomas Bernard	Quebec
Omond, George Everett	Dartmouth, Hfx. Co.
Orr, Leonard Herman	Port Greville, Camb. Co.
Osborne, Robert Gordon	Amndale, Hfx. Co.
Otto, Harold Howard	Dartmouth, Hfx. Co.
Pace, Leonard Lawson	Glen Margaret, Hfx. Co.
Padin, Eduardo Ferreras	San Miguel, Spain
Palmeter, Ian Harold Morton	Halifax
Parker, Anne Louise	Liverpool, Queens Co.
Parker, David Bernard	Yarmouth

(K) Enrolled at King's College.

Parker, Diane Louise	Borwick, Kings Co.
Parker, George William	(K) Newport, Hants Co.
Parker, John Bettie Eugene	Halifax
Parker, Katherine Christine	Stellarton, P. Co.
Parkin, Robert Edmund	Pettitodah, N. B.
Parks, Maloula Gordon	Pelvic Rivers, Lun. Co.
Parsons, Melvin Leon	Cambridge, Mass., U. S. A.
Parsons, Stanley George	Hemitage, Nfld.
Paterson, Isobel Jane	Dartmouth, Hfx. Co.
Paterson, Jess Elizabeth, B.A.	Dartmouth, Hfx. Co.
Paton, Saul David	Halifax
Pauly, John Scott	Halifax
Pavin, Robert	Montreal, Que.
Peach, James Edward	Halifax
Pearson, Stanley Arthur	Truro, Col. Co.
Peckham, Anne Elizabeth	Halifax
Peers, Vernon June	Dartmouth, Hfx. Co.
Pendle, Yvette Simons	Halifax
Penny, Samuel Carter	Sydney, C. B. Co.
Peters, Howard Roy	Springdale, Nfld.
Peterson, William Michael	Melville, Sask.
Petrie, Elizabeth Helena	Rothsay, N. B.
Petrie, Franklin Roy	Grand Falls, Nfld.
Petrie, John Alfred	Charlton, N. B.
Pevenil, Margaret Agnes	Halifax
Pierce, Gordon Francis	Halifax
Perry, Leon Lamont	Barbados, B. W. I.
Pill, Thomas Konstant	Bell Island, Nfld.
Pois, Cyril Francis	Pelly's Island, Nfld.
Porter, Hector Melness	Westmount, Que.
Porter, Lawrence Tupper	St. Andrews East, Que.
Poshill, Stratos Peter	Halifax
Power, Audrey Ann	Sydney, C. B. Co.
Power, Peter Madelin	(K) Sydney, C. B. Co.
Power, Thomas Aquinas, B.A. (St. Mary's)	Halifax
Prestice, Wilbert George	Springhill, Cumb. Co.
Prosserfoot, James Albert	Inverness
Prowse, Natalie June	Glace Bay, C. B. Co.
Quigley, Barbara Ann	Halifax
Rae, John Milton	West Branch, P. Co.
Rafuse, Edward William	Bridgewater, Lun. Co.
Rafuse, Jack Prince	Halifax
Ramsay, Cyril Ian	Trinidad, B. W. I.
Ramsay, David Ernest	Trinidad, B. W. I.
Road, Gordon Henry Hale	(K) Ottawa, Ont.
Road, Ronald O'Brien	Halifax
Rosdren, Kenneth Vincent	Halifax
Rovers, John Martin	New Glasgow, P. Co.
Rogan, Gerald Anastas	Windsor, Hants Co.
Reid, Stanley Kenneth	Jamonia, B. W. I.
Rod, William George	Sydney, C. B. Co.
Renault, Aline Rita	Campbellton, N. B.
Reno, Mary Victoria	Halifax

(K) Enrolled at King's College.

Rettie, Mary Isabel	Ottawa, Ont.
Reynolds, Leeland Almon	(K) Queensport, Guys. Co.
Richardson, Marven Eric	Halifax
Richter, Eckart Julius	Halifax
Ring, Allison Weidon	Dartmouth, Hfx. Co.
Ripley, Earl Allison	(K) Sydney, C. B. Co.
Risbey, Gordon Malcolm	Halifax
Ritchie, Marie Ann	Amherst, Cumb. Co.
Robberstad, Melvin Thomas	Halifax
Roberts, Arthur John	Corner Brook, Nfld.
Roberts, Gordon Vernon	Halifax
Roberts, Levenson Henry	(K) Bd. Bay D'Espoir, Nfld.
Robertson, Ian Ross	Sydney, C. B. Co.
Robertson, Janet Riehan	Bridgewater, Lun. Co.
Robertson, Ronald Neil	London, England
Robertson, Walter Strass	Halifax
Robinson, Samuel Bell	Charlottetown, P. E. I.
Rodd, Marjorie Frances	Moncton, N. B.
Rodwell, Douglas Henry	Halifax
Rogers, George Alexander	(K) Halifax
Rogers, Nora Jane	Halifax
Rothman, Ellen Lewin	Bathurst, N. B.
Roscoe, William Kirkpatrick	Halifax
Ross, Reginald Charles	Halifax
Ross, Harry Townsend	(K) New Glasgow, P. Co.
Ross, John William	The Pointe, Rich. Co.
Ross, Robert Bruce	(K) Sydney, C. B. Co.
Rountree, Seddon Vibert	Verdun, Que.
Roux, John Francis	Halifax
Roy, Edith Alta	Stellarton, P. Co.
Roy, Gordon Seaforth	Westville, P. Co.
Rubin, Edwin	Halifax
Russell, Isabel Craig	Glace Bay, C. B. Co.
Russell, Lloyd Clinton	Fairview, Hfx. Co.
Ryan, Francis John James	Halifax
Sabeau, Harold Burgess	New Tuxedo, Digby Co.
Sadobsky, Dolores Phyllis	Sydney, C. B. Co.
Sanders, Roland Charles	(K) St. Stephen, N. B.
Saranos, Douglas Lawson	Arncliffe, Hfx. Co.
Saunders, Michael Albert	(K) Hillsborough, N. B.
Saunders, Reginald Oliver	Lansburg
Saviouski, Joseph Edward	Sydney Mines, C. B. Co.
Saxrey, John Bernal, B.A.	Halifax
Schleier, Donald Jack	Halifax
Schleier, Ruth Anne	Moncton, N. B.
Schwarz, Gordon Ivan	(K) Lunenburg
Schwartz, Jack	Brooklyn, N. Y., U. S. A.
Schwartz, Elton Deena	Halifax
Schwartz, William Edwin	Prize's Lodge, Hfx. Co.
Scobie, Thomas David	Sydney, C. B. Co.
Seary, Harry Lawrence	Charlottetown, P. E. I.
Sedra, Peter Theodor	Halifax
Seeger, Moyra Elizabeth Neale	Halifax
Seeley, Willa Jean	Hamilton, Bermuda
Seely, Charles Ansley	Harpton Station, N. B.

(K) Enrolled at King's College.

Semple, Ernest Roy	Sydney, C. B. Co.
Sewell, Roy	Halifax
Shand, Harold St. Clair	Woodside, Hfx. Co.
Shane, Aubrey Murray	Yarmouth
Shane, Elmer	Halifax
Sharpe, Hazel Ruth	Basin River, Col. Co.
Shatford, Donald Everett	Halifax
Shaw, Donald Murray	Sydney, C. B. Co.
Shaw, Ralph Amie	Sydney, C. B. Co.
Sheppard, Doreen Weeks	Martin's Point, Lun. Co.
Shoeman, Ian Alexander Norman	Halifax
Shields, Helen Freda, B.A.	Halifax
Shields, John Walker	Westmouth, Hfx. Co.
Short, Kenneth William	Bedford, Hfx. Co.
Short, Robert Blakemey	Bedford, Hfx. Co.
Simpson, Aaita Mae Joan	Sydney, C. B. Co.
Simpson, Frances Doreen	Dalhousie, N. B.
Sinclair, Janet Ann	New Glasgow, Piz. Co.
Sinclair, John George	Halifax
Sinclair, William Ernest	Halifax
Sireon, George Robert Churchill	(K) Halifax
Sjölund, William Murray	(K) Halifax
Skinner, William James	(K) Sydney, C. B. Co.
Slater, Joseph Garfield	Westville, Piz. Co.
Slipp, Robert Munro	Woodstock, N. B.
Smallman, John Alpheus	Suningside, P. E. I.
Smeltzer, Joseph Arthur	Dawsonsgate, Lun. Co.
Smith, Albert Martin	Halifax
Smith, Alice Raymond	Trinity Bay, Nfld.
Smith, Barbara Roberts	Charlottetown, P. E. I.
Smith, Chester Blaine	(K) Windsor, Hants Co.
Smith, Craigie Cameron	Halifax
Smith, Donald Morton	(K) Liverpool, Queens Co.
Smith, Donald Ross	Halifax
Smith, Earl Reginald	(K) Sydney, C. B. Co.
Smith, Earle Marshall	Halifax
Smith, Frances Brecken	(K) Halifax
Smith, George Donald	Dorchester, N. B.
Smith, George Robertson	Halifax
Smith, Herbert Lloyd	Campbellton, N. B.
Smith, James Tobin	Halifax
Smith, John Arnold	Halifax, Hants Co.
Smith, Norman Sayler	Halifax
Smith, Robert Alexander	Westmount, Que.
Smith, William Harold	Saint John, N. B.
Smith, William Joseph	Halifax
Smyth, Audrey Clare	(K) Halifax
Smyth, Robert Dunlop	(K) Quebec
Snow, Arthur Clusney	(K) Halifax
Snow, David Allison	Halifax
Snow, Helen Louise	Port Wade, Anna. Co.
Snow, James Timothy	Diagwall, Vic. Co.
Snow, Lewis	Bay Roberts, Nfld.
Snow, Walter Woodworth	Barrington Passage, Shel. Co.
Soberman, Daniel Allan	Halifax

(K) Enrolled at King's College.

Sober, David Frank	Stellarton, Piz. Co.
Somers, Claire French	Suningside, P. E. I.
Spavold, Stanley William	New Tuscot, Digby Co.
Spear, Arthur John	Yarmouth
Sproule, Hugh Douglas	Kingston, Ont.
Stacey, Thomas Howard	Halifax
Stairs, Elizabeth Ida	Halifax
Stairs, James Patrick Aylward	Halifax
Stack, David Edward	Fairville, N. B.
Stevens, Ada Snow	Levisville, N. B.
Stevens, Harold Frederick Gardner	Halifax
Stevenson, Eibert Andrew	Sydney, C. B. Co.
Stevenson, Margaret Anne	St. Catharines, Ont.
Stewart, Donald Keith Robert, B.Sc.	Halifax
Stewart, John Angus	Halifax
Stoddard, Joan Carmen, B.A.	Halifax
Stone, Lloyd Maxwell	Sydney, C. B. Co.
Strochan, William Gibbs	Halifax
Suffly, James Rigns	Halifax
Sutherland, John Hector	Sydney, C. B. Co.
Sutherland, Mary Louise	Bridgewater, Lun. Co.
Sutherland, Frederick Crawford	Halifax
Swan, David Gilroy	Oxford, Camb. Co.
Swan, Freeman Cook	Tatamagouche, Col. Co.
Swan, Matthew Henry	Harvey Station, N. B.
Sweezy, Frances Lorraine	St. John's, Nfld.
Symons, Norah Dorothy	(K) Dartmouth, Hfx. Co.
Tait, James Simpson	Southport, P. E. I.
Tamlyn, Jack Beverly	Moncton, N. B.
Tanco, Solomon MacDonald	Trinidad, B. W. I.
Tanner, Frederick Amos	Bedford, Hfx. Co.
Tanner, Howard Donald	Lunenburg
Taylor, Medford Douglas	Falmouth, Hants Co.
Taylor, Robert MacKenzie	(K) Halifax
Tee, Gloria Jean	(K) Saint John, N. B.
Thomaston, Donald Sponargie	Halifax
Thexton, Anne Elizabeth Malcolm	Bedford, Hfx. Co.
Thomas, Graham McVie	Halifax
Thompson, Betty Corinne	Saint John, N. B.
Thompson, Clarence Rhodes	Jamonia, B. W. I.
Thompson, Garnet Moore	Halifax
Thompson, Leona Audrey	Nine Mile River, Hants Co.
Thompson, Martha Emma	Stellarton, Piz. Co.
Tibbetta, Donald Cleveland	Port Grenville, Camb. Co.
Tibbetta, Theodora Ellerson	Ward's Brook, Camb. Co.
Torrey, Leila Frances	Charlottetown, P. E. I.
Tiller, Harry Leslie	Westville, Nfld.
Tilley, Frances Beth	(K) Barton, Digby Co.
Gwynno-Timothy, Kenneth Rowland	Fairview, Hfx. Co.
Tugley, Clark Richard	Hopewell Hill, N. B.
Tyford, Clara Maxine	St. John's, Nfld.
Tyler, Elizabeth Jean	Yarmouth North
Tolmie, Murray MacEachern	Halifax
Trenblin, William Alfred	Sydney, C. B. Co.

(K) Enrolled at King's College.

Tompkins, Elizabeth Anne.....	Rimouski, Que.
Tracer, George Albert.....	(K) Halifax
Treffler, Marjorie Joyce.....	Stellarton, P.e. Co.
Trenaman, Louis Germaine.....	Halifax
Trivett, Donald Frederick Lancel.....	(K) Sydney, C. B. Co.
Trusman, Whitley Alder.....	(K) Parrboro, Cumb. Co.
Tufts, Gordon Watson.....	Dartmouth, Hfx. Co.
Tufts, Laurie Donald.....	Dartmouth, Hfx. Co.
Tupper, James Aubrey.....	(K) Lunenburg
Turner, Joan Elizabeth.....	Halifax
Urquhart, Howard Donald.....	Parrboro, Cumb. Co.
Urquhart, Mary Elizabeth.....	Parrboro, Cumb. Co.
Van Huskirk, Yvonne Maxine.....	Saint John, N. B.
Veinotte, Mary Elizabeth.....	Bridgewater, Lun. Co.
Veniot, Bernard.....	Bathurst, N. B.
Venthian, Pamela Betty.....	(K) Halifax
Verge, Harold Franklin.....	Bridgewater, Lun. Co.
Verge, Wylie Foster, B.Sc. (Aeadm).....	Bridgewater, Lun. Co.
Verrall, Edith Ann.....	New Bedford, Mass., U. S. A.
Vincent, Hugh Brian.....	Halifax
Vogler, George Bernard.....	Halifax
Waddell, Alfred Ernest.....	Halifax
Waddell, Sylvia Kathleen Anne.....	Halifax
Waddon, Clarence Frederick.....	New Glasgow, P.e. Co.
Walden, Melvyn Hugh.....	Westville, P.e. Co.
Wallace, Douglas Murray.....	Saxton, N. B.
Wallace, Richard Medling.....	Halifax
Wallace, Robert Milton.....	Saxton, N. B.
Wallace, Vernon Bruce, B.A.....	Halifax
Walker, Donald Harvey.....	Halifax
Walker, Donald Henry.....	Arnsdale, Hfx. Co.
Walls, Patricia Bernice.....	(K) Halifax
Walls, Cyril Chester.....	Louisburg, C. B. Co.
Walls, Smith Grant.....	Louisburg, C. B. Co.
Walters, Carol Stanislaus.....	Westville, P.e. Co.
Ward, Donald Russell.....	Halifax
Ware, Lorraine Elizabeth.....	Halifax
Warman, Edith Carmel.....	Bas River Point, N. B.
Warr, Gerald William George.....	Springdale, Nfld.
Warren, Shwens.....	Halifax
Waterhouse, Charles Lonsdale.....	Halifax
Watters, Alexander Stuart.....	(K) Bridgetown, Anns. Co.
Wayling, John Robert.....	New Glasgow, P.e. Co.
Weinberg, Henschel.....	Toronto, Ont.
Weich, Roy Julian.....	Halifax
Weld, Caroline Marguerite.....	Halifax
Weldon, Carl Kinsman.....	Halifax
Weldon, Richard Laurence.....	Port Wells, Hfx. Co.
Wemer, Gerald.....	Glace Bay, C. B. Co.
West, Gerald Lennox.....	Lockhartville, Kings Co.
White, Alberta Vaughan, B.A. (M.L.A.).....	Saxton, N. B.
White, Mary Catherine Carmel.....	Halifax
White, William Bertram.....	Halifax

(K) Resided at King's College.

Whitman, Ruth Elizabeth.....	(K) Bridgetown, Anns. Co.
Whittier, Joyce Marie.....	Halifax
Whitman, Bertram.....	Halifax
Wile, William Henry.....	Bridgewater, Lun. Co.
Wills, Roy Allen.....	Moncton, N. B.
Willet, George Edgar.....	St. John's, Nfld.
Williams, Donald Elmer.....	(K) Saint John, N. B.
Williams, George Lemont.....	North Sydney, C. B. Co.
Williams, Robert Harris.....	Halifax
Williams, Ruth Lorraine.....	(K) New Glasgow, P.e. Co.
Wills, Byron Lester, B.A.....	Halifax
Williston, John Miles.....	Sydney, C. B. Co.
Wills, Roland Oliver.....	Georgetown, British Guiana
Wilson, Eugene Vaughn.....	Springfield, Anns. Co.
Wilson, John Moran Cochran.....	Liverpool, Queens Co.
Wilson, Raymond Willet.....	Lasemb, Guys. Co.
Wilson, Robert Bruce.....	Halifax
Wolman, Robert Leonard.....	Halifax
Wood, Edward Kennison.....	Sackville, N. B.
Wood, Harold Samuel.....	Halifax
Wood, Jessie Carol.....	Sackville, N. B.
Wood, Olive Elizabeth, B.Sc. (M.L.A.).....	Oxford, Cumb. Co.
Woodhead, George Rufus.....	(K) Sydney, C. B. Co.
Woods, Roy Kitchener.....	Halifax
Woolnough, Charles Victor.....	Halifax
Wootton, Georgia Ann.....	Halifax
Wournell, Robert James.....	Tufts Cove, Hfx. Co.
Wright, John Allen.....	Toronto, Ont.
Wright, Percy Allen.....	Halifax
Yates, John Allister.....	Halifax
Yeaslon, Helen Marjorie.....	Truro, Col. Co.
Yess, Rena Evelyn.....	Moncton, N. B.
Young, William Salem.....	Easter Chester, Lun. Co.
Zinck, Charles Robert.....	Halifax
Zwieker, Johanne Elizabeth.....	(K) Lunenburg
Zwieker, Sherman Fenwick Homer.....	Lunenburg

(K) Resided at King's College.

STUDENTS REGISTERED FOR EXAMINATIONS ONLY—1949-50

Allen, A. J.	Pugwash, Cumb. Co.
Anderson, E. W.	Halifax
Atkinson, A. S.	Dartmouth, Hfx. Co.
Baker, K. J.	Halifax
Bates, C. A.	Amherst, Cumb. Co.
Blakey, W.	Douglas, C. B. Co.
Bowering, N.	Cozy's Point, C. B., Nfld.
Brown, H. G.	Halifax
Brown, J. A. G.	Halifax
Campbell, F. C.	Brewishe, Col. Co.
Clarke, J. F.	Malbone Bay, Lun. Co.
Cormier, I. C.	Edmundston, N. B.
Cross, R. L.	Lunenburg
Crowell, Marion R.	Shubenacadie, Hants Co.
Dallien, P. J.	Sydney, C. B. Co.
Devlin, G. R.	Halifax
DeYarnold, Faylla Y.	Dartmouth, Hfx. Co.
Dozette, V. J.	Dartmouth, Hfx. Co.
Dowling, C. J.	Moose Jaw, Sask.
Evans, Diana W.	Halifax
Faulkner, L. F.	Halifax
Ferguson, D. C.	Arundale, Hfx. Co.
Ferguson, S. C.	Weymouth North, Dig. Co.
Fielding, H. W.	Dartmouth, Hfx. Co.
Forbes, Marion E.	Halifax
Fradick, A. J. A.	Halifax
Fraser, M. P.	Halifax
Fraser, H. A.	Halifax
Fraser, George Leslie	Moncton, N. B.
Gillis, Edith A.	Halifax
Grenley, Ethel F.	Halifax
Harling, P. A.	Halifax
Harlow, D. L.	Bridgetown, Anna. Co.
Hattie, J. D.	Kingston, Ont.
Hawkins, G. B.	Truro, Col. Co.
Hodgson, R. W.	N. Woodside, Hfx. Co.
Johnston, D. V. G.	Wassonau, Quebec
Kitchin, Charlotte F.	Stellarton, Pis. Co.
Leonard, G. F.	North Sydney, C. B. Co.
Leventhal, A. J.	Halifax
LeVine, L.	Halifax
Lilly, H. D.	St. John's Nfld.
Logan, D. G.	Truro
McCarthy, W. A.	Truro, Col. Co.
MacDonald, D. W.	Sydney, C. B. Co.
MacDonald, D. A.	Halifax
MacDonald, D. H.	Campbellton, N. B.
MacDonald, D. L.	Halifax
MacDonald, E. A.	Halifax
MacDonald, J. H.	Bedford, Hfx. Co.
McDonald, K. D.	Enfield, Hants Co.
MacDonald, M. R.	Halifax
MacKegan, P. A.	Marion Bridge, C. B. Co.
MacKinnon, Patricia	Fredericton, N. B.
MacLean, W. R.	Summerside, P. E. I.
MacLennan, W. E.	Halifax

McNeil, I. S.	Halifax
Mass, E. J.	Moncton, N. B.
Marles, D. B.	Arundale, Hfx. Co.
Matheson, Elsie M.	Brentwood, Col. Co.
Melvin, R. N.	Halifax
Melie, Yvonne	Halifax
Miller, S. W.	Sandy Cove, Dig. Co.
Mills, P. L.	Halifax
Mitchell, Esther M.	Springhill, Cumb. Co.
Moorhead, J. P.	Fredericton, N. B.
Morrison, J. G.	Halifax
Moulton, Carol	Halifax
Murray, P. J.	Halifax
Nash, D. D.	Halifax
Orlando, F. W.	Halifax
Page, L. J.	Halifax
Parizer, Doreen M.	Stellarton, Pis. Co.
Pears, R. W.	Halifax
Phillips, J. L.	Glace Bay, C. B. Co.
Pomeroy, P. M.	Sydney, C. B. Co.
Ripley, N. R.	Copper Cliff, Ont.
Sawers, Charlotte Lily	Dartmouth, Hfx. Co.
Scott, Vivian	New Glasgow, Pis. Co.
Settle, L. M.	Dartmouth, Hfx. Co.
Shupe, G. K.	Halifax
Skier, G. A.	Halifax
Smith, R. P.	Halifax
Snyder, A. A.	Halifax
St. Helene, D. V.	Halifax
Taylor, Hazel Frances	Yarmouth North
Toussard, C. A.	River Bourgeois, Rich. Co.
Venolt, Nancy R.	Newport, Hants Co.
Vogler, Eveline B.	Halifax
Wade, D. J.	Halifax
Walker, Joan	Halifax
Webster, A. R.	Halifax
Wetmore, Frances E.	Halifax

FACULTY OF GRADUATE STUDIES

Allison, Laurio MacCallum, B.A.	Halifax
Bailey, William Beat, B.Sc. (Aonidia)	St. Andrews, N. B.
Banks, Russell Ewen, B.Sc.	Halifax
Briggsford, Hope Bingham, B.A.	St. Michel de Bellechasse, Que.
Bryne, George Michael, B.Sc. (McGill)	Westmount, Que.
Carroll, John Rogers, B.A.	Halifax
Crawford, Gerald James Hrowning, B.Sc.	St. John's, Nfld.
Croft, Ainley Milward, B.Sc.	Dartmouth, Hfx. Co.
Davison, Wilbert Lloyd, B.Sc.	Truro, Col. Co.
Doser, James Donald, B.Sc.	Halifax
Fincham, Jesse Heloise, B.A.	Port Hawkesbury, Inv. Co.
Fanning, Bryne Lynton, B.Sc. (Aonidia)	Halifax
Fuller, Joan Leslie, B.A., B.Com.	Dartmouth, Hfx. Co.
Genge, David, B.Sc.	St. John's, Nfld.
Gibson, Allison Hemphill, B.A. (Mt. A.)	Debbe, N. B.
Gorelick, Max, B.A. (Mt. A.)	New Waterford, C. B. Co.
Graves, Keith Richard, B.Sc.	Dartmouth, Hfx. Co.
Gay, Earl Frederick, B.A.	Halifax
Hamilton, Herbert Noel, B.A.	Saint John, N. B.
Hayes, Ernest Reginald, B.Sc. (Aonidia)	Ellerslie, P. E. I.
Heighton, Ernest Lloyd, B.Sc.	Pictou
Henderson, Ian Haliburton Smith, B.Sc.	Halifax
Hirle, Walter Head, B.A. (U.B.C.)	Olivet, B. C.
Hoffman, Bernice Deborah, B.Sc.	Saint John, N. B.
Hort, Charles Keith, B.Sc.	North Sydney, C. B. Co.
Johnston, James William Derek, B.Sc.	Halifax
Johnston, Lloyd Clifton, B.Sc.	North Sydney, C. B. Co.
Kaestner, John William, B.Sc. (McGill)	Montreal, Que.
Lampart, Herbert, B.A. B.Sc.	Halifax
Levey, John Patrick, B.Sc. (St. F. X.)	Sydney, C. B. Co.
Livingstone, Daniel Archibald, B.Sc. (McGill)	Halifax
Lucas, Alton Anderson, B.A.	Halifax
McCarthy, Sherburne Graham, B.A.	Halifax
MacIntosh, Alan Wallace, B.A.	Halifax
MacLennan, Donald Fraser, B.Sc.	Sydney, C. B. Co.
MacMillan, Francis Sophus Kåmer, B.Sc.	Charlottetown, P. E. I.
McVittie, John Irving, B.A. (McGill)	Hamilton, Ont.
Mercer, Eric Braswell, B.Sc.	Halifax
Millar, John Chalmers, B.Sc. (U.N.B.)	Centerville, N. B.
Morris, Edmund Leverett, B.A.	Halifax
Nielsen, John David, B.Sc. (Mt. A.)	Halifax
Noel, Thomas Corbin, B.Sc.	St. John's, Nfld.
Nowe, Basil St. Clair, B.Sc.	Lunenburg
Ond, Muriel Jean, B.Sc.	Dartmouth, Hfx. Co.
Pignotti, Carmen Lambert, B.Sc.	Bridgetown, Anns. Co.
Fresutti, Henry Joseph, B.Sc.	Sydney, C. B. Co.
Reid, Albert Richard, B.Sc. (Queens)	North Sydney, C. B. Co.
Ross, James Stephenson, B.Sc.	Halifax
Rutherford, Gordon Lincoln, B.A. (Tor.)	Port Colborne, Ont.
Sawler, Joyce Hesse, B.A.	Bridgewater, Lun. Co.
Shaw, Gerald Clowes, B.Sc.	Harland, N. B.
Shelstad, Kenneth Alvin, B.Sc. (Susk.)	St. Boniface, Man.
Sherrin, William Dudley Leonard, B.Sc.	Charlottetown, P. E. I.

Skoryna, George Anthony	Czechoslovakia, Bratislava
Smith, Clarence Blakney, B.A. (Sir George Wilham)	Shabouadie, Haute Co.
Smith, Donald Gilbert, B.Sc.	Bridgewater, Lun. Co.
Smith, Dorothy Patricia, B.Sc. (Aonidia)	Halifax
Smith, George Alintair Sutherland, B.A.	Sydney, C. B. Co.
Stewart, Donald Keith Robert, B.Sc.	Halifax
Thurgood, Lois Rita, B.A. (Aonidia)	Halifax
Trainer, Gordon Joseph, B.A.	Charlottetown, P. E. I.
Warren, Eldon Stuart, B.Sc.	Lewisville, N. B.
Watts, Anne Hibbard Goss, B.Sc.	Halifax
Webber, Russell Vincent, B.Sc.	Cambridge, Brns. Co.
Wilson, George Alan, B.A.	Dartmouth, Hfx. Co.

FACULTY OF LAW

Third Year

Allan, Vincent Peter	Halifax
Baccorax, Alfred Albert Alois, B.Com.	Portersville, Rich. Co.
Bell, Lewis Alexander	Halifax
Bloemer, Peter Henry Edward	Halifax
Burko, Arehald	Halifax
Caldwell, Allan Lloyd, B.A. (Acadia)	Sydney Mines, C. B. Co.
Chisholm, Skeldon Percy	Kentville, Kings Co.
Clark, Gordon Story	Halifax
Curran, Donald Edward	Halifax
DeLong, Howard Ryan	Sydney, C. B. Co.
Elisworth, Douglas Colville	Dalhousie, N. B.
Fosson, James Earl	Liverpool, Queens Co.
Fitzpatrick, John Anthony	Halifax
Gillis, Allison Macmillan	Charlottetown, P. E. I.
Grant, Ernest Robert	Piston
Grant, William Johnston	Weymouth North, Dig. Co.
Harding, James McKay, B.A. (Acadia)	Shelburne
Hartigan, David Vaughan, B.Sc. (St. F.X.)	Sydney Mines, C. B. Co.
Hicks, Douglas Graeme, B.A. (Mt. A.)	Sydney, C. B. Co.
Hillman, William Arleigh	Sydney, C. B. Co.
James, Kenneth Nat	Halifax
Laughton, Charles VanWyck	Toronto, Ont.
LeBine, Vincent John Guilbert, B.A. (St. Ann's)	Strice Point, Yar. Co.
Levey, Rudolph Stanton	Montreal, N. Y., U. S. A.
Low, Claude Thomas, B.A. (McMaster)	Hamilton, Ont.
Loyal, Robert Hunter, B.Com.	Halifax
McColeugh, John Reginald Gerard	Halifax
MacDonald, Harry Bartholomew	D'Esposito, Rich. Co.
MacDonald, William Chester Stanley	Summerside, P. E. I.
Mcfetridge, Joseph Gerard	Glace Bay, C. B. Co.
Melville, Michael Leo, B.A. (St. F.X.)	Glace Bay, C. B. Co.
Mekinson, Sylvester	Sydney, C. B. Co.
MacLennan, Clarence Hugh	Sydney Mines, C. B. Co.
MacLeod, Robert Graham, B.A. (Acadia)	Charlottetown, P. E. I.
MacPherson, Hugh Joseph, B.A. (St. F.X.)	Halifax
MacPherson, James Chisholm, B.Sc. (St. F.X.)	Halifax
Matthews, Weldon Carruthers	O'Leary, P. E. I.
Moore, Cecil William	Halifax
Morris, Arthur William Rommie	St. John's, Nfld.
Nielson, Erik Herholdt	Dartmouth, Hfx. Co.
O'Brien, John Joseph Gerald, B.A. (Loyola)	Montreal, Que.
Oliver, Hubert Gall	Calgary, Alta.
O'Neill, Thomas Bernard	Quebec
Pearson, Wilham Scott, B.A. (Victoria)	Sernia, Ont.
Reardon, James Donald	Yarmouth
Rogan, Walter Stephen	Windsor, Hants Co.
Robertson, Charles Douglas	Ottawa, Ont.
Robinson, Ralph Frederick	Moncton, N. B.
Ramada, Solomon	New Glasgow, P. E. Co.
Sexton, Stephen Joseph	Sydney, C. B. Co.
Shewell, Brian, B.A.	Halifax

Smith, Linden Marshall	Canning, Kings Co.
Taylor, Kenneth LeRoy	Armadale, Hfx. Co.
Trites, Alan Gern	Sackville, N. B.
Truchart, Earl Walter	West Bay, Rich. Co.
Wallace, Stuart Hubert	Victoria, B. C.
Waterfield, Gordon Sinclair	Dartmouth, Hfx. Co.
Williams, Donald Browne	Halifax

Second Year

Armstrong, Robert Morias, B.A. (Acadia)	Brooklyn, Queens Co.
Baker, John Blake	Stellarton, P. E. Co.
Balcom, Bryant Harding	Halifax
Bishop, Arthur Adelbert, B.A. (Acadia)	Halifax
Brody, Maxwell Walker, B.A. (St. F.X.)	Sydney, C. B. Co.
Hughes, Charles Donno, B.A.	Sydney, C. B. Co.
Caldwell, Ronald Charles, B.A. (Acadia)	Bedford, Hfx. Co.
Campbell, Bert Granville	Windsor, P. E. I.
Clarke, Lorne Otto, B.A.	Malagash, Cumb. Co.
Cochrane, Edward Roy	Halifax
Colborne, Edward Neal, B.A.	Sydney, C. B. Co.
Coles, Gordon Francis, B.A.	Halifax
Connors, John Albert	Halifax
Dowse, Ronald Joseph, B.A. (St. Mary's)	Halifax
Dunn, Jack Newton, B.A. (Toronto)	Toronto, Ont.
Edwards, Louis Bernard	Sydney Mines, C. B. Co.
Frazier, Thomas Hunter	Stellarton, P. E. Co.
Furlong, James Albert	Halifax
Gosnell, Clair Harry	Bathurst, N. B.
Graham, Charles William, B.A. (St. F.X.)	New Aberdeen, C. B. Co.
Harris, Alfred Lionel	Taras Rivers, Que.
Hatherly, Jack Wylie, B.Com.	River Hebert, Cumb. Co.
Hicks, Douglas Graeme, B.A. (Mt. A.)	Sydney, C. B. Co.
Hinton, Kenneth Young, B.A. (U.N.B.)	Bathurst, N. B.
Travis, Robert Stanley, B.A. (Mt. A.)	Dartmouth, Hfx. Co.
Ibsen, Harry Berdon, B.A.	Halifax
Jackson, Harold Francis, B.A. (U.N.B.)	Petitcodiac, N. B.
Jones, Malachi Cornelius Hubert Antonio Marie Joseph	Roskingham, Hfx. Co.
Knight, Donald Arthur, B.A. (Acadia)	Saint John, N. B.
Lee, Paul Albert Joseph	Halifax
Lewis, Kathleen Beryl	Finlay, N. B.
Loucks, George Cecil, B.A. (Queens)	New Brunswick, Ont.
Love, Bishley Bruce, B.A. (Acadia)	New Glasgow, P. E. Co.
Lycous, Joseph Chisholm, B.A. (St. F.X.)	Halifax
MacLain, Arthur Allister	New Glasgow, P. E. Co.
MacDale, Bruce Rossmald	Parsons, Cumb. Co.
Macdonald, Angus Lewis	Halifax
MacDonald, George Bruce	Summerside, P. E. I.
MacDonald, James Arthur	Kentville, Kings Co.
MacKinnon, Hugh Charles	Halifax
MacMillan, John Joseph	Antigonish
McNair, John Caldwell, B.A., M.A. (U.N.B.)	Fredericton, N. B.
Monahan, William, B.Com.	Halifax
Miller, Richard Laurence, B.A. (Mt. A.)	Moncton, N. B.
Morrison, Daniel Bernard	Georgetown, P. E. I.
Murphy, Russell Joseph, B.A. (St. F.X.)	Shediac, N. B.

FACULTY OF LAW

Third Year

Alex, Vincent Peter	Halifax
Baconfax, Alfred Albert Alexis, B.Com.	Parsonsville, Rich. Co.
Bell, Lewis Alexander	Halifax
Bloomer, Peter Henry Edward	Halifax
Burke, Archibald	Halifax
Caldwell, Allan Lloyd, B.A. (Acadia)	Sydney Mines, C. B. Co.
Chisholm, Sheldon Percy	Kentville, Kings Co.
Clark, Gordon Story	Halifax
Curran, Donald Edward	Halifax
DeLong, Howard Ryan	Sydney, C. B. Co.
Ellsworth, Douglas Colville	Dalhousie, N. B.
Fosner, James Earl	Liverpool, Queens Co.
Fitzpatrick, John Anthony	Halifax
Gillis, Allison Macmillan	Charlottetown, P. E. I.
Grant, Ernest Robert	Pictou
Grant, William Johnston	Weymouth North, Dig. Co.
Harding, James McKay, B.A. (Acadia)	Shelburne
Hartigan, David Vaughan, B.Sc. (St. F.X.)	Sydney Mines, C. B. Co.
Hicks, Douglas Grosvenor, B.A. (Mt. A.)	Sydney, C. B. Co.
Hillman, William Arleigh	Sydney, C. B. Co.
James, Kenneth Nat	Halifax
Laughton, Charles VanWyk	Toronto, Ont.
Leahy, Vincent John Guibert, B.A. (St. Ann's)	Staino Point, Yar. Co.
Levy, Rudolph Stanton	Montreal, N. Y., U. S. A.
Low, Claude Thomas, B.A. (McMaster)	Hamilton, Ont.
Lyall, Robert Hunter, B.Com.	Halifax
McCloskey, John Roginald Gerard	Halifax
MacDonald, Harry Berthelmer	D'Esposito, Rich. Co.
MacDonald, William Chester Stanley	Summerside, P. E. I.
McLaryre, Joseph Gerard	Glasgow Bay, C. B. Co.
McLaryre, Michael Leo, B.A. (St. F.X.)	Glasgow Bay, C. B. Co.
McKinnon, Sylvester	Sydney, C. B. Co.
MacLennan, Clarence Hugh	Sydney Mines, C. B. Co.
MacLeod, Robert Graham, B.A. (Acadia)	Charlottetown, P. E. I.
MacPherson, Hugh Joseph, B.A. (St. F.X.)	Halifax
MacPherson, Jean Chisholm, B.Sc. (St. F.X.)	Halifax
Matthews, Weldon Carruthers	O'Leary, P. E. I.
Moore, Cecil William	Halifax
Morris, Arthur William Renno	St. John's, Nfld.
Nelson, Erik Hornselt	Dartmouth, Hfx. Co.
O'Brien, John Joseph Gerald, B.A. (Loyola)	Montreal, Que.
Oliver, Hubert Galt	Calgary, Alta.
O'Neill, Thomas Bernard	Quebec
Pearson, William Scott, B.A. (Victoria)	Sarnia, Ont.
Rosdoun, James Donald	Yarmouth
Regan, Walter Stephan	Windsor, Hants Co.
Robertson, Charles Douglas	Ottawa, Ont.
Robinson, Ralph Frederick	Moncton, N. B.
Samsuel, Solomon	New Glasgow, Pte. Co.
Sexton, Stephen Joseph	Sydney, C. B. Co.
Shorewell, Brian, B.A.	Halifax

Smith, Linden Marshall	Canning, Kings Co.
Taylor, Kenneth LeRoy	Arnsdale, Hfx. Co.
Trites, Alan Gore	Sackville, N. B.
Urguhart, Earl Wallace	West Bay, Rich. Co.
Wallace, Stuart Hubert	Victoria, B. C.
Waterfield, Gordon Sinclair	Dartmouth, Hfx. Co.
Williams, Donald Browne	Halifax

Second Year

Armstrong, Robert Morris, B.A. (Acadia)	Brocklyn, Queens Co.
Baker, John Blake	Stellarton, Pte. Co.
Balcom, Bryant Harding	Halifax
Bishop, Arthur Adelbert, B.A. (Acadia)	Halifax
Brody, Maxwell Walker, B.A. (St. F.X.)	Sydney, C. B. Co.
Burchell, Charles Dennis, B.A.	Sydney, C. B. Co.
Caldwell, Ronald Charles, B.A. (Acadia)	Halifax, Hfx. Co.
Campbell, Bert Granville	Windsor, P. E. I.
Clarke, Lorne Otis, B.A.	Malagash, Camb. Co.
Cochrane, Edward Roy	Halifax
Colborne, Edward Neal, B.A.	Sydney, C. B. Co.
Cole, Gordon Francis, B.A.	Halifax
Connersford, John Albert	Halifax
Dowrie, Ronald Joseph, B.A. (St. Mary's)	Halifax
Dunn, Jack Newton, B.A. (Toronto)	Toronto, Ont.
Edwards, Louis Bernard	Sydney Mines, C. B. Co.
Frazer, Thomas Hunter	Stellarton, Pte. Co.
Farling, James Albert	Halifax
Gossell, Clair Henry	Bathurst, N. B.
Graham, Charles William, B.A. (St. F.X.)	New Aberdeen, C. B. Co.
Harris, Alfred Lionel	Three Rivers, Que.
Hatherly, Jack Wylie, B.Com.	Liver Herbert, Camb. Co.
Hicks, Douglas Grosvenor, B.A. (Mt. A.)	Sydney, C. B. Co.
Hinton, Kenneth Young, B.A. (U.N.B.)	Bathurst, N. B.
Hussein, Robert Stanley, B.A. (Mt. A.)	Dartmouth, Hfx. Co.
Ipsen, Harry Gordon, B.A.	Halifax
Jackson, Harold Francis, B.A. (U.N.B.)	Petfordias, N. B.
Jones, Malachi Cornelius Hubert Antonio Marie Joseph	Rockingham, Hfx. Co.
Knight, Donald Arthur, B.A. (Acadia)	Saint John, N. B.
Lee, Paul Albert Joseph	Halifax
Lewis, Kathleen Beryl	Plaster Rock, N. B.
Lesons, George Cecil, B.A. (Queens)	Fisherton, Ont.
Love, Ritchey Bryce, B.A. (Acadia)	New Glasgow, Pte. Co.
Lyons, Joseph Chisholm, B.A. (St. F.X.)	Halifax
MacBain, Arthur Allister	New Glasgow, Pte. Co.
MacDale, Bruce Reginald	Parsons, Camb. Co.
Mackinnon, Angus Lewis	Halifax
MacDonald, George Bruce	Summerside, P. E. I.
MacDonald, James Arthur	Kentville, Kings Co.
MacKinnon, Hugh Charles	Halifax
MacMillan, John Joseph	Antigonish
McNair, John Caldwell, B.A., M.A. (U.N.B.)	Fredericton, N. B.
Menchions, William, B.Com.	Halifax
Miller, Richard Laurens, B.A. (Mt. A.)	Moncton, N. B.
Morrison, Daniel Bernard	Georgetown, P. E. I.
Murphy, Russell Joseph, B.A. (St. F.X.)	Shediac, N. B.

Puthier, Hector Joseph	Weymouth, Dig. Co.
Pye, Howard James Gordon, B.A.	Montreal, Que.
Rogan, Gerald Augustine	Windsor, Hants Co.
Robertson, Ian Ross	Sydney, C. B. Co.
Rouse, Douglas Goodwin, B.A. (U.N.B.)	Fredericton, N. B.
Scott, John Wilson, B.A. (Queen's)	Halifax
Strangward, Lloyd Edwin, B.A.	Halifax
Swanburg, Karl Rodney	Halifax
Tait, Robert Charles	Sherbrooke, Que.
Tray, Orval John Thomas	Halifax
Veitch, Evan Nixon	Halifax
Wentzel, James DeWolfe, B.Com.	Oakland, Lun. Co.
Yates, George	Glass Bay, C. B. Co.
Zales, Milton, B.A. (U.N.B.)	Coldbrook, N. B.

First Year

Adams, William Gilbert	St. John's, N.B.
Allen, Lovell Archibald, B.A. (Acadia)	Sussexville, P. E. I.
Archibald, Charles Witter, B.Com.	Truro, Col. Co.
Baird, Vaughan Lawson, B.A. (Manitoba)	Winnipeg, Man.
Chakohn, Frederick Joseph, B.A. (St. F. X.)	Antigonish
Crowell, Archibald Austin, B.Sc. (Acadia)	Bridgewater, Anns. Co.
Cyr, Leonide Honore, B.A. (St. F. X.)	Edmundston, N. B.
Davis, George Webster	Halifax
Dunn, Jack Newton, B.A. (Toronto)	Toronto, Ont.
Fitzgerald, Gordon Howard	Montreal, Que.
Foster, Gerald Carlton Leonard, B.A.	Ottawa, Ont.
Gallant, Francis Frederick	Halifax
Gillmer, Daniel Bazan	St. George, N. B.
Good, Donald Boyd	Parham, Ont.
Gay, Thomas Cameron	Bridgewater, Lun. Co.
Harrison, Donald Henry	Hamilton, Bermuda
Hobb, Philip Clarence Willis	Halifax
Higgins, Julius Peterson	Niagara Falls, Ont.
Hilley, George Emerson, B.A. (Acadia)	Kentville, Kings Co.
Inder, Steadman Herbert	Springdale, N.B.
Jones, Leonard Charles, B.Sc. (Mt. A.)	Moncton, N. B.
Jordan, Gilbert Thoburn	Kingsman, Que.
Joseph, Kenal	Truro, Col. Co.
Keating, Richard Darrell Weston, B.A. (McGill)	Wolfville, Kings Co.
Kennedy, Clifford Kettle	Arnsdale, Hfr. Co.
Kennedy, William Russell	Truro, Col. Co.
Kerr, Donald Alexander, B.Com.	Halifax
Kinsman, Eric Hinch, B.A. (Acadia)	Kentville, Kings Co.
Lallane, Edwin Adler, B.Com.	Halifax
Lockwood, Bernard Bruce	Halifax
McCarthy, Vincent Patrick	Red Island, N.B.
Macdonald, Arthur Beverley	Kingston, Ont.
Macdonald, Alison Kenneth	Sussexville, P. E. I.
Macdonald, Maxine Hinch	Sydney, C. B. Co.
Macdonald, Ronald St. John, B.A. (St. F. X.)	Bailey's Brook, Pse. Co.
MacDonald, Wallace John	Sydney, C. B. Co.
MacIntosh, Charles William	Halifax
MacKay, Donald John Frederick	West Bay, Inv. Co.
MacQuarrie, Robert Waldron	Hopewell, Pse. Co.

Main, Walter James Alvah	River Glade, N. B.
Mann, Harold Joseph	Newcastle, N. B.
Martin, Joseph Robert, B.A. (St. Thomas)	Charlton, N. B.
Melaki, Stanley Kestner	Sydney, C. B. Co.
Nicholson, David Edward	Halifax
O'Connor, Mark William James, B.A. (St. F. X.)	Guyborough
O'Hara, William Seymour	Toronto, Ont.
Palmer, James Strupson, B.A. (McGill)	Charlottetown, P. E. I.
Parand, Andre Donat	Sudbury, Ont.
Porter, Hector Melinas	Westmount, Que.
Ross, Gordon Henry Hale	Ottawa, Ont.
Rogers, George Alexander	Halifax
Saunders, Edmund Ralph	Berwick, Kings Co.
Seeger, Moyna Elizabeth Noble	Halifax
Sigut, Charles Richard	Sydney, C. B. Co.
Slaven, James Royal, B.Com.	Sydney, C. B. Co.
Smith, Robert Alexander	Westmount, Que.
Snow, David Allison	Halifax
Soberman, Daniel Allan	Halifax
Thornton, George Henry	Halifax
Tomlin, William Alfred	Sydney, C. B. Co.
Webster, Robert Charles	Kingston, Ont.
Wiggins, Thomas Victor Stoms, B.A. (Mt. A.)	Halifax
Williams, Coleridge Arnold, B.A. (McGill)	Hamilton, Bermuda
Williams, George Henry	Point Tupper, Bish. Co.
Wolfe, Harold Bernard, B.A. (Toronto)	Toronto, Ont.
Woolaver, Phillip Raymond	Barton, Dig. Co.

FACULTY OF MEDICINE

Fifth Year

Alexander, Charles John, B.Sc. (U.N.B.)	Saint John, N. B.
Arkie, Daphne Winifred	Bathurst, N.B.
Ashley, Patrick Farrell Michael	St. John's, N.B.
Battcock, George William	St. Mary's, N.B.
Black, Norman Seymour, B.Sc.	Halifax
Brown, James Robert, B.Sc.	New Glasgow, Pse. Co.
Burley, Malcolm Perry, B.Sc.	Amherst, N. B.
Bursley, Phyllis Doreen	Moncton, N. B.
Barber, Reginald Howard	St. John's, N.B.
Campbell, Dutton Alexander	Bridgewater, Lun. Co.
Clewater, Robert Angus	Moncton, N. B.
Colwell, Garnet James Henry	Halifax
Flight, George Hubert	Hamilton, Ont.
Foster, Thomas Ainslie	New Glasgow, Pse. Co.
Fraser, George MacDonald	New Glasgow, Pse. Co.
Giffin, Carl Cleveland	Halifax
Hill, George Urquhart, B.A. (Mt. A.)	Halifax
Johnson, Aubrey Edmund	Grand Village, Col. Co.
Kirkpatrick, Donald Harley	Halifax
Leaton, Robert David	Red Island, N.B.
MacDonald, Frederick Robert	Halifax
MacEwen, Alton Ray	St. Peter's Bay, P. E. I.
MacLenn, James Adriaan	Saint John, N. B.

MacKay, Ronald Dickie, B.A. (U.B.C.)	Vancouver, B. C.
M.A. (Tor.)	Halifax
MacLeod, Allan John	
MacPherson, Archibald Milford, B.Sc. (Acadia)	Wolfville, Kings Co.
MacWilliam, Herbert Davison, B.A. (Mt. A.)	St. Andrews, N. B.
May, Gerald Arthur	Moncton, N. B.
Mendelson, Myer, B.A., B.Sc.	Moncton, N. B.
Milligan, James Edgar	Halifax
Morton, Bruce St. Clair, B.Sc. (Acadia)	Yarmouth
Myrden, James Allan, B.Sc.	Halifax
O'Donnell, Robert Francis	St. John's, Nfld.
O'Neil, Thomas John	Kilowan, B.C.
Pechanek, Morris Reubens, B.Sc. (Mt. A.)	Saint John, N. B.
Phillips, Herbert Ralph	Richmond, P. E. I.
Robbins, James Henry Lloyd	Kirosau, P. E. I.
Ryan, John Martin, B.Sc. (St. F. X.)	St. John's, Nfld.
Shears, Arthur Howard	Glace Bay, C. B. Co.
Siemiewski, David James, B.A. (U.N.B.)	Halifax
Simpson, Richard Gordon	Bay View, P. E. I.
Smith, Ora Robert	Moncton, N. B.
Threlkeld (DeMonte), Agnes Winnifred, B.Sc.	Lunenburg
Warr, George Owen	Sydney, C. B. Co.
Wessing, Andrew Stewart	St. John's, Nfld.
Williams, John Gordon	

Fourth Year

Adair, Clark Hazen, B.A. (Mt. A.)	Moncton, N. B.
Annsand, Robert Thompson	Halifax
Bate, George Warburton	Saint John, N. B.
Billard, Albert Calvin	Glace Bay, C. B. Co.
Blackwood, Harold John	St. John's, Nfld.
Boudreau, John Francis	Halifax
Cameron, William Goulding	Winnipeg, Man.
Campbell, Alexander Newald	Yarmouth
Cofford, Horace Bernard	Charlottetown, Hfx. Co.
Copp, Stephen Eric	Jamaica, B. W. I.
Cowan, John David Eadie	St. John's, Nfld.
Crosby, Jean Margaret, B.Sc.	Halifax
Dolan, Frederick Gerard, B.Sc. (St. F. X.)	Sydney, C. B. Co.
Elliott, Arthur William, B.A.	Halifax
Ernst, William Alan, B.Sc.	Halifax
Fletcher, George Everett, B.A. (U.N.B.)	Marystown, N. B.
Forbes, Donald Edgar, B.Sc. (Acadia)	Halifax
Gosden, John Oakley	New Glasgow, Pse. Co.
Hicks, Franklyn Herbert	Bridgetown, Anns. Co.
Higgins, Gordon Keith, B.Sc. (U.N.B.)	St. Andrews, N. B.
Higgins, John Elton, B.A. (Acadia)	Belmont, P. E. I.
Howatt, Burton Davies	Charlottetown, P. E. I.
Keady, Donald Bruce, B.Sc. (Acadia)	Halifax
Lawson, Gordon Ernest	Minto, N. B.
Lewis, James Arthur	Halifax
Lewis, Douglas Elroy, B.A. (Mt. A.)	Saskville, N. B.
MacDonald, Douglas Andria Camelo	Charlottetown, P. E. I.
MacDonald, John Cameron, B.Sc. (St. F. X.)	Sydney, C. B. Co.
Macintosh, John Wilfred, B.Sc.	Halifax
MacKay, Harold Vernon, B.A. (Acadia)	Pictou

MacRae, Alvin Edward Clark	New Wiltshire, P. E. I.
Malcolm, Donald Andrew Charles	Saint John, N. B.
Moffitt, Emerson Amos	McAdam, N. B.
O'Keefe, Francis Joseph, B.Sc. (St. Dunstan's)	Gowan Brae, P. E. I.
Phillips, James Alroy, B.Sc. (Acadia)	Sydney, C. B. Co.
Poslos, Harry Peter	Halifax
Parves, James Kent Blair	Halifax
Quigley, John Howard, B.Sc.	Halifax
Reid, Neil Douglas	Ottawa, Ont.
Ries, Donald Ingram	Bedford, Hfx. Co.
Ross, James Frederick	Sussex, N. B.
Ryan, Joseph	Charlottetown, N. B.
Scott, Caroline Phoebe Coghill	Halifax
Shapier, Albert Edward	St. John's, Nfld.
Stewart, William Ross	Charlottetown, P. E. I.
Taylor, Albert Williams	St. John's, Nfld.
Tompkins, James Bernard, B.A., B.Sc. (St. F. X.)	Dominion, C. B. Co.
Trank, Noel Brown	Halifax
Travis, Floyd Douglas, B.Sc. (Acadia)	Glace Bay, C. B. Co.
Tucker, Herbert Harold	Halifax
Vair, Charles Donald	Halifax
Vibert, James Charles, B.A.	Stewiack, Col. Co.
Wilansky, Donald Cyril	St. John's, Nfld.
Wilansky, Douglas Leo	St. John's, Nfld.
Wilson, James Arthur	New Dominion, P. E. I.

Third Year

Barron, Kevin Delgado Eugene	St. John's, Nfld.
Brooks, Ralph William, B.A. (Mt. A.)	Ambors, Camb. Co.
Brown, Leazar	Halifax
Burden, Robert Arnold	Springhill, Camb. Co.
Burnstien, Mendel Elliot, B.Sc. (Mt. A.)	Glace Bay, C. B. Co.
Campbell, Angus Joseph	St. Columbia, Vie. Co.
Chisholm, James Ian	Sunny Brae, Pse. Co.
Chisholm, Willis Marjock	Halifax
Davidson, Claude Ronald	Halifax
Davidson, David Lloyd	Dartmouth, Hfx. Co.
Douglas, Elizabeth Lee, B.Sc. (Acadia)	Caladonna, Queens Co.
Dunfield, Anthony Henry	St. John's, Nfld.
Fesser, Melvin Glenwood	Bridgewater, Lun. Co.
Fisher, DeWegen Hill	Parrystown, Camb. Co.
Fraser, John Henry	Stellarton, Pse. Co.
Fulerton, Samuel George Burke	Halifax
Gardiner, William Alexander	Sydney Mines, C. B. Co.
Gass, David Alexander	Sackville, N. B.
Groves, Richard Harold	Halifax
Hoad, Joseph James, B.Sc. (St. F. X.)	Fairville, N. B.
Hetherington, Harold Gumbin	Cody's, N. B.
Hines, Charles Henry	Cherbourg, Hants Co.
Hose, Arthur Maxwell	Glovertown, Nfld.
Karrel, Ben David	New Waterford, C. B. Co.
Kempson, Alfred Russell	Mailland Bridge, Anns. Co.
Lawdall, Frederick Charles, B.A. (Susk.)	Victoria, B. C.
Lewis, Alan MacDonald	North Sydney, C. B. Co.
Lingsar, Kevin Leonard	St. John's, Nfld.

MacArthur, Edward Donald	Halifax
MacEwen, Donald Allan Gerard, B.Sc. (St. F. X.)	Sydney, C. B. Co.
MacGregor, Donald John, B.A. (Mt. A.)	Sackville, N. B.
MacLeod, James Hall, B.Sc.	Halifax
Merriam, Richard Kerr, B.Sc.	Wolfville, Kings Co.
Miller, James Edwin Harris	Halifax
Munroe, Ray Robert	Springhill, Cumb. Co.
O'Regan, Kenneth Roy	Juggins, Cumb. Co.
Pitt, Dennis Cecil Charles	Georgetown, B. W. I.
Reynolds, Edward Nicholas	Fredericton, N. B.
Richardson, Anne Burns, B.Sc. (Acadia)	Saint John, N. B.
Sanders, Norman Joseph	Amherst, Cumb. Co.
Shaford, Robert Chestnut	Herford, N. B.
Shaw, Albert Joseph	Sydney, C. B. Co.
Sinclair, Albert McMurdo	Charlottetown, P. E. I.
Skinner, Lyle Alonso	Louisburg, C. B. Co.
Spiller, Stuart Lyndon	Vanover, B. C.
Stead, Llewelyn Thompson	Halifax
Stewart, William Frederick	Norwich, P. E. I.
Swanburg, Angus Russell	Halifax
Taylor, Cyril Raymond	Shubenacadie, Hants Co.
Taylor, Wilbur Kirkpatrick, B.Sc.	Beth Cove, Hfx. Co.
Wadup, Rex Stanley	Moncton, N. B.
Walter, Robert McNaught	Yarmouth
Wentzell, Robert Arthur	Dartmouth, Hfx. Co.
Wood, William Charles	Halifax

Second Year

Archibald, Willis Moore, B.A., B.Sc.	Sydney, C. B. Co.
Baker, James Roy d'Arny	Fredericton, Hfx. Co.
Behrns, John Edmund, B.A., B.Sc. (Acadia)	Berwick, Kings Co.
Bonnell, George Elmer	Charlottetown, P. E. I.
Bugden, Raymond Leslie	Cornar Brook, Nfld.
Burleigh, William Arnold	Egberts, P. E. I.
Carroll, Jonathan Joseph	Cornar Brook, Nfld.
Casey, Michael Thomas, B.Sc.	Halifax
Chipman, Charles Donaldson, B.Sc.	Halifax
Day, Leo Albee, B.A. (St. Joseph)	Halifax
Delahunt, James Austin	Moncton, N. B.
Ellis, Mildred Coleridge, B.Sc.	Saint John, N. B.
Epstein, Norman, B.Sc.	Sydney, C. B. Co.
Forsythe, Robert Gordon	Charlottetown, P. E. I.
Gass, Kenneth Vaughn	Sackville, N. B.
Gillis, Daniel Alexander, B.Sc. (St. F. X.)	Port Hawkesbury, Inv. Co.
Gordon, Alfred, B.A., B.Sc.	Halifax
Healy, Robert Wesley	Moncton, N. B.
Herring, Sterling Friend	Murray River, P. E. I.
Hooper, James Brenton, B.A. (U.N.B.)	Charlottetown, P. E. I.
Ingraham, Donald Holton	Dartmouth, Hfx. Co.
Jeffrey, Wendell Holmes, B.Sc.	Sandy Cove, Dig. Co.
Johnson, Robert Paul, B.A. (Mt. A.)	Parth, N. B.
Kelley, Edward Gerard	Halifax
Kenny, George Edward	Wolfville, Kings Co.
Kingston, Mark Benedict	Newcastle, N. B.
MacCrea, Garnet Graham	Seaburn, Pse. Co.

MacDonald, Charles Jerome	New Waterford, C. B. Co.
MacDonald, Hugh Neil Archibald	New Aberdeen, C. B. Co.
MacDonald, Peter Melbourne	Bonshaw, P. E. I.
MacDonald, Stewart	Little Sands, P. E. I.
MacKay, Donald Hector	Halifax
MacLenn, Walter Donald	Stellarton, Pse. Co.
McNeill, Hubert Bernard	Summerside, P. E. I.
Moore, Donald Charles	Fredericton, N. B.
Murray, Mary Joyce, B.Sc. (U.N.B.), M.A. (Univ.)	Fredericton, N. B.
Nathanson, Daniel Seymour	Glase Bay, C. B. Co.
Neily, Harold Havelock	Middleton, Anns. Co.
Parliament, Edward Leonard	Dartmouth, Hfx. Co.
Pesard, Ralph Lakshmi	Trinidad, B. W. I.
Powar, George Robert Ervin	Acadia, Hfx. Co.
Prinz, Ralph Leonard, B.Sc. (U.N.B.)	Fredericton, N. B.
Pugh, Paul Adrian, B.Sc. (U.N.B.)	Bart's Corner, N. B.
Ridout, Vernon Keith	Halifax
Ross, John William	New Glasgow, Pse. Co.
Sims, Hugh Murray, B.A. (Acadia)	New Glasgow, Pse. Co.
Smith, Robert Lyman	Avondale, Pse. Co.
Sobey, Vernon William	Sourton, P. E. I.
Sporrell, Pierre Augustus	Cornar Brook, Nfld.
Starratt, Victor Cameron	Truro, Col. Co.
Stiles, Gerald Bruce, B.Sc. (Acadia)	Moncton, N. B.
Stott, Nelson Wraght	Pleasantville, Lun. Co.
Strickland, Randolph Wilson	Sydney Mines, C. B. Co.
Taylor, Maynard Francis, B.Sc.	Halifax
Waldorf, Verne Ross	Halifax
Watters, Wendell Wallace	Fredericton, N. B.
Wills, Ralph Roy, B.Sc. (U.N.B.)	Saint John, N. B.
Wiseman, Thomas Lidstone	Little Bay Islands, Nfld.

First Year

Anderson, Robert Norman	St. Peter's Bay, P. E. I.
Bandler, Martin	Alberton, P. E. I.
Blinkhorn, David Henry	North Sydney, C. B. Co.
Brander, James Allan	Walloo, Cumb. Co.
Brown, Lieselotte, B.Sc.	Dartmouth, Hfx. Co.
Bugden, Cyril Wilfred, B.A.	Halifax
Burns, John McCurdy	Upper Minasquodochet, Hfx. Co.
Cairns, Joseph, B.Sc. (St. Dunstan's)	Iona, P. E. I.
Campbell, Alexander Newell	Yarmouth
Conry, William Albert, B.Sc.	Halifax
Cook, George Harvey	Urbania, Hants Co.
Cullinan, Louis Vincent	Halifax
Day, Ralph John, M.A. (Acadia)	Gaultois, Nfld.
DeVrode, Frederick Ralph	Sydney, C. B. Co.
Dewar, Charles MacNeill	Grandfells, P. E. I.
Donkirk, Leonard Gordon Clement	Halifax
Eddy, George Everett	Bathurst, N. B.
Gibson, James Alexander, B.Sc. (U.N.B.)	Fredericton, N. B.
Glickman, Maurice	Sydney, C. B. Co.
Good, Harold Grant, B.A. (U.N.B.)	Fredericton, N. B.
Goulding, Gordon Lloyd	Grand Falls, Nfld.
Graham, Charles Horace	Charlottetown, P. E. I.
Hardy, Clarence Maze, B.Sc.	Halifax

Harrison, James Frederick, B.Sc. (U.N.B.)	Edmundston, N. B.
Hedder, Tremaine Edmund, B.A.	Halifax
Hudson, Aubrey Dennison	Moncton, N. B.
Jones, Hazel	Hantsport, Hants Co.
Kirkpatrick, Percy Hugh, B.Sc. (Acadia)	Aylesford, Kings Co.
Koven, Irving Marshall, B.A. (Mt. A.)	Grand Falls, N. B.
Laha, Francis Joseph Benedict, B.A. (St. Mary's)	Halifax
Landry, Paul Louis, B.A. (St. Dunstan's)	Cambridge Road, P. E. I.
Larson, William Mitchell, B.Sc. (Acadia)	New Glasgow, P. E. Co.
Lipshitz, Herbert Samuel, B.Sc., B.A. (U.N.B.)	Fredrieston, N. B.
Louder, James Hugh, B.A. (Mt. A.)	Moncton, N. B.
MacDonald, William James	Truro, Col. Co.
MacDonald, Eldred Hugh, B.A. (St. F. X.)	Peter Head, Inv. Co.
MacFadyen, Lemnis Ralph	Meadow Bank, P. E. I.
MacKenzie, Adrian	Stellarton, P. E. Co.
MacLellan, Donald Irving	Moncton, N. B.
MacLeod, David Everett, B.Sc. (Acadia)	Petou
McMaster, Lionel Russell	New Waterford, C. B. Co.
Madow, Carl Joseph	Mahone Bay, Lun. Co.
Morris, Margery Una	Dartmouth, Hfx. Co.
Murphy, Raymond Mary	Jamaica Plain, Mass., U. S. A.
Orser, Winston Blair, B.Sc. (U.N.B.)	Halifax, N. B.
M.Sc. (West. Ont.)	Westville, P. E. Co.
Potter, Stanley William	Petou
Powell, Eva Gilchrist	Ottawa, Ont.
Prathead, Ruggles Bernard, B.Sc.	Heart's Content, Nfld.
Rendell, Wallace Boyd	
Richards, William Henry Allen, B.Sc. (U.N.B.)	Fredrieston, N. B.
Roberts, Athol Lemih, B.A., B.Sc. (Acadia)	Halifax
Singh, Walter Sharwan Anandipati, B.Sc.	Demerara, Br. Guiana, S. A.
Smith, Kevin Patrick	Curling, Nfld.
Smith, Marjorie Lorraine, B.Sc. (St. F. X.)	Petou
M.Sc.	Halifax
Snow, James Murray, M.Sc.	Sydney Mines, C. B. Co.
Totten, Walter Subvans	Sydney, C. B. Co.
Wolfson, Dennis	New Glasgow, P. E. Co.
Wrothylake, Milfan Grant	

SPECIALS IN MEDICINE

Allen, Moran Muriel	Stellarton, P. E. Co.
Bruce, Grace Marie	Halifax
Collie, Margaret Marion	Halifax
Cunningham, Imbelle Elma	New Glasgow, P. E. Co.
Dennis, Frances Whitman	Halifax
McCoy, Marion Shirley	Windsor, Hants Co.
MacDonald, Rita Florence	Dartmouth, Hfx. Co.
MacKinnon, Jennie Isabel	Petou
MacKinnon, Margorie Elizabeth	Sydney, C. B. Co.
Munaghan, Elizabeth Frances	Halifax
Myers, Shirley Anne	Malagash, Camb. Co.
Petras, Elizabeth Helena	Rothsay, N. B.
Simpson, Frances Doreen	Dalhousie, N. B.
Smyth, Mary Muriel, B.Sc.	Arncliffe, Hfx. Co.
Walls, Patricia Bernice	Halifax

FACULTY OF DENTISTRY

Fourth Year	
Banks, Edwin MacNeil	Kentville, Kings Co.
Bloxum, Sylvia Iris Alma	Montreal, Que.
Cook, Walter Frank	Lynnburg
Kerr, Kenneth MacFarlane	Bedford, Hfx. Co.
MacAulay, Douglas Walter	Baldock, Vis. Co.
MacDonald, Ian Allan Cameron	Merrmaid, P. E. I.
McDonald, Joseph Edward	Amherst, Camb. Co.
Ober, Charles	Halifax
Peters, David Kendall	St. John's, Nfld.
Schumacher, Edwin Leo	Bridgewater, Lun. Co.
Spreukin, Thomas Edward, B.A. (Acadia)	Harland Point, Hfx. Co.
Stank, Kathleen, B.Sc.	Calgary, Alta.
Third Year	
Baxter, Sidney James	Stellarton, P. E. Co.
Boss, Andrew Daniel	Moncton, N. B.
Bourque, Joseph Daniel	River Bourgeois, Rich. Co.
Calwell, Gordon Wallace	Etoual, N. B.
DeWare, Ralph Baxter	Moncton, N. B.
Halford, Ernest Douglas, B.Sc. (U.N.B.)	Harvey Station, N. B.
McCarron, Peter Francis	Halifax
McGaughey, James, B.A. (St. Dunstan's)	Bombay, P. E. I.
Northup, Donald Lloyd	Sydney, N. B.
Oser, Gerald George	Halifax
Ramsay, George Lawrence	Malpeque, P. E. I.
Sansom, Reginald Forbes	Fredrieston, N. B.
Second Year	
Barrett, Gerald Douglas, B.Sc. (Acadia)	Halifax
Cobb, Thomas Drummond	Dartmouth, Hfx. Co.
Coleman, William Bartholomew	Glace Bay, C. B. Co.
Davis, Roy Walnut	Truro, Col. Co.
Dwyer, William James	St. John's, Nfld.
Egstein, Raymond	Halifax
Franklin, Elliott Maynard Claude, B.Sc. (Acadia)	Digby
Hayward, Clinton Amos	Halifax, N. B.
Hicks, Donald Clarence	Dorchester, N. B.
MacIntosh, Edwin Livingston	Dundas, Bink. Co.
Phillips, Orville Howard	O'Leary, P. E. I.
Woodside, Donald Garth, B.Sc.	New Glasgow, P. E. Co.
First Year	
Belliveau, Thomas Edmund	Weymouth, Dig. Co.
Blackmer, John Gibson, B.Sc. (U.N.B.)	Fredrieston, N. B.
Bonitz, Mitchell	Glace Bay, C. B. Co.
Burt, Richard Douglas Hood	St. John's, Nfld.
Cowan, John Robert, B.Sc. (U.N.B.)	Moncton, N. B.
Crossan, George Travis, B.A. (Mt. A.)	Halifax
Faulkner, Guy Herbert	Halifax
MacConnachie, Hugh John	Halifax
MacKenzie, Albert Gordon	North Sydney, C. B. Co.
MacLachlan, Donald Edgar, B.Sc. (Springfield)	Halifax
Pool, Donald Aubrey	Corner Brook, Nfld.
Fugh, Clayton Rudolph	Westport, Dig. Co.

TIME TABLE 1950-51.

PRE-MEDICAL AND PRE-DENTAL

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
First Year						
8	Chem. 1	Biology 1	Chem. 1	Biology 1	Chem. 1	Biology 1
9	Math. 1	.....	Math. 1	.....	Math. 1	.....
11	Physics 1	.....	Physics 1	.....	Physics 1	.....
17	Sci. 1A or 1	.....	Sci. 1A or 1	.....	Sci. 1A or 1	.....
2-24	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.	Bot. Lab.	.....
3-28	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.	Bot. Lab.	.....
4-30	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.	Bot. Lab.	.....
Second Year						
9	.....	.....	.....	.....	.....	.....
10	Chem. 4	Chem. 1	Chem. 4	Chem. 1	.....	.....
11	History 20	Elective	History 20	Elective	History 20	.....
12	.....	.....	.....	.....	.....	.....
2-30-50	Chem. Lab.	Zool. 2	Chem. Lab.	Zool. 2	Chem. Lab.
3-30	Chem. Lab.	Zool. 2	Chem. Lab.	Zool. 2	Chem. Lab.

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