

Dalhousie University

HALIFAX, Nova Scotia



CALENDAR

1934-1935

LECTURE TIME TABLE—ARTS AND SCIENCE, 1934-1935.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9	Greek 7 French 2 (2) Hist. 1 Econ. 1 Phil. 4 Educ. 4 Soc. 1 Chem. 3 Math. 5 Mech. 3	French 1 (1) French 2 (1) H. German Phil. 1 Educ. 3 Physic 3 Chem. 3 Hist. 1 Nat. 14 Draw. 1 Cos. 4	Greek 2 French 2 (2) History 1 Econ. 1 Phil. 4 Educ. 4 Soc. 1 Chem. 3 Hist. 1 Mech. 2	French 1 (1) French 2 (1) H. German Phil. 1 Educ. 4 Physic 3 Chem. 3 Hist. 1 Nat. 14 Draw. 1 Cos. 4	Greek 2 French 2 (1) H. German Phil. 1 Educ. 4 Physic 3 Chem. 3 Hist. 1 Nat. 14 Draw. 1 Cos. 4	Greek 2 French 2 (1) H. German Phil. 1 Educ. 4 Physic 3 Chem. 3 Hist. 1 Nat. 14 Draw. 1 Cos. 4	French 1 (1) French 2 (1) H. German Phil. 1 Educ. 4 Physic 3 Chem. 3 Hist. 1 Nat. 14 Draw. 1 Cos. 4
10	Latin 2 (1) G. Greek French 2 (2) History 11 Psych. 6 Educ. 4 Math. 1 (1) Math. 1 (2) Physic 2 Chem. 4 Cos. 1	Latin 1 (1) Greek 1 German 1 History 9 English 9 Educ. 4 Math. 4 Physic 4 Physic 7 Chem. 7 Cos. 1	Latin 2 (1) Greek 1 French 2 (2) History 11 History 11 Psych. 6 Educ. 4 Math. 1 (1) Math. 1 (2) Physic 2 Chem. 4 Cos. 1	Latin 1 (1) Greek 1 French 2 (2) History 9 History 11 Psych. 6 English 9 Educ. 4 Math. 1 (1) Math. 1 (2) Physic 2 Chem. 4 Cos. 1	Latin 1 (1) G. Greek French 2 (2) History 9 History 11 Psych. 6 English 9 Educ. 4 Math. 1 (1) Math. 1 (2) Physic 2 Chem. 4 Cos. 1	Latin 1 (1) G. Greek French 2 (2) History 9 History 11 Psych. 6 English 9 Educ. 4 Math. 1 (1) Math. 1 (2) Physic 2 Chem. 4 Cos. 1	Latin 1 (1) G. Greek French 2 (2) History 9 History 11 Psych. 6 English 9 Educ. 4 Math. 1 (1) Math. 1 (2) Physic 2 Chem. 4 Cos. 1
11	Latin 1 (2) Latin 2 (2) H. French English 11 History 20 Econ. 1 Math. 1 (2) Math. 2 Physic 1 Mech. 4 Cos. 2	H. Latin Latin 2 (2) H. French French 1 (2) Latin 1 (2) Phil. 4 Educ. 2 Math. 2 (2) Math. 2	Latin 1 (2) Latin 2 (2) H. French English 11 History 20 Econ. 1 Math. 1 (2) Math. 2 Physic 1 Cos. 2	H. Latin Latin 2 (2) H. French French 1 (2) Latin 1 (2) Phil. 4 Educ. 2 Math. 1 (2) Math. 2	Latin 1 (2) Latin 2 (2) H. French French 1 (2) Latin 1 (2) Phil. 4 Educ. 2 Math. 1 (2) Math. 2	Latin 1 (2) Latin 2 (2) H. French French 1 (2) Latin 1 (2) Phil. 4 Educ. 2 Math. 1 (2) Math. 2	H. Latin Latin 2 (2) H. French French 1 (2) Latin 1 (2) Phil. 4 Educ. 2 Math. 1 (2) Math. 2
12	Greek 3 English 1 English 2 Phil. No. 5 Cos. 8	Greek 2 English 1 English 2 Phil. No. 5 Physic 3 Cos. 8	Greek 2 English 1 English 2 Phil. No. 5 Physic 3 Cos. 8	Greek 2 English 1 English 2 Phil. No. 5 Physic 3 Cos. 8	Greek 2 English 1 English 2 Phil. No. 5 Physic 3 Cos. 8	Greek 2 English 1 English 2 Phil. No. 5 Physic 3 Cos. 8	Greek 2 English 1 English 2 Phil. No. 5 Physic 3 Cos. 8
2.30	German 2 Spanish 1 English 10 History 7 Social 1 Phil. No. 4 Hist. 1 Nat. 12	H. Greek German 2 H. Spanish History 4 Econ. 2 Social 1 Educ. 2 Nat. 2, 2A Hist. 12	German 2 Spanish 1 English 10 History 7 Social 1 Phil. No. 4 Hist. 1 Nat. 12	H. Greek German 2 H. Spanish History 4 Econ. 2 Social 1 Educ. 2 Nat. 2, 2A Hist. 12	H. Greek German 2 H. Spanish History 4 Econ. 2 Social 1 Educ. 2 Nat. 2, 2A Hist. 12	H. Greek German 2 H. Spanish History 4 Econ. 2 Social 1 Educ. 2 Nat. 2, 2A Hist. 12	H. Greek German 2 H. Spanish History 4 Econ. 2 Social 1 Educ. 2 Nat. 2, 2A Hist. 12
3.30	Spanish 2 Econ. 2 Phil. No. 1 Fine Arts Cos. 1	French 3 Econ. 2 Psych. 3	Spanish 2 Soc. 6 Phil. No. 1 Fine Arts Cos. 1	French 3 Econ. 2 Psych. 3	Spanish 2 Soc. 6 Phil. No. 1 Fine Arts Cos. 1	French 3 Econ. 2 Psych. 3	Spanish 2 Soc. 6 Phil. No. 1 Fine Arts Cos. 1
4.30	French 3 Spanish 3 H. Lat. English 4	French 3 Spanish 3 H. Lat. English 4	French 3 Spanish 3 H. Lat. English 4	French 3 Spanish 3 H. Lat. English 4	French 3 Spanish 3 H. Lat. English 4	French 3 Spanish 3 H. Lat. English 4	French 3 Spanish 3 H. Lat. English 4

Dalhousie University

HALIFAX, Nova Scotia



CALENDAR

1934-1935

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

bc. bc. bc.
The Corner Stone of this College
DESIGNED FOR

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

WAS LAID

By His Excellency Lieutenant General
The Right Honourable
GEORGE RAMSAY EARL OF DALHOUSIE
Baron Dalhousie of Dalhousie Castle
Knight Grand Cross of the Most Honourable
Military order of the Bath, CAPTAIN GENERAL
and GOVERNOR in CHIEF in and over his Majesty's
Provinces of LOWER CANADA, UPPER CANADA,
NOVA SCOTIA and NEW BRUNSWICK and
THE ISLANDS of PRINCE EDWARD & CAPE BRETON,
bc. bc. bc.

Accompanied By
Rear Admiral Griffith & the Captains of His
MAJESTY'S SHIPS on the Station, COLONEL GEORGE MACKIE
COMMANDANT OF THE GARRISON, LIEUT. COLONEL GAWNTLETT
Commanding the 62nd Regiment, and the Field Officers of His
Majesty's Forces in this GARRISON *bc. bc. bc.*

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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arts 26 weeks
Med. 20 weeks

University Almanac, 1934-1935.

1934.

Aug. 15	W.—Last day for receiving applications* for Fall Supplementary Examinations.
Sept. 4	Tu.—Returning Camp for students in Engineering begins.
11	Tu.—Session begins. Registration (and Payment of Fees) and Supplementary Examinations for students in Law, Medicine, Dentistry.
13	W.—Lectures begin, and last regular Registration† Day for each student.
15	S.—New. Registration for such students ends.
26	W.—Registration (and Payment of Fees) begins in Faculty of Arts and Science. The only regular registration day for NEW STUDENTS from Halifax and Dartmouth.
27	Th.—The only regular registration day for other NEW STU- DENTS in Faculty of Arts and Science.
28	F.—Registration begins for other than new students in Faculty of Arts and Science. Special lectures begin for NEW STUDENTS in Faculty of Arts and Science.
29	Tu.—Matriculation and Scholarship and Supplementary Arts and Science Examinations begin. —9:30—12:30 a. m., Latin, German.** —9:30—12:30 a. m., French, Greek.**
29	W.—9:30—12:30 p. m., Physics.
29	Th.—9:30—12:30 a. m., Geometry.
29	F.—9:30—12:30 p. m., Chemistry.
29	S.—9:30—12:30 a. m., Algebra.
29	S.—9:30—12:30 p. m., Philosophy; History.**
29	S.—12 Noon. Regular Registration†† Faculties for Students in Arts and Science ends. Halifax Students will not be registered on this day.
	Results of Matriculation and Supplementary examinations declared.
Oct. 1	M.—Registration for those students who have written En- trance or Supplementary examinations. M.—9 a. m., Lectures begin in Arts and Science. 2—12 Noon. Meeting of Faculty of Arts and Science. 5—8—12 Noon. Registration in Arts and Science ends. 10 W.—Initiation as to elective subjects to be made on or before this day in Arts and Science Faculty. M.—Thanksgiving Day. No lectures.
Dec. 13	Th.—Last day of lectures in classes wherein Christmas examinations are held.
15	S.—Christmas Examinations begin, except in Law.
19	W.—Law Examinations begin.
22	S.—9 a. m., Christmas vacation begins.
1935.	
Jan. 3	Th.—9 a. m., Lectures resumed.
Mar. 1	F.—Last day for receiving theses for Master's degree. 22 F.—Last day for receiving Applications* for Examinations for Master's degree and for Music and Pharmacy. 30 S.—Last day for receiving Applications* for Spring Supple- mentary Examinations (Law, Medicine, Dentistry).
Apr. 10	F.—Good Friday. No Lectures. 22 M.—Last day of lectures. 24 W.—Writing Examinations† begin. 30 Tu.—Final Professional Examinations in Medicine and Dentistry begin.
May 8	W.—4 p. m., Meeting of Faculty of Law. —8 p. m., Meeting of Faculty of Dentistry. 9 Th.—11 a. m., Meeting of Faculty of Arts and Science. 10 F.—3 p. m., Meeting of Faculty of Medicine. 11 S.—11 a. m., Meeting of Senate. Results of Examinations declared. 14 Tu.—3 p. m., Convocation, Session ends.

*The most necessary application for examination.

**In case of conflict of examination arrangements will be made for changes suit-
able to all candidates.

†For time table see Notice Board.

††Time Fee for late Registration, \$2.00 per day.

Dalhousie University

BOARD OF GOVERNORS.

1932-34.

- Hector McInnes, LL. B., K. C., *Chairman*.
Carleton Stanley, M. A., LL. D., F. R. S. C., *President of the University*.
His Worship the Mayor of Halifax, *ex officio*.
C. H. Mitchell, Esq.
W. H. Chase, Esq.
Hon. R. G. Beazley.
D. Macgillivray, LL. D.
H. E. Mahon, B. A., LL. B.
W. E. Thompson, LL. B.
Hon. W. A. Black, M. P.
Rt. Hon. R. B. Bennett, P. C., LL. B., LL. D., K. C., M. P.
A. E. Wiswell, Esq.
Judge G. G. Patterson, M. A., LL. B., LL. D.
J. L. Hetherington, Esq.
G. MacG. Mitchell, Esq.
I. C. Stewart, Esq.
Hon. J. C. Toay, LL. D.
Hon. F. B. McCurdy, P. C.
W. R. Powell, Esq.
O. E. Smith, LL. D.
H. E. Stairs, D. S. O., B. A., LL. B., K. C., *Alumni Representative*.
James McG. Stewart, B. A., LL. B., K. C., *Vice-Chairman*.
H. A. Flemming, Esq.
Ronald M. Fielding, B. A., LL. B., *Alumni Representative*.
J. H. Winfield, Esq.
O. R. Crowell, B. A., B. Com., *Alumni Representative*.
Mrs. F. H. Pond, B. A., *Alumnae Representative*.
Hon. F. B. McCurdy, P. C., *Treasurer*.
W. E. Thompson, LL. B., *Secretary*.
H. E. Stairs, D. S. O., B. A., LL. B., K. C., *Assistant Secretary*.

SENATUS ACADEMICUS, 1932-34.

- Carleton Stanley, M. A., LL. D., F. R. S. C., *President of the University*.
Murray Macneill, M. A.
Howard L. Bromson, Ph. D., F. R. S. C.
Herbert L. Stewart, M. A., Ph. D., F. R. S. C.

†Died during year.

OFFICERS OF ADMINISTRATION

11

- George E. Wilson, M. A., Ph. D.
C. B. Nickerson, A. M.
W. F. Copp, B. A., B. Sc., M. E. I. C.
S. G. Ritchie, B. A., D. M. D.
G. K. Thomson, D. D. S., F. A. C. D.
J. H. L. Johnstone, M. Sc., Ph. D.
A. Stanley Walker, M. A., B. Litt.
E. Gordon Young, B. A., M. Sc., Ph. D.
E. W. Nichols, M. A., Ph. D.
François-René Gautheron, Agr. des L.
G. H. Henderson, B. Sc., M. A., Ph. D., F. R. S. C.
H. P. Bell, M. Sc., Ph. D.
R. A. MacKay, B. A., Ph. D.
W. Russell Maxwell, M. A.
Ralph F. Smith, M. D., Ch. B., D. F. H.
C. Wilson Smith, B. A., LL. B., Ed. M., Ed. D.
E. W. H. Cruickshank, M. D., D. Sc., Ph. D., M. R. C. P., F. R. S. E.
R. J. Bean, M. S.
Sidney E. Smith, M. A., LL. B.
James M. MacDonald, B. A., M. B. A.
H. R. Theakston, B. Sc., A. M. E. I. C.
J. Stanley Bagnall, D. D. S.
Horace E. Head, B. A., LL. B., LL. M. *Absent on leave*.
Vincent C. MacDonald, B. A., LL. B.
N. B. Dreyer, M. A., M. R. C. S., L. R. C. F.
Donald Mainland, M. B., Ch. B., D. Sc.
C. L. Bennet, M. A.
H. G. Grant, M. D., C. M., M. R. C. S., L. R. C. F.
G. Vibert Douglas, M. C., M. Sc., B. Sc., F. G. S.
A. K. Griffin, M. A., Ph. D.
A. L. McLean, M. D., C. M., C. P. H.
H. K. MacDonald, M. D., C. M., F. R. C. S. (C.)
N. H. Gosse, M. D., C. M.
Prof. C. B. Nickerson, *Secretary*.

Committee on Admission.
Professor Macneill, *Chairman*, Dean Smith, Dean Grant,
Dean Thomson.

OFFICERS OF ADMINISTRATION.

- President of the University*—Carleton Stanley.
Deans of the Faculty of Law—Sidney E. Smith.
Deans of the Faculty of Medicine—H. G. Grant.
Dean of the Faculty of Dentistry—G. K. Thomson.
Registrar—Murray Macneill.

- Business Manager*—W. L. Harper.
Bursar—H. Joyce Harris.
Engineer in charge of Buildings and Grounds—H. R. Theakston.
Warden, Shirreff Hall—Anna M. MacKeen.
Superintendent, Public Health Clinic—A. Edith Fenton.
Physical Instructor—W. E. Stirling.
Honorary Representative in Great Britain—
 W. A. Bulkeley-Evans, C. B. E., M. A., *Secretary to the
 Headmasters' Conference, 5 Paper Buildings, Temple,
 London, E. C. 4, England.*

PROFESORES EMERITI.

- Arthur Stanley Mackenzie, B. A. (Dal.), Ph. D. (J. H. U.),
 D. C. L., LL. D., F. R. S. C., *Professor of Physics (1905-
 1918), President of the University (1911-1931).*
 †Archibald MacMechan, B.A. (Tor.), Ph. D. (J. H. U.), LL. D.
 (Tor. et Dal.), F. R. S. C., *George Munro Professor of English
 Language and Literature (1889-1932).*
 M. A. Curry, B. A. (Vind.), M. D. (Univ. of N. Y.), *Professor
 of Clinical Gynecology. Retired, 1921.*
 Louis M. Silver, B. A. (Vind.), M. B., C. M. (Edin.), F. R. C.
 F. (C.), *Professor of Medicine and Clinical Medicine. Retired
 1927.*
 †John Stewart, C. B. E., M. B., C. M. (Edin.), LL. D. (Edin.,
 Dal. and McGill), F. R. C. S. (Edin.), *Professor of Surgery
 and Dean of Medical Faculty. Retired 1932.*
 W. Bruce Almon, M. D., C. M. (Dal.), F. R. C. S. (C.), *Asso-
 ciate Professor of Obstetrics. Retired, 1932.*

ACADEMIC STAFF.

FACULTY OF ARTS AND SCIENCE, 1933-34.

- Carleton Stanley, B. A. (Tor. et Oxon.), M. A. (Oxon.),
 LL. D. (Tor.), F. R. S. C., *President of the University, 24
 Oxford St.*
 Murray Macneill, B. A. (Dal.), M. A. (Harv.), *Church of Scot-
 land Professor of Mathematics and Head of Department, 93
 Inglis St.*
 Howard Logan Bronson, B. A., Ph. D. (Yale), F. R. S. C.,
*George Munro Professor of Physics and Head of Department,
 364 Morris St.*
 Herbert Leslie Stewart, M. A. (Self. et Oxon.), Ph. D. (Bell.),
 F. R. S. C., *George Munro Professor of Philosophy and Head
 of Department, 75 Larch St.*
 Walter Percy Copp, B. A. (Acad.), B. Sc. (McGill), M. E. I. C.,
*Professor of Civil Engineering and Head of Department, 394
 South St.*

†Died during year.

- John Hamilton Lane Johnston, M. Sc. (Dal.), Ph. D. (Yale),
Professor of Physics, 265 South St.
 Carleton Bell Nicholson, A. M. (Clark), *McLeod Professor
 of Chemistry and Head of Department, 345 Morris St.*
 A. Stanley Walker, M. A. (Leeds and Birm.), B. Litt. (Oxon.),
Professor of History (King's), 13 Oakland Rd.
 Francis-René Gautheron, Agrégé des Lettres (Paris),
*McLeod Professor of French and Head of Department of Modern
 Languages.*
 George Hugh Henderson, B. A., B. Sc., M. A. (Dal.), Ph. D.
 (Cantab.), F. R. S. C., *Professor of Mathematical Physics
 (King's), 74 Morris St.*
 George Earle Wilson, M. A. (Queen's), Ph. D. (Harv.),
*George Munro Professor of History and Head of Department,
 75 Morris St.*
 Edward Wilber Nichols, M. A. (Dal.), Ph. D. (Yale), *McLeod
 Professor of Classics and Head of Department, 56 York Park
 St.*
 Robert Alexander MacKay, B. A. (Tor.), Ph. D. (Prince-
 Eric Dennis Memorial Professor of Government and Political
 Science.
 Crane Wilson Smith, B. A. (Mo.), LL. B. (Colo.), Ed. M.,
 Ed. D. (Harv.), *Professor of Education, 55 Robie St.*
 Hugh Phillip Bell, M. Sc. (Dal.), Ph. D. (Tor.), *Professor of
 Botany and Head of Department of Biology, 55 Oakland Rd.*
 James Michael MacDonald, B. A. (St. F. X.), M. B. A. (Harv.),
 William A. Black Professor of Commerce.
 Harold Raymond Theakston, B. Sc. (Mining) (N. S. T. C.),
 A. M., E. I. C., *Professor of Drawing and Descriptive Geometry,
 and Engineer in charge of Buildings and Grounds, 27 Oakland
 Rd.*
 Charles Lindsay Bennet, M. A. (Cantab.), A. M. (Harv.),
*George Munro Professor of English Literature and Head of
 Department, 392 South St.*
 George Vibert Douglas, M. C., M. Sc., B. Sc. (McGill),
 F. G. S., *Carslegue Professor of Geology, 23 Connaught Ave.*
 Arthur Kent Griffin, M. A. (Tor. et Oxon.), Ph. D. (Tor.),
Professor of Classics (King's), 4 Studley Ave.
 Charles Henry Mercer, M. A., B. Com. (Manch.), *Associate
 Professor of Modern Languages, 3 Chestnut St.*
 A. E. Leim, B. A., Ph. D. (Tor.), *Associate Professor of Zoology
 (Fisheries), Fisheries Experimental Station.*
 Harold Skinner King, A. B., Ph. D. (Harv.), *Associate Pro-
 fessor of Chemistry, Armdale.*
 S. A. Heatty, M. A. (Queen's), Ph. D. (McGill), *Associate
 Professor of Biochemistry (Fisheries), Fisheries Experimental
 Station.*
 William Russell Maxwell, B. A. (Dal.), M. A. (Harv.), *Asso-
 ciate Professor of Economics (King's), King's College.*
 Carl Cowan Coffin, B. A. (Dal.), M. Sc., Ph. D. (McGill),
Associate Professor of Chemistry, 27 Chestnut St.

- Frederick Ronald Hayes, B. Sc., M. Sc., (Dal.), Ph. D. (Liverpool), Associate Professor of Zoology, 82 Oxford St.
- John Burns Martin, M. A. (Tor.), Ph. D. (Harv.), Associate Professor of English (King's), 84 Oakland Rd.
- Samuel Henry Primes, M. A. (Tor.), Ph. D. (Col.), Associate Professor of Economics and Sociology (King's), King's College.
- John Geoffrey Adahad, M. A. (Cantab.), Associate Professor of Mathematics (King's), 78 Morris St.
- Charles Walmesley, M. A. (Cantab.), Assistant Professor of Mathematics, 6 Studley Ave.
- Francis Hilton Page, M. A. (Tor.), Assistant Professor of Psychology (King's), King's College.
- Ernest Hess, M. A. (Queen's), Assistant Professor of Bacteriology (Fisheries), Fisheries Experimental Station.
- Dixie Folluet, M. A. (Tor.), M. A., Ph. D. (Bryn Maur), Assistant Professor of Biology, Forrest Building.
- Arthur Russell Jewitt, B. A. (Dal. et Oxon.), M. A. (Oxon.), Assistant Professor of English (King's), Oxford Apartments, 69 Inglis St.
- Edith Mabel Mason, B. A. (King's), M. A. (Dal.), Assistant Professor of French, King's College.
- Lionel Pearson, B. A. (Oxon.), Lecturer in Classics, 127 Coburg Rd.
- D. LeB. Cooper, M. Sc. (Dal.), Ph. D. (McGill), Lecturer in Chemistry (Fisheries), Fisheries Experimental Station.
- Ebenezer Walter Todd, B. A. (Dal.), Instructor in Chemistry, 33 Chestnut St.
- Margaret Ruth Butler, B. A., M. Sc. (Dal.), Ph. D. (Tor.), Special Lecturer in Botany, 264 Robie St.
- Harold James Egan, B. A., B. Com. (Dal.), Assistant in Commerce, 2 Summer St.
- Claude Kilbourn Hewson, B. Sc. (Dal.), Assistant in Geology, 32 Coburg Rd.
- Carl McKinley, Examiner in Music, New England Conservatory of Music, Boston, Mass.
- Charles Arthur Herald, B. Sc., (Dal.), James Gordon MacGrigor Memorial Fellow in Physics.
- George Ransom Smith, B. Sc. (Dal.), Demonstrator in Chemistry.
- John Harrison Cleveland, B. A. (Dal.), Student Assistant in Elementary Latin.
- Alice Madeline Page, M. A. (Dal.), Student Assistant in English.
- Elias Andrews, B. A. (Dal.),
- Edgar Wendell Hewson, B. A. (Mt. A.), M. A. (Dal.),
- Carl Marx Mushkat, B. Sc. (Dal.),
- John Rupert Longard, B. Sc. (Dal.),
- Anna Muriel Olding, B. Sc. (Dal.),
- Stuart Johnston, B. Sc. (Dal.),

Student Assistants in Physics.

Student Assistants in Chemistry.

Frederick William Sparks, B. A., B. Sc. (Mt. A.), Special Demonstrator in Physics.

William Robert Inman, B. Sc. (Dal.), [Student Assistant-Elizabeth Campbell Saunders, B. Sc. (Dal.), onts in Biology, Dean of Underclassmen, Professor G. E. Wilson.

Secretary of the Faculty, Professor E. W. Nichols.

Committee on Professor MacNeill, Chairman.

Studies and Professor Bennett, Secretary.

Attendance Professor Wilson and Johnstone.

Committee on Professor Bennett, Chairman.

Library Professors Henderson, Wilson and Nichols.

Special Lecturers.

Jotham Wilbur Logan, M. A. (Dal.), Lecturer in Classics, 70 Morris St.

James William Falconer, M. A. (Edin.), D. D. (Knox), Lecturer in Archaeology and Fine Arts, Franklyn St.

Harry Dean, Lecturer in Music and Examiner in Theory of Music, 95 Henry St.

William Gladstone Watson, B. A. (Tor.), D. D. (Victoria), Lecturer in Biblical Literature, Franklyn St.

Daniel Cobb Harvey, B. A. (Dal.), M. A. (Oxon.), F. R. S. C., Archivist of the Public Archives of Nova Scotia, Lecturer in Canadian History, 325 Quinpool Rd.

FACULTY OF LAW, 1932-34.

Carleton Stanley, B. A. (Tor. et Oxon.), M. A. (Oxon.), LL. D. (Tor.), F. R. S. C., President of the University.

Benjamin Russell, M. A., D. C. L. (Mt. Ath.), LL. D. (Dal.), Professor of Law.

Sidney Earle Smith, M. A. (King's), LL. B. (Dal.), Weldon Memorial Professor of Law, 17 Bloomingdale Terrace.

*Horace Emerson Read, B. A. (Acad.), LL. B. (Dal.), LL. M. (Harv.), George Mans Professor of Law.

Vincent Christopher MacDonald, B. A., LL. B. (Dal.), Russell Professor of Law, 35 Oxford St.

John Willis, B. A. (Oxon.), Lecturer in Law, 2 Vernon St.

George Herbert Crosse, B. A., LL. B., (Dal.), LL. M. (Harv.), Lecturer in Law, 44 LeMarchant St.

C. J. Burchell, M. A., LL. B., (Dal.), K. C., Lecturer in Shipping

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

J. W. Godfrey, B. A. (Dal.), B. C. L. (Oxon.), Lecturer in History of English Law.

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

J. A. Walker, M. A. (C. U. A.), LL. B. (Dal.), K. C., Lecturer in Practical Statutes.

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

Hon. W. F. Carroll, B. A. (St. F. X.), LL. B. (Dal.), Justice of the Supreme Court of Nova Scotia, Lecturer in Evidence.

*Granted leave of absence for 1933-34

C. B. Smith, K. C., *Lecturer in Procedure.*
Dean of the Faculty, Professor S. E. Smith.
Secretary of the Faculty, Professor V. C. MacDonald.

Special Lecturers.

Hon. R. H. Graham, LL. B. (Dal.), *Justice of the Supreme Court of Nova Scotia, Legal Ethics.*
 Hector McInnes, LL. B. (Dal.), K. C., *Trustee.*
 T. R. Robertson, B. A., LL. B., (Dal.), K. C., *Crown Counsel.*
 F. H. Milner, K. C., *Consealing.*
 J. L. Isley, B. A. (Acad.), LL. B. (Dal.), K. C., *Preparation for Civil Trial.*
 J. G. Fogo, LL. B. (Dal.), *Probate Practice.*
 R. P. Smith, M. D., Ch. B. (Glas.), D. P. H. (Glas. et Edin.)
Medical Jurisprudence.
 Captain W. F. Mitchell, *Navigations.*

FACULTY OF MEDICINE, 1932-34.

Carlton Stanley, B. A. (Tor. et Oxon.), M. A. (Oxon.), LL. D. (Tor.), F. R. S. C., *President of the University.*
 H. K. MacDonald, M. D., C. M. (McGill), F. R. C. S. (C.),
Professor of Surgery and Clinical Surgery, 44 Coburg Rd.
 Erid Gordon Young, B. A., M. Sc. (McGill), Ph. D. (Cantab.), *Professor of Biochemistry, 189 Oxford St.*
 Ralph Paterson Smith, M. D., Ch. B. (Glas.), D. P. H. (Glas. et Edin.), *Professor of Pathology and Bacteriology, 20 Chestnut St.*
 Ernest William Henderson Cruickshank, M. D. (Aber.), D. Sc. (Lond.), Ph. D. (Cantab.), M. R. C. P. (Lond.), F. R. S. (Edin.), *Professor of Physiology, Armdale House.*
 Kenneth A. MacKenzie, M. D., C. M. (Dal.), F. R. C. P. (C.), *Professor of Medicine and Clinical Medicine, 59 Spring Garden Rd.*
 J. G. MacDougall, M. D., C. M. (McGill), F. R. C. S. (C.), *Professor of Surgery and Clinical Surgery, 35 Spring Garden Rd.*
 E. Kirk Macelllan, M. D., C. M. (Dal.), F. R. C. S. (C.), *Professor of Obstetrics and Demonstrator in Practical Obstetrics, 155 South St.*
 George H. Murphy, M. D., C. M. (Dal.), F. R. C. S. (C.), *Professor of Surgery and Clinical Surgery, 28 Carleton St.*
 H. E. Atlee, M. D., C. M. (Dal.), F. R. C. S. (Edin. et Can.), *Professor of Obstetrics and Gynaecology and Demonstrator in Practical Obstetrics, York Apartments.*
 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, 34 Morris St.*
 Raymond Jackson Bean, M. S. (N. H.), *Professor of Histology and Embryology, 25 Chestnut St.*

Donald Mainland, M. B., Ch. B., D. Sc. (Edin.), Dr. D. G. J. Campbell Memorial Professor of Anatomy, Armdale House.
 Nikolaus Bernard Dreyer, E. A. (Cape et Oxon.), M. A. (Oxon.), M. R. C. S. (Eng.), L. R. C. P. (Lond.), *Professor of Pharmacology, Medical Science Building.*
 Harry Goudge Grant, M. D., C. M. (Dal.), M. R. C. S., L. R. C. P. (Lond.), *Professor of Preventive Medicine, 115 Oxford St.*
 Allan Lockhart McLean, M. D., C. M. (Dal.), C. P. H. (J. H. U.), *Professor of Epidemiology, Public Health Clinic.*
 M. J. Carney, B. A. (Dal.), M. D., C. M. (McGill), F. R. C. P. (C.), *Professor of Paediatrics and Assistant Professor of Clinical Medicine, 115 Oxford St.*
 Robert Arthur Hallburton MacKeen, M. D., C. M., (McGill), *Assistant Professor of Pathology and Bacteriology and Demonstrator in Clinical Medicine, 143 Oakland Rd.*
 Frank G. Mack, B. A. (Dal.), M. B. (Tor.), F. R. C. S. (C.), *Assistant Professor of Urology and Dermatology, 149 Spring Garden Rd.*
 James R. Corston, B. A., M. D., C. M. (Dal.), F. R. C. P. (C.), *Assistant Professor of Medicine and Clinical Medicine, 46 Coburg Rd.*
 W. Alan Curry, M. D., C. M. (McGill), F. R. C. S. (Eng.), *Assistant Professor of Surgery and Clinical Surgery, 121 South Park St.*
 A. R. Cunningham, B. A., M. D., C. M., (Dal.), F. A. C. S., *Assistant Professor of Diseases of the Eye, 240 Barrington St.*
 A. E. Doull, M. D., C. M. (McGill), F. A. C. S., F. R. C. S. (C.), *Assistant Professor of Diseases of the Ear, Nose and Throat, 34 Morris St.*
 Gordon B. Wiswell, B. A., M. D., C. M. (Dal.), *Assistant Professor of Paediatrics, 154 Robie St.*
 Collingwood William Startup, B. Sc. (Aber.), *Assistant in Physiology, 16 Waterloo St.*
 Elizabeth Smith Bean, B. A. (Cinn.), M. A., Ph. D. (Wis.), *Instructor in Histology and Embryology, 28 Chestnut St.*
 G. A. Burbridge, *Dean of Maritime College of Pharmacy, Lecturer in Materic Medicine, 46 Oakland Rd.*
 J. L. Churchill, B. A. (Acad.), M. D., C. M. (McGill), *Lecturer in Medicine, 7 Quinpoil Rd.*
 T. M. Semelwicz, M. D., C. M. (Dal.), *Lecturer in Medicine and Clinical Medicine, 4 Oakland Rd.*
 S. R. Johnston, M. D., C. M. (Dal.), *Lecturer in Medicine and Clinical Medicine and Demonstrator in Radiology, 40 South Park St.*
 Clyde W. Holland, B. A., M. D., C. M. (Dal.), *Demonstrator in Anatomy, Pathology and Bacteriology, and Lecturer in Medicine and Clinical Medicine, 119 Spring Garden Rd.*
 Frank V. Woodbury, M. D., C. M. (Dal.), L. R. C. S., L. R. C. P. (Edin.), L. F. S. (Glas.), *Lecturer in Medical Jurisprudence, 195 South Park St.*

- C. E. Kinley, M. D., C. M. (Dal.), Lecturer in Surgery and Demonstrator in Clinical Surgery, 18 Summer St.
- W. D. Forrest, B. Sc., M. D., C. M. (Dal.), Lecturer in Hygiene and Public Health, 257 Harrington St.
- G. R. Burns, M. D., C. M. (Dal.), Lecturer in Medicine and Clinical Medicine, 81 South Park St.
- A. F. Miller, M. D., C. M. (Dal.), Lecturer in Medicine, Nova Scotia Sanatorium, Kentville, N. S.
- Philip Wenthurbe, M. B., Ch. B. (Edin.), Demonstrator in Clinical Surgery, 57 Coburg Rd.
- F. E. Lawlor, M. D., C. M. (McGill), Demonstrator in Mental Diseases, Dartmouth.
- J. F. Lessel, M. D., C. M. (Dal.), Demonstrator in Anaesthetics, 151 South Park St.
- P. A. Macdonald, M. D., C. M. (McGill), Demonstrator and Chief of Clinic in Practical Obstetrics, 181 Spring Garden Rd.
- W. L. Muir, M. D., C. M. (McGill), Demonstrator in Anaesthetics, 240 Jubilee Rd.
- J. G. D. Campbell, M. D., C. M. (Dal.), Demonstrator in Paediatrics, 467 Brunswick St.
- D. J. Macdonald, M. D., C. M. (McGill), Demonstrator in Clinical Surgery, 188 South St.
- T. B. Acker, M. D., C. M. (Dal.), Demonstrator in Clinical Surgery, 188 Henry St.
- H. W. Kirkpatrick, M. D., C. M. (Dal.), Demonstrator in Diseases of the Eye, 50 Vernon St.
- V. O. Mader, M. D., C. M. (McGill), Demonstrator in Clinical Surgery, 149 South Park St.
- Hugh W. Schwartz, M. D., C. M. (Dal.), Demonstrator in Diseases of the Ear, Nose and Throat, 189 South Park St.
- A. M. Marshall, M. D., C. M. (Dal.), Demonstrator in Clinical Medicine, 8 Black St. On leave.
- N. H. Gosse, M. D., C. M. (Dal.), Demonstrator in Pathology and in Clinical Surgery, 82 Spring Garden Rd.
- H. D. O'Brien, M. D., C. M. (Dal.), Demonstrator in Clinical Surgery, 169 Robie St.
- J. W. Merritt, M. D., C. M. (Dal.), Demonstrator in Clinical Medicine, 62 Walnut St.
- W. G. Colwell, M. D., C. M. (Dal.), Demonstrator in Clinical Gynaecology and in Practical Obstetrics, 54 Seymour St.
- A. R. Morton, M. D., C. M. (Dal.), Demonstrator in Mental Diseases, 2 Brenton Place.
- John Rankine, B. A., M. D., C. M. (Dal.), Demonstrator in Clinical Medicine, 19 Kaye St.
- A. E. Doull, Jr., M. D., C. M. (Dal.), Demonstrator in Diseases of the Ear, Nose and Throat, 28 Chestnut St.
- J. C. Acker, M. D., C. M. (McGill), Demonstrator in Clinical Surgery, 22 Beech St.
- J. W. MacIntosh, M. D., C. M. (Dal.), Demonstrator in Clinical Medicine, 39 Coburg Rd.

- J. W. Reid, M. D., C. M. (Dal.), M. R. C. P. (Lond.), Demonstrator in Clinical Medicine, 13 Spring Garden Rd.
- A. L. Murphy, M. D., C. M. (Dal.), Demonstrator in Clinical Surgery, Cor. Inglis and Robie Sts.
- F. A. Minshull, M. D., C. M. (Dal.), Demonstrator in Paediatrics, 23 South Park St.
- R. W. M. MacKay, M. D., C. M. (Dal.), Demonstrator in Mental Diseases, Nova Scotia Hospital.
- K. F. J. Hayes, B. A., M. D., C. M. (Dal.), Demonstrator in Urology, 171 Spring Garden Rd.
- N. Harrie Coward, M. D., C. M. (Dal.), Demonstrator in Paediatrics, 25 Coburg Rd.
- J. V. Graham, M. D., C. M. (Dal.), Demonstrator in Anatomy, 51 Coburg Rd.
- J. Arnold Noble, B. A. (Acad.), M. B., Ch. B., F. R. C. S. (Edin.), Demonstrator in Anatomy, 93 Coburg Rd.
- William Allister Crandall, B. A. (Acad.), Student Assistant in Biochemistry.
- Marjorie E. Trafry, Assistant in Hygiene, Public Health Clinic, Morris St.

Deans of the Faculty, Professor Grant.
Secretary of the Faculty, Professor Bean.

President Stanley
Dean Grant
Professor Bean, Secretary.
Dr. Young
Dr. Dreyer
Dr. Mainland
Dr. H. K. MacDonald
Dr. K. A. MacKenzie
Dr. H. B. Atlee

FACULTY OF DENTISTRY, 1933-34.

- Carleton Stanley, B. A. (Tor. ed Oxon.), M. A. (Oxon.), LL. D. (Tor.), F. R. S. G., President of the University.
- S. G. Ritchie, B. A. (U. N. B.), D. M. D. (T. D. C.), Professor of Dental Anatomy and Comparative Dental Anatomy and Prosthetic Dentistry, 36 South St.
- G. K. Thomson, D. D. S. (P. D. C.), F. A. C. D., Professor of Hygiene and Preventive and Clinical Dentistry, 277 Tower Rd.
- F. V. Woodbury, M. D., C. M. (Dal.), L. R. C. S., L. R. C. P. (Edin.), L. F. S. (Glas.), Professor of Oral Surgery, Anaesthetics and Physical Diagnosis, 145 South Park St.
- W. W. Woodbury, B. Sc. (Dal.), D. D. S. (P. D. C.), Professor of Orthodontia, 78 Spring Garden Rd.
- W. H. H. Beckwith, D. D. S. (U. of P.), Professor of Operative Dentistry, 304 Harrington St.
- W. C. Osner, D. D. S., (B. C. D. S.), Professor of Crown and Bridge Work and Ceramics, Birks Building.
- J. Stanley Bagnall, D. D. S. (Dal.), F. A. A. R. D., Professor of Dentistry, 771 Larch St.

(Page 14. Prof. Stanley Psychology and medicine)
Dr. Gordon, Ch. B. and Prof. Psychology
Dr. Gordon, Ch. B. and Prof. in Medicine
Robertson, M. D. and Prof. in Medicine

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- G. R. Hennigar, D. D. S. (Univ. of Md.), *Professor of Ecodontia and Radiology, Roy Building.*
- A. W. Faulkner, D. D. S. (Dal.), F. A. C. D., *Lecturer in Crown and Bridge Work and Ceramics, 69 Göttingen St.*
- K. F. Woodbury, D. D. S. (Dal.), *Lecturer in Materia Medica, 177 South Park St.*
- G. A. Chadleigh, D. D. S. (S. C. D. S.), *Lecturer in Operative Dentistry, General Trust Building.*
- C. B. H. Climo, D. D. S. (Dal.), *Lecturer in Prosthetic Dentistry, 381 Harrington St.*
- H. S. Crosby, D. D. S. (Dal.), *Lecturer in Dental History, Jurisprudence, Ethics and Economics, 381 Harrington St.*
- Margaret E. odie, *Lecturer in Drawing and Modelling and Metallurgy, 61 Williams St.*
- G. M. Logan, D. D. S. (Dal.), *Demonstrator in Dental Metallurgy, Birks Building.*
- W. G. Dawson, D. D. S. (Dal.), *Demonstrator in Crown and Bridge Work and Ceramics, Birks Building.*
- A. Bearden Haverstock, D. D. S. (Dal.), B. Sc. (Dent.) (Tor.), *Lecturer in Dental Pathology and Therapeutics and Demonstrator in Pre-School Age Clinic, Roy Building.*
- S. K. Oldfield, D. D. S. (Dal.), *Demonstrator in the Adult Clinic, 381 Harrington St.*
- John W. Dabson, D. D. S. (Dal.), *Demonstrator in the Adult Clinic, 381 Harrington St.*
- Dr. S. G. Ritchie,
Dr. G. K. Thomson,
Dr. W. W. Woodbury,
Dr. W. H. H. Beckwith,
Dr. W. C. Oxner,
Dr. J. S. Bagnall,
- } *Demonstrators in Dental Subjects.*
- O. Gardner, *Technician in Prosthetic Dentistry, 42 LeMarchant St.*
- Dean of the Faculty, Dr. Thomson.*
Secretary of the Faculty, Dr. Bagnall.

*Committee on
Studies and
Attendance*

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

Dalhousie University

INTRODUCTION.

HISTORICAL SKETCH.

Dalhousie University may be said to have begun when the British Government, in 1818, sanctioned the institution of a college at Halifax, Nova Scotia. The original endowment was part of the customs collected at the port of Castine, in the present State of Maine, while it was occupied by a Halifax expedition during the latter part of the War of 1812. This use for the fund had been proposed by a Lieutenant Governor of Nova Scotia, George Ramsay, ninth Earl of Dalhousie, who had the satisfaction of laying the corner stone of the building, May 25, 1820. In doing so he made an address, containing these words: "This College of Halifax is founded for the instruction of youth in the higher Classics and in all Philosophical studies; it is founded in imitation of the University of Edinburgh;..... it is founded upon the principles of religious toleration;..... From this college every blessing may flow over your country;..... May it continue to dispense them to the latest ages! Let no jealousy disturb its peace; let no lukewarm indifference check its growth! Protect it in its first years, and it will abundantly repay your care!"

Despite this fervent appeal and prophecy, the College did not begin to function till 1830. King's College, at Windsor, was already in existence. There was not room for the two institutions and efforts at union were unavailing. King's College admitted only adherents of the Church of England. In 1838, Pictou Academy joined forces with Dalhousie, its Principal, the famed Dr. McCulloch, becoming President of Dalhousie, and £200 of the £400 annual grant to Pictou Academy being transferred with him. Two other teachers joined him in Dalhousie. But, in 1845, Dr. McCulloch died and the college closed its doors, though in the next two decades it showed some discontinuous activity as a school.

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

Sixteen years later, George Munro began a series of gifts, chairs and scholarships, on a scale hitherto unknown in Canada. The result was not only a nucleus of some of the most famous university teachers in Canadian history; these teachers had among their students the cream of maritime schools—students who exerted an influence out of proportion to their numbers. Unfortunately these scholarships were continued for a decade only.

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

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

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

In 1911, the University purchased the property of the Halifax Medical College (whose history went back to 1848) and undertook a full medical curriculum. New buildings for the use of medicine have since been added to the East Campus, close to the civic and provincial hospitals.

In 1912, the Faculty of Dentistry was established.

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

BENEFACTIONS.

Presbyterian Church of the Lower Provinces	1862.	Per annum about	£850
<i>Support of two Professors. Withdrawn on death of first two incumbents.</i>			
Church of Scotland.	1843.	Per annum about	£550
<i>Endowment Chair of Mathematics.</i>			
Alexander McLeod.	1882.		\$65,000
<i>Endowment of Chairs in Classics, Modern Languages, and Chemistry.</i>			
Mrs. Harriet Mackenzie Morrison, Stornoway, Scotland.	1887.		£1,000
<i>Foundation Mackenzie Bursary Fund</i>			
Sir William Young, Chairman of the Board for over forty years prior to 1887.	1887.	In total over	\$68,000
<i>Toward erection of new building on Carleton Street</i> \$20,000			
<i>Scholarships in Arts</i> 4,000			

George Munro.	1879-1889.	About	\$350,000
<i>Endowment of Chairs in Physics, History and Political Economy, English Literature, Law, and Metaphysics. Tutorships in Classics and Mathematics. Exhibitions and Bursaries in Arts.</i>			
John F. Mott.	1890.		\$10,000
<i>"For the benefit of each College, so long as it shall remain and continue to be a non-sectarian institution."</i>			
Rev. Wm. McCulloch, D.D.	1897.		\$1,600
<i>Endowment and Support of "Thomas McCulloch Museum."</i>			
Professor Charles Macdonald.	1902.		\$2,000
<i>Library Endowment.</i>			
Campaign.	1902.	About	\$60,000
<i>School of Mines.</i>			
James H. Dunn, London, England.	1910.		\$1,000
<i>For Microscopes for Biology Department.</i>			
Campaign Fund.	1912.	About	\$400,000
<i>Purchase of Studies. Erection of New Buildings. Increase of Endowment.</i>			
Andrew Carnegie.	1912.	(Of above Fund)	\$40,000
<i>Toward the erection of the Science Building.</i>			
New Glasgow Literary and Historical Society.	1912.		\$1,000
<i>Jetham Blanchard Fund for endowment of annual Scholarship.</i>			
Campaign.	1909-1913.		\$17,500
<i>For Increase of Salaries.</i>			
Dr. D. A. and Mrs. Campbell.	1914.	About	\$60,000
<i>Endowment of Dr. D. G. J. Campbell Memorial Chair of Anatomy.</i>			
Alumni Association.	1902-1914.		\$25,000
<i>For the erection of the Macdonald Memorial Library.</i>			
Joseph Matheson, Lower L'Ardoise, C.B.	1915.		\$15,000
<i>"To be applied in such manner as to the said Governors shall appear best."</i>			
Lieut. George W. Stairs.	1915.		\$5,000
<i>"For the good of the University."</i>			
Professor John Johnson.	1915.	Books and	\$1,000
<i>"For the use of the Arts Library."</i>			
John Macnab.	1916.	About	\$96,000
<i>"Extending and maintaining the Library."</i>			
Alumni Association.	1912-1916.		\$6,100
<i>For Biology Chair.</i>			
Mr. and Mrs. George S. Campbell.	1917.		\$25,000
<i>Creation of "George H. Campbell Scholarship Fund."</i>			
Dr. A. Ross Hill, President University of Missouri.	1917.		\$1,800
<i>Endowment "Agnes Baxter Library" Fund for Mathematics and Mathematical Physics.</i>			

Carnegie Corporation of New York.	1915.	About	\$21,000
<i>For damages done by Explosion.</i>			
Senator Wm. Dennis.	1919.	\$2,050	
<i>For Eric Dennis Special Lecturers.</i>			
Senator Wm. and Mrs. Dennis.	1915-1920.	\$100,000	
<i>Endowment "Eric Dennis Chair of Government and Political Science."</i>			
	1920.	\$1,500	
<i>"For the purchase of books relating to the subject of "Government and Political Science."</i>			
Campaign—Centennial (not including Subscriptions for specific purposes).	1920.	\$439,000	
<i>For general purposes.</i>			
Mrs. E. B. Eddy.	1920.	\$300,000	
<i>For the erection of a Residence for Women.</i>			
Rockefeller Foundation.	1920.	\$500,000	
Carnegie Corporation of New York.	1920.	\$500,000	
<i>Development of the Medical School.</i>			
Hon. William A. Black.	1921.	\$60,000	
<i>Endowment "William A. Black Chair of Commerce."</i>			
Mrs. Elise Stewart Strathie.	1921.	\$1,500	
<i>Foundation "Strathie Memorial Fund," for Philosophy Department of the Library.</i>			
Khaki University of Canada.	1921.	\$4,500	
<i>Endowment "Khaki University and Young Men's Christian Association Memorial Scholarship Fund."</i>			
New Glasgow Relatives of Professor James Gordon MacGregor.	1922.	\$4,000	
<i>Endowment "James Gordon MacGregor Memorial" for Teaching Fellowship in Physics and Equipment Physics Laboratory.</i>			
Dr. A. M. Hebb, Dartmouth, N. S.	1922.	\$1,000	
<i>Foundation "Dr. Clara Oding Prize" in Medicine.</i>			
Alumni Association.	1921-1922.	\$9,912	
<i>Yoward reaction of Gymnasium.</i>			
Estate Robert Bruce, Quebec.	1922.	\$57,500	
<i>One-seventh of income from Bursaries and Scholarships.</i>			
Alumnae Association.	1922.	Over	\$6,500
<i>Furnishings Shirreff Hall.</i>			
<i>Stained glass window in memory of Mrs. Eddy.</i>			
Mrs. Edith J. Richardson.	1923.	\$1,000	
<i>For Shirreff Hall.</i>			
Rt.-Hon. R. B. Bennett.	1925.	\$20,000	
<i>Residence for the President of the University.</i>			
Halifax Branch of the Overseas League.	1925.	\$1,000	
<i>Essay Prize.</i>			
Miss Belle C. Crowe, Madison, Wisconsin.	1925.	\$10,000	
<i>(On the death of her sister). Reversion of Foundation "Belle Crowe Fellowship Fund," for a Fellowship in Inorganic Chemistry.</i>			

Rev. Joseph and Mrs. Hale, Dartmouth, N. S.	1925.	\$1,000	
<i>Foundation "Katherine M. Buttenshaw Scholarship Fund for the encouragement of the study of Advanced Mathematics."</i>			
Carnegie Corporation of New York.	1926.	\$10,000	
<i>Fine Arts Teaching Collection. Valued at</i>			
Dr. John Ferguson Black, Stone, England.	1926.	\$1,000	
<i>For Surgical Teaching.</i>			
J. T. Shirreff.	1926.	\$250,000	
<i>(On the death of his widow). For "Eddy-Shirreff Foundation" especially for the extension to Shirreff Hall.</i>			
Colonel R. W. Leonard.	1926.	\$35,000	
<i>Endowment "Leonard Science Library of Periodical Literature."</i>			
Rockefeller Foundation.	1926-1927.	\$10,000	
<i>For the teaching of Hygiene.</i>			
George S. Campbell.	1927.	Reversion of large portion of Estate.	
<i>Foundation for a "George S. Campbell Chair or Chairs."</i>			
Estate Senator Dennis.	1927.	\$2,000	
<i>Eric Dennis Government and Political Science Library Fund.</i>			
Children of Rev. George Patterson, D. D.	1925.	\$4,000	
<i>Foundation of "Rev. George Patterson, D. D. Transiting Library."</i>			
Estate Mr. Justice T. Sherman Rogers.	1925.	\$1,000	
<i>"For the improvement of the Library in Law."</i>			
Rt.-Hon. R. B. Bennett.	1925.	\$25,000	
<i>Towards Endowment of the Weldon Memorial Chair of Law.</i>			
Estate of Mrs. E. B. Eddy.	1929.	Residue	\$70,000
<i>For "Eddy-Shirreff Foundation."</i>			
Carnegie Corporation of New York.	1929.	\$400,000	
<i>For Endowment.</i>			
W. J. G. Thomson.	1929.	\$2,000	
<i>For general purposes.</i>			
British Empire Steel Corporation.	1925-1929.	\$30,000	
<i>For the encouragement of Scientific Research.</i>			
Carnegie Corporation of New York.	1929.	\$600,000	
<i>"For the joint benefit of King's and Dalhousie."</i>			
Carnegie Corporation of New York.	1929-1930.	\$2,800	
<i>For Dental Library.</i>			
Estate Mrs. E. B. Eddy.	1930.	\$350,000	
<i>Establishment "Eddy-Shirreff Foundation," for "improvement and maintenance of Shirreff Hall," "to complete Shirreff Hall," "to grant scholarships, or other method of assisting worthy young women."</i>			
Mrs. J. Ross Smith.	1930.	\$3,000	
<i>Foundation "Jess Stewart Smith Scholarships" in Medicine and Science.</i>			

Miss Mary Burris, Boston, Mass. 1936.	Reversion of her Estate. <i>Foundation of a Foreign Travelling Scholarship.</i>	
Sir James H. Dunn. 1931.	\$5,000 <i>Towards Endowment of the Weldon Memorial Chair of Law.</i>	
C. H. Mitchell. 1923-1931.	\$1,045 <i>For Departments of Biology and Chemistry, and Students' Loan Fund.</i>	
Anonymous. 1932.	First instalment \$500 <i>Four Scholarships in Classics and Mathematics.</i>	
Dr. Leonard M. Murray, Toronto. 1931.	One-third of resid- (After death of beneficiary), <i>For "Department of Medicine in Dalhousie University."</i>	due of Estate.
Rev. Byron Ulric Hatfield, Westerly, Rhode Island. 1931.	Residuary legatee of Estate. <i>For Scholarships.</i>	
Dr. W. H. Hattie. 1931.	Residuary legatee (On the death of Mrs. Hattie).	
Dr. Wm. Inglis Morse. 1922-1934.	Collection of books, bookcases, busts, maps, etc.	
James D. McKenna. 1926-1932.	\$5,000 <i>Foundation "The Elizabeth McKenna Scholarships."</i>	
Carnegie Corporation of New York. 1932.	\$9,000 <i>For the University Library.</i>	
Dr. Dougald Macgillivray. 1932.	Bronze Bust of 9th. Earl of Dalhousie, the work of Massey Rhind, A.R.S.A.	
Hon. J. C. Tory. 1927-1932.	\$1,500 <i>For University Library, and Students' Loan Fund.</i>	
Carnegie Corporation of New York. 1932.	\$125,000 <i>Endowment for Geology.</i>	
Rt.-Hon. R. E. Bennett. 1921-1932.	\$2,850 <i>Books for the Law Library on the History of Law.</i>	
North British Society. 1868 to date.	\$4,540 <i>North British Society Centennial Bursary.</i>	
Allan Pallot Scholarship. 1922 to date.	\$2,600	
Commercial Club of Halifax. 1922 to date.	\$2,400 <i>Scholarships.</i>	
Junior League of Halifax. 1932.	\$1,000 <i>For the Immunization Clinic at the Public Health Clinic.</i>	
Senator W. H. Dennis. 1923 to date.	\$6,600 <i>English Prizes for Prose and Poetry.</i>	
Halifax Visiting Dispensary. 1929 and 1932.	\$1,000 <i>"For the Public Health Centre."</i>	
Cogswell Library Fund. 1916 to date.	\$4,275 <i>For Medical Library.</i>	
Nova Scotia Dental Association. 1912 to date.	\$2,895 <i>For Dental Library and Dental Prizes.</i>	

Estate A. M. Banks. 1926-1932.	\$4,350 <i>For general purposes.</i>
Massachusetts-Halifax Health Commission. 1933.	\$13,549 <i>Foundation of "The Commonwealth of Massachusetts Endowment Fund."</i>
Rockefeller Foundation. 1932.	\$8,800 <i>Annual grant for five years. For the Department of Epidemiology.</i>
Miss Grace D. Harris, Vancouver, B. C. 1932.	Reversion of Estate. <i>For Travelling Scholarships.</i>

FACULTIES AND AFFILIATIONS

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

The Faculty of Medicine whose history goes back to 1868. In 1911 the University purchased the property of the Halifax Medical College, and undertook the provision of instruction in all the subjects of the medical curriculum. The group of medical buildings is on the East Campus.

The Faculty of Law was established in 1883. In this year Mr. George Munro endowed the chair of Constitutional and International Law, held by Dean R. C. Weldon for 31 years.

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

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

Since 1928 Dalhousie University has cooperated with the Biological Board of Canada in a course which leads to the degree of B. Sc. (Fisheries). Technical courses are given by the staff of the Biological Board at their Atlantic Experimental Station for Fisheries, Halifax. All other subjects are taught by members of the Dalhousie staff.

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, or on the nomination, with the approval of the Board, of any body of Christians, or of any individual, or number of individuals, supporting a chair in the College. Any such body or individual is entitled to one representative Governor for each chair so supported. The Board has granted to the Alumni Association the privilege of proposing the names of three 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 one member of the Board. The Govern-

sors have the management of the funds and property of the College, the power of appointing the President, Professors and other officials, and of determining their duties and salaries, and the general oversight of the work of the University.

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

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

DEGREES AND COURSES.

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

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

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

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 Fisheries the classes in practical fish curing and culture are given at the Fisheries Experimental Station (Atlantic).

In Household Science the University offers a diploma to students who have completed two years of an Arts and Science course and who have attended and passed in a recognised course in Household Science at the Halifax Ladies' College or other approved institution.

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

Affiliated Courses.—By a proper selection of elective subjects in his course, a candidate may reduce by one year the time

required for the degree of Bachelor of Arts and a professional degree in Law. Similarly a candidate for the degree of Bachelor of Arts or Bachelor of Science may reduce by one year the time required for the combined degrees in Arts or Science and Medicine.

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

There is a B. Sc. course open to medical students who show exceptional ability, which can be taken along with the regular medical course and completed at the end of the third year in Medicine. This course, which is aimed to train the student especially in the technique of laboratory research requires the completion with high standing of thirteen subjects of the regular B. Sc. course in the two premedical years. These subjects will be those at present required in the two premedical years, and, in addition, German 1 and 2, and Philosophy 1.

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 the Rhodes Scholarships exempt from the qualifying examination candidates who are exempt from Responsions by the University of Oxford.

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

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

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

The degree in Medicine from this University is recognized as entitling to the privileges usually granted to graduates in Medicine of Canadian Universities. Graduates of this University in Medicine and Surgery who hold the Licence of the Provincial Medical Board may, on application, be placed on the Colonial List of the British Medical Register. The Medical School having been given the rating of Class A by the Council on Medical Education and Hospitals of the American Medical Association, graduates enjoy all the privileges which this confers.

AFFILIATED INSTITUTIONS.

Fine Hill Divinity Hall.

Principal.....Rev. Clarence Mackinnon, M. A., D. D., LL. D.

The classes and examinations in Hebrew 1 and New Testament Greek 1 conducted at this college are recognized as qualify-

ing 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..... S. N. Robertson, M. A., LL. D.

Students holding High Honour Diplomas of Prince of Wales College, of Charlottetown, P. E. I., are admitted to the third year of the B. A. course in Dalhousie, those holding Honour Diplomas to the second year, and those holding Certificates or First Class Licences to the first year.

Memorial University College.

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

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 advanced standing in classes of the first and second years.

Halifax Conservatory of Music.

Director..... Mr. Harry Dean.

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

The Maritime College of Pharmacy.

Dean..... Mr. G. A. Burbidge.

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

Halifax Ladies' College.

Principal..... Miss E. F. Blackwood, B. A.

Students who have completed the regular course and received the Matriculation Diploma are admitted to the Arts course without further examinations. The University recognizes the teaching in Household Science as part of the qualifications for the diploma in that department.

Convent of the Sacred Heart.

Mother Superior..... Reverend Mother Hughes.

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

Mount St. Vincent College.

Mother General..... Reverend Mother Mary Louise.

Arrangements have been made whereby students from this institution may receive Advanced Standing in classes of the first and second years for work done at the College, and instruction in separate classes in the work of the third and fourth years.

EQUIPMENT.

Libraries.

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

The University Library was instituted in 1867, as the result of an appeal made by the Rev. George M. Grant at Convocation. It contains over 39,000 catalogued volumes, and other books and manuscripts.

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

When the Law Faculty was organized in 1883 it received a number of very generous contributions for a library. Today the Law Library contains about 12,000 volumes, including all the law reports which a student will find it necessary to consult.

The Medical Library, containing about 15,300 volumes, and 4,000 pamphlets, received its real start by the gift of some books and an endowment of £1,000 from Dr. C. Cogswell. It is open on certain conditions to any practitioner in the Province as well as to medical students.

Besides the libraries in the University, students may use, subject to certain conditions, the following libraries: The Legislative Library (31,000 volumes), the Library of Pine Hill Divinity Hall (25,000 volumes and pamphlets), and the Nova Scotia Barristers' Society Library (18,000 volumes).

A building for the Public Archives of Nova Scotia was erected on the University grounds adjacent to the Library in the fall of 1926, through the generosity and public spirit of the late W. H. Chase, Esq., of Wolfville. The collections which are being accumulated in this building, including the notable Akins Library, rich in early Colonial and Canadian History, are of the greatest value to the University for teaching purposes.

THE MUSEUM.

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

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

The Patterson Collection of Indian antiquities was made by the late Rev. George Patterson, D. D., LL. D., F.R.S.C., and presented by him to the University. It contains 280 specimens, cata-

logued and conveniently arranged for reference, including about 250 specimens relating to the aborigines of Nova Scotia.

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 is designed to be ultimately a chemical laboratory only, but for a number of years it will be divided between the departments of Chemistry and Physics. For a short time it houses temporarily also the departments of Geology and Engineering.

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

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

The Out-patient and Public Health Clinic building on Morris Street was opened in November of 1924. The Halifax Dispensary moved to this building and continued its activities from this centre. The Victorian Order of Nurses uses it also as a sub-station for certain of its activities.

GENERAL UNIVERSITY REGULATIONS.†

Registration.

All students of the University are required to enter their names in the Register annually, agreeing to obey all the regulations of the University already made or to be made, and to pay the required fees and deposits before entering any class or taking any examination. After registration and payment of fees a student is given a certificate, on presentation of which to the professors and lecturers whose classes he is entitled to attend his name is entered on the class registers.

Students' Health Service.

1. All students of the University are required to submit to an annual medical examination at the beginning of the session. Women students will be examined at Shirreff Hall; men students at the Public Health Clinic. Lists indicating appointments will be

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

posted early in the session. Failure to keep appointments promptly will be regarded as a breach of University discipline.

2. This service provides for the following:

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

3. The service does not provide for the following:

- (a) Surgical operations;
- (b) Specialist's treatment;
- (c) Special nursing;
- (d) Physician's attendance on infectious diseases;
- (e) Dental treatments;
- (f) Treatment of conditions existing at time of sessional enrollment;
- (g) Illnesses attributable to misconduct;
- (h) Physician's fee for attendance elsewhere than at the Public Health Clinic;
- (i) Hospitalization;
- (j) Any other service not specified in Section 2 hereof.

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

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

6. A short course of lectures on personal hygiene will be given during the session, notice of which will be posted on the bulletin boards. All newly admitted students are required to attend this course. Attendance of other students is optional.

7. All students entering the University who can-

not submit certificates of having been successfully vaccinated shall be required to submit to vaccination.

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 20th. 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 rooms in Shirreff Hall or for exemption from this rule of residence may be made through the Registrar's Office.

The dormitories of Pine Hill Divinity Hall of Halifax are usually available for students of Dalhousie University to the extent of the accommodation not needed by Pine Hill Divinity Hall for its Divinity students. For information and reservations application should be made to the Principal, Pine Hill Divinity Hall, Halifax, N. S.

Arrangements will be made to have someone meet at the train any student coming to Halifax for the first time, if notification is sent in advance of the time of arrival. Also, assistance will be given in finding boarding places. Communications may be addressed to the Registrar of the University, or to the Secretary, Alumni Record Office, Dalhousie University.

Church Attendance.

All students not residing with parents or guardians are required to report to the University Office on or before October 20th the churches which they intend to make their places of worship during the session. Intimation will be made to the various clergymen of the city of the names and addresses of the students who have chosen their respective places of worship.

Discipline.

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

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

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

Non-Academic Student Activities.

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

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

University Library.

The Library is open during the session on every week-day except Saturday, from 9 a. m. till 5.30 p. m., and on Saturday till 1 p. m., and during the greater part of the session from 7.30 to 10.30 every evening and from 2.30 to 5.30 Sunday afternoon.

Books other than those on the reserved lists, may be

taken out by instructors or students and kept for two weeks. They must then be returned to the library.

Books on the reserved lists may be taken out immediately before the closing of the library on any day, and must be returned when it opens on the following day.

Not more than two books may be borrowed at one time by a student not in an Honour course, nor more than four by a student taking Honours.

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

Loan Funds.

A Students' Loan Fund was started by the gift of \$1,000 for the purpose from the Chronicle Publishing Co., Limited, of Halifax, in June, 1912, and has since been increased by other gifts to about \$3,500.

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

The Alumnae Association Loan Fund is available to women students on similar terms, except that a final year student may be granted a maximum of \$200. Apply to Mrs. G. MacG. Mitchell, Jr., 146 Oxford Street, 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.

Caution Deposit.

Each student on registration is required to deposit two dollars as caution money to cover damage

done to furniture, apparatus, etc. This amount, less deductions, if any, will be returned at the close of the session. There shall be no deduction from the Caution Fund for damages which have been charged to or assumed by individuals.

Laboratory Deposits.

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

Unclaimed Deposits.

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

Fee for support of Student Organizations.

At the request of the student body, as expressed by a ballot taken on the question and presented through the Council of the Students, a fee not exceeding \$10.00 is collected on registration from each student who takes more than two classes. This fee entitles the student to the privileges of any or all of the following student organizations: Dalhousie Amateur Athletic Club, Dalhousie Skating Club, Delta Gamma Society, Dalhousie Dramatic Club, Sodales, and to a copy of the Dalhousie Gazette. A student taking less than three classes and desiring to take part in one or more of the above organizations must pay this fee.

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 the 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:

- H. A.—White silk bordered with white fur.
 M. A.—Crimson silk.
 B. Sc.—White silk bordered with scarlet silk.
 M. Sc.—Scarlet silk.
 B. Com.—White silk bordered with light blue silk.
 B. Mus.—White silk bordered with lavender silk.
 LL. B.—White silk bordered with gold coloured silk.
 M. D., C. M.—Scarlet silk bordered with white silk.
 D. D. S.—Scarlet silk bordered with gold coloured silk.
 LL. D.—Purple silk.

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

Conferring of Degrees.

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

By special permission of the Senate degrees may be conferred, in exceptional cases, *in absentia*. Written application giving reasons for the request must be made well in advance to the Secretary of Senate. The additional fee for such degrees conferred at Convocation is \$5.00. (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 26th and 27th and that special lectures for them begin on September 25th.

Women are admitted to classes on the same conditions as men.

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

Students are classified as Graduate Students, Undergraduates, Matriculants and Special Students.

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

Undergraduates are students who have completed Matriculation and are candidates for a Bachelor's degree in Arts or Science or a degree in a professional course. For details of admission to the professional course see pp. 20-24.

Matriculants are students looking forward to a

degree who have not completed Matriculation, but have sufficient subjects of Matriculation to their credit to enable them to have the classes which they may attend and pass recognized as qualifying for that degree. *In the faculty of Arts and Science a Matriculant is one who has passed in English, Algebra, a foreign language, and four other subjects.*

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

Persons of good moral character may be admitted to certain classes as Special Students without formal examination, provided they are deemed qualified by the Committee on Admission to profit by the work of the class or classes selected. A person seeking admission as a Special Student must submit evidence, such as a certificate from the school last attended, that he has a satisfactory knowledge of English and that his other acquirements and habits of study are such as should qualify him to profit by the work of the class or classes he wishes to enter.

Matriculation.

All candidates for a degree must satisfy the requirements for Matriculation, either by passing the Matriculation examinations of this University or by presenting certificates acceptable as equivalents.

The Matriculation examinations will be held at the University, and at such other places as the Senate may appoint, on September 25th to 28th, 1934. For the time-table of the examinations see the University Almanac.

Candidates for the Matriculation examinations must make application on a form to be obtained from the University Office.

The last day for receiving applications for the examinations held at the University for the session of 1934-1935 is Saturday, Sept. 22nd, 1934. Applications for examination at an outside centre should be made one month earlier.

The Matriculation examinations are held in the following subjects, one paper each:

English	Geometry	German
History (British,	Latin	+Physics
Ancient or	Greek	+Chemistry
Modern)	French	*Trigonometry
Algebra		

Subjects Required for each Degree.

The subjects of matriculation common to all degrees are:

(1) English, (2) History, (3) Algebra, (4) Geometry.
The remaining subjects are:

For the B. A. and LL. B. degrees. (5) Physics or Chemistry, (6) Latin or Greek, (7) another foreign language, (8) an elective;

For the B. Com. and B. Sc. degrees. (5) Physics or Chemistry, (6) and (7) two foreign languages, (8) an elective;

For the B. Mus. degree. (5) Physics or Chemistry (6) French, (7) German, (8) an elective;

For the M. D., C. M. and D. D. S. degrees. (5) Physics, (6) Chemistry, (7) Latin, (8) French or German or Greek.

For the requirements for the Engineering Course see pp. 47-48.

Requirements in each subject.

The requirements in each of the subjects specified above are as follows:

English.—Language: Grammar, analysis, parsing. Composition: Essays will be set on a variety of subjects, in which a wide choice will be offered. Some of the subjects may be chosen from texts set for study in Grades XI and XII or the equivalent in the Maritime Provinces, but candidates must understand that they will be judged by their ability to express themselves and not to repeat a set form of words. Other tests of composition, such as letters, paraphrases, and summaries, may be included in the paper to test the candidate's power of expressing himself.

British History.—General outlines, as in *Ontario High School History of England*; or *Tout: History of England, from the earliest times to the death of Queen Victoria*; or Ramsome: *Short History of England*.

*For Engineering students particularly, see p. 47-48.

†Candidates are asked to read carefully the regulations below, under "Subjects required for each Degree," which reveal that for B. A., LL. B., B. Sc., B. Com. and B. Mus. degrees either Physics or Chemistry counts as a degree, whereas intending students of Medicine or Dentistry are required to have both.

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

Modern History.—West: *Modern Progress* (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, fractions, permutations and combinations, as discussed in any high school algebra.

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

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

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

The books prescribed are: Caesar: *Gallie War*, Book I; and Vergil: *Aeneid*, Book I.

Greek.—As under Latin.

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

French.—*Ontario High School French Grammar*, to the end of Lesson LXXXIII. Manley: *Eight French Stories* (Allyn & Bacon). Easy sight translation from French into English and from English into French.

German.—Lang and Nessler: *High School German Grammar* (Ryerson, Toronto), to end of page 169, with corresponding grammatical explanations. Glück Auf, *A First German Reader* (Glas). Bagger-Collins: *A First German Reader* (Holt), pages 1 to 44. Easy sight translation from German into English and from English into German.

Chemistry.—The extent of knowledge expected is such as may be gained from Evans' *Elementary Chemistry for High Schools*, or other text book of similar grade.

Physics.—Such text-books as *The Ontario High School Physics and Laboratory Manual*, Gage's *Introduction to Physical Science*, and Mann and Twiss' *Physics* will indicate the grade of instruction required.

Instead of the authors and books in languages given above, a candidate, if he so desires, may be examined on others recognized as equivalents (except in the case of candidates for the Entrance Scholarships); but application for this privilege must be made at least two weeks in advance.

Candidates who pass in four or more subjects, but not in all, on any one occasion, will be given credit for such subjects; and must complete their Matriculation

by passing the remaining subject before the end of their second year.*

Certificates Exempting from Examination.

Candidates who hold one or more of the following diplomas, licences or certificates will be exempted from the above examinations in such of the above subjects as were included in the examinations by which such diploma, licence or certificate was obtained, provided a sufficiently high standard was reached, and provided this standard was reached in four or more of the subjects required for Matriculation:

- (a) Certificates of Matriculation Examinations taken at recognized Universities;
- (b) Certificates of the Common Examining Board of the Maritime Provinces and Newfoundland;
- (c) High School Certificates of Grades XI or XII of Nova Scotia issued by the Department of Education;
- (d) Honour Diplomas, or Certificates entitling to a First Class Licence, as issued by Prince of Wales College, or a First Class Licence issued by the Education Department of Prince Edward Island;
- (e) Grammar School, or Saperie (except in Latvia), or First Class Licences of New Brunswick;
- (f) Equivalent Licences or Certificates issued by Education Departments of other Provinces;
- (g) Certificates similar to the above issued by University or other official examining bodies, when found adequate.

If a candidate gets credit for at least four of the eight subjects of Matriculation, either at the Matriculation examinations or on a single certificate, he must complete Matriculation either by examination, or by certificate before the end of his second year.*

Candidates holding certificates which they wish to offer for exemption as above should forward them for appraisal as early as possible.

Special Matriculation Regulations for each Faculty.

Faculty of Arts and Science.—A certificate of grade XI standard issued by the Education Department of Nova Scotia is treated as follows: Marks obtained in other than Matriculation subjects are not considered. The mark in a Matriculation subject is not considered unless it is at least 50 per cent. Subject to these restric-

*Students cannot enter the University (except as Special Students) unless they have completed English, Algebra, a foreign language, and four other subjects of Matriculation or equivalent examinations (See pp. 18-19).

tions the certificate will be accepted for the Matriculation subjects it covers in which the average of the marks obtained is at least 60 per cent, provided this average is reached in at least four subjects.

A minimum mark of 40 per cent in a subject made in an examination for a certificate of grade XII standard will exempt from Matriculation in that subject. When such subject is divided in this certificate examination into two or more parts the average mark for such parts is taken as the mark to be considered.

In order to be admitted to a course in the Faculty of Arts and Science, a candidate must have credit for Matriculation in English, Algebra, a foreign language and four other subjects.

Faculty of Law.—In order to be admitted to the course in Law, a candidate must have completed Arts Matriculation, and must also present a satisfactory certificate of having attended and passed, at some degree-granting College or University recognized by the Senate for the purpose, at least ten regular classes of the course for the degree of Bachelor of Arts, comprising two classes in English, one class in Latin, one class in French or some other foreign language, one class in Mathematics, one class in Political Science and any four classes to be chosen from the following—Latin, French or some other foreign language, History, Logic and Psychology, Economics, Political Science, Accounting, a Science class, Surveying 2.

Students eligible for admission to advanced standing in the Faculty of Arts may be exempted from any of the foregoing classes, not exceeding five in number, for which they have received credit upon such admission and the aforesaid number of ten classes may be reduced accordingly.

Faculty of Medicine.—In order to be admitted to the course in the Faculty of Medicine a candidate must have complete Matriculation in Arts, including Physics, Chemistry and Latin, and must have attended and passed in ten classes in the Faculty of Arts and Science, namely, English 1, History 20, Mathematics 1, Chemistry 1, 2, 4, Physics 1, Biology 1, 2A, and an elective, or must be exempted by certificates covering equivalent work done elsewhere. The course in Medicine is one of five years subsequent to such admission.

A person entering upon the study of Medicine for the purpose of qualifying himself to practise in the Province of Nova Scotia must also satisfy the Preliminary Requirements of the Provincial Medical Board, and have his name entered in the Medical Students' Register kept by the Board. These Preliminary Requirements are completely covered by the requirements of the University, but intending students are advised to apply for information to the Registrar of the Board, Dr. H. L. Scammell, Halifax, N. S.

Faculty of Dentistry.—The requirements for admission are the same as those for Medicine given above. The course in Dentistry is one of four years subsequent to such admission.

A student intending to practise his profession in Nova Scotia, in addition to satisfying the University Matriculation requirements, must register with the Provincial Dental Board.

Admission to Advanced Standing.

Admission of Non-Collegiate Students.

For the regulations concerning entrance with advanced standing to the Faculty of Arts and Science, see p. 31. See also the terms of affiliation with Prince of Wales College, Memorial University College, Convent of the Sacred Heart, Mount St. Vincent College, pp. 9-10. Students are admitted to advanced standing in any other Faculty only in accordance with the regulations for admission *ad eundem status* below.

Admission ad Eundem Statum.

Students from other Universities desiring to enter classes in this University may, on producing satisfactory certificates, be admitted *ad eundem statum* in this University, if they are found qualified to enter the classes proper to their years. But if their previous studies have not corresponded to those they would have taken in this University for the course on which they propose to enter, they may be required to take additional classes. In no case, however, shall a candidate admitted to advanced standing be admitted to a degree in course in this University unless he has attended and passed in at least one year's work, and that the last year of the course.

Persons seeking admission *ad eundem statum* must,

in making application, submit certificates of good character and standing, with duly certified statements of their Matriculation, and of the classes attended and passed, with the grades attained; also calendars of the institution from which they have come of such dates as to show the courses which they have followed.

Admission ad Eundem Gradum.

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

Faculty of Arts and Science

General University Regulations.

University regulations applicable to the students of all Faculties and relating to registration, residence, church attendance, discipline, etc., will be found on p. 12, et seq.

Academic Year.

The Academic Year consists of one session of about thirty-two weeks' duration. The session of 1934-35 will begin on Wednesday, September 26th, 1934, and end on Tuesday, May 14th, 1935.

Degrees and Courses.

Courses are prescribed leading to the degrees of Bachelor of Arts (B. A.), Master of Arts (M.A.), Bachelor of Science (B. Sc.), Master of Science (M. Sc.), Bachelor of Commerce (B. Com.), and Bachelor of Music (B. Mus.), and to the Diploma of Licentiate of Music (L. Mus.). A course in Engineering, extending over three years, is prescribed for students who look forward to completing a course in Civil, Mechanical, Electrical or Mining Engineering at the Nova Scotia Technical College, or other technical institution. A diploma is given for successful completion of this course.

A diploma is offered also for the successful completion of a course in Household Science; and the University provides courses required for the diploma in Education, and for the diploma in Pharmacy issued by the Maritime College of Pharmacy (See pp. 45-46).

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

The degree of Bachelor of Arts or of Science with Distinction is awarded to a student who obtains a suffi-

ciently high standing in the classes of the Ordinary course. See pp. 32-33.

The degree of Master of Arts or of Science is given for the successful completion of an approved course of graduate work extending over at least one year. See pp. 46-47.

The course of study for the Degree of Bachelor of Commerce extends over four years. See p. 43.

The course of study for the diploma of Licentiate of Music extends over two years, and that for the degree of Bachelor of Music over three years. See pp. 43-45.

Ordinary Course for Bachelor of Arts.

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

- (i) Two classes in either Latin or Greek.
- (ii) One class in one, not already chosen, of the following languages: Latin, Greek, French, German, Spanish.
- (iii) Two classes in English.
- (iv) History 1, Mathematics 1.
- (v) One class in Physics, Chemistry, Geology, or Biology.
- (vi) Any two classes from: the second class of the language chosen in (ii) above, History 2, Economics 1, Political Science 1, Philosophy 1, Mathematics 2, a Science Class.
- (vii) Ten other classes * selected from the following list, such that seven are included in three of the departments 1 to XX (see pp. 66 et seq.), not more than seven in any one department, and at least seven which require a University class as a prerequisite:

Latin	Economics	Geology
Greek	Sociology	Biology
French	Political Science	Histology
German	Philosophy	Embryology
Spanish	Psychology	Physiology
Biblical Literature	Education	Biochemistry
English	Mathematics	Music
Fine Arts	Physics	Mechanics
History	Chemistry	

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

*See pages 34-42 for Honour Courses.

For details of subjects studied in the above classes see Courses of Instruction, p. 65, *et seq.*

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

Lists of the elective classes chosen by students must be submitted for approval not later than Wednesday, October 10th, 1934.

All students registering for the Third and Fourth years must have their courses approved by the Committee on Studies and Attendance.

Affiliated Courses.

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

A. For Divinity.—By an arrangement with Pine Hill Divinity Hall, of Halifax, the classes in New Testament Greek and Hebrew conducted in that institution can be offered for the three electives referred to above by students intending to go forward to the study of Divinity there.

By an arrangement with King's College, Halifax, 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 that institution, can be offered for the three electives referred to above by students intending to go forward to the study of Divinity there.

B. For Law.—Any four classes of the First year in Law.

C. For Commerce.—Any four Commerce classes.

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

D. *For Medicine.—An undergraduate looking forward to the study of Medicine may offer the classes of the first year of Medicine, instead of four of the electives required from Group (vii) above.

Students whose course has included Physics 1, Chemistry 1, 2 or 3, 4, Biology 1, 2, and the classes of

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

the first year of Medicine may complete a subsequent course in Medicine at this University in four years.

Order of Classes.

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

First Year.

1. Latin 1 or Greek 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.

Should include the five remaining required classes** (see p. 27).

Third and Fourth Years.

The remaining ten elective classes from the subjects specified on p. 27.

Any student intending to continue chiefly the study of Science or Mathematics should take two Sciences in his first year, and one extra class in Science or Mathematics in his second year. This can be done by taking six classes in either the first or the second year.

Any student intending to continue chiefly in social studies should take History and another Language in his first year and six subjects in his second year, including three of Philosophy 1, Political Science 1, Economics 1, and another class in History.

All candidates for the Bachelor of Arts degree are strongly recommended to take Philosophy 1 somewhere in their Second, Third or Fourth year.

Ordinary Course for Bachelor of Science.

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

- (i) Two classes in English. Two classes in French or German, or one class in each.
- (ii) One in each of the following: Mathematics, Physics, Chemistry, Geology or Biology.

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

(iii) Two classes selected from the departments of Languages, History, Economics, Political Science and Philosophy.

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

An advanced or Honour class may be taken as an elective by students who are not in an Honour Course, if approved by the Faculty. Lists of the elective classes chosen by students must be submitted for approval not later than Wednesday, October 10th, 1934.

Affiliated Courses.

An undergraduate looking forward to the study of Engineering may offer the classes of Group A below instead of four of the electives required from Group (iv) above:

A. For Engineering.—Drawing, 2, 3, Surveying 1, 2, Mechanics 3, 4 and 5.

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

B. For Medicine.—An undergraduate looking forward to the study of Medicine may offer the classes of the first year of Medicine instead of four of the electives required from Group (iv) above.

Students whose course has included Physics 1, Chemistry 1, 2 or 3, 4, Biology 1, 2, and the classes of the first year of Medicine, may complete a subsequent course in Medicine at this University in four years.

There is a B. Sc. course open to medical students who show outstanding ability, which can be taken along with the regular medical course and completed at the end of the third year in medicine. This course, which is aimed to train the student specially in the technique of laboratory research requires the completion with high standing of thirteen subjects of the regular B. Sc. course in the two premedical years. These subjects will be those at present required in the two premedical years and, in addition, German 1 and 2, and an elective.

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

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

D. For Fisheries.—By arrangement with the Biological Board of Canada, Fisheries 1, 2, 3 and 4, together with any summer course which may be given, may be offered for three classes in Group (iv) above by those who wish to pursue the study of Fisheries, and who have been accepted by the Biological Board.

Order of Classes.

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

First Year.

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

Second Year.

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

Third and Fourth Years.

The remaining ten required classes and elective classes from the subjects specified on p. 30.

All students registering for the Third and Fourth years must have their courses approved by the Committee on Studies and Attendance.

Admission to Advanced Standing.

Students may enter the University on Advanced Standing, that is, be given credit for certain classes of

the first year, and thus have the opportunity of completing a course for a degree in Arts or Science in three years, as follows:

A student entitled to Matriculant or Undergraduate standing in Arts or Science, who presents one of the certificates specified below, will be given credit, after completing a subsequent class in the same subject, or, in the case of Mathematics 1, a Science class, for such classes in the following list, (provided there are not less than four and not more than five) as the certificate warrants.

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

In order to complete the work for the degree in three year the student must be admitted to Advanced Standing in at least four subjects.

A candidate will be allowed Supplementary examinations in the subjects required to complete five classes provided the certificate shows a mark of at least 30 per cent. in such subjects and the candidate has credit for the corresponding Matriculation subjects. No credit shall be given for certificates obtained subsequent to registration in the University for the first time. The certificates to which these provisions apply are the following:

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

The above privilege of taking Supplementary examinations on certain subjects of the first year, granted to the holders of specified certificates, may be granted also to other candidates who in the opinion of the Committee on Admission have equivalent qualifications.

Degree of Bachelor with Distinction.

The degree of Bachelor of Arts or of Science with

*The standard required is 50 per cent. in each subject. For Mathematics an aggregate of 150 is required in the three subjects of Algebra, Geometry and Trigonometry with a mark of at least 30 per cent. in any one subject.

Distinction will be conferred on undergraduates for special excellence shown in the classes of the Ordinary course. The award of such degree is based upon the Class Distinctions (p. 52) gained by candidates; and not only are the number and grade of such Distinctions considered, but also the extent and character of the work by which they have been gained.

The total number of classes in which Distinction may be attempted is eight, of which two may be taken in the second year and three in each of the third and fourth years.

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

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

Candidates for Distinction are advised to consult the Registrar with respect to the selection of classes.

Degree of Bachelor with Honours.

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

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

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

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

An undergraduate who enters upon an Honour course in any of the above departments must take the

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

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

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

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

Honour Courses.

I. Classics.

Besides the Honour Courses in Classics (1, and 2, mentioned below), there is an Advanced Course.

Advanced Course in Classics.

The following course is offered for those students who have entered with advanced standing in accordance with the regulations on page 53 (Classics Entrance Scholarships). Hours to be arranged.

Greek I.—Herodotus: Selections. Plato: *Apology*. Homer: *Odyssey*, Books IX, XI. Euripides: *Medea*.

Latin I.—Sallust: *Catalina*. Terence: *Phormio*. Vergil: *Aeneid*, Book VI. Horace: *Odes* (selected).

Greek II.—Demosthenes: *Philippics I-III*; *Olynthiacs, I, II*. Thucydides: Book II. Homer: *Iliad*, Books I, VI. Aeschylus: *Prometheus Bound*.

Latin II.—Tacitus: *Historiae*, Books I, II. Cicero: *Letters* (selected). Vergil: *Aeneid*, 3 Books. Horace: *Satires* (selected). Catullus: Selections. Livy: Book XXI.

Greek III.—Plato: *Republic*, Books I-IV. Demosthenes: *De Corona*. Herodotus: Books VII-IX. Sophocles: *Oedipus Rex*. Theocritus: Selections. Aristophanes: *Clouds*.

Latin III.—Cicero: *Offices I*; *Philippics II*. Pliny: *Letters* (selected); or, Seneca: *Letters and Essays* (selected). Vergil:

Georgics, Books I, III. Tacitus: *Annals I, II*. Horace: *Epistles*; *Art Poetica*. Plautus: *Trinummus*; *Rudens*.

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

Latin IV.—Cicero: *In Verrem*, *De Sisyra*; *De Oratore*. Tacitus: *Annals*, Books III-VI. Quintilian: Book X. Juvenal: *Satires*. Martial: Selections. Elegiacs: Selections. Lucretius: Books III, V.

First Year: General History of Greece and Rome.

Second Year: Outline of Literary History.

Third Year: Outline of Ancient Philosophy.

Fourth Year: Introduction to Philology.

Throughout: Composition and Sight Reading.

Honour Course. 1. Latin and Greek.

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

Candidates taking the Honour course in Latin and Greek are required to take Latin 3, 4, 5 and 6 and Greek 3, 4, 5 and 6 in their third and fourth years and sufficient elective classes to complete the total of twenty classes required for a degree. In the final award the standard of attainment reached in Latin 3 and 4, and Greek 3 and 4 will be taken into consideration. In the special Honour examinations candidates will be required to show:

A. A critical knowledge of the books prescribed in Latin 5 and 6 and Greek 5 and 6.

B. Ability to translate from English into Latin prose and into Greek prose.

C. A general knowledge of the history of Latin literature and of Greek literature with a more minute knowledge of the lives and writings of the authors prescribed.

Text Books: Latin Literature: Mackail; DuRoi. Greek Literature: Jebb; Jeron; Haigh; *Actis Theatre*.

D. Ability to translate at sight passages from Latin works and Greek works not prescribed.

Honour Course. 2. Latin.

Preliminary Classes.—Latin 1 and 2.

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

in Latin 3 and 4 will be taken into consideration. In the special Honour examinations candidates will be required to show:

A. A critical knowledge of the books prescribed in Latin 5, 6, 7 and 8.

B. Ability to translate from English into Latin prose; and ability to translate at sight passages from Latin works not prescribed.

C. A knowledge of the history of Latin Literature as in Mackail and Duff, and a knowledge of Ancient Life as in Tucker: *Life in Ancient Athens*. Fowler: *Social Life in the Time of Cicero*. McDaniel: *Roman Private Life*.

D. A knowledge of Ancient History: Greek, 5th and 4th centuries B. C.; Roman, 249 B. C. to 138 A. D.

II. Latin and English.

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

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

Latin.

The Latin prescribed for the Honour course in Latin and Greek.

English.

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

III. Greek and English.

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

IV. English Language and Literature.

Candidates for admission to an Honours Course in English Language and Literature must have completed the following classes or their equivalent: English 1 and 2, German 1, History 1, Philosophy 1, Latin 2, Mathematics 1, one other class in English. No can-

Addendum

Advanced Course in Modern Languages and History

In addition to the Honour Courses described elsewhere, there is an Advanced Course in Modern Languages and History. This course is open to those who have studied both French and German and who have creditably attained Grade XII or equivalent standing. Students entering this course will continue the study of French and German for four years in Dalhousie University, with the aim of becoming fluent in both languages. They will also study English literature. They will make a general study of European history and give special attention to the political and social developments in the periods covered by their studies in literature.

didate should expect to complete this course in fewer than four years after first coming into residence. In the last two years of the course the following classes should be completed: English 3, 4, 5, 6, 7, 12, 14, 15 and 17. Additional work, equivalent to that required for distinction in four undergraduate classes per year, shall be completed to the satisfaction of the department. In addition, the student shall take such advanced courses in History and Foreign Languages as shall be agreed upon between the department and the committee on Honours and Graduate Studies.

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

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

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

Middle English: Language and Literature from 1300-1500.

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

English Literature from 1603-1798.

English Literature since 1798.

The History of Literary Criticism.

V. English and History.

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

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

English.

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

History.

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

**VI. History, Economics and Sociology,
Political Science.**

Candidates desiring to take the Honour course in two of these departments and to complete the work for a degree in four years must take the preliminary classes in each department in their first two years. They are required to take a minimum of four additional courses in each department and any special Honour classes offered, in their third and fourth years; and in addition to the required classes they must have taken during their course sufficient elective classes to complete the total of twenty classes required for a degree. The special Honour examinations will be set on two groups of the following subjects, but the standard of attainment shown in the other classes taken in the two departments will be considered in the final award.

In addition to the written examinations students may be given an oral examination by a committee selected by the departments concerned.

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

History.

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

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

Economics and Sociology.

One subject from each group:

- A. 1. Economic Theory and its History.
- 2. Sociological Theory and its Development.
- B. 1. International Trade and Tariffs.
- 2. Money and Banking.

- 3. Public Finance.
- 4. Labour Problems.
- 5. Economic Problems of Canada.
- 6. Economic History.
- 7. Programmes of Social Reconstruction.
- 8. Social and Vital Statistics.
- 9. Population Problems.
- 10. Social Legislation in Canada.
- C. A paper on a subject approved by the Department.

Political Science.

Four subjects, one from each of the following groups:

- A. A period in Constitutional History of England. Government of Great Britain. The British Commonwealth of Nations. Government and Constitution of Canada.
- B. International Organization. International Law.
- C. Ancient Political Theory. Modern Political Theory. Representative Government.
- D. A paper on a topic related to one of the fields chosen from the above examination, or a fourth field chosen in consultation with the Department.

The Department reserves the right to require a student to take such courses in other Departments as are considered necessary in his or her particular case.

Students will also be required to have a reading knowledge of French or German, and are recommended to have both.

VII. Philosophy.

Preliminary Class.—Philosophy 1.

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

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

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

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

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

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

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

VIII. Mathematics.

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

Advanced Course in Mathematics.

The following course is offered for those students who have entered with advanced standing in accordance with the regulations on page 53 Mathematics Entrance Scholarships 2. This course extends over four years. The preparation required for admission to it includes the regular Mathematics classes in Grade XII, including Algebra, Geometry, and Trigonometry, and also the class in Physics in that grade. Students taking this course would, in their first year, begin the study of the Calculus along with a suitable preparation in Analytical Geometry, and would also take the class in Mechanics, Hydrostatics, Heat, Light and Sound. The course for the year would also include classes in English and a foreign language.

The remaining three years of the course would include Mathematics 3, 4, 5, 6, 7, and 8, Physics 6, 14, and 16, and another class in Physics and Mathematics, the details of which classes are to be found on pages 81-83.

Honour Course. Mathematics.

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

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

This course can only be completed in four years by students who enter with advanced standing in Grade XII Mathematics. Such students should take Mathematics 2 and Physics 2 in their first year, Mathematics 3 and 4 and Physics 3 in their second year, and four

of the classes listed above in each of their third and fourth years.

IX. Physics.

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

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

The requirements include eight advanced classes in Physics, Mathematical Physics, Mathematics and Chemistry.

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

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

X. Chemistry.

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

In order to complete this course in four years, it is necessary to enter with grade XII Mathematics and to take Mathematics 2 and 3, Physics 2 and 3, Chemistry 1, 3 and 4 in the first and second years; and Physics 4 and 6, Chemistry 5, 7, 8, 9, 6 or 10 in the third and fourth years.

Candidates for High Honours will be expected either to prepare a thesis embodying the results of a short original investigation, or to show exceptional skill in some special branch of laboratory work. The standard of attainment shown in Physics 4 and 6 (Distinction courses), and in Chemistry 5, 7, 8, 9, 6 or 10, will be considered in the final award.

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

- A. Inorganic and Analytical Chemistry.
- B. Organic Chemistry.
- C. History of Chemical Theory and Physical Chemistry.
- D. Practical Chemistry.

XI. Geology.

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

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

Honour students are required to take the classes in Surveying 2 and Mechanics 2 and 5 before graduation. Women students need take only Surveying 1, but will be required to take some field surveying around the campus.

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

XII. Biology.

Preliminary Classes.—Chemistry 1, 2 or 3, and 4, Physics 1, Biology 1, 2 and 12. One class in German is required; two are recommended.

The requirements include seven advanced classes in Biology and related subjects.

This course can only be completed in four years by students who enter from Grade XII. Such students should take Biology 1, Chemistry 1 and Physics 1 in their first year; Biology 2 and 12, and Chemistry 2 or 3 and 4 in their second year; and the seven advanced classes mentioned above in the third and fourth years. Supervised field work under the direction of the Department is also required.

The special Honour examinations will be set to test:

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

OTHER COURSES.

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 classes:

First Year.—French 1 or German 1 or Spanish 1, English 1, Mathematics 1, a Science, Accounting 1.

Second Year.—French 2 or German 2 or Spanish 2, English 2, Commerce 2, 4, History 1, Economics 1.

Third and Fourth Years.—Commerce 5, 7, 8, 10, Economics 3, and seven other classes of which at least three must be selected from the Departments of Economics and Commerce. Electives must be selected with the approval of the Department.

Course for Bachelor of Music.

The course for the degree of Bachelor of Music may be completed in three years. Candidates for the degree may be students of the pianoforte, organ, violin, or voice. Candidates are required to pass the examinations in the subjects of the course, to submit the prescribed compositions, and to satisfy the examiners of their proficiency as musical performers by passing the prescribed practical tests. In addition, before proceeding to the examinations of the final year they must have completed Matriculation and must have satisfied the department of Modern Languages that they have a knowledge of French and German equivalent to French 1 and German 1.

The examinations in theory are the same for candidates in all branches of music.

Examinations.

The examinations are arranged in three groups or years. The examinations in any one group may be taken in a single year, and a candidate must have passed in all the subjects of a given group or year before proceeding to the examinations of the following one. The papers shall be set in accordance with the following schedule:

First Year.

1. Harmony in not more than four parts.
2. Analysis of Harmony.
3. Strict Counterpoint in two and three parts.
4. History of Music from the beginning of the Christian era down to 1750.
5. English 1.

Second Year.

1. Harmony in not more than five parts.
2. Strict Counterpoint in three and four parts.
3. Double Counterpoint at the octave in two parts.
4. Canon and Imitation in two parts.
5. Fugue as far as subject and answer.
6. History of Music since 1750.
7. English 2.

Third Year.

1. Strict and Free Counterpoint in not more than five parts.
2. All forms of Double, Triple and Quadruple Counterpoint; Canon and Imitation in two, three and four parts.
3. Strict and Free Fugue in not more than five parts.
4. Analysis of Form.
5. Acoustics, in its relation to the Theory of Music.
6. Orchestration.
7. Analysis of a Full Orchestral Score.

The University provides instruction in English, Acoustics, French and German. Instruction in the professional subjects may be obtained at the Halifax Conservatory of Music, or other institution recognized for this purpose by the Senate.

Candidates for examination must make application in accordance with the Regulations for Courses in Music. (See below).

Practical Tests.

The Practical Tests are held only at the time of the corresponding examinations, and an application for examinations is considered as an application for the practical tests also. The practical tests of each of the three years are those given in detail in the calendar of the Halifax Conservatory of Music. A certificate of having passed the practical tests of the first year in an approved institution may be accepted, but those of the second and third years must be taken at this University.

Compositions.

Candidates shall compose the following exercises, which are to be submitted at or before the final examinations for the degree:

- (a) A solo song with pianoforte accompaniment.
- (b) A four-part vocal composition.

(c) An instrumental composition (other than a dance) for pianoforte, organ, or other stringed or wind instrument, with pianoforte accompaniment.

Diploma of Licentiate of Music.

The Diploma of Licentiate of Music in Pianoforte, or Organ, or Violin, or Voice, will be granted candidates who complete two years of the course for the degree of Bachelor of Music by passing the examinations and practical tests of the first and second years.

General Regulations for Courses in Music.

Candidates for any examination must have passed Matriculation in English (see p. 20).

Candidates who present certificates from a recognized institution of having attended approved courses of instruction in the subjects of the first year, and of having passed examinations on them accepted as equivalent to those of this University and of having satisfied the corresponding practical tests set by that institution may be exempted from the examinations and practical tests in the subjects of the first year. The examinations and practical tests of the second and third years must be taken at this University.

Candidates who hold the Diploma of Licentiate of Music of this University are exempted from the examinations and practical tests of the first and second years of the course for the degree of Bachelor of Music.

The regular examinations are held in April. Supplementary and Special examinations are held in September only. (See University Almanac).

Candidates for any examination must make application to the Secretary of the Faculty of Arts and Science not later than March 28th, 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 classes in the Faculty of Arts and Science in addition to the classes in the purely Professional subjects. See p. 81.

Other Pharmacy Courses.

The Maritime College of Pharmacy, with the cooperation of the University, offers two other courses in Pharmacy, an Elementary Course for Pharmacy Clerks, and a Diploma Course for those who desire to become Registered Pharmacists. These courses are carried on in the University buildings, and the students are subject to University regulations and discipline.

The Elementary Course for Pharmacy Clerks is intended to prepare the student for the Certified Clerks' Examination of the Nova Scotia Pharmaceuti-

cal Society. It is expected that students will have a general education at least equal to that of Grade X. Attendance on this course is prerequisite to the Diploma Course.

The Diploma Course begins on Wednesday, Sept. 26th, 1934, and ends with the University session. The matriculation requirements are the same as those for the M.D., C.M. and D.D.S. degrees. (See page 20). The course, which covers two years and includes Chemistry, Physics, Biology, Materia Medica, Pharmacy, Prescriptions and Dispensing, is designed to prepare the student to pass the final licensing examinations of the Pharmaceutical Societies and Associations of the Maritime Provinces. A diploma is granted for the satisfactory completion of this course.

For the calendar of the Maritime College of Pharmacy and for all information, address Dean G. A. Burbidge, Medical Science Building, Halifax, N. S.

Course in Fisheries.

A student may obtain the degree of Bachelor of Science (Fisheries) by taking certain classes in the Faculty of Arts and Science in addition to the purely professional classes. (See also Affiliated Courses pp. 30-31).

Master of Arts and Master of Science.

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

occupy the candidate's time for not less than forty hours per week for a session, class attendance and time spent on preparation being included.

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

An essay or thesis may be required of the candidate. When required, it shall be regarded as forming one-fifth of the full course of study and should occupy one-fifth of the candidate's time for the session. This restriction, however, shall not apply to the departments of Physical Science. Theses must be sent to the Secretary of the Faculty on or before the first of March.

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

A candidate for a Master's degree must complete the entire work of his course before being admitted to any examinations for the degree, and the time over which such examinations may extend shall not exceed a fortnight. A student failing in any one of the examinations is required to repeat all examinations. The pass mark shall be fifty per cent. in each subject. Examinations shall be held ordinarily at the time of the Spring examinations; but in special circumstances they may be held in the Autumn. **Candidates must give one month's notice to the Secretary of the Faculty of their intention to appear for examination, and the fee must accompany the notice.**

Uniform Course for all Branches of Engineering.

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

Engineering in the Nova Scotia Technical College, or to entrance into the third year of other engineering institutions. A Diploma is given for successful completion of the course.

For admission the student must have ordinary Arts matriculation in English, History, Algebra, Geometry, Physics or Chemistry, a foreign language, and one other matriculation subject, preferably Trigonometry. The course is one requiring three years, namely:

First Year.—English 1, Mathematics 1, Chemistry 1, Drawing 1, French 1 or German 1 or Latin 1, Surveying 1, Shopwork (Optional).

Second Year.—English 2E, Mathematics 2, Physics 2, Mechanics 3, Drawing 2, Surveying 2, Economics 1.

Third Year.—Mathematics 3 and 4, Physics 3, Chemistry 2, Mechanics 2, 4, 5, Drawing 3.

The course in Shopwork, of about three weeks' duration immediately preceding the regular session, is given by the Nova Scotia Technical College, in its own work shop. In lieu of this requirement, practical experience in industry is accepted by the Nova Scotia Technical College, if it is closely related to the branch of engineering to be followed.

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

If the degree sought is in Mining Engineering, Geology 1 should be added to the course prescribed above in the third year.

Engineering students may obtain the degree of B. Sc. by taking certain Arts classes in addition those specified above, see p. 30.

Diploma in Household Science.

This diploma will be granted to candidates who have completed a course of four years including the work in Household Science conducted at the Halifax Ladies' College covering a period of two years and the following ten classes in the Faculty of Arts and Science: English 1, 2; French 1, 2, or German 1, 2; Chemistry 1; Biology 1; Economics 4; History 1; Sociology 1 and Fine Arts.

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

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

1. A year of residence devoted to the study of professional subjects, following the B. A. or B. Sc. course;
2. The satisfactory completion of five full courses, four of which shall be professional courses, and one (or two, see below) of which may—in the discretion of the Professor of Education—be an academic subject;
3. The successful completion of a course in Physical Training.

Education 1 is the only course for which undergraduates are permitted to register. Students who have secured credit for Education 1 in their undergraduate study may register for two Academic courses in their Diploma Course. Arts and Science students who are planning to teach are urged to include Education 1 in their last year of undergraduate study; they are also advised to include courses in History, Political Science and Economics in the courses offered for their Bachelor's degree. All students expecting to return to Dalhousie for their professional training in teaching are invited to consult the Professor of Education as early in their course as possible; they are urged to consult him in the Spring of their last undergraduate year.

GENERAL FACULTY REGULATIONS.**Admission to Classes.**

1. Candidates for a degree must pass the Matriculation examinations (pp. 18-21). Only those classes which a student attends as an Undergraduate or Matriculant are recognized as qualifying for a degree in Arts or Science. In order to be a Matriculant in this Faculty the student must have passed Matriculation in English, Algebra, a Foreign language, and four other subjects of Matriculation.

2. A Matriculant pursuing a course for a degree in Arts or Science and wishing to finish this course in four years must complete his Matriculation before the end of the second year of his course.

3. A Matriculant deficient in one of the required foreign languages, whose preparation in this language has not covered any considerable part of the work prescribed for Matriculation, shall not be admitted to more than three undergraduate classes.

4. No undergraduate or matriculant shall be admitted to a class until he has passed the preliminary class or classes or other preliminary qualifications required.

5. The list of classes which a student may take shall include all required classes, including matriculation classes, before any elective is added, but candidates for admission to Honour courses may have this rule modified on application to the Committee on Honours.

6. Five classes shall be regarded as constituting a normal year's work for a student in good standing. Students seeking admission to six classes must make written application to the Committee on Studies, furnishing reasons in support of their application. No student who has failed in any class of his course in the preceding year of his attendance shall be admitted to more than five classes.

7. Any student, who at the Christmas examinations has not shown reasonable proficiency, may, at the discretion of the Faculty, be required to discontinue attendance at the University for the remainder of the session. Fees will not be reimbursed to such students.

Class Work and Attendance.

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

1. All students are required to attend the classes of their prescribed course regularly and punctually.

2. They must appear at all examinations, prepare such essays, exercises, reports, etc., as may be prescribed and, in case of a class involving field or laboratory work, complete such work satisfactorily.

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

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

5. A candidate taking an affiliated course must, in the case of classes taken in another Faculty, conform to the regulations of such Faculty and must secure a position on the pass list in accordance with such regulations.

Examinations.**Sessional and Class Examinations.**

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

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

Ordinary and Distinction Class Lists.

The names of candidates successful in the ordinary examinations are arranged in the published lists in order of merit in each class. In some classes (see pp. 32-33) additional work consisting of private reading, essays, reports, field or laboratory work, is prescribed for students who aim at Class Distinction. In such classes extra examinations are held in this additional work at the end of the session, and the award of Distinction is based upon the ordinary and the additional work of the class.

Class Distinctions are of two grades, First and Second Class; but candidates who attain a standing considerably above that required for First Class will be indicated as having obtained a High First Class.

Names are arranged in the lists in order of merit in each grade.

Supplementary and Special Examinations.

A student who fails to secure a position on the Pass List in a class, but who has passed in at least half of his classes and has otherwise fulfilled the requirements in class work stated on p. 51, may be allowed the Supplementary examination in such class at the beginning of the next session of his attendance, on the day appointed in the University Almanac. A student who fails to appear at or to pass the Supplementary examination can only get credit for that class by passing a *Special examination therein.

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

Supplementary and Special Examinations are held in September only.

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

A student wishing to appear as a candidate at a Supplementary or Special examination shall be required to give notice of his intention to the Secretary of the

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

Committee on Studies and Attendance on or before August 16th, the fee (see p. 64) to be remitted with the notice.

Scholarships and Prizes.

Scholarships are awarded strictly on merit.

The annual payment of any Scholarship or Bursary, when not otherwise stated, is made in two instalments, on October 15th and February 1st, the latter payment being conditional on the holder having made satisfactory progress in his or her classes.

Any Scholarship winner, who can afford to do so, is invited to resign all or part of the financial emoluments. He will still be styled the winner of the Scholarship during its tenure. This arrangement increases the efficiency of the Scholarships Funds, as in some cases it would enable a second student of scholarly attainments to attend College, who could not otherwise do so.

OPEN TO STUDENTS IN ARTS AND SCIENCE.

Entrance Scholarships in Mathematics and in Classics.
Applications must be in by May 15.

Two Mathematics Entrance Scholarships of \$600 and \$400 (of \$150 and \$100 respectively, annually, for four years) are open to boys only who have attended any school in the Maritime Provinces or Newfoundland, and who have completed Grade XII or equivalent instruction. Students holding these Scholarships must pursue in Dalhousie University a four years' honour course in Mathematics. The Scholarships are paid in four annual instalments at the beginning of each term. Tenure of the prize is conditional on the student winning first-class standing from year to year.*

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

A creditable pass must have been received by the candidate in the subjects of English, Latin or Greek, one modern foreign language, Physics, and the regular Mathematical papers set for Grade XII by the Common Examining Board. In addition, candidates are tested on a special problems paper, based on Grade XII work, in Mathematics set by Dalhousie University, and rank will be determined by the candidates' standing on this problems paper only.

Two Classics Entrance Scholarships of \$600 and \$400 (of \$150 and \$100 respectively, annually, for four years) are open to boys only who have attended any school in the Maritime Provinces or Newfoundland, and who have completed Grade XII or equivalent instruction, with this proviso; that, in pursuing Grade XII studies, if not in his earlier school work, the candidate has studied both Greek and Latin. (In compensation for this double course in the Classical languages, he may omit from the Grade XII curri-

*For example, a scholarship holder who failed to secure first-class standing in the first year, would not be paid the annual instalment in his second year, but, by attaining first-class standing in the second year, he would be qualified for the prize money in his third year.

culum either the modern foreign language or a science). Students holding these Scholarships must pursue in Dalhousie University a four years' advanced honour course in Classics. The Scholarships are paid in four annual instalments, at the beginning of each term. Tenure of the prizes is conditional on the student winning first-class standing from year to year.*

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

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

The University has the following funds available for Scholarships to be awarded to candidates standing highest in the Matriculation and First Year Sessional Examinations:

The Sir William Young Fund.—This fund was left by Sir William Young for the purpose of endowing Scholarships, and amounts to \$4,600.

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

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

The Robert Bruce Fund.—The University receives one-seventh of the income from a bequest of \$37,500 by Robert Bruce of Quebec, to be used for Scholarships and Bursaries.

The income from these funds is applied as follows:—

Other Entrance Scholarships.

A. Awarded on the results of the Dalhousie Matriculation Examinations:

These Scholarships are five in number, as follows:

1 George H. Campbell Memorial Scholarship, of.....	\$ 250
†1 Mackenzie Scholarship, of.....	150
2 Sir Wm. Young Scholarships, of.....	100 each

*For example, a scholarship holder who failed to secure first-class standing in the first year, would not be paid the annual instalment in his second year. But, by attaining first-class standing in the second year, he would be qualified for the prize money in his third year.

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

†1 Bruce Scholarship, of..... \$100

In order to be eligible a candidate must reach the grade of Distinction (60%) in the examinations named below, and otherwise satisfy all matriculation requirements, and must not have attended as a Matriculant or Undergraduate a recognized degree-granting College of University, and must intend to enter the Arts and Science Faculty of Dalhousie University, and must not have been a candidate more than once before. In the award of the Scholarships, subject to the above conditions, one shall be assigned, each, to

Halifax County,
Cape Breton Island,
Prince Edward Island,
New Brunswick,

but not more than one shall be awarded to Halifax City and vicinity when other candidates are eligible.

The locality from which a candidate shall be considered as coming will be determined by the locality of the last High or Preparatory School attended; or, in the event of his having been educated beyond grade X by private tuition, by his usual place of residence.

The next award of these Scholarships will be made on the marks received in the following five subjects of the regular matriculation examinations held at Dalhousie University on September 25th to September 28th, 1934:

1. English. 2. Algebra. 3. Geometry. 4 and 5. Two of Latin, Greek, French, German. For the requirements in each subject, see p. 20. Application to take the examinations must be made on forms to be obtained from the University Office.

These Scholarships are tenable for one year in the Arts and Science Faculty, and are payable in two equal instalments, on October 15th and February 1st, the latter payment being conditional on the scholar having made satisfactory progress in his classes.

The successful candidate for any one of these Scholarships may enter on Advanced Standing the classes of the second year (see p. 31) but he will not then be eligible for the First Year Scholarships described below.

B. Awarded on the results of other examinations:

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

Prince of Wales College Scholarship.—A Scholarship of \$200 annually has been established to be given to the student

†In the awarding of this Scholarship, candidates of Scottish extraction will be given the preference.

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

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

First Year Scholarships.

These Scholarships are three in number, as follows:

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

They are open only to Undergraduates who are just completing the first year of the course in Arts or Science, and are tenable for one year (except the Bruce Scholarship) and are payable in two equal instalments, on October 15th and February 1st, the latter payment being conditional on the scholar having made satisfactory progress in his classes. They are awarded on the results of the Sessional Examination returns in courses recommended for first year students (see pp. 29 and 31).

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

The Sidney C. Oland Scholarship in Classics of \$100.00 is offered to the student who ranks first in first-class standing in the Advanced Course in Classics of the first year, and who is proceeding to the second year of the course.

The Sidney C. Oland Scholarship in Mathematics of \$100.00 is offered to the student who ranks first in first-class standing in the Advanced Course in Mathematics of the first year, and who is proceeding to the second year of the course.

Second Year Scholarships.

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

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

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

†Preference will be given to students of Scottish extraction.

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

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, 1935.

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

The Jotham Blanchard Bursary.—This Bursary, being the interest of an endowment of \$1,000, founded by the New Glasgow Literary and Historical Society in memory of Jotham Blanchard, an honoured name in the annals of 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, 1935.

Commercial Club Scholarship.—The Commercial Club of Halifax has offered a Scholarship of \$100 to the student of the second year of the course in Commerce who has attained the highest standing in his classes.

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

Third Year Scholarships.

Commercial Club Scholarship.—The Commercial Club of Halifax has offered a Scholarship of \$100 to the student of the third year of the course in Commerce who has attained the highest standing in his classes.

The Khaki University Scholarships.—From the Khaki University and Young Men's Christian Association Scholarship Fund, amounting to \$5,500, which was received from the trustees of the Khaki University, Scholarships of the value of \$100 each, two in number, will be awarded to third year students in Arts and Science, to be held during their fourth year. The award is based on scholastic attainments but preference is given to men or women who have served overseas, or to their children.

The Hugh Graeme Fraser Memorial Prize in Advanced Chemistry.—This Award was founded by members of the Class of 1921 upon their graduation, both as their graduation gift to the University and in order to perpetuate the memory of their brilliant and highly respected and beloved classmate who lost his life while engaged in laboratory work in the final year of his Honour Course. The interest on a sum of money, presented by his class for this purpose, will be awarded annually, to the student who, at the end of the third year, has, in the opinion of the Department, shown such aptitude for Chemistry as to merit the award, which is tenable in the final year of the undergraduate course.

Other Undergraduate Prizes.

The Waverley Prize.—This prize, being the interest of an endowment of \$1,600 for the purpose, will be awarded annually to the student standing highest in Mathematics 2.

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

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

Ross Stewart Smith Scholarship.—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 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.

Graduation Prizes.

To be eligible for a Medal a candidate must attain a standard considerably above that required for High Honours.

The Governor-General's Gold Medal, offered by His Excellency the Governor-General of the Dominion of Canada, will be awarded to the student who stands first among those taking High Honours in the department of Classics. In the event of its not being awarded in this department, it may be awarded in the department of Latin and English, or in that of Greek and English, or in some other department.

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

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

University Medals of bronze will be awarded on graduation to students who take High Honours in departments in which a gold medal is not available.

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

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

OPEN TO ALL STUDENTS

The William Inglis Morse History Prize.—This prize, of the value of \$250.00, is offered by Dr. William Inglis Morse for the best essay on an historical subject, based on original work done in the Nova Scotia Archives.

W. H. Dennis Prizes for English Compositions.

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

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

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

The Dr. William Inglis Morse English Essay Prize.—This prize, of the value of \$100, will be awarded for the best essay on a subject to be chosen by the Donor.

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 Common wealth.

The Rhodes Scholarships.—A Rhodes Scholarship is tenable at the University of Oxford and may be held for three years. Since, however, the majority of Rhodes Scholars obtain standing which enables them to take a degree in two years, appointments are made for two years in the first instance, and a Rhodes Scholar who may wish to remain for a third year must present a definite plan of study for that period satisfactory to his College and to the Rhodes Trustees.

Rhodes Scholars may be allowed, if conditions are approved by their own College and by the Oxford Secretary to the Rhodes Trustees, either to postpone their third year, returning to Oxford for it after a period of work in their own countries, or to spend their third year in postgraduate work at any University of Great Britain, and in special cases at any University on the continent of Europe, in the Overseas Dominions, or in the United States, but not in the country of their origin.

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

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

1. Be a British subject, with at least five years' domicile in Canada as unmarried. He must have passed his nineteenth, but not his twenty-fifth birthday on October 1st of the year for which he is elected.

2. Have reached such a stage in his course at one of the Universities of Canada that he will have completed at least two years at the University in question by October 1st of the year for which he is elected.

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

In that section of the will in which he defined the general type of scholar he desired, Mr. Rhodes wrote as follows:—

"My desire being that the students who shall be elected to the Scholarships shall not be merely book-worms, I direct that in the election of a student to a Scholarship regard shall be had to—

1. His literary and scholastic attainments,
2. His fondness for and success in manly outdoor sports such as cricket, football, and the like,
3. His qualities of manhood, truth, courage, devotion to duty, sympathy for and protection of the weak, kindness, unselfishness and fellowship, and
4. His exhibition during school days of moral force of character and of instincts to lead and to take an interest in his schoolmates; for those latter attributes will be likely in after life to guide him to esteem the performance of public duty his highest aim.

Full particulars can be obtained from J. W. Godfrey, Box 454, Halifax, N. S., Secretary of the Selection Committee for the Province of Nova Scotia.

Each candidate for a Scholarship is required to make application to the Secretary of the Committee of Selection of the province in which he wishes to compete not later than November 10th.

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

1851 Exhibition Science Research Scholarships.—These Scholarships of the value of £250 sterling a year, are tenable for two, or, in rare instances, three years. They are open to students of not less than three years' standing who have shown evidence of capacity for original research, and are tenable at any university or other institution approved by the Commissioners. For particulars address the President.

Daughters of the Empire Bursary.—This Bursary, of the annual value of \$300, is tenable for four years at any university in Nova Scotia and is open to the sons and daughters of deceased and seriously disabled soldiers and sailors and men of the Air Force. Fifteen bursaries are being offered annually, the last to be awarded in 1937. One bursary will be awarded in each Province where there is a suitable candidate. The remaining bursaries will be apportioned by the War Memorial Committee among those provinces where there are additional candidates.

Full information can be obtained by writing to the Head Office of the Order for Canada, 416 Bloor Street East, Toronto 3, Ont., or to the Provincial Educational Secretary, Miss Janet B. Wolfe, 80 Windmill Road, Dartmouth, N. S.

(The holder of this Bursary is granted exemption from class fees to the extent of \$25 annually.)

OPEN TO GRADUATES.

The Eddy Resident Fellowship for Women.—This Fellowship, of the value of \$600, founded by the Board of Governors in memory of the late Mrs. E. B. Eddy, is offered annually to a graduate of Dalhousie University who shows distinct aptitude for scholarly work in any department of study. It shall be held at this University.

The Eddy Traveling Fellowship for Women.—This Fellowship, of the value of \$1,500 is offered triennially to a graduate of the University who has evinced unusual ability for scholarly work. It can be held at any foreign university approved by the Senate.

The James Gordon MacGregor Memorial Fellowship in Physics.—This Fellowship is awarded annually to a graduate of this or other University. The holder of the Fellowship is required to give twelve hours per week to teaching work in the department of Physics.

Daughters of the Empire Post-Graduate Scholarship (Overseas).—This Scholarship was founded by the Imperial Order, Daughters of the Empire, as part of the war memorial of the Order. Nine are offered annually—one for each Province. They are of the value of \$1,500 and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial history, the economics and government of the Empire and Dominion, or any subject vital to the interests of the Empire." A candidate must either hold a recognized degree or be in his or her final year proceeding to a degree. For further information apply to the Head Office of the Order or to the Provincial Educational Secretary, Miss Janet B. Wolfe, 80 Windmill Road, Dartmouth, N. S.

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

A candidate shall be entitled to apply in the province in which the University from which he or she graduates is situated, irrespective of his or her place of residence in Canada. Candidates from a Province having no University may apply only in that Province, not in the Province where they are attending college or have taken a degree.

National Research Council Scholarships.—Bursaries of the value of \$750 will be open to award to applicants who have graduated with high standing in scientific study. Studentships of \$1,000 are awarded to those who have done satisfactory original graduate research, and Fellowships of \$1,200 to those who have indicated capacity to conduct independent research. Applications must be made before March 1st in each year. Application forms may be obtained from the Registrar.

For the coming year, 1934-35, the values have been reduced to \$450, \$600 and \$650 respectively.

Royal Society of Canada Fellowships.—Ten annual Fellowships, each of \$1,500, and open on equal terms to men and

women, will be offered in 1935 and 1936. They are tenable at institutions of learning or research, save in exceptional circumstances, outside of Canada. They are available for advanced research in Literature, History, Anthropology, Sociology, Political Economy, or allied subjects, in French or English; and in Mathematics, Chemistry, Physics, Geology, Biology, or subjects associated with any of these sciences.

An applicant for a Fellowship should be a graduate of a Canadian university or college, or should have received an equivalent training in a Canadian institution possessing adequate facilities in his particular subject, and, except in special cases, should have the Master's degree or its equivalent, or, preferably, have completed one or more years' work beyond that degree.

Applications, addressed to "Lawrence J. Burpee, Secretary, Royal Society of Canada Fellowships Board, Victoria Building, Ottawa, Canada," should contain particulars of the candidate's age and place of birth, a full statement of his academic career, with copies of original papers and any other evidence of his ability and originality in his chosen field; also an indication of the particular work he proposes to undertake, at what institution, and under whose direction, and should be supported by recommendations from the head of the department of the institution in which the candidate has studied, and from the instructors under whom he has chiefly worked. All these papers are to be in duplicate.

Applications for 1935 Fellowships will be received at any time. Further particulars may be obtained from the Registrar.

Aid Funds.

The Elizabeth McKenna Scholarship Fund.—

This Fund was instituted in 1928 by Mr. James D. McKenna, of Sussex, N. B., to commemorate the seventieth anniversary of the marriage of his parents, Peter and Elizabeth McKenna, of Dartmouth, N. S. For the present one Scholarship of the value of \$200 will be open to award. It is tenable for one year by a student intending to enter the Faculty of Arts and Science. Applicants must be bona fide residents of one of the Maritime Provinces and in need of financial assistance. Applications, accompanied by certificates showing worthiness, financial circumstances and academic qualifications, must be submitted before September 1, 1934.

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, 1934.

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 May 1st. For detailed information address The University Office.

Fees.

All Fees and Deposits are payable in advance, and until these are paid the student will not receive credit for attendance upon any class, nor be admitted to any examination.

For Registration.†

Payable by students taking only one class in the University	\$ 10.00
Payable by students taking more than one class	15.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day	2.00
Additional annual fee charged to those students from outside the British Empire entered in professional or pre-professional courses	150.00

For Tuition.

For each class other than a Commerce class, not involving work in laboratory or draughting-room	25.00
For Education I	27.00
For each Commerce class	35.00
**For each draughting-room class	35.00
**For laboratory classes in—	
Geology	40.00
Biology, Botany, Zoology	40.00
Physics, Chemistry (other than Chemistry 10)	45.00
Chemistry 10	50.00
For students taking one of the regular Engineering courses the tuition fee, including laboratory fees, for the first year will be	\$150.00
and for each of the second and third years the maximum inclusive fee will be	200.00
For students taking the regular fourth year of the Fisheries Course the annual tuition fee will be	200.00
For course for M. A. or M. Sc. degree not involving laboratory work	75.00
Ditto, involving laboratory work	100.00
For changing course of study after October 10th, charge for adding or substituting a class	1.00

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

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

** See Laboratory Report, p. 17.

5. (1934-35). *Hours to be arranged.*

Plautus: *Paradulus*. Terence: *Phormio*. Horace: *Epistles*, Books I, II; *Art Poetica*. Cicero: *Philippics*, I, II; *Pro Caelio*. Vergil: *Georgics*, Books I, IV. Tacitus: *Annales*, Books I, II.

6. (1935-36). *Hours to be arranged.*

Plautus: *Trinummus*. Terence: *Adelphi*. Cicero: *De Oratore*, Book I. Tacitus: *Agriкола*. Pliny: *Letters*, Books I, II, III, LIV; Book XXII. Lucretius: Book V. Juvenal: *Satires* I, VII, VII, XIV.

7. Plautus: *Rudens*. Lucretius: *Books I, III*. Vergil: *Arnold*, Books X, XI, XII. Sallust: *Jugurtha*. Cicero: *Letters* (selected). Quintilian: Book X.

8. Plautus: *Mostellaria*. Cicero: *De Officiis*, Book I; *De Amicitia*. Elegiac Poets (Harrington's). Martial: *Selections* (Stephenson's). Petronius: *Cena Trimalchionis*. Seneca: *Essays* (Bell, London). Augustine: *Confessions*, Book I.

Latin 7 and 8 will in general be offered only when there is a candidate for Honours in Latin, and shall not be substituted for Latin 5 and 6 in the course for Honours in Latin and Greek. A portion only of the work prescribed in Latin 5, 6, 7 and 8 will be read in class.

Greek.

Elementary Greek.—*M. and F.*, of 10 s. m., and *Tu. and Th.*, of 2.30 p. m.

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

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

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

Prerequisite.—Matriculation Greek.

Plato: *Apology*. Euripides: *Alceste*. Greek Grammar. Greek Prose Composition. Exercises in sight translation.

Books Recommended: Plato: *Apology* (Adam's Macmillan). Euripides: *Alceste* (Bakewell, Bell, London). *Facitius and Nicholson*, Greek Prose Compositions (Copp Clark, Toronto). Goodwin-Guthrie: *Greek Grammar* (Ginn).

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

Prerequisite.—Greek I.

Herodotus: Book VI. **Homer:** *Odyssey*, Books IX, X. (selections). *XII. Greek Grammar. Greek Prose Composition. Exercises in sight translation.

Books Recommended: Herodotus: Book VI. (Shuckburgh's, Pitt Press). Homer: *Odyssey*, Books VII-XII (Merrill's, Oxford Univ. Press, Toronto). North and Hillard: *Greek Prose Compositions* (Livington, London).

3. (1934-35). *M. and W.*, of 12 m.

Prerequisite.—Greek 2.

Demosthenes: *Philippics I, II, III*; **Olynthians I, II*. Euripides: *Eleuter*. ***Homer:** *Iliad*, Book I.

Books recommended: Demosthenes: *Philippics* (Abbott and Matheson's, Oxford Univ. Press, Toronto). *Olynthians* (Glouce's, Cambridge Univ. Press.). Euripides: *Eleuter* (Koenig's, Bell, London). **Homer:** *Iliad*, Book I (Marchant's, Bell, London).

4. (1935-36). *M. and W.*, of 12 m.

Prerequisite.—Greek 2.

Plato: *Republic*, Book I; **Crito*. **Aristophanes:** *Clouds*. ***Homer:** *Iliad*, Book VI. Greek Prose Composition. Exercises in sight translation.

Books Recommended: Plato: *Republic*, Books I-V (Warren's Macmillan); *Crito* (Koenig's Macmillan, Toronto). **Homer:** *Iliad*, Book VI (Leaf and Bayfield's, Macmillan, Toronto).

5. (1934-35). *Hours to be arranged.*

Anachylus: *Emmerides*; *Prometheus Vinctus*. **Sophocles:** *Ajax*; *Oedipus Rex*. **Demosthenes:** *De Corona*. **Plato:** *Republic*, Books I-IV.

6. (1935-36). *Hours to be arranged.*

Homer: *Odyssey*, Books V to VIII. **Aristophanes:** *Frogs and Knights*. **Thucydides:** Book II. **Aristotle:** *Poetics*; *Ethics* (selections).

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

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

Introduction to Philology.

Two hours per week. Hours to be assigned.

Prerequisite.—Two years of Latin or Greek, and at least one year of another foreign language.

This course aims to furnish (1) an outline picture of the history of scholarship; (2) an elementary knowledge of the methods, problems and results of philological investigation. The course is conducted by means of lectures and assigned readings. Reading for Distinction will be assigned early in the session.

(For a special class in Ancient History, students are referred to History 12, page 75.)

II. New Testament Greek.

Prerequisite.—Greek 1.

The class and examination in New Testament Greek conducted by Professor J. W. Paley in Pine Hill Divinity Hall, Halifax, and those conducted by Professor T. H. Hunt in the Faculty of Divinity, King's College, are recognized as qualifying for a degree for those taking the affiliated course for Divinity. Similar classes in other theological colleges approved by the Faculty are also recognized for the same purpose.

*For private reading by students seeking First or Second Class Distinction.

*For private reading by students seeking First or Second Class Distinction.

III. Hebrew.

The class and examination in Hebrew, conducted by Professor W. G. Watson in Pine Hill Divinity Hall, Halifax, and those conducted by Professor T. H. Hunt in the Faculty of Divinity, King's College, are recognized as qualifying for a degree for those taking the affiliated course for Divinity. Similar classes in other theological colleges approved by the Faculty are also recognized for the same purpose.

IV. Modern Languages.

Professor _____ François-René Gauthier.
Associate Professor _____ C. H. Mercer.
Assistant Professor _____ E. Mabel Mason.

French.*

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

1. (1) Tu, Th, and S. of 9 a. m.; (2) Tu, Th, and S. at 11 a. m.
Prerequisite: Matriculation French.

Text Books: Fraser, Squair and Carzabah: *Standard French Grammar*, Part II. Bafum: *Contes français* (Holt). Alfred de Musset: *On ne badine pas avec l'amour*. Paul Féval: *La Fée des grises* (Ginn). Doillet: *Popazaire s'en va-en guerre*, (Ginn). Badaire: *Précis de littérature française* (Heath). D. C. Pargment: *Le français oral*. Kastner and Marks: *A new course of French composition*, Book I, (Dent).

2. (1) Tu, Th, and S. of 9 a. m.; (2) M., W. and F. at 10 a. m.
(3) M., W. and F. at 9 a. m.

Text Books: Fraser and Squair: *Complete French Grammar*. Ch. M. des Granges: *Histoire de la littérature française*. Mélière: *L'Azur and Les Femmes acrotates* (Follisnon's edition, Delagrave, Paris). La Bruyère: *Fables* (Clément's edition, Armand Colin, Paris). La Bruyère: *Les Caractères* (Selected). Kastner and Marks: *A new course of French composition*, Book II, (Dent).

Additional for Distinction: Searson: *Le Roman comique* (Selections). Bouéas: *Sottise*. Fénelon: *Épisodes des Mortis*. Victor Hugo: *Les poésies gens*. A. Daudet: *Lettres de mon oncle*.

3. Tu, and Th. at 3.50 p. m.

Text Books: Veltaire, by L. Flandrin (Collection d'auteurs français d'après la méthode historique, Hatier, Paris). Balzac: *Le colonel Chabert*. Alfred de Vigny: *Le Cœhet rouge*. Alfred de Musset: *Faustine*. Ch. M. des Granges: *Morceaux choisis des auteurs français*, 19e et 20e siècles. Kastner and Marks: *A new course of French composition*, Book III.

Additional for Distinction: Mérimée: *Colombi*. Lamartine: *Chefs d'œuvre poétiques*. Victor Hugo: *Amyrthod*. A. Daudet: *Tartarin de Tarascon*. André Maurois: *Les discours du major O'Grady*.

4. (1906-37). Tu, and Th. at 4.30 p. m.
(This class and the following will be conducted entirely in French.)

*The University provides no instruction for beginners in French, but extramural classes will be formed, if a sufficient number of students apply, to provide instruction in French for matriculation.

History of French literature from the Renaissance to the beginning of the philosophic movement (1530-1700).

Text Books: Ch. M. des Granges: *Histoire de la littérature française*. J. Vianey: *Chefs d'œuvre poétiques du XVIIe siècle* (Hatier). Ch. M. des Granges: *Morceaux choisis des auteurs français du XVIIIe siècle*. Corneille: *Horace*. Molière: *Le Misanthrope*. La Fontaine: *Fables* (Clément's edition). Racine: *Phédre*. Boileau: *Art poétique*. La Bruyère: *Les Caractères*.

Additional for Distinction: Molière: *Les Précieuses ridicules*. Bossuet: *Oratoire funèbre d'Henriette d'Angletère*. La Rochefoucauld: *Mémoires*. Madame de la Fayette: *La Princesse de Clèves*. Madame de Sévigné: *Lettres choisies*.

5. (1904-35). Tu, and Th. at 4.30 p. m.

History of French literature from the beginning of the XVIIIth century to the romantic movement.

Text Books: Ch. M. des Granges: *Morceaux choisis des auteurs français du XVIIIe siècle*. Montesquieu: *Lettres persanes* (Selected). Marivaux: *Les Femmes confidées*. Voltaire, by L. Flandrin (Hatier). D'Alembert: *Dicours préliminaire de l'Encyclopédie*. J. J. Rousseau: *Les Confessions* (Selections). Beaumarchais: *Le Barbier de Séville*. André Chénier: *Poésies choisies*.

Additional for Distinction: Saint-Simon: *La cour de Louis XIV* (Nelson). Destouches: *Le Glorieux*. Rivarol: *Dicours sur l'universalité de la langue française*. J. J. Rousseau: *Éléments du promeneur solitaire*. Florian: *Fables choisies*.

6. (1905-36). Tu, and Th. at 4.30 p. m.

History of French literature: XIXth and XXth centuries.

Text Books: Ch. M. des Granges: *Morceaux choisis des auteurs français des XIe et XVe siècles*. Chateaubriand: *Mémoires d'outre tombe*. Lamartine: *Harmonies poétiques et religieuses*. Victor Hugo by M. Levaillant (Delagrave, Paris). A. de Musset: *Il ne faut jurer de rien*. Sainte-Beuve: *Poésies romantiques* (Selected articles). Sandeau: *Mademoiselle de la Seiglière*. A. Daudet: *Le petit Chose*. A. France: *Le Lièvre de mon ami*.

Additional for Distinction: Ch. M. des Granges: *Les romanciers français, 1800-1930*. A. de Vigny: *Poésies choisies*. Michelet: *Journa d'Arc*. H. Hequet: *Les Corbeaux*. Brieux: *La Robe rouge*. Loti: *Le Roman d'un enfant*.

German.

Every student in the department of German should read from 100 to 200 pages during the year in addition to the Text Books used in class. This Supplementary Reading will not necessarily be the same for every student, but will meet different requirements.

Elementary German.—Tu, Th, and S. at 9 a. m.

This class, which prepares for the matriculation examination held in April, will not count for a degree.

Text Books: Vog: *Essentials of German* (Holt). Winter: *Polish Talks* (Putnam). Reichowit: *Einleitungsbuch* (Grosz). Beyerling: *Kind's Notes* (Harvard). Pegibari: *Active German Course*. First Year (Univ. of London Press).

Supplementary Reading (50 pages): Foster and Woolley: *Geometrie und Metrike* (Heath). Michel and Wenzelbach: *Chekes* (Holt).

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

Prerequisite.—Matriculation German.

Text Books: Vogt: *Essentials of German* (Holt). Linguaphone Conversational Course: German, Lessons 1 to 15. Kolchinsky: *Deutschs Fibel* (Coffin). Dent's Elementary German Reader. Karsner: *First and the Deutsche* (Bell). Peggini: *Active German Course, Second Year*. Collins: *Easy German Poetry* (Ginn).

Supplementary Reading (300 pages): Rappert-Collins: *First German Reader* (Holt). Alcala and Pfeiler: *Is Deutschland*.

2. M., W. and F. of 2.30 p. m.

Prerequisite.—German 1.

Text Books: Peggini: *Active German Course, Third Year*. Linguaphone Conversational Course: German, Lessons 16 to 35. Harff: *Die Karawane* (Dent). Stepanov: *Fabeln Deutscher Dichtung* (Macmillan). Dent's Second German Reader. Fuld: *Unter Vier Augen* (Holt).

Supplementary Reading and Distinction (300 pages): Thies: *Abkürztes von Paradies*. Bismarck: *Die Bismarck Memo.* Bismarck: *Der Schicksalsbruder*. Freytag: *Die Journalisten*.

3. (1934-35). Tu. and Th. of 2.30 p. m.

Prerequisite.—German 2.

Text Books: Childs: *German Compositions and Conversations* (Ginn). German Lectures (Dent). Thomas: *Lehrbuch der Deutschen Literatur* (Health). Stroebel and Whitney: *Geschichte der Deutschen Literatur* (Holt). *Break Up Your German* (Dent). Meyer and Nauck: *Das Neue Deutschland* (Holt).

Supplementary Reading and Distinction (300 pages): Scheitler: *Zwei Tausend Neunzehn* (Bell). Fuld: *Das Verlorene Paradies*. Lipman: *Meine Schüler*. Ballew: *Die Lieder*. Leasing: *Meine von Bismarck*.

4. (1935-36). Tu. and Th. of 2.30 p. m.

Prerequisite.—German 2.

Text Books: Childs: *German Compositions and Conversations* (Ginn). German Lectures (Dent). Stroebel and Whitney: *Geschichte der Deutschen Literatur* (Holt). Health's German Reader. Spelling: *Pronach*. Widenbruch: *Vergangen und der Lende*.

Supplementary Reading and Distinction (300 pages): Reiss: *Modern German Reader* (Health). Sailer, Baum. Ernst: *Scenes of the Jousting*. Sapper: *Zwei Erzählungen*. Gensch: *Feind I*.

A certain amount of "scientific" German may be offered as part of the supplementary or distinction reading in German 3 and 4.

Students interested in the study of German for Science, Medicine, or Commerce, should consult the department. Arrangements can be made to give special assistance to such students.

Text Books recommended for private study: Schulz: *German Science Reader*. (Macmillan). Burkhardt: *Readings in Medical German* (Holt). Denton: *Practical Course in Commercial German* (Harrap).

Spanish.

The same recommendations with regard to private reading apply to Spanish as to German.

Elementary Spanish.—Tu. and Th. of 2.30 p. m. and a third hour to be arranged when the class meets.

This class, which prepares for the matriculation examination held in April, will not count for a degree.

Text Books: Hills and Ford: *First Spanish Course* (Copp Clark). Elementary Spanish Reader (Dent). Linguaphone Conversational Course: Spanish.

Supplementary Reading (50 pages): Williams: *Beginners' Spanish Reader* (Holt). Hills and Carr: *Comedia y Leyenda* (Health).

1. M., W. and F. of 2.30 p. m.

Prerequisite.—Matriculation Spanish.

Text Books: Hills and Ford: *First Spanish Course* (Copp Clark). Canby: *La Casa*. Vignas (Health). Linguaphone Conversational Course: Spanish.

La Prensa (Spanish Newspaper).
Supplementary Reading (150 pages): Romera-Navarro: *Historia de Espana*. Wexler: *Un Verano en Espana*. Alcala Ibanez: *Comedia Escogida*.

2. M., W. and F. of 3.30 p. m.

Prerequisite.—Spanish 1.

Text Books: Carrvajal: *Spanish Read. Dist.*. Linguaphone Conversational Course: Spanish. (Health). *La Prensa* (Spanish Newspaper).

Supplementary Reading and Distinction (200 pages): Acosta: *Las Comedias* (Health). Taboada: *Comedia Alegre*. Tustury y Bazo: *Una Apoteosis*.

3. Tu. and Th. of 4.30 p. m.

Prerequisite.—Spanish 2.

Text Books: Carrvajal: *Spanish Book Two. Break Up Your Spanish* (Dent). *La Prensa*.

Supplementary Reading and Distinction (300 pages): Valdes: *La Novela de un Soldado*. Gironella: *Comedia Fria y Caliente*. Spanish Lyrics (Dent). Caballero: *La Quincia*. Galdos: *Dona Perfecta*.

Students specializing in Commercial Spanish may substitute other supplementary readings in Spanish 3.

V. Biblical Literature.

W. G. Watson.

Lectures. There are two university classes in the literature of the Old and New Testaments. Either one of these classes may be offered as an elective for a degree in Arts, except by a student who is offering a class in Biblical Literature as a part of an affiliated group. The class and examination in Biblical Literature conducted by the Faculty of Divinity, King's College, are recognized as qualifying for a degree for those taking the affiliated course for Divinity.

1. (1934-35). Tu. and Th. of 4.30 p. m.

Old Testament. The Hexateuch and Historical Books of the Old Testament and the pre-exilic Prophets. Lectures are given on the origin of the Hebrew people, the relation of Hebrew literature to the literatures of the surrounding nations, the various kinds of writing to be found in the Old Testament, and the structure and contents of the books themselves.

Text Books: Moffatt: *Old Testament*. Fowler: *A History of the Literature of Ancient Israel*. Bailey and Kent: *History of the Hebrew Commonwealth*. Relevant articles in Hastings' *Dictionary of the Bible*.

New Testament. The Gospels studied as the literary sources for the teaching of Jesus.

Text Books: Moffatt: *New Testament*. Booth: *The World of Jesus*. Goodspeed: *The Story of the New Testament*.

2. (1935-36). Tu. and Th. of 4.30 p. m.

Old Testament. The exilic and post-exilic Prophets, the Poetry and Wisdom Literature. Lectures are given on the decline of prophecy, the rise of the Wisdom and Apocalyptic literature, and the character of Hebrew poetry.

Text Books: Robinson: *Prophecy and the Prophets in Ancient Israel*. Gordon: *Poets of the Old Testament*. Charles: *Between the Old and New Testaments*.

New Testament. The history and literature of the Apostolic Age.

Text Books: Moffatt; *The Approach to the New Testament*. Norton; *The Rise of Christianity*. Relevant articles in Hastings' *Dictionary of the Bible*.

VI. English Language and Literature.

Professor.....C. L. Besset (Head of Dept.),
Associate Professor.....J. Burns Martin,
Assistant Professor.....A. R. Jewitt.

1. Composition and Literature.—M., W. and F. of 12 m.

Prerequisite.—Matriculation English.

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

Text Books: Literature: *Century Types of English Literature* (McClelland and Baugh). Composition: Foerster and Steadman; *Writing and Thinking*.

In this course all students will be required to show that they have read the following novels: Goldsmith: *The Vicar of Wakefield*. Conrad: *Youth*; *Gypsar Rais* (Dent).

2. The Renaissance; Shakespeare; Milton. M., W. and F. of 12 m.

Prerequisite.—English 1.

Text Books: Hardin Craig; *Shakespeare* (Plays and Commentary). Milton: *Solomon* (ed. Hamford).

Plays for special study: *Romeo and Juliet*; *Henry V*; *Hamlet*.

For Distinction: Shakespeare; *Henry IV, Part 1*; *Othello*; *The Winter's Tale*. Milton: *Paradise Regained*. Book IV; *Samson Agonistes*.

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

Text Book: Foerster and Steadman; *Writing and Thinking*.

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

2E. W. and F. of 9 a. m.

Prerequisite.—English 1.

Candidates for the Diploma in Engineering may obtain credit for a second year of English if they satisfy requirements in composition equivalent to those for English 2, though, in itself, English 2E is not accepted for a degree in Arts and Science. Such students should consult the instructor at the beginning of the Course.

3. Middle English. (1934-35). Hours to be arranged.

Prerequisite.—English 2.

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

Texts: Chaucer (ed. Robinson). *A Middle English Reader* (Emerson). Others to be arranged.

4. Nineteenth Century Literature.—(1934-35). Tu. and Th. of 4.30 p. m.

Prerequisite.—English 2.

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

Texts and Text Book: *Poetry and Prose of the Romantic Revival* (Wood). For Distinction: An essay on a subject assigned by the instructor.

5. Nineteenth Century Literature.—(1935-36). Tu. and Th. of 4.30 p. m.

Prerequisite.—English 2.

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

Text Books: Carlyle; *Essex Assizes* (ed. MacMechan). *Poetry of the Victorian Period* (ed. Wood). Reference Books: *Sanitary History of Nineteenth Century Literature*. Chesterton; *Victorian Literature*. Elton; *Survey of English Literature, 1830-1880*.

For Distinction, as in English 4.

6. Old English.—(1935-36). Hours to be arranged.

Prerequisite.—German 1.

Text Book: Fison; *Old English Grammar and Reader*. Sight translation from easy texts.

7. Elizabethan Drama.—(1934-35). Tu. and Th. of 10 a. m.

Prerequisite.—English 2.

A close study of English dramatic literature from Lyly to Shirley (1589-1642), with emphasis on representative texts. The course will be conducted as a seminar. Students intending to take this course are advised to read several of the set plays during the preceding summer.

Text Books: Schelling and Mack; *Typical Elizabethan Plays*.

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

8. Canadian Literature. No separate lecture course in Canadian literature will be offered during 1934-35. Due attention will be given to such Canadian writers and literary forms as come naturally within the scope of the following courses: English 1, 9, 11 and 16. An opportunity to pursue special investigations will be offered to properly qualified students who apply for it.

9. Drama.—(1934-35). Tu. and Th. of 11 a. m.

Prerequisite.—English 2.

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

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

10. Advanced English Composition.—(1934-35). W. and F. of 10 a. m.

Prerequisite.—English 2.

Only a limited number of specially qualified students will be admitted to this class. Laboratory methods will be used. There will be daily composition with criticism and revision.

11. Modern Poetry.—(1934-35). M. and W. of 11 a. m.

Prerequisite.—English 2.

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

For Distinction: The special study of one English and either one American or one Canadian poet.

12. The History, Theory, and Methods of Literary Criticism.—(1935-36). Hours to be arranged.

Prerequisite.—History 2.
For Honours and M. A. Students: others by special permission only.

Text Books: *Salmody: History of English Criticism.* *Cass: The Theory of Poetry in England.* *Back: Literary Criticism.* *Richards: The Principles of Literary Criticism; Practical Criticism.*

13. The History of the English Language.—(1935-36). M. and W. of 11 a. m.

An introduction to the historical study of the sounds, words and forms of English. This course is suitable for those who expect to offer English as one of the requirements for the Academic Licence issued by the Department of Education of the province of Nova Scotia.

Text Books: *Wyld: The Historical Study of the Mother Tongue. Jespersen: Growth and Structures of the English Language.*

14. Poetry and Prose of the English Renaissance.—(1935-36). Tu. and Th. of 10 a. m.

Prerequisite.—English 2.

Texts: *The Oxford Book of Sixteenth Century Verse; English Verse, Complete to the Elizabeth (World's Classics No. 399).*

15. English Literature in the Eighteenth Century.—(1935-36). M. and W. of 2.30 p. m.

Texts: *English Verse, Dryden to Wordsworth (World's Classics No. 312)* For reference: *Aldrich: Readings in English Prose of the Eighteenth Century.*

16. The English Novel Since 1800.—(1934-35). M. and W. of 2.30 p. m.

The class will be conducted as a seminar, at which regular reports must be presented. A list of some thirty novels is prescribed, and students should consult the instructor to arrange for vacation reading before entering the course.

For Distinction: Reports on additional reading assigned by the instructor.

17. Advanced Seminar. Members of the department are prepared to offer, to properly qualified students, the opportunity to make a special study of the works of a single author of whom a sufficient introductory knowledge has already been obtained. Admission will be strictly limited, and not more than one author will be studied in any one year. The following may be elected: Chaucer; Spenser; Shakespeare; Milton; Dryden; Wordsworth; Arnold.

VII. History.

Professors.....G. E. Wilson (Head of Dept.), A. Stanley Walker

1. History of Europe Since the Fall of the Roman Empire.—M., W. and F. of 9 a. m.

Prerequisite.—Matriculation History.
Given annually.

2. Ancient History.—(1935-36 and in alternate years).—M., W. and F. of 10 a. m.

Prerequisite.—History 1.

3. Modern England.—(1934-35, and in alternate years).—M., W. and F. of 10 a. m.

Prerequisite.—History 1.

4. History of Europe since 1815.—(1934-35, and in alternate years). Tu. and Th. of 2.30 p. m.

Prerequisite.—Two classes in History.

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

5. History of Europe, 1715-1815.—(1935-36, and in alternate years). Tu. and Th. of 2.30 p. m.

Prerequisite.—Two classes in History.

This class will be conducted like History 4, readings being assigned on selected topics. The chief subjects for study will be the French Revolution and the career of Napoleon.

6. England under the Tudors.—(1935-36, and in alternate years). M. and W. of 2.30 p. m.

Prerequisite.—Two classes in History.

7. The Fourteenth Century.—(1934-35, and in alternate years). M. and W. of 2.30 p. m.

Prerequisite.—Two classes in History.

8. History of Canada to 1837.—(1935-36, and in alternate years). Tu. and Th. of 10 a. m.

Prerequisite.—History 1.

9. History of Canada since 1837.—(1934-35, and in alternate years). Tu. and Th. of 10 a. m.

Prerequisite.—History 1.

10. Seminar Course on Canadian History with special reference to Nova Scotia.

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

Prerequisite.—History 8 or 5.

11. History of the United States.—M., W. and F. of 10 a. m.

Prerequisite.—History 1.

12. A Period of Ancient History.—(1934-35). The Roman Republic, 146-44 B. C. Two hours per week.

Prerequisite.—History 1 and Latin 2.

Intending students should consult the instructor. Reports and some study of the original authorities will be required.

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

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

VIII. 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.

IX. Economics and Sociology.

Economics.

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

1. **Principles of Economics.**—Tu., Th. and S. of 11 a. m.
2. **Modern Economic History.**—(1934-35). Tu., and Th. of 3.30 p. m.
Prerequisite.—Economics 1.

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

3. **Money and Banking.**—(1934-35). Tu., and Th. of 2.30 p. m.
Prerequisite.—Economics 1.
4. **Labor Problems and Trusts.**—(1935-36). Tu. and Th. of 3.30 p. m.

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

5. **Economic Theory.** (1935-36). M. and W. of 9 a. m.
Prerequisite.—Economics 1.
6. **Programmes of Social Reconstruction.**—(1935-36). Tu. and Th. of 2.30 p. m.
Prerequisite.—Economics 1.
7. **International Trade and Tariff Problems.**—(1934-35). M. and W. of 9 a. m.
Prerequisite.—Economics 1.

Sociology.

Associate Professor. S. H. Prince.

1. **Principles of Sociology.**—M., W. and F. of 2.30 p. m.
Text Books: Lumsden; *Principles of Sociology*. Gillis and Backus; *Outline of Sociology* (3rd Ed.). Park and Burgess; *Introduction to the Science of Sociology*. Malinva; *Society: Its Structure and Changes*.
Special reading list with assignments from works of Giddings, Cooley, Elwood, Sumner, Ross, Bogardus, Ogden, Lumsden and others.

2. **Applied Sociology.**—(1934-35). Tu. and Th. of 2.30 p. m.
Prerequisite.—Sociology 1 or Economics 1.
(i) Population Problems, (ii) Social Pathology, (iii) Reform movements in Canada.

Text Books: Beach; *Introduction to Sociology and Social Problems*. Thompson; *Population Problems*. Glenn and Mann; *Social Pathology*.
Reference Books: Wright; *Population*. Townes; *Social Problems*. Davie; *Problems of City Life*, Seekin and Zimmerman; *Rural Urban Sociology*. Fensholt; *Immigration*.

Also topical bibliography supplied in class.

2. **Social Legislation.**—(1935-36). Tu. and Th. of 2.30 p. m.
Prerequisite.—Sociology 1 or Economics 1.
(i) Philanthropy and Social Politics, (ii) Special Legislative Studies, (iii) Social Legislation in Canada.

Text Books: Cullont; *Principles of Social Legislation*. Jenks; *Governmental Action for Social Welfare*. Kahn; *Science of Public Welfare*. Strong; *Public Welfare Administration in Canada*. Sanger; *Social Insurance*. Lippman; *Public Opinion*. Stewart; *Canadian Labour Laws*.
Reference Books: Ilbert; *Mechanics of Law-making*. *Revised Statutes of Canada*.

4. **Anthropology.**—(1935-36). M. and W. of 3.30 p. m.
Prerequisite.—Sociology 1 or Economics 1.
Text Books: Bibb; *Physical Anthropology*. Kroeber; *Anthropology*. Wintler; *Introduction to Social Anthropology*.

Reference Books: Kroeber and Wasserman; *Source Book of Anthropology*. Lewis; *Primitive Society*. Yarrow; *Social Origins*. Goldenweiser; *Early Civilizations*.

5. **Social Theory.**—(1935-36). Hours to be arranged.
Prerequisite.—Sociology 1.
Text Books: Lichtenberger; *Development of Social Theory*.
Additional readings prescribed from Giddings, Bristol, Bogardus, Barnes and other writers on historical sociology.

6. **Social Institutions.**—(1934-35). W. and F. of 3.30 p. m.
Prerequisite.—Sociology 1 or Economics 1.
A study of the chief institutions of social life: family, school, church, shop, state, press, etc.

Text Books: Herzl; *Social Institutions*. Under; *Social Institutions*. Ogilvie, Greenh and Ingraham. Gillette; *Habitants and Wanderers*. *Social Institutions of the Simplex Peoples*. Muller-Lyer; *History of Social Development*.

3. **Social and Vital Statistics.**
Social Work.—Economics 1 and Sociology 1, together with three other classes in Sociology, are prerequisite to professional training in Social Work. Students may complete the requirements for a diploma in this field by one additional year of field work and study.

X. Political Science.

Professor. R. A. MacKay.
1. **Government of the British Commonwealth.**—M., W. and F. of 3.30 p. m.

Books Recommended: No text will be prescribed but readings will be assigned from time to time from the following: Ogg; *English Government and Politics*. Lacey; *Law of the Constitution*. Murray; *Modernism of the Modern State*. Merris; *Government of Europe*. Smith; *Democracy Means Rule in Freedom*. *Introduction to Constitutional Law*. *Speeches and Documents on the British Dominion, 1918-1931*. Hall; *British Commonwealth of Nations*. Kennedy; *Constitution of Canada*. Wharret; *The State of Westminster*. Elliott; *The New British Empire*.

2. **International Relations and Problems.**—(1935-36). M., W. and F. of 12 m.
Prerequisite.—Political Science 1, or History 1.

Books Recommended: Hall; *International Relations*. Mowat; *International Government*. Hodges; *Background of International Relations*. Moon; *Imperialism and World Politics*. Hayes; *Essays on Nationalism*. Howard-Bell; *Origin, Structure and Working of the League of Nations*. Dunscombe and; *Ten Years of World Co-operation*. Morley; *Society of Nations*.

3. Comparative Government.—(1935-36). M. and W. of 2.30 p. m.

Prerequisite.—Political Science 1.

Books Recommended: Beard: *American Government and Politics*. Bryce: *Modern Democracies*. Flett: *Theory and Practice of Modern Government*. Garnett: *Political Science and Government*. Kay: *Major European Governments*. Mill: *Representative Government*. Lloyd: *Public Opinion and Popular Government*. Wallas: *Human Nature and Politics*. Laski: *Politics*.

4. Political Theory.—(1934-35). M. and W. of 2.30 p. m.

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

Readings will be assigned from the following: Aristotle: *Politics*. Plato: *Republic*. Machiavelli: *The Prince*. Hobbes: *Leviathan*. Locke: *Second Treatise on Civil Government*. Rousseau: *Social Contract*. Mill: *Liberty, Man and Empire: The Communist Manifesto*. Laski: *Communitarian*. Books Recommended: Drilling: *Political Theories*. Burns: *Political Ideas*. Melville: *History of Political Theory in the West*.

5. Constitution and Government of Canada.—(1934-35). M. and W. of 12 m.

Prerequisite.—Political Science 1.

No text book will be required but considerable use will be made of cases and documents from the following: Dawson: *Constitutional Issues in Canada*, 1920-1921. Kennedy: *Statutes, Treaties and Documents of the Canadian Constitution*.

Books for reference: Kennedy: *Constitution of Canada*. Lefroy: *Short Treatises on Canadian Constitutional Law*. Smith: *Federalism in North America*. Dawson: *Civil Service of Canada*. Mackay: *Unsettled Status of Canada*. Siegfried: *Some Questions in Canada*. Brady: *Canada, Canada and Its Provinces* (sections on Government).

Honour students taking courses numbered 2 to 5 above will be required to do additional work under the direction of the Department.

Honour and M.A. Courses. (Other students with advanced standing may be admitted but no student may register for any of these courses without the consent of the Department.)

10. Problems of the British Commonwealth.—Seminar course. Hours to be arranged.

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

12. Constitutional Law. This class may be given in whole or in part in the Law School.

XI. 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.

XII. Philosophy.

Professor..... H. L. Stewart (Head of Dept).
Assistant Professor..... F. H. Page.

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

Text Books: Logic: Coe: *Collegiate Logic*. Psychology: Woodworth: *Psychology*.

2. History of Greek Philosophy.—(1935-36). W. and F. of 3.30 p. m.

Prerequisite.—Philosophy 1.

Text Books: Plato: *Republic*; *Phaedo*; *Apology*; *Theaetetus*. Aristotle: *Ethics*. Rogers: *Student's History of Philosophy*. Taylor: *Aristotle as His Predecessors*.

3. Ethics.—(1935-36). Tu. and Th. of 11 a. m.

Prerequisite.—Philosophy 1.

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

4. History of Moral Ideas.—(1934-35). Tu. and Th. of 11 a. m.

Prerequisite.—Philosophy 1.

Text Book: Lecky: *History of European Morals*. Reference will frequently be made to WESTERMARK: *Origins and Development of the Moral Ideas*.

5. Metaphysics.—(1934-35). Th. and S. of 10 a. m.

Prerequisite.—Philosophy 1.

Text Book: Taylor: *Elements of Metaphysics*.

6. History of Philosophy from Bacon.—(1934-35). W. and F. of 3.30 p. m.

Prerequisite.—Philosophy 1.

Text Books: Bacon: *Novum Organum*. Locke: *Essay on the Human Understanding*. Berkeley: *Dialogues*. Huxthall: *History of Philosophy*.

7. British Philosophy in the Nineteenth Century.—(1935-36) Tu. and S. of 10 a. m.

Prerequisite.—Philosophy 1.

8. Philosophic Ideas in Literature.—(1934-35). W. and F. of 2.30 p. m.

Prerequisite.—Philosophy 1.

The course will include a study of philosophic ideas in Tolstoy, Hardy, Anatole France, H. G. Wells, Ibsen, Morley, Frederic Harrison, Mrs. Humphry Ward, Rabindranath Tagore, Wilfrid Ward, George Meredith, and G. Bernard Shaw.

Psychology.

Assistant Professor..... F. H. Page.

2. Advanced General Psychology.—(1935-36). M. and W. of 10 a. m.

Prerequisite.—Philosophy 1.

Class demonstrations and experiments will be arranged.

3. Child Psychology.—(1934-35). Tu. and Th. of 3.30 p. m.

Prerequisite.—Philosophy 1. (Except for special students).

Text Books: Morgan: *Child Psychology*. Stern: *Psychology of Early Childhood*. Koffka: *Growth of the Mind*.

4. Abnormal and Social Psychology.—(1934-35). *M.* and *W.* of 5 a. m.

Prerequisite.—Philosophy 1.

Text Books: McDougall: *Outline of Abnormal Psychology. Introduction to Social Psychology.* Bridges: *Outline of Abnormal Psychology.* Hart: *Psychology of Sexuality.* Morgan: *Psychology of Abnormal People.* Allport: *Social Psychology.* Young: *Source Book in Social Psychology.*

3. Psychophysical Problems.—(1935-36). *Tu.* and *Th.* of 2.30 p. m.

Prerequisite.—Philosophy 1.

Books Recommended: McDougall: *Body and Mind.* Broad: *Mind and its Place in Nature.* Russell: *An Inquiry into Meaning and Truth.*

4. History of Psychology.—(1934-35). *M.* and *W.* of 10 a. m.

Prerequisite.—Philosophy 1.

Theories of the mind from Aristotle to the present day.

Reference Books: Brett: *History of Psychology.* 2 vols. Hart: *The Classical Psychologists.* Murphy: *Historical Introduction to Modern Psychology.* Hering: *History of Experimental Psychology.*

Education.

Professor.....C. Wilson Smith,

All Education courses, except Education 1, are largely professional in their content, and registration in all but Education 1 is restricted to candidates for the Diploma in Education. For the requirements for a Diploma in Education and for a Superior First Class License to teach see p. 49.

1. Educational Psychology and Principles of Education.—*M., W.* and *F.* of 11 a. m.

Open only to Seniors in Arts and 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.

2. The History and Philosophy of Education.—*Tu.* and *Th.* of 11 a. m.

Open only to Education students.

3. School Organization and Methods of Presentation of Subject Matter.—*Tu.* and *Th.* of 2.30 p. m.

Open only to Education students.

4. Observation and Practice Teaching.—*M., Tu., W., Th.* and *F.* 9 to 11 a. m.

Open only to Education students. Discussions of practical teaching methods, seminary projects, and individual conferences, as well as observation and teaching in the public schools of Halifax will occupy the time allotted to this course. Each candidate for the Diploma of Education must act as substitute teacher for three full days, without pay other than credit in this course, if asked to do so by the Supervisor of the Halifax Schools.

5. Educational Tests and Measures.—*Hours by arrangement.*

Open only to Education Students.

XIII. Mathematics.

Professor.....Murray Macneill (Head of Dept.)

Associate Professor.....J. G. Adshead,

Assistant Professor.....Charles Walmaley.

1. Elementary Mathematical Analysis.—(1) *M., W.* and *F.* of 10 a. m.; (2) *M., W.* and *F.* of 11 a. m.; (3) *Tu., Th.* and *S.* of 11 a. m.; (4) *M., W.* and *F.* of 10 a. m.

Prerequisite.—Matriculation Algebra and Geometry.

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

Text Book: Mullins and Smith: *Problems in Mathematics.*

2. Analytic Geometry and Calculus.—(1) *M., W.* and *F.* of 11 a. m.; (2) *Hours to be arranged at the beginning of the session.*

Prerequisite.—Mathematics 1.

Plane Coordinate Geometry, including equations of lines and conics. Differential and Integral Calculus with applications.

Text Book: Woods and Bailey: *Analytic Geometry and Calculus* (first half).

3. Analysis.—*Tu.* and *Th.* of 11 a. m.

Prerequisite.—Mathematics 2.

The analytical aspects of Infinitesimal Calculus, including real and complex numbers, series, exponential and hyperbolic functions, power series, Taylor's theorem, elementary Fourier series, properties of functions, systematic integration, approximate integration, gamma integrals and elementary differential equations.

Text Books: Woods and Bailey: *Analytic Geometry and Calculus* (second half). Walmaley: *Mathematical Analysis.*

4. Geometry.—*Tu.* and *Th.* of 10 a. m.

Prerequisite.—Mathematics 2.

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

Text Books: Woods and Bailey: *Analytic Geometry and Calculus* (second half).

Advanced Classes.

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

5. Theory of Functions of a Complex variable.—(1934-35)

Conformal representation, conjugate functions, Laplace's

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

Text Books: Titchmarsh: *Theory of Functions*; Courant: *Course of Analysis*, 1, 2. McRobert: *Functions of a Complex Variable*. Treatises by Goursat, Burkhardt, Whittaker and Watson, Porcupin, and others.

4. Projective Geometry.—(1934-35).

Text Books: Yehlan and Young: *Projective Geometry*. Books for reference: Grassman: *Introduction to Higher Geometry*. Baker: *Principles of Geometry*. Young: *Projective Geometry*. Books by Reul, Hirschke, Valdes and Young.

7. Modern Theory of Series.—(1935-36).

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

Text Books: Valles Poussin: *Cours d'Analyse*. Knopp: *Elementare Euklid. Bruchrechnung*. Fabry: *Series*. Trjapitzinski. Part: *Infinitesimal*. Works by Hobson, Borel and others.

8. Differential Geometry of Curves and Surfaces.—(1935-36).

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

Seminar.—F. of 8.30 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 advanced courses.

XIV. Physics.

Professors:—H. L. Bronson (Head of Dept.), J. H. L. Johnson, MacGregor Teaching Fellow. Assistants:—A. J. C. Wilson, Demonstrators:—C. A. Herdick, F. W. Sparks, W. J. Archibald.

Physics 1 and 2 are both first courses in Physics, and no student is permitted to take both for a degree.

Physics 1 is a general course for Arts and Science students, and for those intending to go into Medicine and Dentistry.

Physics 2 should be taken by all engineering students and by other students in Arts and Science who intend to major in Mathematics, Physics, and Chemistry.

1. **General Physics.**—Lect.: M. W. and F. of 11 a. m. Lab.: Two hours per week.

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

Text Book: Knott: *Physics for College Students*.

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

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

Text Book: Kinball: *College Physics*.

3. **Electricity and Magnetism.**—Lect.: Tu. and Th. of 9 a. m. Lab.: W. 2.30 to 5.30 p. m.

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

Text Books: Loeb: *Fundamentals of Electricity and Magnetism*. Kinball: *College Physics*.

4. **Heat and Light.**—Lect.: Tu. and Th. of 10 a. m. Lab.: M., 2.30 to 5.30 p. m.

Prerequisite.—Physics 1 or 2 and Mathematics 1.

Text Books: Franklin and MacNair: *Heat*. Valtsch: *Elements of Optics*.

5. **Physical Optics.**—(1934-35). Lect.: W. and F. of 12 m. Lab.: Th., 9 a. m. to 12 m.

Prerequisite.—Mathematics 2, Physics 4.

Books Recommended: Schuster: *Theory of Optics*. Robertson: *Introduction to Physical Optics*. Wood: *Physical Optics*.

6. **Electricity and Magnetism.**—Lect.: Tu. and Th. of 10 a. m. Lab.: M., 2.30 to 5.30 p. m.

Prerequisite.—Mathematics 2, Physics 3.

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

7. **Thermodynamics and Kinetic Theory of Gases.**—(1935-36). Lect.: W. and F. of 12 m. Lab.: Th., 9 a. m. to 12 m.

Prerequisite.—Mathematics 2, Physics 4.

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

11. **Advanced Practical.**—Six hours per week.

Prerequisite.—Physics 2 and 3.

The work of this class consists of the investigation of physical laws of a more complex kind than in Physics 2 and 3, and a greater degree of precision will be expected in the determinations made.

12. **Research Course.**—At least ten hours per week.

The work will consist of new investigations conducted by students who show sufficient ability and are otherwise qualified to undertake it.

Physics Seminar and Journal Club.—Th. of 5 p. m.

Lectures on recent developments in Physics; presentation of papers by senior students; reviews of current journals. All Honour and Graduate students are required to attend.

Mathematical Physics.

Professor..... G. H. Henderson.

13. **Modern Physics.**—Two hours lectures and one laboratory period.

Prerequisite.—Two courses in Physics.

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

14. Mechanics.

Prerequisite.—Mathematics 2 and Physics 2.

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

Books Recommended: Lamb; Statics; Dynamics.

15. Advanced Mechanics.

Prerequisite.—Physics 14.

A continuation of the previous course.

16. Introduction to Mathematical Physics.

Prerequisite.—Mathematics 3 and Physics 6.

Book Recommended: Page; *Introduction to Mathematical Physics*.**17. Mathematical Physics.**

Prerequisite.—Physics 16.

Book Recommended: Slater and Frank; *Introductory to Theoretical Physics*.**18. Quantum Theory.**

Prerequisite.—Physics 4 and 14.

19. Advanced Electricity and Magnetism.

Prerequisite.—Physics 16.

Book Recommended: Jeans; *Electricity and Magnetism*.**XV. Chemistry.**

Professor..... C. B. Nickerson (*Head of Dept.*).
 Associate Professors..... Harold S. King, C. C. Coffin.
 Instructor..... E. W. Todd.
 Demonstrator..... Anna M. Olding.

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

Prerequisite.—Matriculation Chemistry and Algebra.

Text Book: McPherson and Henderson; *A Course in General Chemistry*, 4th Ed.; or Foster; *Inorganic Chemistry for Colleges*.**2. Inorganic Chemistry and Qualitative Analysis.**—Lect.: F. at 10 a. m. Lab.: One afternoon per week.

Prerequisite.—Chemistry 1.

The laboratory work of this class consists of Qualitative Analysis, and is designed for those who are planning to enter professional courses.

3. Inorganic Chemistry, Qualitative Analysis and Inorganic Preparations.—Lect.: F. at 10 a. m. Lab.: Two afternoons per week.

Prerequisite.—Chemistry 1.

The lecture work of this class is that of Chemistry 2; the laboratory work consists of three additional hours a week and is designed for those who expect to continue with advanced classes in Chemistry.

4. Organic Chemistry.—Lect.: M. and W. at 10 a. m. Lab.: One afternoon per week.

Prerequisite.—Chemistry 1.

Text Book: Perkin and Kipping; *Organic Chemistry*.**7. Quantitative Analysis.**—Lect.: F. at 9 a. m.

Prerequisite.—Chemistry 2 or 3.

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

Text Book: Talbot; *Elementary Quantitative Analysis*.**Advanced Classes.**

These classes are intended especially for candidates for Honours in Chemistry; but any student who has passed in Chemistry 2 or 3 and 4 with Distinction may be admitted. Of these classes, Chemistry 8 and 9 are given in alternate years.

5. Physical and Colloid Chemistry.—Lect.: M. and W. at 9 a. m. Lab.: Two afternoons per week.

Prerequisite.—Chemistry 3, Physics 1 or 3.

Book Recommended: Bell and Gross; *Physical Chemistry*. Getman and Daniels; *Theoretical Chemistry*. Knapp; *Colloid Chemistry*.**6. Advanced Physical Chemistry.**—Lect.: Tu. and Th. at 9 a. m. Lab.: 5 a. m. to 1 p. m., with three additional hours.

Prerequisite.—Chemistry 4 and 5, Mathematics 3.

Books Recommended: Lewis; *A System of Physical Chemistry* Vols. 1 and 2. Taylor; *Treatise on Physical Chemistry*, Vols. 1 and 2. Glasstone; *Recent Advances in Physical Chemistry*.**8. History of Chemical Theory, Advanced Inorganic Chemistry.**—(1934-35).—Two lectures per week. No laboratory.

Prerequisite.—Chemistry 3 and 4.

The work of this class to the end of January deals with the early development of chemical theory. From the end of January, the lectures continue with modern theories in Inorganic Chemistry and a discussion of advanced topics in this field.

Books Recommended: Moore; *History of Chemistry*. Caven and Lander; *Inorganic Chemistry*.**9. Advanced Quantitative Analysis.**—(1935-36). One lecture and nine hours laboratory per week.

Prerequisite.—Chemistry 4 and 7.

Book Recommended: Yeadell and Hall; *Quantitative Analysis*.**10. Advanced Organic Chemistry.**—One lecture and nine hours laboratory per week.

Prerequisite.—Chemistry 4 and 7.

Text Book: Porter; *The Carbon Compounds*.**11. Research.**—The work of this class will consist of original investigation conducted by students who have shown themselves qualified.**Journal Club.**—Meetings are held weekly in the Physics Lecture Room. Advanced students must attend and take part in the presentation of papers.

XVI. Geology and Mineralogy.

Professor.....G. Vibert Douglas.
 Assistant.....C. K. Howse.

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

2. **Mineralogy.**—*Five hours per week to be arranged.*
 Prerequisite.—Geology 1.

3. **Petrology.**—*Lectures, colloquium and one laboratory per week. Times to be arranged.*

Prerequisite.—Geology 1 and 2.

4. **Economic Geology.**—*Lectures and colloquium: One afternoon per week.*

Prerequisite.—Geology 1.

5. **Field Geology.**—*Six hours per week to be arranged.*
 Prerequisite.—Geology 1.

Advanced Courses.

6. **Advanced Economic Geology.**—*One colloquium and laboratory per week.*

Prerequisite.—Geology 1, 2, 3, 4 and 5.

7. **Special Problems in Geology.**—*One colloquium per week.*

Prerequisite.—Geology 1, 2, 3, 4 and 5.

8. **Experimental Geology.**—*To be arranged for individual students.*

Prerequisite.—Geology 1, 2, 3, 4, 5 and 7.

XVII. Biology.

Professor.....Hugh P. Bell (Head of Dept.).
 Associate Professor.....F. Ronald Hayes.
 Assistant Professor.....Dixie Pelluet.
 Special Lecturer.....Margaret R. Butler.

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

Prerequisite.—Matriculation Physics or Chemistry.

An introductory course designed to illustrate the fundamental properties of living matter. The laboratory work consists of a study of representative plants and animals.

Zoology.

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

Prerequisite.—Biology 1.

3A. **Mammalian Anatomy.**—First term only. Lect.: Tu. and Th. at 2.30 p. m. Lab.: Tu. and Th., 3.30 to 5.30 p. m.

This class is the first term of Biology 2. It fulfils the requirements for admission to Medicine, but does not count as credit for a degree in Arts or Science.

3. **Invertebrate Zoology.**—(1934-35). Lect.: M. and W. at 2.30 p. m. Lab.: M., and W., 3.30 to 5.30 p. m.

Prerequisite.—Biology 2, which may be taken at the same time.

4. **Theoretical Biology.**—(1935-36). Lect.: M., W. and F. at 12 m.

Prerequisite.—Biology 1.

This course consists of lectures on such modern biological theories as heredity, evolution and genetics. Oral and written reports will be required of all students.

5. **Experimental Zoology.**—(1934-35). Lect.: M. and W. at 9 a. m. Lab.: M. and W., 10 a. m. to 12 m.

Prerequisite.—Chemistry 4, Biology 2, and permission of the Department.

A course treating from the experimental side such topics as reproduction, response, co-ordination and metabolism.

6. **General Histology and Technique.**—Ten hours per week. Lect.: S. at 9 a. m. Lab.: S. 10 a. m. to 1 p. m.; remaining periods to be arranged.

Prerequisite.—Biology 2 or Biology 12, and permission of the Department.

7. **Advanced Experimental Zoology.**—Lect.: Two hours per week. Lab.: Four hours per week.

Prerequisite.—Biology 5.

This course is a continuation of Biology 5.

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

Prerequisite.—Chemistry 4 and Biology 5.

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

Botany.

12. **General Botany.**—Lect.: M. and W. at 2.30 p. m. Lab.: M. and W., 3.30 to 5.30 p. m.

Prerequisite.—Biology 1.

An introduction to plant physiology and histology; and a survey of the plant kingdom, with special reference to the forms that illustrate the migration of plants from water to land.

13. **Algae.**—Lect.: Two hours per week. Lab.: Four hours per week.

Prerequisite.—Biology 12.

The work of this class is chiefly in the field, and consists of studies in Ecology, with special reference to marine and fresh water algae. Each student will require a pair of waders.

14. **Plant Biochemistry and Physiology.**—Lect.: Tu. and Th. at 9 a. m. Lab.: Tu. and Th., 10 a. m. to 12 m.

Prerequisite.—Biology 1, Chemistry 4, and permission of the Department. Chemistry 4 may be taken at the same time as this class.

15. **Advanced Plant Biochemistry and Physiology.**—Lect.: Two hours per week. Lab.: Four hours per week.

Prerequisite.—Biology 14.

This course is a continuation of the previous course.

16. **Plant Histology and Embryology.** Lect. and Lab.: Six hours per week.

Prerequisite.—Biology 6 and 12.

17. **Taxonomy of the Flowering Plants.** Lect. and Lab.: Six hours per week.

Prerequisite.—Biology 12.

This course includes field work during the summer.

Biological Seminar.

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

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

Histology and Embryology.

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

XVIII. Physiology and Biochemistry.

The classes Physiology 1 and Biochemistry 1 given in the Medical Faculty may in special cases be selected as electives for the Arts and Science degrees.

XIX. Fine Arts.

Lecturer..... J. W. Falconer.
M. and W. at 3.30 p. m.

This course, consisting of about fifty lectures accompanied with illustrations, will give an outline of the history of sculpture, painting, architecture, and the minor arts. The introductory lectures will be devoted to Egyptian and Assyrian Archaeology, fuller consideration will be given to Greek and Roman antiquities, while the latter part of the term will include the study of the architecture and painting of the Christian Age. A well-equipped library and many valuable photographs have been presented by the Carnegie Foundation for the use of members of this class.

Text Books: Fiske Kossball: *A History of Architecture*. George Henry Chase: *A History of Sculpture*. Arthur Pope: *A History of Painting*.

XX. Music.

Lecturer..... Harry Dean.

Music 1.—*Harmony and Counterpoint.*—(1935-36).
Music 2.—*History of Music, Appreciation of Music and Analysis of Musical Form.*—Hours will be arranged to suit the classes.

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

In addition to the above electives for the Arts degree the classes in the theory of Music and History of Music conducted in the Halifax Conservatory of Music are recognized as qualifying for the degree of Bachelor of Music. In the Theory, the course extends over three years; in the History, over two. Information as to details of subjects studied in the classes, fees, text-books, etc., may be obtained on application to the Director of the Conservatory, Mr. Harry Dean.

ENGINEERING COURSES.

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

XXI. Mechanics.

2. **Advanced.**—W. and F. at 9 a. m.

Prerequisite.—Physics 2, Mathematics 1, 2, 3 and 4 (Mathematics 3 and 4, however, may be taken simultaneously).

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

Text Book: Brown: *Engineering Mechanics*.

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

Prerequisite.—Drawing 1.

Text Book: Malvern: *Graphical Statics*.

4. **Mechanics of Machines.**—Lect.: M. at 11 a. m. Lab.: W., 10 a. m. to 1 p. m.

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

Text Book: Gifflet: *Kinematics of Machines*.

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

Text Book: Mills: *Materials of Construction*.

XXII. Surveying.

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

Prerequisite.—Matriculation Mathematics.

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

2. **Lect.: S. at 10 a. m. Lab.: Th., 2.30 to 5.30 p. m.**

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

The Practical work in Surveying is conducted on the University property on the North West Arm.

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

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

XXIII. Drawing.

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

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

Text Book: French: *Engineering Drawing*.

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

Text Books: To be assigned.

3. **Advanced Engineering Drawing.**—*F.*, 2.30 to 5.30 p. m. Prerequisite.—Drawing 1 and 2.

Reference Books: French: *Engineering Drawing*. Smith: *Practical Descriptive Geometry*. Cutter: *Descriptive Geometry*. Bishop: *Structural Drafting*. Carnegie Pocket Composites.

XXIV. Shop Work.

A course of about three weeks' duration immediately preceding the regular seasonal lectures is given by the Nova Scotia Technical College in its own workshops. This course is not compulsory, but the student is advised to take it. It will be accepted by the N. S. T. C. in lieu of three to six months' suitable work in industry.

XXV. Commerce.

Professor..... James M. MacDonald (Head of Dept.).
Lecturer in Commercial Law..... S. E. Smith.
Assistant in Accounting..... H. J. Egan.

1. **Elementary Accounting.**—*M., W. and F.* at 3.30 p. m.

Text Book: Goggin and Toner: *Accounting Principles and Procedures*. Practice Problems of Goggin and Toner.

2. **Intermediate Accounting.**—*M., W. and F.* at 11 a. m. Prerequisite.—Commerce 1.

3. **Advanced Accounting Problems.**—(1934-35). Three hours per week.

Prerequisite.—Commerce 2.

4. **Business Fundamentals.**—*Tu. and Th.* at 9 a. m.

Text Book: Gilbert and Gragg: *An Introduction to Business*. Various readings from standard texts.

5. **Marketing and Distribution.**—(1935-36). *Tu. and Th.* at 10 a. m.

Prerequisite.—Commerce 1 and 4.

Text Book: Copeland: *Problems in Marketing*. Readings.

6. **Part A: Business Conditions in Canada; Part B: World Economic Problems.**—(1935-36). *M. and W.* at 10 a. m.

Prerequisite.—Economics 1.

7. **Industrial Finance and Investments.**—(1934-35). *Tu., Th. and S.* at 10 a. m.

Prerequisite.—Economics 1, Commerce 1 and 4.

Text Book: Fraser: *Problems in Finance*. Readings.

8. **Commercial Law.**—(1934-35). *M., W. and F.* at 12 m.

Text Book: Falconbridge and Smith: *Manual of Canadian Business Law*.

9. **Foreign Trade.**—(1935-36). *M. and W.* at 12 m.

Prerequisite.—Economics 1, Commerce 4.

10. **Statistics.**—(1935-36). *Tu. and Th.* at 2.30 p. m.

Prerequisite.—Economics 1, Mathematics 1.

Text Book: Higginson and Friesbe: *Business Statistics*.

XXVI. Fisheries.

Lecturer in General Fisheries.....
Lecturer in Biochemistry..... S. A. Hearty.
Lecturer in Bacteriology..... Ernest Hess.
Lecturer in Chemistry..... D. LeB. Cooper.

1. **General Fisheries.** A study of the principal marine and fresh water forms of economic importance, and of the methods of their utilization.

Prerequisite.—Biology 1 and 3.

2. **Physics and Chemistry of Fish Curing.** This course deals with the application of physical and chemical principles in the preparation of fish and other marine forms for market.

Prerequisite.—Physics 2 and 3, Chemistry 1, 3 and 7.

3. **The Biochemistry of Fish Curing.** This course covers the post mortem chemical changes in fish flesh, as well as the processes occurring with each of the various methods of preparation.

Prerequisite.—Chemistry 3, 4 and 7, Biochemistry 1A.

4. **The Bacteriology of Fish Curing.** A study of the microorganisms of fish muscle, their effects and fate during fish handling processes.

Prerequisite.—Chemistry 1, Biochemistry 1A.

The classes, Fisheries 1, 2, 3, and 4, will be given at the Fisheries Experimental Station (Atlantic) of the Biological Board of Canada, situated in the city about a mile from the University.

Faculty of Law.

Preliminary Statement.

The Faculty of Law was organized in 1883. A curriculum was then prescribed extending over three years and leading to the degree of Bachelor of Laws. The curriculum has been modified from time to time and at present closely corresponds to the Standard Curriculum recommended by the Canadian Bar Association.

A Chair of Constitutional and International Law was endowed by George Munro, of New York, in 1883, as one of his many generous benefactions to the University. Richard Chapman Weldon, Ph. D., was appointed to this Chair in the same year and was made Dean of the Faculty, and held this position until his retirement from teaching in 1914. In 1931, there was established in memory of the late Dean Weldon, a Chair, the holder of which is called the "Weldon Memorial Professor of Law." The professorship of Contracts was held continuously from the beginning by Dr. Benjamin Russell, lately one of the Justices of the Supreme Court of Nova Scotia. Mr. Justice Russell ceased to deliver regular lectures in 1921. In 1932, there was established in honour of the Honourable Benjamin Russell, a Chair, the holder of which is called the "Russell Professor of Law." An additional full-time member of the staff was added in 1920, another in 1921, and a fourth in 1930. Besides the four full-time teachers, eight members of the Bench and Bar of the Province have during the past year given their services as voluntary lecturers in various courses at the School.

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 12,000 volumes, including practically all the English and Canadian Reports, a number of reports of the United States, and a number of sets of legal periodicals. The Library also includes a special collection of works dealing with the subjects of Legal History, Jurisprudence and Political Theory, known as the Bennett Collection.

Affiliated Courses.

A Bachelor of Arts of this University who has during his Arts Course taken the classes of the first year in Law may complete a subsequent Law course in the University in two years. Only four of such classes may be counted towards the Arts degree. See page 28.

Arrangements with the N. S. Barristers' Society.

Arrangements have been made with the Nova Scotia Barristers' Society whereby the University, when the Society desires it, will appoint two co-examiners for any subject of examination, one of them to be nominated by the Society. The Society in return will exempt from its Professional Examinations holders of the degree of Bachelor of Laws from Dalhousie University, but expressly stipulates that the examinations passed by the student must have included one by co-examiners on Procedure and Practice.

As students are expected to familiarize themselves with the subject-matter of the subjects of examination, whether covered by the lecturer or not, they are advised to consult not only the reference books recommended by the lecturer, but also those in the printed syllabus of the Professional Examinations of the Nova Scotia Barristers' Society.

The following information abstracted from the regulations of the Society is given for the benefit of those seeking admission to the Bar in this Province:

Attention is directed to the fact that by recent action of the Society the requirements of the Preliminary examination for admission as an articulated clerk have been raised, and that besides the Preliminary examination a candidate for admission to the Bar of Nova Scotia has now to pass three Professional examinations instead of two. These changes took effect as respects the Preliminary examinations on January 1st, 1924, and as respects the Professional examinations on July 1st, 1924.

An applicant for admission to the Bar must pass four examinations, Preliminary, First, Second and Third Professional.

Preliminary Requirements of the Society.

The preliminary requirements must be satisfied before a candidate can be admitted as an articulated clerk. In lieu of the examination certain certificates may be accepted. The subjects of examination are:—

1. English; 2. Geography and History; 3. Mathematics; 4. Latin; 5. Greek, or French, or German; 6. Constitutional History; 7 and 8, any two of the following:—Chemistry, Physics, Logic and Psychology, Surveying, Economics.

The grade of difficulty and comprehensiveness of the examinations is that of the corresponding examinations of the second year of a course in Arts of a recognized university. For the syllabus of the subjects see the printed regulations of the Society.

Candidates may be exempted from the Preliminary examination, in whole or in part, as follows:

(a) A candidate who presents to the Secretary satisfactory certificates of having completed Matriculation into any College or University approved by the Council of the Society for the purpose, and also of having attended and passed at some College or University approved by the Council of the Society for the purpose, at least ten regular classes of the course for the degree of Bachelor of Arts, of which two shall be English, one Mathematics, one Latin and one class in French or some other foreign language.

(b) A candidate who presents to the Secretary a satisfactory certificate that he is the holder of the diploma of Bachelor of Arts, Bachelor of Science, or Bachelor of Commerce, from any College or University approved by the Council for the purpose, provided that such candidate has completed matriculation in Latin into such College or University, or that he has passed an examination in Latin satisfactory to the Council.

Intermediate and Final Examinations of the Society.

No candidate who does not hold the degree of Bachelor of Arts from a College approved for the purpose shall be admitted to an Intermediate examination unless he has served as a duly article clerk for at least two years. Any candidate holding such degree may be admitted to the Intermediate examination after he has served as a duly article clerk for one year.

The time during which a student must serve under articles of clerkship is, (1) for a period of nine months after he has received a degree in law from any recognized law school, college or university or in the alternative for a period of three months between the sessions of the second and third years of his course leading to the degree in law and for a further period of six months after he has received the degree in law; (2) for a period of three years if at the time of his application for admission to the Bar he does not hold a degree in law from any recognized law school, college or university and if at the time of being article clerk he holds the degree of Bachelor of Arts, or Bachelor of Science, or Bachelor of Commerce from any recognized college or university. The period of service under articles for all other students is four years.

A student during his term of service shall not engage in any employment, other than attendance at an institution of education in law, which will have the effect of interfering with such services.

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. 12 *et seq.*

The University, in recognition of its responsibility to the public, and for its own reputation, reserves the

right to terminate the attendance of any student at any time should it appear that he is unlikely to reach such a standard, in the judgment of the Senate, as would warrant his admission to the practice of Law. Fees cannot be refunded to students who have been dismissed for any cause.

Degree.

The only degree conferred in the Faculty of Law is that of Bachelor of Laws (LL. B.).

Academic Year.

The Academic Year consists of one session of two terms covering a period of about thirty-six weeks. The first term of the session of 1934-35 will begin on Tuesday, September 11th, 1934, and end on Thursday, December 20th, 1934. The second term of the session of 1934-35 will begin on Thursday, January 3rd, 1935, and end on Tuesday, May 14th, 1935. The last day on which students can register for the work of this session is Saturday, September 15th, 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. 18), a student may be admitted to classes in this Faculty as a Special student, but his attendance is not recognized as qualifying for a degree.

Undergraduates in Arts.—An undergraduate in Arts looking forward to the study of Law may take any four of the classes of the first year of the law course and have them count in place of three of the ten electives required for the degree of Bachelor of Arts (see p. 28). Such undergraduate should arrange his Arts Course so as to take along with it the remaining subjects of the first year of the law course and thus be able to complete this course in two more years. For this purpose he should consult the Registrar early in his Arts Course.

Students who have Grade XII certificates and enter the Arts Faculty with advanced standing are advised that they cannot in general expect to complete the combined courses in Arts and Law in less than six years.

Undergraduates in Law.—All other candidates for admission must have completed Matriculation and must also present satisfactory certificates of having attended and passed at some degree-granting College or University recognized by the Senate for the purpose at least ten regular classes of the course for the degree of Bachelor of Arts, comprising two classes in English, one class in Latin, one class in French or some other foreign language, one class in Mathematics, one class in Political Science, and any four classes to be chosen from the following:—Latin, French or some other foreign language, History, Logic and Psychology, Economics, Political Science, Accounting, a Science class, Surveying 2. These ten classes may be reduced to five in the case of students who enter with advanced standing. 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 undergraduates in Law whether or not their course for that degree has included the above specified subjects.

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 to advanced standing in this Law School. (p. 24).

Matriculation.

For details of the requirements for Matriculation, see pp. 19-24.

Curriculum.*

First Year.—

First Term.—Contracts, History of English Law, Property I, Crimes, Torts.

Second Term.—Contracts, History of English Law, Property I, Crimes, Torts.

Second Year.—

First Term.—Property II, Bills and Notes, Corporations, Sales, Insurance, Procedure I, Agency and Partnership.

Second Term.—Property II, Bills and Notes, Corporations, Equity I, Procedure I, Agency and Partnership, Bankruptcy.

Third Year.—

First Term.—Constitutional Law, International Law, Shipping, Conflict of Laws, Mortgages and Suretyship, Procedure II, Evidence.

Second Term.—Constitutional Law, International Law, Practical Statutes, Shipping, Equity II, Procedure II, Evidence.

The foregoing schedule is to be understood as subject to possible 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 Courses of Instruction, p. 101 *et seq.*

In addition to the work given in the regular subjects of the curriculum, special lecture courses will be given by members of the Bench and Bar. Attendance at these courses will be required.

No student shall be allowed to take a class belonging to a year in advance of his own year without special permission from the Faculty.

No student shall be allowed to take classes in other faculties of the University, without special permission from the Faculty of Law.

The Faculty urgently recommends that students devote their whole time during sessions to the work of the School, experience having proved that students who undertake office work in addition to the work of the

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

classes receive comparatively little advantage from the lectures.

Special Course of Lectures.

McGill University, Osgoode Hall Law School and Dalhousie University have agreed to exchange law lecturers every year, and pursuant to this arrangement the Hon. Mr. Justice Surveyer of the Faculty of Law, McGill University, gave in 1934 three lectures on Differences between the Law of Quebec and the law of the Common Law Provinces. In 1935 the visiting lecturer will come from Osgoode Hall Law School.

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.

Examinations in the subjects of the First Term will be held immediately before the Christmas vacation. Examinations in the subjects of the Second Term will be held after the close of lectures in the spring, and will cover the whole work of the session in these subjects.

Supplementary Examinations.

If a student fail to pass in not more than two subjects of his first year, or in not more than three subjects of his second or third year, at the sessional examinations, he may be allowed a supplementary examination in such subject or subjects at the specified time for such examinations. In case of more serious failure he must repeat his year.

Students failing to pass in fifty per cent. of the work of any term will not be allowed to proceed with the work of the following term without special permission of the Faculty.

If a student fail in more than one subject of his year he must pass in at least all but one of them at a subsequent supplementary examination before he can enter upon the studies of the next higher year.

Supplementary examinations in all subjects are held at the beginning of the session, and at the end of each term in the subjects of that term only on the day and hour set for the regular examinations, but at no other times.

Students who wish to present themselves at a supplementary examination must make written application on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the University Office. *The fee must in all cases accompany the application for examination.*

Medals and Prizes.

For Scholarships and Prizes open to all students of the University see pp. 59-62.

University Medal in Law.—This medal will be awarded on graduation to the student standing highest among those taking the full regular third year curriculum, provided he reaches a very high standard of excellence, and obtains First Class Distinction in at least all but three of the subjects of examination.

Carswell Prizes.—Books to the value of \$100, (\$20 for the first year, \$30 for the second year, \$50 for the third year) will be awarded to the students making the highest aggregates in their respective years.

MacDonald Prize.—Books to the value of approximately \$20 will be awarded to the student of the second year, who, in the opinion of the Faculty, has shown the most satisfactory progress during that year and has attained at least second-class standing.

Carswell Essay Prize.—Books to the value of \$15 will be awarded to the student of the first year who submits the best essay on a selected topic.

Fees.

All fees and deposits are payable in advance, and until these are paid the student will neither receive credit for attendance upon any class, nor be admitted to any examination.

For Registration.*

Payable by students taking only one class in the University	\$ 10.00
Payable by students taking more than one class	15.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day	2.00
Additional annual fee charged to those students from outside the British Empire entered in professional or pre-professional courses	150.00

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

For Tuition, Examinations and Diplomas.

For each class attended, when taken singly	\$ 50.00
Payable by those taking the regular prescribed curriculum, each year	225.00
Students departing from the prescribed curriculum will be charged for each class singly; but the maximum charge for three years shall be	750.00
For each Supplementary examination	10.00
For LL. B. diploma (payable before the Third Year or final examinations, and returnable in case of failure)	20.00
Additional fee when a degree is conferred in absentia at the Spring Convocation	5.00

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

A class taken a second time is charged for as if taken for the first time.

See pages 16 and 17 for

Loan Funds.

Caution Deposit.

Fee for support of Student Organizations.

COURSES OF INSTRUCTION.**First Year.****Contracts.**

Lecturer..... S. E. Smith.

Three lectures per week, both terms.

The class includes a study of the general principles of the law of Contract.

Text Books: Wright; Cases on Contracts. Anson; Contracts. Pollock; Contracts. Tule on Contracts. Corbett Jarris.

History of English Law.

Lecturer..... J. W. Godfrey.

Three lectures per week, both terms.

The class includes a study of the development of the English law from the Anglo Saxon period to modern times.

Text Books: Pollock and Maitland; History of English Law. Maitland; Forms of Action. Maitland and Montagu; Sketch of English Legal History. Jenks; Short History of English Law. Holdsworth; History of English Law.

Property I.

Lecturer..... H. E. Read.

Three lectures per week, both terms.

General principles of the law of Personal Property. Possession of lands and chattels. Elementary principles of the law of Real Property.

Text Books: Read; Cases on Personal Chattels. Robinson; Readings on Real Property.

Crimes.

Lecturer..... V. C. MacDonald.

Two lectures per week, both terms.

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

Text Book: Tremear; Canadian Criminal Code, Annotated.

Torts.

Lecturer..... V. C. MacDonald.

Three lectures per week, both terms.

The class includes a study of the general principles of the law of Torts.

Text Books: Christie and MacDonald; Cases on the Law of Torts. Robinson; Torts. Pollock; Torts.

Second Year.**Property II.**

Lecturer.....

Two lectures per week, first term; three lectures per week, second term.

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

Bills and Notes.

Lecturer..... H. E. Read.

One lecture per week, both terms.

The class includes a study of the Bank Act, the Bills of Exchange Act, and of the general principles of the law governing Negotiable Instruments.

Text Books: Russell: Bills. Falconbridge: Banking and Bills of Exchange.

Bankruptcy.

Lecturer..... V. C. MacDonald.

Two lectures per week, second term.

The class is based upon the Bankruptcy Act and recent decisions of the Courts.

Text Book: Bradford and Greenberg: The Bankruptcy Act.

Corporations.

Lecturer.....

Two lectures per week, both terms.

The class includes a general survey of the leading principles of Company Law and also a study of the Dominion and Provincial Acts.

Text Books: Palmer: Company Law. Maitland and Fraser: Company Law.

Equity I.

Lecturer..... S. E. Smith.

Three lectures per week, second term.

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

Text Book: Smith and Read: Cases on Equity.

Sales.

Lecturer..... V. C. MacDonald.

Four lectures per week, first term.

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

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

Insurance.

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

Two lectures per week, first term.

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

Procedure I.

Lecturer..... C. B. Smith.

Two lectures per week, both terms.

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

Text Book: New South Judicature Act and Rules.

Agency and Partnership.

Lecturer..... V. C. MacDonald.

Two lectures per week, both terms.

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

Text Books: Wright: Cases on Agency. Bowstead: Agency. Meekins: Agency. Pollock: Partnership.

Third Year.**Constitutional Law.**

Lecturer..... S. E. Smith.

Two lectures per week, both terms.

The class includes a general study of the principles of Constitutional Law applicable throughout the Empire, and a detailed study of the British North America Act and the principles peculiar to the Canadian Constitution.

Text Books: Clement: Canadian Constitution. LeMay: Short Treatise on Canadian Constitutional Law. Droy: Law of the Constitution.

International Law.

Lecturer.....

Two lectures per week, both terms.

History of the development of International Law. The law governing Nations especially during Peace. Referring to rules of Neutrality and War. International Courts and Arbitration. The League of Nations and International Organization.

Text Books: Stowell and Munro: International Cases. Hudson: Cases on International Law.

Practical Statutes and Rules of Interpretation.

Lecturer..... J. A. Walker.

Two lectures per week, second term.

The class includes a study of the principles of Interpretation, and also a study of some of the more important Provincial Statutes.

Text Book: Maxwell: Statutes.

Shipping.

Lecturers..... C. J. Burchell, F. D. Smith.

One lecture per week, both terms.

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

Text Books: McLachlan: Shipping. Mayson: Admiralty Law and Practice. Mardon: Customs of Sea. Loveland: General Average.

Conflict of Laws.

Lecturer..... H. E. Read.

Four lectures per week, first term.

The class includes a study of the leading principles of Private International Law.

Text Books: Falconbridge: Cases on Conflict of Laws. Title on Conflict of Laws, Corpora Juris.

Mortgages and Suretyship.

Lecturer..... S. E. Smith.

Three lectures per week, first term.

The class includes a study of the law governing Mortgages of Real Estate, and also the law of Suretyship.

Text Books: Fulcherbridge: *Law of Mortgages*. Rowlatt: *Principal and Surety*.

Equity II.

Lecturer..... H. E. Read.

Four lectures per week, second term.

The class includes a study of the law governing Trusts and Trustees.

Text Book: Smith: *Cases on Trusts*.

Procedure II.

Lecturer..... J. E. Rutledge.

Two lectures per week, both terms.

This course is a continuation of Procedure I. Instruction will also be given by special lecturers on Legal Ethics, Divorce Practice and Crown Rules.

Evidence.

Lecturer..... Mr. Justice Carroll.

Two lectures per week, both terms.

The course includes a study of the law of Evidence generally and of the Dominion and Provincial legislation.

Text Books: Wigmore: *Evidence*. Best: *Evidence*. Phillips: *Evidence*. Cockle: *Cases on Evidence*.

Note—The following works are used for the purpose of reference in the classes of the curriculum generally:—*Corpus Juris*, *The Laws of England*.

Special training in briefing and in the solution of research problems is also given.

Faculty of Medicine.

Preliminary Statement.

In accordance with an agreement entered into in 1911 between the Governors of Dalhousie University and the Corporation of the Halifax Medical College, the work of the latter institution was forthwith discontinued, and instruction in all subjects of the medical curriculum was undertaken by the University.

By an arrangement between Dalhousie University and the Provincial Medical Board of Nova Scotia, the final Professional Examinations are conducted conjointly by the University and the Board, and hence candidates may qualify at the same time for the academic degree and the licence of the Board.

Important Notice.

Students who look forward to practising in some other province are reminded that they must conform to the regulations prescribed by the Medical Board or Council of that province. Official information relative to the regulations for licence to practise in the various provinces may be obtained from the Registrars of the Provincial Medical Boards or Councils. Inasmuch as some licensing boards require that applicants for the licence to practise must have been registered as medical students for five years before taking their final professional examinations, students are advised to register with the licensing board of the province or state to which they belong on commencing their medical studies. The names and addresses of the Registrars of the Medical Boards for the Maritime Provinces and Newfoundland are as follows:

Nova Scotia, Dr. H. L. Scammell, Halifax.
New Brunswick, Dr. S. H. McDonald, Saint John.
Prince Edward Island, Dr. H. D. Johnson, Charlottetown.
Newfoundland, Dr. T. M. Mitchell, St. John's.

Privileges.

The General Medical Council of the United Kingdom admits graduates in Medicine of Dalhousie University who have passed the professional examinations conducted jointly by the University and the Provincial

Medical Board, and have been licensed by the Board, to registration in the Colonial List of the British Medical Register. This confers precisely the same privileges as registration on the British List, viz., the right to obtain, without further examination, the licence to practise medicine in nearly every part of the British Empire and also in Italy and Japan.

For information relative to registration in the Colonial List of the British Register application should be made to the Registrar of the Provincial Medical Board of Nova Scotia. Information with regard to Army commissions will be furnished on application to the Militia Headquarters of the nearest Command or District.

Equipment and Facilities for Teaching.

The laboratories of anatomy, histology and embryology are situated in the Forrest Building.

The department of anatomy is well supplied with models, and there is available for the use of the student a good collection of bones.

The laboratory of histology and embryology is spacious and well lighted. It is adequately equipped with models, charts, slides, specimens and optical apparatus for the teaching of these subjects.

In both of these departments there are ample facilities for special work and research.

The laboratories of pathology and bacteriology were designed to provide for teaching and research in these subjects and were made available to the University through the courtesy of the Department of Health of the Province of Nova Scotia. The Pathological Institute, which accommodates these laboratories, provides superior facilities for the practical instruction of students. The laboratories of the Provincial Department of Health are situated in this building.

The laboratories for physiology, biochemistry, pharmacology and pharmacy are located in the Medical Sciences Building. These laboratories, which were carefully designed to meet the requirements of modern teaching, are commodious, well lighted, and very completely equipped. Generous provision has been made for research work, and special attention has been given to the comfort and convenience of the students.

The opportunities for clinical teaching are exceptionally good, owing to the fact that the Victoria General Hospital, the Children's Hospital, the Tuberculosis Hospital, the Grace Maternity Hospital, the Infectious Diseases Hospital and the City Home are all grouped about the Medical College, while the Halifax Infirmary is nearby. The Dalhousie Public Health Clinic was planned to serve as an out-patient department to these various institutions, and the Halifax Visiting Dispensary is housed within this building. This Clinic materially increases the students' opportunities for clinical study of the minor illnesses, and provides facilities for demonstrating the bearings of social and home conditions upon health.

Students are admitted to all the hospitals mentioned upon terms which are unusually favourable for clinical teaching. The Victoria General Hospital, with 250 beds, affords admirable opportunities for the observation and study of the more acute and serious forms of disease, and maintains a very active surgical service. In its special wards, diseases of women and children, skin diseases and diseases of the eye, ear, nose and throat are studied clinically. The X-ray and radium service of the Hospital is well established, and excellent laboratory facilities are provided for the investigation of special clinical problems.

The Children's Hospital (85 beds), the Tuberculosis Hospital (60 beds), the Grace Maternity Hospital (70 beds), and the Infectious Diseases Hospital (40 beds), are all admirably equipped, and the advantages they offer for clinical instruction are made fully available to the University.

Clinical instruction in mental disorders is given at the Nova Scotia Hospital, Dartmouth, which has 500 beds, and which offers to students the privilege of studying any type of disease which may be under treatment in the institution.

Final year students are appointed to rotating internships in all these Institutions.

In addition to the above Hospitals, the Faculty has made arrangements for rotating internships at the New Halifax Infirmary (150 beds), Camp Hill Military Hospital (250 beds), the Nova Scotia Sanatorium (355 beds), Kentville, the Aberdeen Hospital (75 beds),

New Glasgow, St. Martha's Hospital (125 beds), Antigonish, the Prince Edward Island Hospital (110 beds), Charlottetown.

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. 12 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 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, in the judgment of the Senate, that he is unlikely to reach such a standard as would warrant his admission to the practice of medicine. Fees cannot be refunded to students who have been dismissed for any cause.

Affiliated Courses.

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 Medicine may complete a subsequent Medical course in the University in four years. See pp. 28 and 30.

There is a B.Sc. course open to medical students who show outstanding ability, which can be taken along with the regular medical course and completed at the end of the third year in medicine. This course, which is aimed to train the student specially in the technique of laboratory research, requires the completion with high standing of thirteen subjects of the regular B. Sc. course in the two premedical years. These subjects will be those at present required in the two premedical years and, in addition, German 1 and 2, and Philosophy 1.

Academic Year.

Except in the fifth year, the Academic Year consists of one session of eight months' duration. The session of 1934-35 will begin on Tuesday, Sept. 11th,

1934, (except in the fifth year, which begins immediately upon completion of the fourth year), and will end on Tuesday, May 14th, 1935. Registration dates for the classes in the Faculty of Arts and Science preliminary to the Medical curriculum will be found on p. 26.

Degrees.

Two medical degrees are conferred, viz., Doctor of Medicine (M. D.) and Master of Surgery (C. M.); but neither degree is conferred on any person who does not at the same time obtain the other.

Admission and Grading.

All persons who have satisfied the Entrance Requirements (p. 23) in Medicine are eligible for admission but the number of those who will be admitted in any one year is limited and only those having the highest qualifications are accepted. Application must be made on a form to be obtained from the Registrar.

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 Committee on Studies. Students who fail in the spring examinations may come up for supplementary examinations in the autumn under the following conditions:

(a) In the case of students of the first, fourth and final years, supplementary examinations will not be allowed in more than two subjects.

(b) In the case of students of other years, the number of subjects in which supplementary examinations will be allowed will at no time exceed three.

(c) In the case of students of all years, those who fail to pass in all of the subjects of their year at the spring examinations, or to pass at the next ensuing supplementary examination all subjects in which they may have been allowed examination, must repeat attendance on all the courses of the year before again coming up for examination, unless a different course is prescribed by the Committee on Studies. Such students will be on probation until Christmas, and may be required to withdraw if their showing at that time is not satisfactory.

Subject to the University regulations for the admission of students, a Special student may be admitted to

classes in this Faculty, but his attendance is not recognized as qualifying for a degree.

Women are admitted to classes under the same conditions as men.

No person under sixteen years of age is admitted to any class.

Entrance Requirements.

Full details of the requirements for Entrance will be found on pp. 18-24.

*Curriculum.

The course for the degrees of Doctor of Medicine and Master of Surgery extends over five years. Detailed information regarding the classes included in it will be found under "Courses of Instruction," p. 119 *et seq.*

The following division of the Curriculum into years, and the corresponding examinations, will be followed as closely as possible, but some modifications may be found necessary.

First Year. Anatomy 1 and Practical Anatomy 1; Histology; Embryology; Physiology 1; Biochemistry 1; Psychology.

Second Year. Anatomy 2 and Practical Anatomy 2; Structural Neurology; Physiology 2; Biochemistry 2; Pathology 1; Bacteriology; Pharmacology; Practical Materia Medica; Introduction to Clinical Surgery and Clinical Medicine; Practical Medicine.

Third Year. Pathology 2; Laboratory Medicine; Pharmacology; Surgery and Clinical Surgery; Medicine and Clinical Medicine; Obstetrics and Gynaecology; Hygiene; Toxicology; Ophthalmology and Otolaryngology; Paediatrics.

Fourth Year. Surgery and Clinical Surgery; Surgical and Applied Anatomy; Operative Surgery; Medicine and Clinical Medicine; Obstetrics and Clinical Obstetrics; Clinical Gynaecology; Medical Jurisprudence and Toxicology; Therapeutics; Hygiene (Field work); Urology and Dermatology; Ophthalmology and Otology, etc.; Mental Diseases and Psychiatry; Paedia-

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

tries; Medical Ethics; Vaccination; Clinico-Pathological Conferences; Autopsies.

Fifth Year. The fifth year, a full calendar year beginning immediately after the completion of the fourth year, is one of hospital internship. Students are required to attend, as far as hospital duties will permit, the regular clinics at the Victoria General Hospital and the Public Health Clinic.

Regulations for Degrees.

In addition to the Matriculation and pre-medical examinations, candidates for degrees are required to pass five Professional Examinations. The requirements in each subject are covered by the work of the class or classes in that subject specified under "Courses of Instruction" (pp. 119, *et seq.*). In all examinations the marks obtained at sessional tests and at Christmas examinations will be considered in computing the marks allowed in each subject at the spring professional examinations. The examinations in the various subjects will be held within the dates set in the University Almanac, and as posted on the Notice Boards, and are arranged as follows:

First Professional Examination.

One paper in each of the following subjects: Anatomy, Histology, Embryology, (oral and practical examinations during the session in these subjects); Psychology; a practical examination in Anatomy; one paper and an oral examination in each of Physiology and Biochemistry, (practical examinations during the session in these subjects).

Second Professional Examination.

One paper in each of Pathology and Practical Materia Medica; one paper, an oral and a practical examination in each of Anatomy and Structural Neurology; one paper and an oral examination in Physiology, Biochemistry, Bacteriology; practical examinations during the session in Physiology, Biochemistry, Bacteriology and Practical Materia Medica.

Third Professional Examination.

A paper in each of the following: Surgery, Medicine, Obstetrics and Gynaecology, Hygiene; a paper and an oral examination in each of the following: Pathology;

Pharmacology; practical examinations in Pathology and Laboratory Medicine.

Fourth Professional Examination.

One paper in each of the following subjects: Surgery in all its departments and including Surgical Anatomy; Medicine in all its departments and including Therapeutics; Obstetrics and Diseases of Women and New-born Children; Medical Jurisprudence and Toxicology; Mental Diseases and Psychiatry; Paediatrics. The examinations in Surgery, Medicine, and Obstetrics and Gynaecology, are conducted jointly by the University and the Provincial Medical Board of Nova Scotia.

Fifth or Final Professional Examination.

An oral examination in each of the following subjects: Surgery in all departments and including Surgical Anatomy; Medicine in all its departments and including Therapeutics; Obstetrics and Diseases of Women and New-born Children. Also a practical clinical examination in each of Surgery, Medicine, and Obstetrics and Gynaecology. All these are conjoint examinations conducted by the University and the Provincial Medical Board of Nova Scotia.

Pass and Distinction Lists.

The names of candidates successful in the examinations are arranged in the published lists in two divisions, the Pass and Distinction divisions. To pass, a candidate must obtain a minimum mark of 50 per cent. in each subject.

For Distinction 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 for admission to Degree examinations must conform to the following requirements:

1. They must have satisfied the Entrance requirements (p. 23).
2. They must have attended the prescribed classes regularly and punctually. Certificates indicating less

than 90 per cent. of attendance upon any class will not in ordinary circumstances be accepted.

3. They must have prepared such exercises, reports, etc., as may have been prescribed, and, in the case of classes involving laboratory or practical work, they must have completed such work satisfactorily.

4. For admission to the examinations of the second or any higher year they must have passed the examinations of all previous years. [Except as stated on p. 109].

5. Candidates for the Final Professional examination will be required to subscribe to the following declaration with regard to their age:

Halifax, 19

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery do hereby declare that I have attained the age of twenty-one years (or, if the case be otherwise, that I shall have attained the age of twenty-one before the next graduation day).

(Signed)

They must also present satisfactory certificates of having fulfilled the following requirements:—

- i. Attendance (a) during at least two periods of eight months each on the practice of the Victoria General or other acceptable Hospital; (b) during at least one period of eight months on the practice of the Dalhousie Public Health Clinic; (c) on at least 20 maternity cases and, in addition, the delivery under supervision of 5 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; (d) on the post-mortem examinations conducted at the Victoria General Hospital over a period of at least six months, during which instruction shall have been received in the methods of making such examination and in framing reports.
- ii. During the fourth year must have submitted complete histories in ten medical and ten surgical cases.
- iii. Service for twelve months on rotating internship at hospitals approved by the Faculty of Medicine.
- iv. Received instruction and attained proficiency in (a) administration of anaesthetics; (b) practice of vaccination.
- v. Submission of satisfactory reports on investi-

gations of domiciliary and occupational conditions in relation to the illnesses of an assigned number of patients of the Public Health Clinic.

vi. Attendance on a course of lectures on the relationship of dental conditions to medical practice and on an assigned number of clinics in dentistry.

Supplementary Examinations.

The conditions under which supplementary examinations are allowed are set forth under "Admission and Grading" (p. 109).

Supplementary examinations are held in the autumn on the dates specified in the University Almanac, and during the regular Professional examinations in the spring, but at no other times.

Application for admission to a Supplementary examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the University Office, and must be accompanied by the proper fee (p. 117).

Exemptions.

Candidates may be exempted from attendance on one or more subjects of the first three years of the medical curriculum on presenting certificates,

- of having satisfied the requirements for admission to the Faculty of Medicine (see page 23); and
- of having attended and performed at any medical school or college recognized by the Senate 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 medical school or college recognized by the Senate for the purpose, but every such candidate must take all the examinations of the year to which he is admitted.

Sponsio Academica.

Before admission to his degree, a candidate shall be required to sign the following oath or affirmation:—

In facultate Medicinæ Universitatis Dalhousianæ.

Ego, Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutator, spondeo—me in omni grati animi officio erga Universitatem Dalhousianam ad extremum vitæ halitum perseveraturum, tum potro Artem Medicam castè, castè, probeque exercitaturam et, quod petere, omnia ad aegrotorum corporum salutem confidenter, eam fide procuraturam, quæ denique inter medendum visa vel audita siliere conveniat, non sine gravi causa vulgatarum. Ita presens mihi spondenti adit Numen.

Medals and Prizes.

For Scholarships and Prizes open to all students of the University see pp. 59-60.

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. William Inglis Morse Prize. (**For 1934-35**).—A prize donated by Dr. William Inglis Morse of Cambridge, Mass., of \$250.00 will be given to a worthy student in any year of the Medical Course who needs financial assistance.

The Dr. E. V. Hogan Prize.—This prize, of \$25, contributed by Mrs. Elizabeth C. Hogan, as a memorial to her husband, the late Dr. E. V. Hogan, Professor of Surgery and of Clinical Surgery from 1912 to 1933, and Head of the Department from 1922 to 1932, to be awarded to the student who reaches the highest standing in Clinical Surgery at the end of his fifth year.

The Dr. A. F. Miller Prize.—A prize of \$50, presented by Dr. A. F. Miller of Kentville, to the final year student who stands highest in his knowledge of Tuberculosis. Special examinations will be set for this prize.

The Canadian Medical Institute Prize.—A prize of \$25.00 to the final year student writing the best essay on "Advantages to be derived from an Annual Periodic Health Examination." This prize is donated by the Canadian Medical Institute of Toronto.

Anonymous Prize.—A prize of \$100, from an anonymous donor, will be awarded at the end of the session 1934-35, 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 and fifth year students. The course of study and examinations are to be set by

the Anatomy Department. If the award is made to a fourth year student, it will be conditional on his remaining 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 1934-35, the offer may be renewed in a subsequent session.

Applications are to be lodged with the Anatomy Department at the commencement of the session.

The Dr. Clara Olding Prize.—This prize, of the value of \$40, 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 \$25, 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 Dr. W. H. Hattie Prize in Medicine.—This prize of \$25, initiated anonymously by the late Dr. Hattie, and to be perpetuated in his memory, will be awarded at the completion of the fourth year to the student who reaches the highest standard in Medicine and Therapeutics.

The Andrew James Cowie, M. D., Memorial Medal.—This medal, founded by Miss Florence J. Cowie in memory of her father, will be awarded each year to the member of the fourth year class having the highest standing in Obstetrics, provided his standing in other subjects is sufficiently high to justify an award.

The Ross Stewart Smith Prize.—This prize, of the value of \$75, contributed by Mrs. Eliza Cochran Smith in furtherance of the wishes of herself and her late husband, Dr. James Ross Smith, as a memorial to their late son, Ross Stewart Smith, will be awarded at the completion of the third year to the student who has carried on the most creditable advanced work in one or more of the preclinical subjects.

*The Professor John Cameron Prize
in Anatomy.*

Anonymous Prize.—A cash prize of \$25, from an anonymous donor, will be awarded at the end of the current session, 1934-35, to the student of the second year Medical Anatomy class who has gained the highest distinction in that class, the attainments of the student in Practical Anatomy to be chiefly considered; the Department of Anatomy having the right to set special tests before it recommends any student for the award.

The Dr. Cameron Prize.—This prize, endowed by Dr. John Cameron, former Professor of Anatomy, will be awarded to the student of the first year who makes the highest marks in Anatomy.

The Professor R. J. Bean Prize.—Awarded to the student who makes the highest aggregate in the first professional examinations in Histology and Embryology.

Fees.

All fees and deposits are payable in advance, and until these are paid the student will not receive credit for attendance upon any class nor will he be admitted to any examination.

*For Registration.

Payable by students taking only one class in the University	\$10.00
Payable by students taking more than one class	15.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day	2.00
Additional annual fee charged to those students from outside the British Empire entered in professional or pre-professional courses	150.00

For Tuition.

For each class (other than Practical Anatomy) attended, when taken singly	50.00
Practical Anatomy	55.00
Payable by those taking the regular prescribed curriculum, each year	275.00

This includes tuition, hospitals, clinics, laboratory work and the regular sessional examinations; but does not include registration, caution and laboratory deposits and the fee for the support of student organizations.

No reduction will be made in the tuition fees payable by a student repeating the regular courses of any one year of the curriculum.

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

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

Microscopes.

Each student on registering for the first time in the Faculty of Medicine must provide himself with a microscope of a design approved by the Faculty and equipped with the following accessories:—5X and 10X oculars, 16 mm., 4 mm., and 1.8 mm. oil immersion objectives. Such an instrument is not only a necessity to the medical student but is an essential part of the equipment of a practitioner in Medicine. The cost in Canada under prevailing rates of exchange will be from \$99 upwards. A microscope may be purchased from the University either for cash at cost or on an instalment plan spread over two or three years. The payments are fixed as follows: \$48 the first year, \$36 the second year, and the balance the third year. These payments will be treated in the same manner as tuition and other fees and will be payable at the same time. A student electing to pay in either two or three instalments is required to furnish a Bond signed by himself and an acceptable surety to secure the University against loss. Until the payment is fully completed, microscopes must be turned in to the custody of Professor R. J. Bean at the end of each session, on the date notified. Upon completion of the payments the microscope will become the property of the student.

For Examinations.

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

Supplementary examinations, each subject..... \$ 10.00

For Certificates and Diplomas.

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

Certificate under the University seal..... 1.00

For M. D., C. M. Diploma (payable before the final examination 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..... 5.00

See pages 16 and 17 for

Loan Funds.**Caution Deposit.****Laboratory Deposits.****Fee for Support of Student Organizations.****COURSES OF INSTRUCTION****I. Anatomy.**

Professor..... Donald Mainland.
Demonstrators..... Clyde W. Holland, J. V. Graham, J. Arnold Noble.

The course extends over the first two years and consists of the study of the naked-eye Anatomy of the whole human body by dissection, supplemented by diagrams, X-rays and the examination of surface structures. Special emphasis is laid on the function of structures in the living body, and all information is selected with a view to its clinical value. An important part is occupied by training in observation, accurate description and the correct evaluation of data, so that the teaching may be of value to all students, whatever their future work may be. The lectures (Anatomy 1 and 2), including those on Osteology, are closely correlated with the practical work. Mimeographed notes are issued to obviate note-taking.

Encouragement is given to senior students and graduates to return for revision and research.

The regular courses are—

First Year.—Lower Limb, Abdomen and Thorax, with an introduction to the gross Anatomy of the Brain and Spinal Cord.

Lect.: Two hours per week. *Practical Anatomy*: Nine hours per week.

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

Lect.: Three hours per week. *Practical Anatomy*: Seven hours per week (Four hours after Christmas).

Anatomy IA.—This course qualifies for an Arts or Science degree, but not for medical degrees. It is a practical course on measurement and statistical method applied to morphological and especially histological problems. Part of the work is original investigation under the direction of the professor of Anatomy.

Dental students have a slightly shorter course. They are not expected to learn details of the Limbs. They are afforded special opportunities of work on parts important to them.

Text Books: Required:—Cunningham's *Manual of Practical Anatomy*. Recommended:—Sutton's *Companion to Manuals of Practical Anatomy*. Wood-Jones: *Principles of Anatomy as seen in the Ward*. For third and later years: McGregor: *Synopsis of Surgical Anatomy*. *Travers: Surgical Applied Anatomy*.

For references (in Library):—Cunningham's *Gray's and Moore's Textbooks*.

Histology and Embryology.

Professor..... Raymond J. Bean.
Instructor..... Elizabeth S. Bean.

Histology.—This course consists essentially of laboratory work and is intended to meet the requirements of medical students of the first year. It deals with the minute structure of the tissues and organs of the human body, their development and primary functions.

Text Books: Schaller: *Essentials of Histology*. Pierce: *Normal Histology*.

Embryology.—This course is intended primarily for medical

students of the first year. It consists essentially of laboratory work supplemented by one didactic lecture per week. The problems of fertilization, segmentation, the development of the embryo and its protective membranes, are worked out in the laboratory by dissections and intensive study of slides. The materials used include the frog, chick, rabbit, pig and human.

A close relationship is maintained between Embryology and Histology, and the laboratory work in Embryology will occasionally be extended so as to include a portion of the time allotted to the course in Histology.

Text Book: Arny: *Developmental Anatomy*.

Structural Neurology.

Professors..... R. J. Beas, Donald Mainland.

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.

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

II. Physiology.

Professor..... E. W. H. Cruickshank.

Assistant..... Ian Macdonald.
Demonstrator in Applied Physiology.....

1. A course of lectures and laboratory work during the first year on the physiology of muscle and nerve and an elementary course in human physiology, including the physiology of the heart and circulation, respiration, digestion, kidney function and central nervous system.

1A. This course consists of the lectures of Physiology 1 with special laboratory work and is designed for students in the Faculty of Arts and Science.

2. A senior course of lectures and laboratory work in the second year covering the physiology of the heart and circulation, respiration, digestion and metabolism, kidney and liver function, vitamins, ductless glands, central nervous system and special senses.

3. The Department shares in the course in Laboratory Medicine described on page 122.

Text Books: Starling: *Essentials of Physiology*. MacLeod: *Physiology and Biochemistry in Modern Medicine*. Fraser, Harrison, MacLeod and Oint: *Laboratory Manual of Physiology*. Scholze: *Experimental Physiology*.

III. Biochemistry.

Professor..... E. Gordon Young.
Demonstrator..... W. A. Crandall.

1. A course of lectures, conferences and laboratory work given to students of the first year, inclusive of the chemistry of the carbohydrates, fats, proteins and related substances, and their physico-chemical relationships in living matter.

1A. This course consists of the lectures of Biochemistry 1 with special laboratory work and is designed for students in the Faculty of Arts and Science.

2. A course of lectures and laboratory work given to students of the second year in the biochemistry of nutrition, digestion, metabolism and excretion in physiological and pathological aspects.

3. The Department shares in the course in Laboratory Medicine described on page 122.

Text Book: Hawk and Bennett: *Practical Physiological Chemistry*. Reference Books: Mathews: *Physiological Chemistry*. Wells: *Chemical Pathology*. Crocker: *Outlines of Biochemistry*. MacLeod: *Physiology and Biochemistry in Modern Medicine*. Bodanick: *Physiological Chemistry*.

IV. Psychology.

Assistant Professor..... F. H. Page.

A course of about twenty lectures is given in the first year in which the facts and principles of General Psychology are dealt with briefly.

Text Book: To be announced.

V. Pathology, Bacteriology and Parasitology.

Professor..... Ralph P. Smith.
Assistant Professor..... Robert A. H. MacKee.
Demonstrator in Pathology and Bacteriology..... Clyde W. Holland.
Demonstrator in Pathology..... Norman H. Gosse.

Pathology.

1. A course of elementary lectures, two hours a week, on the general principles of Pathology, is given in the second term of the second year. One lecture is followed by a laboratory period.

2. A course of lectures, four hours per week, is given in the third year, in which general principles of Pathology are applied to diseases of the several anatomical systems. The laboratory work is designed to be complementary to the lectures.

A short course on pathological conditions of the mouth is given to students of Dentistry only.

3. Demonstrations are given frequently of fresh and preserved specimens illustrating marked conditions of the several organs.

Students of the third and fourth years are required to assist at autopsies and to prepare and report upon specimens.

4. Conferences of clinicians and pathologists are held on Wednesday afternoons from 4.30 to 6 p. m., at which advanced students attend and are expected to take part in the discussions.

Bacteriology.

1. 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 Immunology and Parasitology.

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

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

Text Books: Pathology: Kossner, Boyd, McCallum, or Blair. Bacteriology: Muir and Ritchie, or Jordan. Practical Bacteriology: Mackie and McCartney. Parasitology: Chandler. Clinical Diagnosis: Trost and Sanford, or Nicholson.

VI. Laboratory Medicine.

A course of lectures and laboratory work, given in the second term of the third year conjointly by the Departments of Physiology, Biochemistry and Pathology. Instruction is given in the examination of sputum, stomach contents, faeces, blood, urine, exudates and transudates, in the investigation of kidney and liver function, in certain aspects of neuro-physiology, and in the use of the electrocardiograph.

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

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

VII. Pharmacology.

Professor..... N. R. Dreyer.
Lecturer in *Materia Medica*..... G. A. Burbidge.
Demonstrator.....

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

Text Books: Cutler: *Pharmacology & Therapeutics*; or, Solzmann: *Manual of Pharmacology*.

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

Text Books: English: *Prescriptive Writing*, American Medical Association; *Useful Drugs*, Hale White; *Materia Medica*.

VIII. Surgery.

Professors..... H. K. MacDonald (Head of Dept.),
J. G. MacDougall, G. H. Murphy.
Assistant Professor..... W. Alan Curry.
Lecturers..... C. E. Kinley, V. O. Mader, N. H. Gosse.

An introduction to Surgery, consisting of a short course of clinical lectures, is given in the second year.

1. A course of lectures, two hours per 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.

2. A course of lectures, one hour per week, on Regional Surgery, is given during the fourth year.

Text Books: Ross and Colwell; Thomson and Miles.

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.

IX. Clinical Surgery.

Professors..... H. K. MacDonald (Head of Dept.),
J. G. MacDougall, G. H. Murphy.

Assistant Professor..... W. Alan Curry.
Lecturers..... C. E. Kinley, V. O. Mader, N. H. Gosse.
Demonstrators..... J. F. Lense, W. L. Muir, P. Weatherbe,
D. J. Macdonald, T. B. Acker, H. D.
O'Brien, J. C. Acker, A. L. Murphy.

Clinical Surgery.—In the third year classes in Clinical Surgery are held three times weekly.

In addition to lectures on cases at the Hospitals and Public Health Clinic, students of the fourth and fifth years are individually trained at the bedside in diagnosis and treatment. Students of the fourth year receive clinical lectures four days a week.

Fifth year students must attend clinical lectures when possible.

Practical Surgery.—The application of bandages, splints and other surgical appliances, the use of instruments and the treatment of emergencies and cases of minor surgery, are taught in the third year. A course of instruction in the administration of Anesthetics is also given.

X. Medicine.

Professor..... K. A. MacKenzie (Head of Dept.).
Assistant Professor..... J. R. Corston.
Lecturers..... S. R. Johnston, T. M. Sieniwicki,
J. L. Churchill, G. R. Burns, C. W.
Holland, A. F. Miller.

1. A course of lectures and recitations two hours per week, dealing with diseases of the digestive, circulatory and respiratory systems is given in the third year.

2. A course of lectures and recitations, two hours per week dealing with infectious and constitutional diseases, the blood, ductless glands, diabetes, and diseases affecting the kidneys and the nervous system, is given in the fourth year.

Text Books: Osler and Macrae: *Principles and Practice of Medicine*, F. J. Cornbleat: *A Textbook of Medicine*, Stevens: *Practice of Medicine*, Cecil: *Text Book of Medicine*, Price: *Practice of Medicine*, Reference Books: Osler: *Materia Medica*, Tice: *Practice of Medicine*, Cowan and Hitchcock: *Diseases of the Heart*, Campbell Thompson: *Diseases of the Nervous System*, Church and E. Putnam: *Nervous and Mental Diseases*, Coulson: *Diseases of the Digestive System*, Oxford Monographs, Sir Thomas Lewis: *Diseases of the Heart*.

XI. Clinical Medicine.

Professor..... K. A. MacKenzie (Head of Dept.).
Assistant Professors..... M. J. Carney, J. R. Corston.
Lecturers..... S. R. Johnston, T. M. Sieniwicki,
G. R. Burns, C. W. Holland.
Demonstrators..... R. A. H. MacKeen, J. Rankine,
J. W. Merritt, J. W. Reid,
J. W. MacIntosh, Ian Macdonald.

Clinical Medicine.—A short course introductory to Clinical Medicine is given to second year students.

Clinical lectures and instruction are given to the students of the fourth year at the Hospitals and the Public Health Clinic at least four days a week throughout the session. Students are called upon in rotation to examine cases. Fifth year students must attend clinical lectures when possible.

Students are required to spend twelve months' internship, before graduation, in a hospital approved by the Faculty.

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

Text Books: Hutchinson and Hainzay: *Clinical Methods*. Emerson: *Physical Diagnosis*. Cabot: *Differential Diagnosis*. Norris and Landis: *Diseases of the Chest and Principles of Physical Diagnosis*. Seifert and Mandler: *Manual of Physical and Clinical Diagnosis*. Parry Stewart: *Diagnosis of Diseases of the Nervous System*. Bourne: *Medical History and Case Taking*.

XII. Obstetrics and Gynaecology.

Professor of Obstetrics and Gynaecology. H. B. Atlee (Head of Dept.)
Professor of Obstetrics E. K. Maclellan,
Demonstrators of Practical Obstetrics. F. A. Macdonald (Chief of Clinic), E. K. Maclellan, H. B. Atlee, W. G. Colwell.

Obstetrics.—A course of lectures, two hours per week, is given in the third year. Advanced instruction is given to groups of students in the fourth year.

In the fourth year instruction is given in prenatal care at the Public Health Clinic and the Grace Maternity Hospital, and students attend in rotation at the Grace Maternity Hospital for clinical instruction in Obstetrics. Students who have acquired proficiency are attached, in rotation, to the "obstetrical unit" for attendance on obstetrical patients at their homes.

Gynaecology.—A course of didactic lectures, two hours per week, is given in the third year.

In the second term of the third year, and throughout the fourth year, the class attends clinical lectures twice weekly at the Victoria General Hospital. Clinical instruction is given to groups, in the fourth year, at the bedside in the hospital, and at the Public Health Clinic.

Text Books: Obstetrics: Eden: *Manual of Midwifery*. Williams: *Obstetrics*. Gynaecology: Eden and Lockyer: *Gynaecology for Students and Practitioners*. Anstee: *Gynaecology*. Young: *Textbook of Gynaecology*.

XIII. Medical Jurisprudence and Toxicology.

Lecturers Frank V. Woodbury, N. B. Dreyer.

A short course of lectures, in the fourth year, is devoted to the consideration of the more common medico-legal problems, and the class attends (in groups) at autopsies in medico-legal cases. Instruction in Toxicology is given by the Professor of Pharmacology during the third year.

Text Book: Glazier: *Text Book of Medical Jurisprudence and Toxicology*

XIV. Therapeutics.

Clinical Therapeutics is taken up in the regular courses in Medicine. This work is supplemented by a series of lectures by special lecturers on electro-therapy, hydro-therapy, climatology, radiology, massage and clinical dietetics, given in the fourth year.

Text Books: Radolf: *Medical Treatment of Disease*. Hare: *Practical Therapeutics*. Cleveland: *Modern Methods of Treatment*. David Campbell: *Handbook of Therapeutics*.

XV. Hygiene and Public Health.

Professor..... H. G. Grant.
Professor of Epidemiology..... A. L. McLeon.
Lecturer..... W. D. Forrest.
Statistical Assistant..... Bettie C. Freeman.
Assistant..... Marjerie E. Treury.

The course in Hygiene consists of a series of lectures in the third year and field work in the fourth year. The lectures cover environmental sanitation, communicable diseases, infant and maternal welfare, industrial and school hygiene, food, the principles of vital statistics, and epidemiology. In addition, each student is required to work out a few problems in Epidemiology and Statistics. The field work consists in the investigation of housing conditions, public water supplies, milk supplies, restaurants, and other food handling establishments. During the summer months between the third and fourth year each student is required to make a health survey of the community in which he resides.

Text Books: Hays and Kenwood: *Hygiene and Public Health*. Carr: *Textbook of Hygiene*. Hoesens: *Preventive Medicine and Hygiene*. Fitzgerald: *Practice of Preventive Medicine*.

XVI. Urology and Dermatology.

Professor..... Frank G. Mack.
Demonstrators..... K. F. J. Hayes, G. A. Winfield.

In the fourth year, about fifteen clinical lectures and demonstrations are given in Urology and an equal number in Dermatology and Syphilology. For these the class attends at the Victoria General Hospital. The class is divided into groups for clinical instruction in these subjects at the Public Health Clinic.

Text Books: Ebersvath and Holsick: *Urology*. MacKenzie: *Diseases of the Skin*, 3rd. Ed. Andrews: *Diseases of the Skin*. Moser: *Modern Clinical Syphilology*.

XVII. Eye, Ear, Nose and Throat Diseases.

Professor..... R. Evatt Mathers.
Assistant Professors..... A. R. Cunningham, A. E. Doull.
Demonstrators: H. W. Kirkpatrick, H. W. Schwartz, A. E. Doull, Jr.

Instruction in the examination of patients begins in the third year. Lectures, mostly clinical, are given in the fourth year each week throughout the session. Clinical instruction is given to groups of students at the Victoria General Hospital and the Public Health Clinic.

Text Books: May: *Diseases of the Eye*. Levine: *Diseases of the Ear*. Turner: *Diseases of the Nose, Throat and Ear*. Malcolm Hepburn: *The Ophthalmology of General Practice*.

XVIII. Mental Diseases and Psychiatry.

Professor.....
Demonstrators..... F. E. Lawlor, A. R. Morton, R. W. H. MacKay.

A course of didactic lectures dealing with the principal forms of Mental Disease is given in the fourth year. A Neuro-Psychia-

tric clinic is held weekly at the Public Health Clinic. Clinical instruction is given to groups of students at the Nova Scotia Hospital.

Text Book: Cole: *Mental Diseases*. Alternatives: Steadart: *Mind and its Disorders*. Craig: *Psychological Medicine*.

XIX. Paediatrics.

Professor..... M. J. Carney,
Assistant Professor..... G. B. Wiswell,
Demonstrators... J. G. D. Campbell, F. A. Minshull, N. Barrie Coward.

Lectures begin in the third year and are continued throughout the fourth.

A course of weekly lectures is given in the fourth year. In addition, clinical instruction in diseases of children is given by members of the staffs of the Victoria General Hospital, the Children's Hospital and the Public Health Clinic.

Text Books: Chapin and Boyner: *Diseases of Infants and Children*. Alternatives: Hill: *Common Disorders and Diseases of Children*. Holt: *Diseases of Infancy and Childhood*. Brown & Telford: *Common procedures in the Practice of Paediatrics*.

Faculty of Dentistry.

Preliminary Statement.

An agreement was consummated in 1911 between the Board of Governors of Dalhousie University and the Provincial Dental Board of Nova Scotia, whereby the Maritime Dental College was merged into the Faculty of Dentistry of the University.

The instruction in the purely scientific subjects and in the professional subjects common to Dentistry and Medicine is taken by Dental students in common with the students of the Faculties of Arts and Science and of Medicine. Instruction in the Dental subjects is given in the Dental Apartments, in the south wing of the Forrest Building; these include the Infirmary and the Dental Laboratories. Abundant dental infirmary practice is available, and all operations are supervised by practitioners in active dental practice with many years' experience in teaching. The Victoria General Hospital is near by, and affords an ample surgical clinic. The Public Health Centre contains a group of medical, surgical and dental clinics and laboratories, all in close proximity. In it are carried on adult, school and pre-school-age dental clinics, under the supervision of experienced practitioners, and excellent opportunities are thereby afforded for the study of Preventive Dentistry, Exodontia, Anaesthesia, Diagnosis, etc. The clinics are available to medical as well as dental students, thus promoting the closer association of the two professions. Lectures to combined classes of medical and dental students and nurses are delivered by members of the Dental Faculty. The laboratory of Pathology and Bacteriology which has been erected and equipped by the Hospital Commission in connection with the Victoria General Hospital affords superior facilities for both elementary and advanced study of these subjects. A section of the International Association for Dental Research has been organized by members of the Faculty with which students are encouraged to cooperate.

Important Notice.

Students are reminded that the Dental degree does not necessarily qualify for admission to practise in any province, each province having its own regulations for admission, to which a candidate must conform. Particulars regarding these regulations in each of the Maritime Provinces and in Newfoundland may be obtained from the respective Registrars.

Dominion Dental Council.

The Dominion Dental Council of Canada is a central organization under the control of the dental profession of Canada. Its object is to erect and maintain a standard of education and ethics for the dental profession, and to conduct professional examinations and issue Certificates of Qualification which will be accepted without further examination by the provinces.* These certificates are now accepted in all the provinces except Quebec and British Columbia.

Dental students who comply with the Council's Matriculation or Preliminary education requirements and term of studentship, and who graduate from an accepted Canadian dental college, and pass the examination of the Council, may be registered in any province in Canada without further examination (British Columbia and Quebec excepted). This privilege is enjoyed by the graduates in Dentistry of this University, as its Matriculation regulations meet the requirements of the Council, and the Faculty of Dentistry is on the accepted list of Canadian Colleges. Graduates are also eligible for admission to the licensing examination in Newfoundland, all the provinces of Canada, and many States, including New York, Massachusetts, Rhode Island and Maryland.

Dental Students and graduates are eligible for the examinations of the National Board of Dental Examiners of the United States.

Graduates are exempted from Part I and admitted to Part II of Examinations of the Royal College of Surgeons, London, England, on completion of six months' hospital experience in that country.

*For information address Dr. W. D. Cowan, Secretary of the Dominion Dental Council, Regina, Sask.

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. 12 *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 pp. 28 and 30.

Academic Year.

The Academic Year consists of one session of eight months' duration. The session of 1934-35 will begin on Tuesday, September 11th, 1934, and end on Tuesday, May 14th, 1935.

No students will be admitted after noon of Saturday, September 15th.

Degree.

The only 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.

Women are admitted to classes under the same conditions as men.

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. 19 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 1, Dental and Comparative Dental Anatomy, Drawing and Modelling, Metalcraft, Embryology, Histology, Physiology 1, Preventive Dentistry.

Second Year.

Anatomy 2 and Practical Anatomy, Bacteriology 1, Exodontia, Materia Medica, Metallurgy, Operative Dentistry, Pathology 1, Preventive Dentistry, Prosthetic Dentistry.

Third Year.

Crown and Bridge Work, Dental Infirmary, Dental Pathology and Therapeutics, Hospital, Operative Dentistry, Orthodontia, Pathology 2, Preventive Dentistry, Prosthetic Dentistry, Radiology, Surgery 1.

Fourth Year.

Crown and Bridge Work and Ceramics, Dental Infirmary, History, Jurisprudence, Ethics and Economics, Hospital, Operative Dentistry, Oral Surgery, Anaesthetics and Physical Diagnosis, Orthodontia, Preventive Dentistry, Prosthetic Dentistry.

Regulations for Degrees.

In addition to the Matriculation or Preliminary examination, candidates for degrees are required to pass four Professional examinations, one at the end of each year of the course, on the dates set in the University Almanac. The examinations are arranged as follows:

First Professional Examination.

One paper in each of the following subjects: Dental and Comparative Dental Anatomy, Drawing and Modelling and Metalcraft, Embryology, Preventive Dentistry; one paper and a practical examination in

Histology; one paper and an oral and a practical examination in Anatomy, Biochemistry 1 and Physiology 1.

Second Professional Examination.

One paper in each of the following: Exodontia, Materia Medica, Metallurgy, Operative Dentistry, Pathology, Preventive Dentistry, Prosthetic Dentistry; one paper and an oral examination in Anatomy and Bacteriology; a practical examination in Anatomy.

Third Professional Examination.

One paper in each of the following: Crown and Bridge Work, Dental Pathology and Therapeutics, Operative Dentistry, Orthodontia, Preventive Dentistry, Prosthetic Dentistry, Radiology, Surgery; one paper and an oral and a practical examination in Pathology; a practical examination in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry, and Orthodontia.

Fourth or Final Professional Examination.

One paper in History, Jurisprudence, Ethics and Economics, Preventive Dentistry; one paper and an oral examination in each of the following: Crown and Bridge Work and Ceramics, Operative Dentistry, Oral Surgery, Anaesthetics and Physical Diagnosis, Orthodontia, Prosthetic Dentistry; a practical examination in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry, and Orthodontia.

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:

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

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 Orthodontia, in the second, third and fourth years must be fulfilled before the theoretical examinations are written.

3. Candidates for the Final Professional examination will be required to subscribe to the following declaration with regard to their age:

Halifax, N. S. 193

I, the undersigned, being desirous of obtaining the Degree of Doctor of Dental Surgery, do hereby declare that I have attained the age of twenty-one years (or, if the case be otherwise, that I shall have attained the age of twenty-one years before the next graduation day).

(Signed) _____

Supplementary Examinations.

A candidate who has failed to pass in not more than two subjects of the Professional examination of any year shall be entitled to supplementary examinations in such subjects, provided he is qualified in attendance and class work for admission to examination.

A candidate who has failed to pass in more than two subjects of any Professional examination shall be required to repeat his attendance and class work in all the subjects of the year.

Supplementary examinations are held on the dates specified in the University Almanac in September and during the regular Professional examinations in the spring, but at no other times.

Application for admission to a supplementary examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the University Office, and must be accompanied by the proper fee. (See p. 134).

Exemptions.

Candidates may be exempted from examination in one or more subjects of the first three Professional ex-

aminations 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. 59-62.

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 and E. A. Bell 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, are offered by Mr. Charles Bell; similar prizes in the case of the Second Professional examination, are offered by Mr. E. A. Bell.

Fees.

All fees and deposits are payable in advance, and until these are paid the student will not receive credit for attendance upon any class nor be admitted to any examination.

For Registration.*

Payable by students taking only one class in the University	\$ 10.00
Payable by students taking more than one class	15.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day	2.00
Additional annual fee charged to those students from outside the British Empire entered in professional or pre-professional course	\$150.00

For Tuition.

Payable by those taking the regular prescribed curriculum, each year	\$250.00
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This includes tuition, hospitals, laboratories and the regular sessional examinations; but does not include registration, caution and laboratory deposits and the fees for the support of student organizations.

No reduction will be made in tuition fees payable by a student repeating the regular classes of any one year of the curriculum.

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

For Examinations.

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

Supplementary examination, each subject	\$10.00
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*Students who register only for the purpose of taking examinations are exempt from the payment of this fee.

For Certificates and Diplomas.

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

Certificate under the University seal	\$ 1.00
For D.D.S. Diploma (payable before the final examination and returnable in case of failure)	20.00
Diploma, payable by those attending less than 3 years	30.00
Additional fee when a degree is conferred in absentia at the Spring Convocation	5.00

See pages 16 and 17 for

Loan Funds.

Caution Deposit.

Laboratory Deposit.

Fee for support of Student Organizations.

COURSES OF INSTRUCTION.

For the details of Classes in—

**Anatomy, and Histology and Embryology,
Physiology,
Biochemistry,
Pathology and Bacteriology,
Surgery.**

See p. 118 of seq.

Drawing and Modelling and Metalcraft.

Lecturer.....Margaret Brodie.

Drawing and Modelling.—A course, sufficiently comprehensive to form a suitable introduction to several succeeding dental subjects in which artistic principles play an important part, will be given during the first year.

Metalcraft.—This course, given in the first year, will prepare the student for exercises in dental technology and be a valuable introduction to the practice of Operative, Prosthetic and Preventive Dentistry as well as Orthodontia.

Dental Anatomy and Comparative Dental Anatomy.

Professor.....S. G. Ritchie.

Dental Anatomy.—This course includes a study of the contents of the buccal cavity from a dental standpoint. A practical course in tooth carving and dissection of the natural teeth will be carried on in the laboratory.

Reference Book: Black.

Comparative Dental Anatomy.—The lectures and demonstrations in this course are designed to be a study in the classification of dental types and theories of evolution of the dental organs from simple to complex forms.

Reference Book: Tenison.

Hygiene, Preventive and Clinical Dentistry.

Professor.....G. K. Thomson.

*Demonstrator in Pre-School-Age
Public Health Clinic*.....A. Borden Haverstock.

This course consists of a series of lectures and demonstrations, part of which is given in each of the four years. Special demonstrations and lectures to combined groups of medical and dental students will be given in the Pre-School-Age and Adult dental clinics in the Health Centre. Lectures and demonstrations in Periodontology will be given in Preventive as well as in Operative Dentistry.

Text Book: A. C. Fozes: *Preventive Dentistry*.

Reference Books: A. C. Fozes: *Mouth Hygiene*, Sullivan & McCull: *Clinical Periodontology*, Scott and Miller: *The Practice of Periodontia*, Pickard: *Prevention of Dental Caries*.

Operative Dentistry.

Professor.....W. H. H. Beckwith.
Lecturer.....G. A. Chadleigh.

The instruction in this subject begins in the second year. Students in the last two years will be engaged in Infirmary practice daily under the supervision of experienced demonstrators. The work of the final year is designed to instruct the student in the details of Operative practice.

Text Book: G. V. Black: *Operative Dentistry*.

Reference Books: Ward, Marshall, Johnson, Evangelista Jordan.

Dental Pathology and Therapeutics.

Lecturer.....A. Borden Haverstock.

The lectures will be given in the third year, with practical demonstrations in the Infirmary throughout the last two years. Special reference will be made to the pathology of Pyorrhea Alveolaris.

Reference Books: Engelmann & Wagner, Herchard & Inglis, Orton, Bunting.

Materia Medica.

Lecturer.....K. F. Woodbury.

This course consists of about twenty-five lectures given in the second year. The student is expected to become familiar with prescription writing and the properties, uses and therapeutic effects of the drugs used in dentistry.

Text Book: Buckley, *Prize*.

Orthodontia.

Professor.....W. W. Woodbury.

This subject will be presented in a course of lectures and clinical demonstrations during the last two years.

Text Book: McCoy.

Reference Books: Dewey, Patten (as in Johnson's *Operative Dentistry*), Lischer.

Oral Surgery, Anaesthetics and Physical Diagnosis.

Professor.....F. V. Woodbury.

Surgery.—A course on Oral Surgery, to be given during the final year, embracing operations which the dental surgeon should be able to perform.

Text Book: Blair.

Reference Books: McCurdy, Thomson & Miles, Ivy.

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

Text Book: Buxton.

Reference Books: Lake, Struthers.

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

Exodontia and Radiology.

Professor.....G. R. Hennigar.
Demonstrators in the Adult Public Health Clinic.....S. K. Odfield,
 John W. Dobson.

Exodontia.—A course of lectures weekly during the second term of the second year, including the study of nitrous oxide and oxygen, somnoform, etc., and local anaesthetics which students will be required to administer.

Text Book: Winsor, Berger.
Reference Books: Smith, Thoma, Hewitt, Deford.

Radiology.—A course of lectures weekly during the first term of the third year, including the study of plates and films from the Infirmary and office patients.

Text Book: Raper, 2nd edition.
Reference Books: McCoy, Thoma, Osgood.

Prosthetic Dentistry.

Professors.....S. G. Ritchie, J. S. Bagnall.
Lecturer.....C. B. Climo.

This course continues throughout the last three years. The instruction is didactic and practical.

Text Books: *American Text Book of Prosthetic Dentistry*, Kennedy; *Partial Dentures*,
Reference Books: Prothero, Wilson, Campbell, Nichols.

Crown and Bridge Work, and Ceramics.

Professor.....W. C. Oxner.
Lecturer.....A. W. Faulkner.

This subject will be presented by lectures, demonstrations and laboratory technic. It will continue throughout the last two years, with Infirmary practice.

Gold and Porcelain, Crown, Bridge and Inlay Construction, will receive proper attention. Students who may desire to use their own electrical furnaces will be supplied with electric connections. Precious metals must be supplied by the students for all technic.

Text Book: Dentister.
Reference Books: Evans; *Crown and Bridge*, Papan; *Crown and Bridge*, Godee; *Crown and Bridge*, Legro-Capori; *Ceramics*, Horvath; *Ceramics*.

Metallurgy.

Lecturer.....J. S. Bagnall.
Demonstrator.....G. M. Logan.

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, Gibbs.

Dental History, Jurisprudence, Ethics and Economics.

Lecturer.....H. S. Crosby.
History—History and development of Dentistry.

Reference Book: Taylor.

Ethics.—A brief statement of the important principles of morals and obligations of professional men to their patients, other practitioners and the public.

Reference Book: Neges.

Jurisprudence.—A discussion of the subject as it affects the qualifications and responsibilities of the Dental Surgeon.

Reference Book: Brothers.

Economics.—The student's 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*.

STUDENTS REGISTERED, 1933-34.

FACULTY OF ARTS AND SCIENCE.

Abelson, Max	Brooklyns, N. Y., U. S. A.
Adams, Elizabeth Frances	Halifax.
Adams, Richard Burns, B. A.	Halifax.
Ahearn, Katherine Frances	Boston, Mass., U. S. A.
Allan, David Ravensal	Yarmouth North.
Allen, Charles Douglas, B. A.	Halifax.
Allen, Margaret Norene	New Glasgow, Pic. Co.
Allen, Mildred Jean	Summerside, P. E. I.
Amirault, Irène Genevieve	Centre East Pubnico, Yar. Co.
Andrew, Arthur Julian	Pictou.
Andrew, Bernard Vincent	Port de Grave, Nfld.
Anzand, Robert Thompson	La Have, Lun. Co.
Arab, Edward Francis	Halifax.
Archibald, Donald Frederick	Halifax.
Archibald, Lewis Johnstone	(K) Sydney Mines, C. B. Co.
Archibald, William James, B. A.	Bridgetown, Ann. Co.
Archibald, William White	(K) Sydney Mines, C. B. Co.
Armstrong, William Fredrick	Halifax.
Arnold, George Feversham	(K) Sydney, C. B. Co.
Ashley, John Benedict	St. John's, Nfld.
Atcheson, Edith Godard	(K) Saint John, N. B.
Atherton, Pauline Elizabeth	Sussex, N. B.
Bagg, Alexander Carden	Westmount, P. Q.
Baird, Grace Mildred	Chipman, N. B.
Baird, John Wesley	Windsor, Hants Co.
Baker, Dora Georgina	Yarmouth.
Baldwin, Robert Parmenter	(K) Baddeck, Vic. Co.
Ball, Elmer Langdon	Badger, Nfld.
Ballem, Elliot Elizabeth	New Glasgow, Pic. Co.
Barnstead, Robert Creelman	Halifax.
Barry, William Lester	Halifax.
Bart, Robert John	Halifax.
Bassé, Henry Stanley Donald	Halifax.
Beasley, Warren Benson	Halifax.
Begg, Jenn Keith	Halifax.
Belyea, Helen Fraser Reynolds	Saint John, N. B.
Benny, John Chester	Smith's Falls, Ont.
Benson, Cyril Kenneth	King, Ont.
Bent, Douglas William	Fraser Rock, N. B.
Bernstein, Milton	New York, N. Y., U. S. A.
Beveridge, George Archibald Allan	Truro, Col. Co.
Beveridge, James Murdoch Wilson	Truro, Col. Co.
Biden, Edmund Arthur	Johannesburg, South Africa.
Biden, Margaret Douglass	Halifax.
Bishop, James Harvey	Mount Buchanan, P. E. I.
Black, Laurie Reginald	Halifax.
Blackman, Archibald	Glace Bay, C. B. Co.
Blair, Edith Cavell	Truro, Col. Co.
Bowman, John Hansicker	Saint John, N. B.
Bown, Louis Adrian	Beit Island, Nfld.
Boyer, Marjorie MacLeod	Victoria, N. B.

Convocation.

MAY 16, 1933.

Doctor of Laws, Honoris Causa.

Dougald Macgillivray, Esq.

Archibald McKellar MacMechan, B. A., Ph. D.,
LL.D., F. R. S. C.

George Geddie Patterson, M. A., LL. B.

Bressler, David	Paterson, N. J., U. S. A.
Brittain, Jean Isabel	Saint John, N. B.
Bryant, Harold Russell	Norton, N. B.
Buckland, Basil John	Fredericton, N. B.
Buckley, Gerald Robert, B. Com.	Halifax.
Buckley, John Sasfield	Halifax.
Burchell, Charles William	Halifax.
Burchell, Wilfred Sydney	Little Bras d'Or, C. B. Co.
Burgess, May Allison	Woodville, King's Co.
Burley, Jack Samuel	Andrews, N. B.
Burns, Kathryn Phyllis	Halifax.
Burris, Margaret Rutherford	Dartmouth, Hfx. Co.
Burry, Harry Maxwell	St. John's, Nfld.
Butcher, Helen Lawson	Dartmouth, Hfx. Co.
Butler, George Frederic, B. A.	Halifax.
Byrne, Rosemary Thérèse	New Waterford, C. B. Co.
Cameron, Donald Peter	Halifax.
Cameron, John Ralph	Halifax.
Cameron, John Roderick	Grand River, Rich. Co.
Cameron, Flynn Mary	Carbonear, Nfld.
Campbell, Lillian Elspeth	Curry's Corner, Hants Co.
Carew, Stanley James	Bell Island, Nfld.
Carr-Harris, Alexander Robert	Toronto, Ont.
Carroll, John Rogers	Halifax.
Cassell, Max	Brooklyn, N. Y., U. S. A.
Catanzaro, Carmine Joseph	(K) Yarmouth.
Chambers, Rose Margaret	Halifax.
Chase, Arthur Leckmere	(K) Kentville, King's Co.
Chase, Mary Elizabeth	Lowell, Mass., U. S. A.
Chisholm, Vera May	Alton, Col. Co.
Christie, Hugh Ellis	(K) Amherst, Cumb. Co.
Christie, Philip Sinclair	Milford, Hants Co.
Church, Jean Graham	New Glasgow, Pic. Co.
Clark, Marie Louise	Georgetown, P. E. I.
Clark, Ruth Iris	Halifax.
Clark, William Keir	Mount Stewart, P. E. I.
Cleynett, Maurice Gascoygne	Halifax.
Cleworth, Mary Adelaide	(K) Dartmouth, Hfx. Co.
Coates, Frederick Fletcher	Cambridge, Mass., U. S. A.
Cochran, Edward Brenton Nicol	(K) Mahone Bay, Lun. Co.
Cohen, Harry Aaron	Brooklyn, N. Y., U. S. A.
Cohen, Sheldon Myer	Yarmouth.
Cohn, Edwin Percy	Halifax.
Colo, George Inez	Sydney, C. B. Co.
Connor, Harold Palmatary	Halifax.
Cook, Gladys Gertrude	St. John's, Nfld.
Cooke, Thomas Raymond	Sydney, C. B. Co.
Coombes, Douglas Sutherland	Halifax.
Copp, Walter Ronald	Halifax.
Corbett, Joseph Colin	Halifax.
Croston, James MacDiarmid	Halifax.
Cowley, William Mailes	Ottawa, Ont.
Cox, Edith Elvin	New Glasgow, Pic. Co.
Cox, Isabel Purney	New Glasgow, Pic. Co.

(K) Enrolled in King's College.

Cram, Robert Jackson	(K) Waban, Mass., U. S. A.
Cramm, Herbert	Small Point, Carbonear, Nfld.
Crandall, Ruth Allison	Montreal, P. Q.
Crashorne, Ethel Alderson	Dartmouth, Hfx. Co.
Crawford, Thomas Williams	(K) Moncton, N. B.
Crease, Edward Fraser	Halifax.
Crease, James Douglas	Halifax.
Creaser, Isabel Amapia	Riverport, Lun. Co.
Crichton, Maureen Teiford	Dartmouth, Hfx. Co.
Crosby, Charlotte Ayra	Rothsay, N. B.
Crosby, James McAvity	Rothsay, N. B.
Cross, Laurence Cameron	Waltham, Mass., U. S. A.
Crowdie, Donald Kennedy	Halifax.
Crowdin, Lois Jean	Halifax.
Crickbank, Kenneth Young	Halifax.
Cumming, Robert Stanley	Dartmouth, Hfx. Co.
Cunningham, Robert Leonard	Halifax.
Daine, George Edmund	Halifax.
Dalzell, Arthur Irvine	Grand Manan, N. B.
Darrach, Gordon Edwin	Charlottetown, P. E. I.
Dauphinee, James Stephen	(K) Lunenburg.
Davison, Marjorie Moira	Hantsport, Hants Co.
Dechman, Edward Arthur	Bridgetown, Ann. Co.
Dexter, Reid Vincent	Halifax.
Dixon, Helen Dorothy	Dartmouth, Hfx. Co.
Dobson, Dorothy Louise	Halifax.
Dobson, John Frederick	Halifax.
Donkin, Laurence Ernest	Halifax.
Donkin, Marjorie Jean	Halifax.
Dorman, Robert Whittier	Ottawa, Ont.
Dougherty, Frances Jane	Victoria, P. E. I.
Douglas, Donalds Isadore	Earliown, Col. Co.
Douglas, George Ritchie	New Glasgow, Pic. Co.
Douglas, John William	(K) Amherst, Cumb. Co.
Douglas, Ralph Louis	Georgetown, P. E. I.
Douglas, Vivian Eleanor	Halifax.
Dowl, John Patrick	Moncton, N. B.
Drummie, Frances Knight	Saint John, N. B.
Drummie, Margaret Stanwood	Saint John, N. B.
Duggan, Mary Rebecca	Halifax.
Dumaresq, Lucille Dunstone	Halifax.
Eaton, Kenneth Edwin	Clemtonsport, Ann. Co.
Egan, Clement John	Fort Arthur, Ont.
Ellis, Arthur Frederick	Bathurst, N. B.
Ester, Mildred	Shubenacadie, Hants Co.
Evans, Reginald Dickey	Halifax.
Facey, Vera	(K) Halifax.
Fairweather, Arthur Clarence Lee	Rothsay, N. B.
Faulkner, Katheline Elvira	Halifax.
Faulkner, Mary Frances Madeleine	Halifax.
Fanquier, David	Rochcliffe, Ottawa, Ont.
Fay, Donald Barbeck	Halifax.

(K) Enrolled in King's College.

Fellows, Gladys Margaret	Halifax.
Fendell, Henry	Brooklyn, N. Y., U. S. A.
Fenwick, Donald Talmadge	(K)Saint John, N. B.
Ferguson, George Andrew	Armdale, Hfx. Co.
Ferguson, Lucina Margaret	Strathlome, Invr. Co.
Ferguson, Margaret Janet Tod	Victoria, B. C.
Ferguson, Charles Bruce	Fort Morris, C. B. Co.
Fewster, Edna Lysle	Saskatoon, Sask.
Findlay, Alias Charles	(K)Sydney, C. B. Co.
Findlay, Marian Stephens	Sydney, C. B. Co.
Fineberg, Hyman	Halifax.
Fisher, John Wiggins	Sackville, N. B.
Fisher, John William	Corner Brook, Nfld.
Fleming, Ronald Mitchell	Dartmouth, Hfx. Co.
Flynn, Harold Laurence	New Glasgow, Pic. Co.
Fogo, Catharine Gordon	East Bridgewater, Mass., U. S. A.
Foley, Mary Agnes Romaine	Halifax.
Foran, Margaret Rita	Halifax.
Forbes, Donald Lorraine	Moncton, N. B.
Forster, Alfred Manning	Halifax.
Forster, Julius Erwood	Halifax.
Foster, John Noble	Halifax.
Foster, William Gordon	Antigonish.
Frankel, Israel Alfred	New York, N. Y., U. S. A.
Fraser, Arthur Hopkins	Halifax.
Fraser, Isabel Jean	Sydney, C. B. Co.
Fraser, James Robert Calder	Stellarton, Pic. Co.
Fraser, Lillian Margaret	Sydney, C. B. Co.
Fraser, Mary Louise	Halifax.
Freed, Leon	Brooklyn, N. Y., U. S. A.
Frestone, Gwendolen Isabel	Halifax.
Frost, William Harding	Saint John, N. B.
Fry, Charles Daniel Desai	(K)Halifax.
Fry, Robert William	(K)Halifax.
Fuerstein, Morris	East Orange, N. J., U. S. A.
Garber, Ess Louise	Bridgewater, Lun. Co.
Gardner, Alana Robert	Halifax.
Gardner, Frances Vivian	Lunenburg.
Garrison, Anna Mae	Halifax.
Garten, Karl Anthony	Halifax.
Gaum, Harry	Sydney, C. B. Co.
Geidas, Amos Leslie, B. Sc.	Great Village, Col. Co.
Geizer, Annie Lathill	Halifax.
Gillespie, Gwenlyn Jean	New Glasgow, Pic. Co.
Gillies, Norman Bain	Branford, Ont.
Gillis, George Neil	Orangevale, Inv. Co.
Gladstone, William	Brooklyn, N. Y., U. S. A.
Gladwin, John Stanhope	(K)Pembroke, Bermuda, B.W.I.
Godfrey, Frederick Hodgson, B. A.	Truro, Col. Co.
Gold, Lillian Faith	Glace Bay, C. B. Co.
Goldberg, Howard Irving	Halifax.
Goldberg, Morton Maurice Albert	New York, N. Y., U. S. A.
Goodman, Bernie Maxwell	New Glasgow, Pic. Co.

(K) Enrolled in King's College.

Goodman, Edith	New Glasgow, Pic. Co.
Goodman, Ruth Marilyn	New Glasgow, Pic. Co.
Goodman, Waldo Emerson	New Glasgow, Pic. Co.
Gordon, Harold Samuel	Brookline, Mass., U. S. A.
Gosse, Charles Hamilton	Halifax.
Goudge, Frank Edward	Halifax.
Grant, Arthur St. Clair Goudge	Halifax.
Grant, John Ritchie	Halifax.
Grant, Kathleen	New Glasgow, Pic. Co.
Graves, James Harold	(K)Springhill, Cumb. Co.
Gray, Charles Leaver Rood	New Glasgow, Pic. Co.
Greenberg, Morris	New York, N. Y., U. S. A.
Hainsworth, Jack	Brooklyn, N. Y., U. S. A.
Hamilton, Heles Marian	Chesterville, Ont.
Hansford, Markand Melson	Montreal, P. Q.
Harnish, Weldon Eldridge	Halifax.
Harrington, Arthur Russell	Halifax.
Harris, Edward Borden	St. Catharines, Ont.
Harris, Walter Ruggles	(K)Bear River, Digby Co.
Harrison, Elaine Russell	(K)Springhill, Cumb. Co.
Harrison, Robert Beverley	Windsor, Hants Co.
Hart, William Laurence	Halifax.
Harvey, Daniel Ross Cobb	Halifax.
Hattie, Rudd Gue	Halifax.
Haviland, Douglas Thomas	Archibald
Healy, George Arthur	(K)Woodstock, N. B.
Henderson, Hugh Malcolm	(K)Truro, Col. Co.
Henley, Clare Anna	Sheet Harbor, Hfx. Co.
Herald, Charles Arthur, B. Sc.	Sydney, C. B. Co.
Herman, Evelyn Sara	Dartmouth, Hfx. Co.
Herman, Harry Gerald	Lunenburg.
Hewat, Donald Brock Ferrier	Halifax.
Higgins, Ernest Skinner	Halifax.
Higgins, Neil Weston	Charlottetown, P. E. I.
Hill, John James	Charlottetown, P. E. I.
Hill, Ronald James, B. A.	Halifax.
Hiltz, Victor William	(K)Kentville, King's Co.
Hinch, Thomas Edward	Halifax.
Hirtle, Waldo Emerson	Rockingham, Hfx. Co.
Cousins-Hix, Randolph	Sackville, N. B.
Hobrecker, Doris Elizabeth	Halifax.
Holm, Carl Orel	(K)New Waterford, C. B. Co.
Holman, Helen Louise	Summerside, P. E. I.
Homans, Ross Evans Spencer	Hubbards, Hfx. Co.
Hood, Elizabeth Eleanore	(K)Yarmouth.
Hopkirk, James Francis	Bridgewater, Lun. Co.
Horne, Janet	Summerside, P. E. I.
Horne, Carl Ashbourne	Carbonara, Nfld.
Howe, Claude Kilborn, B. Sc.	Carbonara, Nfld.
Heyt, Nathaniel Scott	Federicton, N. B.
Hudson, Lois Lucinda Elliott	(K)Halifax.
Hunt, Ella Maud	Mabou, Inv. Co.
Hunt, Gertrude Rachel	Mabou, Inv. Co.

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Huntley, Frances Margaret Macaulay	Parrboro, Cumb. Co.
Hutchins, Clayton	(K)Liverpool, Queen's Co.
Ingham, Winiflow Brewster	(K)Bernardsville, N. J., U. S. A.
Inglis, Maude Frances	Halifax
Inmas, William Robert, B. Sc.	Summerside, P. E. I.
Innes, Katherine Phoebe	Halifax
Ison, Paul	Long Island, N. Y., U. S. A.
Isner, Bennett Oswald Williams	Halifax
Jarvie, John	New Waterford, C. B. Co.
Johnson, Thomas Harold	New Glasgow, Pic. Co.
Johnson, Winston Case	West Saint John, N. B.
Johnston, Stuart, B. Sc.	Coldstream, Col. Co.
Jost, Solomon, B. A. (C.C.N.Y.)	New York City, N.Y., U.S.A.
Jost, Essie Constance	Halifax
Jost, Gladys Maude	Ottawa, Ont.
Joudrey, Helen Dorothy	(K)Mahone Bay, Lun. Co.
Kane, Ralph Waterman	Halifax
Karassik, Leo	Montreal, P. Q.
Kay, Sidney Stanley	Brooklyn, N. Y.
Keating, Lillian Jane	(K)Baddeck, Vic. Co.
Kelley, Betty	Sydney, C. B. Co.
Kendall, Hugh McLennan	Curry's Corner, Hants Co.
Keniston, Florence	Chicago, Ill.
Keniston, Martha	Chicago, Ill.
Kennedy, Howard Yorston	Truro, Col. Co.
Kennedy, Muriel Audora	Halifax
Kent, Harold Francis	Halifax
Kerr, Isabel Margaret	Halifax
King, John Cecil	Fairfield, Hobden Bridge, Yorkshire, England.
Kirby, Cecily Congers, B. A.	Saint John, N. B.
Kitt, Leonard Arthur	Halifax
Klein, Leonard	New York, N. Y., U. S. A.
Kyte, Albert Victor	St. Peter's, Rich. Co.
Lantz, Margaret Evelyn	Halifax
Lawrence, Maurice William	Halifax
Lebowitz, Jerome Harold	New York, N. Y., U. S. A.
Ledingham, Mary Coverhill	Saint John, N. B.
Lee, George Shen Chuck	Hoiping, Canton, China.
LeGrow, Chester	Broad Cove, B. D. V., Nfld.
Lehy, Gilbert Gabriel	Brooklyn, N. Y., U. S. A.
Leighton, Anna Maude	(K)Moncton, N. B.
LePape, Biola C.	North Rustico, P. E. I.
LeVine, Arthur Jack	Halifax
Levine, Pearl	Inverness
Levy, Leonard William	Brooklyn, N. Y., U. S. A.
Levy, Alice Blanche	Bedford, Hfx. Co.
Lindsay, Jean Berneau	Wabana, Nfld.
Linkletter, Alfred MacLean	Northam, P. E. I.

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Lipitz, Abraham Milton, B. Sc.	Brooklyn, N. Y., U. S. A.
(Columbia)	Halifax
Looy, James Murray	Halifax
Locke, Patience Churchill	Halifax
Lockhart, Henry Bent	(K)Moncton, N. B.
Longard, Annie Ella	Halifax
Longard, Gladys Amelia, B. A.	Halifax
Longard, John Rupert, B. Sc.	Halifax
Love, Donald Fraser	New Glasgow, Pic. Co.
Love, Lillian Grace	Dartmouth, Hfx. Co.
Lowman, Dorothy Vernon	(K)Moncton, N. B.
Lysal, Charlotte Tremaine	Halifax
Lynch, George Richard Kimberly	(K)Digby
Macaulay, James Fraser	Sydney, C. B. Co.
McCormick, Glendon Chase	(K)Granville Ferry, Ann. Co.
McCormick, John Graham	Halifax
McCune, Margaret Helen Stewart	Stellarton, Pic. Co.
Macdonald, Austin Alexander	Whycocomagh, Inv. Co.
MacDonald, Cecilia Agnes	Iona, Vic. Co.
Macdonald, Ernest Warburton	North Quinsey, Mass.
Macdonald, Frances May	(K)Glace Bay, C. B. Co.
McDonald, John Ferguson	Sydney, C. B. Co.
McDonald, Joseph	Sheet Harbour, Hfx. Co.
MacDonald, Katherine Sara	Kilmuir, P. E. I.
MacDonald, Margaret Alexander	Halifax
MacDonald, Peter Stuart	Westville, Pic. Co.
MacDonald, William Grant	North Fourches, Rich. Co.
McElhinney, Evelyn Frances, B.A.	Halifax
MacFarlane, Robert Manson	Nashwanokee, N. B.
McGillivray, Boyd	Moncton, N. B.
MacGlashen, Hugh Stewart	Dartmouth, Hfx. Co.
MacGlashen, Mary	Dartmouth, Hfx. Co.
MacGregor, Janet Lyle	New Glasgow, Pic. Co.
MacHattie, Lloyd Elliot	Caledonia, Guys. Co.
MacInnis, Donald Ross	Halifax
MacIntosh, Allan Simpson, B. A.	Bedford, Hfx. Co.
MacIntosh, David Lloyd, B. A.	Bedford, Hfx. Co.
MacIntosh, Malcolm Charles	Halifax
Payzter	Militia Point, Inv. Co.
McIntosh, Robert Lloyd	Shawinigan Falls, P. Q.
McIntyre, Grace Frances	Sussex, N. B.
McIntyre, William Pitfield	(K)Saint John, N. B.
MacKay, Alexander Bailie, M. Sc.	Salt Springs, Pic. Co.
MacKay, Catherine Isabel	West Bay, Inv. Co.
MacKay, Duncan Hugh	Glace Bay, C. B. Co.
MacKay, Jennie Isabel	Earlton, Col. Co.
MacKay, Malcolm Dan	North Highlands, Inv. Co.
MacKay, William Russell	Sheburne
McKeon, Gordon Russell	Pictou
MacKeigan, Ian Malcolm	Halifax
MacKenzie, Seymour Gordon	Halifax
McKie, Wayne	Charlottetown, P. E. I.
MacKinnon, Alastair David Morris	Armdale, Hfx. Co.
McKinnon, Charles William	Stellarton, Pic. Co.

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Macintosh, James Crosskill	Halifax.
MacLachy, Edward Symons	Truro, Col. Co.
MacLean, George Murray	Hopewell, Pic. Co.
MacLean, John Harold	Mahone Bay, Lun. Co.
McLellan, Charles Lorne	Truro, Col. Co.
McLellan, Charles Lowrey	Sydney, C. B. Co.
McLellan, Robert Faulkner	Truro, Col. Co.
MacLeod, Donald	Broughton, C. B. Co.
MacLeod, Frederick Harold	Port Hawkesbury, Inv. Co.
MacLeod, George Donald	St. George, N. B.
MacLeod, Mirra Katherine	Halifax.
MacLeod, Patricia Gordon	Javross.
MacLeod, William Stuart	Kentville, King's Co.
MacMillan, James Murray	Wyeboonagh, Inv. Co.
McPhail, Murray Philo	Dartmouth, Hfx. Co.
MacPherson, Murdoch Alexander	Regina, Sask.
MacRae, Ailiester Sutherland	Baddeck, Vic. Co.
MacRae, Duncan Daniel Alexander	Nyanza, Vic. Co.
MacRae, Duncan Russel	(K)Sydney Mines, C. B. Co.
MacRae, Helen Fraser, B. A.	Baddeck, Vic. Co.
MacVicar, Edward Ross	Sydney, C. B. Co.
Mackie, Constance Archibald	Sydney, C. B. Co.
Mackies, Abraham	Brooklyn, N. Y., U. S. A.
Mader, Marjorie Elizabeth	Halifax.
Mahon, Donald Arthur, B. Com.	Halifax.
Mair, Margaret Elizabeth	Halifax.
Manning, Charles Alexander	New Glasgow, Pic. Co.
Manuel, Marguerite Louise	Levasortte, Nfld.
Margison, Merton Everett	Woodstock, N. B.
Marsters, Jean Elizabeth	Dartmouth, Hfx. Co.
Mattar, Charlotte Bernadette	Halifax.
Maynard, Ida Blanche	New Glasgow, Pic. Co.
Meagher, Arthur Joseph	Halifax.
Meagher, Blanche Margaret Mary, B. A.	Halifax.
Meagher, Katherine Marie	Drumheller, Alberta.
Meagher, Kevin Joseph Nicholas	Halifax.
Menzie, Harold David	Tatamagouche, Col. Co.
Mercer, Eric Bruce-ell	Halifax.
Merchant, Evatt Francis	Halifax.
Merchant, Mary Clair	Sydney, C. B. Co.
Merkel, James William Arthur	Halifax.
Merriam, Mary Kathleen, B. A.	Port Greville, Cumb. Co.
Messer, Travis Edward	Harvey Station, N. B.
Millar, Ian Adams Livingstone	Springhill, Cumb. Co.
Millar, James Robert	Springhill, Cumb. Co.
Miller, Elizabeth Ross	New Glasgow, Pic. Co.
Miller, Seymour	Brooklyn, N. Y., U. S. A.
Mills, Alexander	Dundas, Scotland.
Miller, Robert Leopold	Amherst, Cumb. Co.
Mitchell, Earl Marshall	Halifax.
Mitchell, Thomas Nelson	Summerside, P. E. I.
Mitchell, Una Lewis	(K)Halifax.
Mitton, Manning Edward	Moncton, N. B.

(K) Enrolled in King's College.

Montgomery, Hugh MacKay	Halifax.
Montgomery, Margaret Maitland, B. A.	Halifax.
Moore, Cepheus Geoffrey	Dartmouth, Hfx. Co.
Moore, Margaret Adelaide	Dartmouth, Hfx. Co.
Moore, James Floyd, B. Sc.	Blackhead, Nfld.
Morison, Margaret Gene Mac-Gregg	Halifax.
Morrell, Alvin Sypher	Digby.
Morris, Thomas Harry	Charlottetown, P. E. I.
Morrison, Alastair Neil	New Waterford, C. B. Co.
Morrison, Frederic Charles	New Waterford, C. B. Co.
Morrison, Olga Christina	Dartmouth, Hfx. Co.
Morrison, William Ross	Halifax.
Moson, Walter Gerald	Halifax.
Mossman, Muriel Evangeline	Rose Bay, Lun. Co.
Moxon, Mary Katharine	Truro, Col. Co.
Mullins, Anne Eileen	Bathurst, N. B.
Murphy, George Herman	Halifax.
Murphy, Mabel Blanche	Halifax.
Murphy, Miriam Charlotte	Halifax.
Murphy, Raymond Herbert	(K)Halifax.
Murray, David Alan	Halifax.
Murray, Robert Graham	Dartmouth, Hfx. Co.
Musgrave, Milton Grant	Halifax.
Mushkat, Carl Marx, B. Sc.	Halifax.
Mutch, Aubrey Walter	Hopeton, P. E. I.
Myers, Clyde Vincent	Halifax.
Napier, Helen Shives	Campbellton, N. B.
Napier, Mary Kathleen Kilgour	Campbellton, N. B.
Naugler, Gerald Ernst	Montreal, P. Q.
Newbamba, William Ned	Brooklyn, N. Y., U. S. A.
Nelson, Harold Ervin	Stewiacke, Col. Co.
Nelson, Marion Edythe	Stewiacke, Col. Co.
Newman, Frank	Halifax.
Nicholson, Donald Norman	Glace Bay, C. B. Co.
Nickerson, Alexander Eugene Mc-Lenn	Halifax.
Nickson, Oran Allen	Montreal, P. Q.
Northrup, Albert Aubrey Taylor	(K)Kingston, N. B.
O'Brien, Mary Frances Rita	Halifax.
O'Brien, Robert Faulkner	Halifax.
O'Dwyer, Ellis Kathleen	Halifax.
Oland, David Falconer	Halifax.
Oland, Victor de Bedia	Halifax.
Oling, Anna Muriel, B. Sc.	Merigonish, Pic. Co.
Page, Ernest Currie	Glen Margaret, Hfx. Co.
Page, Florence Isobel	Halifax.
Parlee, Norman Allen Devine	Dartmouth, Hfx. Co.
Parsons, Rhoda Aileen	Halifax.
Partington, Philip Lawrence	Halifax.
Peckman, Abraham	Jersey City, N. Y., U. S. A.

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Petrie, Louis Adrian	Wabana Mines, Nfld.
Pipe, William Harvey	(K)Amherst, Cumb. Co.
Pistons, Vincent James	Sydney, C. B. Co.
Polak, Seymour	Brooklyn, N. Y., U. S. A.
Pomer, David Julius	Brooklyn, N. Y., U. S. A.
Pomer, Nathaniel	Brooklyn, N. Y., U. S. A.
Prat, Charles Henry	(K)Bridgetown, Ann. Co.
Prat, Howard Francis	(K)Bridgetown, Ann. Co.
Prendergast, Harold Gordon	New Waterford, C. B. Co.
Proctor, Hilda Kathleen	Halifax.
Proctor, John Bertrand	Halifax.
Pue-Gilchrist, Margaret Anne	Halifax.
Pugsley, Doris Robina	River Hebert, Cumb. Co.
Puritz, Martin Harry	Brooklyn, N. Y., U. S. A.
Purtill, Merle Marcella	Halifax.
Quigley, Hadsel Gordon	Eastern Passage, Hfx. Co.
Rae, Hugh MacKay	West Branch Riv. John, Pic. Co.
Rankine, James Andrew	Aylesford, King's Co.
Ray, Eldon Pringle, M. A.	Rockingham, Hfx. Co.
Redden, Laurence Arthur	Armdale, Hfx. Co.
Redmond, David Lawrence	Halifax.
Reid, William Allister	Westville, Pic. Co.
Reid, Jack	New York, N. Y., U. S. A.
Remillard, Helen Dorothy	Halifax.
Reynolds, Helen Cassels	Upper Steviacke, Col. Co.
Reynolds, Helen Cecelia	Sussex, N. B. Y.
Reynolds, Hubert George	Kingston, Jamaica, B. W. I.
Rhind, Dorothy Putnam	Elderbank, Hfx. Co.
Rhuland, Fred Angus	Lunenburg.
Rice, Frederick Anders	(K)Joggins Mines, Cumb. Co.
Richards, Byron William	Campbellton, N. B.
Richardson, James Ernest	Halifax.
Riley, Charles Golderic, B. A., (St. Joseph's)	Charlottetown, P. E. I.
Robb, Donald Stirling	Halifax.
Robertson, Frances Jean	Annapolis Royal, Ann. Co.
Rose, Melville Cumming	Oakfield, Hfx. Co.
Rosenhek, Clarence	Campbellton, N. B.
Rosner, Samuel	New York, N. Y., U. S. A.
Ross, Donald Murray	Halifax.
Ross, Donald Sutherland	Meadowville, Pic. Co.
Ross, Gordon Archibald	Newport, Hants Co.
Ross, Henry Brown	Halifax.
Ross, Hugh William	Meadowville, Pic. Co.
Ross, Ian Gerard	New Glasgow, Pic. Co.
Rothman, Hyman	New York, N. Y., U. S. A.
Reulston, Ellis Newton	New Glasgow, Pic. Co.
Rowley, John William Horsley	Ottawa, Ont.
Rowley, Roger	Ottawa, Ont.
Roy, Adam Frederic	Malabar, Hants Co.
Rubins, Irving	Brooklyn, N. Y., U. S. A.
Russell, Kathleen Erin	Halifax.
Ryan, Edward Murray	Halifax.

(K) Enrolled in King's College.

Saffron, Leonard	Springhill, Cumb. Co.
Saunders, Margaret	Halifax.
Saunderson, Donald Black	Halifax.
Saunderson, Elisabeth Campbell, B. Sc.	Halifax.
Sawyer, Harold Hall	Dartmouth, Hfx. Co.
Schlossberg, Stanley Saffin, B. S. (N. Y.)	New York, N. Y., U. S. A.
Schwartz, Morton	Brooklyn, N. Y., U. S. A.
Scott, Agnes Winifred	(K)Windsor, Hants Co.
Scott, William Ronald	Halifax.
Seely, Hial Douglas	Halifax.
Shans, Samuel Jacob	Yarmouth.
Shen, Ann Elizabeth	Worcester, Mass.
Sheehan, Thomas Meras	Halifax.
Shesfeld, Sidney Leo	New York, N. Y., U. S. A.
Sheppard, Percy	Badger, Nfld.
Shinners, Harold Stanley	(K)Sydney Mines, C. B. Co.
Shofer Ida	Halifax.
Siegel, Sara	Glouce Bay, C. B. Co.
Sieniewicz, Raymond	Halifax.
Sim, Arthur Cameron	(K)Sydney, C. B. Co.
Simensky, Philip Franklin	Brooklyn, N. Y., U. S. A.
Simmonds, Mary Francis	Halifax.
Simmonds, Ralph Leo	Halifax.
Simon, George	Woodridge, N. Y., U. S. A.
Sinclair, Donald Mackenzie	Saint John, N. B.
Sircorn, Sylvia Kaye	Halifax.
Sister Clare Marie	Rockingham, Hfx. Co.
Sister Constance Marie	Rockingham, Hfx. Co.
Sister Frances Carmel	Rockingham, Hfx. Co.
Sister Francis Magdalen	Rockingham, Hfx. Co.
Sister Mary Albertus	Rockingham, Hfx. Co.
Sister Mary Corona	Rockingham, Hfx. Co.
Sister Mary Evelyn	Rockingham, Hfx. Co.
Sister Mary of Good Counsel	Rockingham, Hfx. Co.
Sister Mary Lea	Rockingham, Hfx. Co.
Sister Mary Loyola	Rockingham, Hfx. Co.
Skaling, Elizabeth Ruth Bruce	New London, Conn., U. S. A.
Smith, Arthur Tanner Elliott	(K)Halifax.
Smith, Arthur William	Halifax.
Smith, Carleton James	(K)Halifax.
Smith, Costance Grace	Halifax.
Smith, Edgar Bernard	Caledonia, Queen's Co.
Smith, George Ransom, B. Sc.	Scotabarn Station, Pic. Co.
Smith, Glendon Lloyd George	(K)West Saint John, N. B.
Smith, Harvey Douglas	(K)West Saint John, N. B.
Smith, Lawrence Edgar	(K)Lunenburg.
Snide, Mary Marjorie Alexandra	(K)Shubenacadie, Hants Co.
Soula, Beatrice Eleanor	Halifax.
Sparks, Frederick William, B. A., B. Sc. (Mt. A.)	Portsmouth, England.
Spiro, Harold Maxiam	New Glasgow, Pic. Co.
Speck, Leland Davis	Newcastle, N. B.
Squire, Frank Bennett	Wabana, Nfld.

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Stanfield, Robert Lorne	Truro, Col. Co.
Stephen, John Eric Crandall	Bedford, Hfx. Co.
Sterns, Shirley Emeric	Glace Bay, C. B. Co.
Sterns, William Stewart	Glace Bay, C. B. Co.
Stevens, William John	Halifax
Stewart, Charlotte Anne	Campbellton, N. B.
Stewart, Chester Bryant	Norboro, P. E. I.
Stewart, Donald Bell	Saint John, N. B.
Stewart, Freeman Kenneth	Stellarton, Pic. Co.
Stewart, Samuel Edgar	Halifax
Stoddard, Borden Arthur	Halifax
Strauss, Isidore	Brooklyn, N. Y., U. S. A.
Strum, Mona Ethlyn	Mahone Bay, Lun. Co.
Sullivan, Kenneth George, B. A.	Halifax
Summer, Ruth	Moncton, N. B.
Sutherland, Donald Boyd	Halifax
Sutherland, James Robert Harry	New Glasgow, Pic. Co.
Tanton, George Stavert	(K) Summerside, P. E. I.
Teed, George Francis	(K) Saint John, N. B.
Tendler, Jacob Jack	New York, N. Y., U. S. A.
Theakston, Evelyn Mabel Forrester, B. A.	Halifax
Thomas, Enzor Henry	Bayfield, N. B.
Thompson, Gordon Henry	Halifax
Thompson, Mary Marjorie	Saint John, N. B.
Thomson, Elizabeth Tullach	Elmsdale, Hants Co.
Thorne, Edward Lefferts	(K) Halifax
Thorne, Nancy Redmayne	Halifax
Thurlow, Lionel James Metherall	Lunenburg
Topp, Allan Crickington	Halifax
Tracy, John James	Halifax
Traylor, Mary Stanislaus	St. John's, Nfld.
Trites, Barbara Avery	Bridgewater, Lun. Co.
Trowbridge, Willis Joseph	(K) Chatham, N. B.
Tullech, Robert Douglas, B. Sc.	Dartmouth, Hfx. Co.
Van Horne, Joseph Raymond	(K) Halifax
Velmotte, Clinton Clarence	(K) Lunenburg
Veniot, Mary Alberta	Bathurst, N. B.
Verson, Dorothy	Truro, Col. Co.
Wainwright, Hastings Burnaby	(K) Halifax
Walker, Eirene Margaret, B. A.	Halifax
Walker, Evelyn Ruth	(K) Moncton, N. B.
Walker, Helen Barbara	Kentville, King's Co.
Wallace, Delphine Caroline	St. Andrews, N. B.
Wallace, Raphael Herman	Halifax
Walton, Ryland Eugene Turton	Sav-Is-Mar P.O., Jamaica, B. W. I.
Ward, Carl Gardner	Springhill, Cumb. Co.
Watson, Edwin Penna	Halifax
Watson, Mary Paisley	Halifax
Watts, Hartwell Amiel	New Waterford, C. B. Co.
Waugh, Stanley Laurence	Wallace, Cumb. Co.

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Webster, Ellen Page	Yarmouth
Webster, John Alexander	Yarmouth
Webster, Margaret Dorothy, B. Sc.	Pictou
Webster, Roy Edision	Mered, P. E. I.
Wedge, Henry Walter	Summerside, P. E. I.
Weiner, Wilton Gastrou	Newton Center, Mass., U.S.A.
Weitz, Robert Daniel	Jersey City, N. J., U. S. A.
Wetmore, James Stuart	(K) Hampton, N. B.
Whalen, Joseph Maurice	Sydney Mines, C. B. Co.
Whidden, Helen Florence	Halifax
Whitzman, Beatrice Frances	Halifax
Wickwire, Harry Denzleigh	(K) Halifax
Wickwire, William Alexander Keith	Halifax
Wiesel, Lawrence Earl	Saint John, N. B.
Willett, Joseph Alfred	(K) Glace Bay, C. B. Co.
Williamson, Howard Hearts	Yarmouth
Wilson, Aileen Christine	Halifax
Wilson, Arthur James Cochrane	(K) Windsor, Hants Co.
Winfield, Sheila Margaret	Halifax
Wolfe, Rhoda Ewline, B. A.	Halifax
Wolowick, Ruth Bessler	Brooklyn, N. Y.
Wood, Betty Kathleen	Halifax
Wood, Walter Bennett	Twillingate, Notre Dame Bay, Nfld.
Woolaver, Margaret Silver	Newport, Hants Co.
Worrell, John Clarendon	(K) Halifax
Wright, Arthur Lawrence	Charlottetown, P. E. I.
Wright, Harold Kendall	Charlottetown, P. E. I.
Yager, Seymour Edward	Brooklyn, N. Y.
Zink, William Scott	Chester, Lun. Co.
Zwicker, Daisy Doris	Halifax
Zwicker, Edward Parker	New Germany, Lun. Co.
Zwicker, Henry Charles	New Germany, Lun. Co.

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Bilboun, Gilbert Casimir	San Fernando, Trinidad, B. W. I.
Coakley, Charles William	Halifax
Dauphinee, Robert Harris	Halifax
Ferguson, James Bell	Pictou
Fishman, Max	Halifax
Fraser, James Martell	New Glasgow, Pic. Co.
Harper, Dorcas Mary	Saint John, N. B.
Longley, Kenneth James Frederick	Halifax
MacKay, John Peter St. Clair	West Branch Riv. John, Pic. Co.
Mader, Philip Alexander	Lunenburg
Marshall, Mercedes Mary	St. John's, Nfld.
Marven, Robert Murray	Moncton, N. B.
Merrison, Frances Willard	Halifax
Pyke, Harold Douglas	Lunenburg
Stepherd, Paul Stevenson	Rosindale, Mass., U. S. A.
Shlossberg, Ella	Halifax

(K) Enrolled in King's College.

Simon, Evelyns Anna	Rockingham, Hfx. Co.
Sister Francis Xavier	Rockingham, Hfx. Co.
Sister John Evangelist	Rockingham, Hfx. Co.
Sister Margaret Elizabeth	Rockingham, Hfx. Co.
Sister Maria Colette	Rockingham, Hfx. Co.
Sister Regina Margaret	Rockingham, Hfx. Co.
Sister Robert Marie	Rockingham, Hfx. Co.
Thompson, Elizabeth Tullock	Elmsdale, Hants Co.
Wainwright, Kennedy Barr	Halifax.

FACULTY OF LAW

Third Year

Creighton, Franklin Frederic	Woodstock, N. B.
Dubinsky, Justin Louis, B. A.	Glace Bay, C. B. Co.
Duchemin, Roy DesBarres, B. A.	Sydney, C. B. Co.
Fraser, Donald Jackson	Hebron, Yaq. Co.
Grant, Herbert Forbes, B. A., (Mt. A.)	New Glasgow, Pic. Co.
Greenberg, Michael	Ottawa, Ont.
Holland, David Henry	Westville, Piz. Co.
Jost, William Harry, B. A.	Sydney, C. B. Co.
Kitaef, Merton, B. A., B. Com.	Yarmouth.
Longley, Charles Francis Adams	Halifax.
Lorway, Charles Head, B. A.	Sydney, C. B. Co.
McCleave, James Edward	Sewiacks, Col. Co.
McCulloch, Warren Falton	Truro, Col. Co.
MacDonald, Charles Roy	Glace Bay, C. B. Co.
Macdonald, John Michael, M. A., (St. F. X.)	North Sydney, C. B. Co.
Miller, John Alexander Fraser, B. A.	New Glasgow, Pic. Co.
Muegah, Henry Formax	Sydney, C. B. Co.
Murphy, William Barclay Joseph	Halifax.
Oxley, Howard Campbell, B. A., (Mt. A.)	Halifax.
Oyler, Patter Abner, B. Com.	Kentville, King's Co.
Pichette, Joseph Albert, B. A., (St. Joseph's)	Campbellton, N. B.
Squires, Richard Anderson, B. A.	St. John's, Nfld.

Second Year

Anderson, May Gladys, B. A., B. Com.	West River, Pic. Co.
Dunsworth, Mary Marjorie, B. A.	Halifax.
Ferguson, Neil	Glace Bay, C. B. Co.
Fraser, Charles Frederick, M. A.	Bedford, Hfx. Co.
Goldberg, Earle Harvey, B. Com.	Halifax.
Hanson, Horace Allen	Fredericton, N. B.
Hawes, Leonard Cornelius, B. A., (Mt. A.)	Holyrood, Nfld.
Henley, Percy Clarendon, B. A.	Armdale, Hfx. Co.
Hinton, Richard Stanfield	Summerside, P. E. I.
Kelley, William Andrew Gresham, B. A., (St. F. X.)	Sydney, C. B. Co.
Laurence, Roy Anderson	Margaree Harbour, Inv. Co.
McDonnell, Frank Currie, B. A., (St. F. X.)	Stellarton, Pic. Co.
McEvoy, John Bernard	St. John's, Nfld.
Margolis, Samuel	Yarmouth.

Miller, Charles Cyril, B. A., B. Com.	North Sydney, C. B. Co.
Murray, Eric David, B. A.	Halifax.
Orlando, John Dirk	Bridgetown, Ann. Co.
Ross, Donald Gordon, B. A. (Tor.)	Toronto, Ont.
Ross, Ian Gerrard	New Glasgow, Pic. Co.
Thurlow, Arthur Louis, B. A.	Lunenburg.
Webber, Simon	Halifax.

First Year

Armstrong, William Fredrick	Halifax.
Batt, Robert John	Halifax.
Bentley, Charles Frederick	Charlottetown, P. E. I.
Bentley, Douglas Fraser, B. A., (U. N. B.)	St. Martins, N. B.
Buckley, John Saxfield	Halifax.
Cleveland, John Harrison, B. A.	Dartmouth, Hfx. Co.
DeWolf, Arthur Leonard	Halifax.
Ferguson, Neil Layton, B. A.	Port Moresby, C. B. Co.
Godwin, John Edward Joseph	Bedford, Hfx. Co.
Green, Nathan	Halifax.
Hinchey, Michael Joseph, B. A., (St. F. X.)	New Waterford, C. B. Co.
Johnson, Winston Case	West Saint John, N. B.
Khattar, Simon John, B. A., (St. F. X.)	Sydney Mines, C. B. Co.
McGillivray, Boyd	Moncton, N. B.
McIntyre, Roderick Roland, B. A., (St. F. X.)	Sydney, C. B. Co.
McLellan, Robert Faulkner	Truro, Col. Co.
MacIsaac, Alan Joseph, B. A., (St. F. X.)	New Waterford, C. B. Co.
Manning, Charles Alexander	New Glasgow, Pic. Co.
Meagher, Arthur Joseph	Halifax.
Messer, Travis Edward	Harvey Station, N. B.
Osfield, John King, B. A.	Sussex, N. B.
Plank, Irving Charles	Yarmouth.
Prendergast, Harold Gordon	New Waterford, C. B. Co.
Partell, Merle Mabella	Halifax.
Richardson, James Ernest	Halifax.
Rowlings, Charles Duncan Wallace, B. Com.	Halifax.
Siegl, Morris, B. Sc., (M. A.)	Sydney, C. B. Co.
Smith, Arthur William	Halifax.
Smith, Glendon Lloyd George	West Saint John, N. B.
Sutherland, James Robert Harry	New Glasgow, Pic. Co.
Thompson, George Christie	Halifax.
Webber, Harvey Lewis	Halifax.

Special Students

Fisher, John Wiggins	Sackville, N. B.
Fayzast, Edward Anderson	Dartmouth, Hfx. Co.
Sangster, Eric Nagle	Windsor, Hants Co.

Registered for Examinations Only

Zive, Aaron, B. Sc.	Halifax.
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FACULTY OF MEDICINE

Fifth Year

Andrew, John Ernest, B. A.	Charlottetown, P. E. I.
Braslet, Edmund Alfred, B. A.	Antigonish (St. F. X.)
Brady, Yale	Sydney, C. B. Co.
Chisholm, Malcolm James	Margaree, Inv. Co.
Cooke, Roy Olivier	Falmouth, Jamaica, B. W. I.
Covert, George Leslie, B. Sc.	Halifax
Davidson, Harold Jack, B. Sc.	Sydney, C. B. Co.
deSouza, Caesar Nunes	Mahalea, British Guiana.
Dockerty, Malcolm Birt	Cardigan, P. E. I.
Gaum, Abbe, B. Sc.	Sydney, C. B. Co.
Harold, Thomas Campbell, B. Sc.	Halifax
Hebb, Harvey Douglas, B. Sc.	Halifax
Hebb, Peter Olding	Dartmouth, Hfx. Co.
Hiltz, Joseph Earle, B. Sc.	Truro, Col. Co.
Houston, George Gilbert, B. Sc.	Charlottetown, P. E. I. (Mt. A.)
Linder, Ann Frances, B. A.	Halifax
McKean, Harold Ross	Dorchester, N. B.
MacPhail, Franklin Lane	York Point, P. E. I.
MacLae, Donald MacKay, B.Sc.	Sydney Mines, C. B. Co.
Magnus, Alexander Philip	Glace Bay, C. B. Co.
Mahoney, Gordon Eustace	Wolfville, King's Co.
Murphy, Thomas Bernard, M. A.	Louisburg, C. B. Co. (St. F. X.)
Parsons, Kenneth Weston, B. Sc.	Harbour Grace, Nfld.
Pierce, William Douglas, B. Sc.	Armdale, Hfx. Co.
Follett, William Earl, B. A.	Sydney, C. B. Co.
Riggio, Frank	Brooklyn, N. Y., U. S. A.
Robertson, John Sinclair	New Glasgow, Hfx. Co.
Sodero, George Watson	Halifax
Stewart, John Bert, B. A. (Mt. A.)	Campbellton, N. B.
Stuart, Charles Elmer	Breadalbane, P. E. I.
Tempelman, Walter	Bonavista, Nfld.
Wright, William Ross	Bedeque, P. E. I.
Zwicker, Raymond Murton, B. Sc.	New Germany, Lun. Co.

Fourth Year

Baker, Charles Harold LeMont	Halifax
Doudreau, Gabriel	Chesteam, Inv. Co.
Buntain, John Howard	Wheatley River, P. E. I.
Collins, Hugh Allan, B. A.	Keenville, King's Co. (St. F. X.)
Crynock, Peter Darling, A. B., B. Sc.	Purgloves, West Virginia, (West Virginia)
Donaldson, George Merrill	Sydney, N.S.
Draver, Wilfred Howard	Tatamagouche, Col. Co. S.
Fairstein, Samuel Johnson, B. Sc.	St. John's, Nfld.
Found, Eric Magellan, B. A.	New York, N. Y., U. S. A.
Handler, Harrie, B. Sc.	New London, P. E. I.
Hewat, John Keatinge	Jersey City, N. J., U. S. A.
Holland, Leonard Gilbert, B. A.	Halifax

Keddy, George William Anderson,	Windsor, Hants Co.
B. A. (Acadia)	
MacKenzie, Kenneth William, B.A.	Campbellton, N. B. (Mt. A.)
Markovits, Theodore, B. A.	South Orange, N. J., U. S. A.
(Columbia)	
Martin, Thomas Malcolm, B. Sc.	Montreal, P. Q. (St. D.)
Murray, Douglas Kerr	Halifax
Silver, Gordon Louis	Halifax
Sodero, Theodore Clare Chalmers,	Halifax
B. A.	
Tanton, Gerald Pope	Summerside, P. E. I.
Whitehead, Frederick Lawson	Charlottetown, P. E. I.
Wigmore, Fred Henry, B.A. (Mt. A.)	Breadalbane, P. E. I.
Wollowick, David Paul	Brooklyn, N. Y., U. S. A.

Third Year

Archibald, Donald Harper, B. A.	Grand Falls, N. B.
Bennett, Sidney Rhondda	Bonavista, Nfld.
Best, Wilfrid Irving, B. A. (Mt. A.)	Oxford, Cumb. Co.
Devereux, Harold Joseph	Charlottetown, P. E. I.
Dominique, Carlos Anibal	Mayaguez, Porto Rico.
Dove, Robert Frederick	St. John's, Nfld.
Dyer, Wilfred John	Halifax
Eagles, Eldon Lewis	Moncton, N. B. S.
Edna Maxwell-Miller	Halifax
Grant, Earl Thomas	Montague, P. E. I.
James Charles	Halifax
Hatfield, George Gordon, B. Sc.	Hartland, N. B. (Asora)
Krebs, Irving, B. S. (N. Y. U.)	Brooklyn, N. Y., U. S. A.
Lamond, William James	Sydney Mines, C. B. Co.
Leveshal, Harry	New York, N. Y., U. S. A.
Macdonald, Gordon Creelman	Sydney, C. B. Co.
Mageot, Hyman	Glace Bay, C. B. Co.
Muir, James Alexander, B. Sc.	Eureka, Mic. Co.
Murray, Margaret Grace	Halifax
Pere, Luis Roberts	Mayaguez, Porto Rico.
Peters, Gordon Manning, B. A.	Glace Bay, C. B. Co. (Acadia)
Roberts, Harry Duncan	St. John's, Nfld.
Sachs, Perry Masters, B. S. (Alfred)	New York, N. Y., U. S. A.
Taylor, Harold Ernest	St. John's, Nfld.
Tosdale, Laurie Redmond	Dartmouth, Hfx. Co.
Tulk, George Davey	Portugal Cove, St. John's, Nfld.
Wishart, Frank Baird, B. Sc.	Fredericton, N. B. (U. N. B.)
Young, John Alexander Fraser,	Charlottetown, P. E. I.
B. A. (Mt. A.)	Pictou.

Second Year

Baird, Robald Pierce	Richibucto, N. B.
Becher, Tobias	Brooklyn, N. Y., U. S. A.
Brown, Bernard Marcus	Brooklyn, N. Y., U. S. A.

	Byrnes, Cyril Joseph	St. John's, Nfld.
1	Davis, Harold, B. Sc. (C. C. N. Y.)	Long Island, N. Y., U. S. A.
	Donahoe, James Emmett	Souris West, P. E. I.
	Durwell, Gordon Donaldson	Halifax
	DuBlier, Benjamin	Jersey City, N. J., U. S. A.
Forrell W.H.	Edwards, Edward Joseph, B. Sc.	Halifax
	Edwards, William Drummond, B. Sc.	Truro, Col. Co.
2	Easterbrook, Lewis	Halifax, N. S.
	Edwards, John Alexander	Lorain, Ohio, U. S. A.
	Grant, Arthur Roy	Missouche, P. E. I.
	Green, Leo, B. S. (N. Y. U.)	New York, N. Y., U. S. A.
	Green, William Vincent	Halifax
	Horowitz, Alexander Sam	Jersey City, N. J., U. S. A.
	Johanson, Gladys Enid, B.A. (Acadia)	Parsonsboro, Camb. Co.
	Jones, Robert Orville	Bridgetown, Ann. Co.
	Knodell, Herbert Lindsay	Halifax
	LeBrun, Gerald Jersey	Bridgetown, Ann. Co.
	Lokovics, Sidney Charles	North Bergen, N. J., U. S. A.
Madawa H. C. J.	MacDonald, John Buchanan	Cardigan, P. E. I.
	MacLellan, Joseph Baxter, B. Sc.	Stellarton, Pic. Co.
	McLellan, James Russell	Sydney, C. B. Co.
	Maddison, George Edward	Moncton, N. B.
	Mandolstam, Abe Wallace, B. A. (Hants)	Lewiston, Maine, U. S. A.
	Martin, John August	Halifax
	Morris, David Bryant	Windsor, Hants Co.
	Murray, William Edward	New Glasgow, Pic. Co.
	Nicholson, John Fraser, B. Sc.	Glace Bay, C. B. Co.
5	Parsons, George Vandenberg	Carleton Place, Ont., U. S. A.
	Parsons, Thomas Cameron	Halifax
	Peetman, Carl, B. S. (N. Y. U.)	Brooklyn, N. Y., U. S. A.
	Portnoy, Indigo	New York, N. Y., U. S. A.
	Rosenberg, Bernard Herman, B. S. (N. Y. U.)	Brooklyn, N. Y., U. S. A.
	Rosenberg, Samuel Nathan	Brooklyn, N. Y., U. S. A.
	Ryan, Lewis Raymond, B. Sc.	Truro, Col. Co.
6	Solomon, Daniel, B. Sc. (Bucknell)	Saunderby, Pa., U. S. A.
	Stevenson, James Hamilton	Halifax
	Wilson, Harry Edward	Windsor, Hants Co.
	Zakharov, Seymour	Stellarton, Pic. Co.
	Alkins, Robert Leander	Stellarton, Pic. Co.
	Balkin, Seymour Samuel	Brooklyn, N. Y., U. S. A.
	Barnhill, Edward Brunswick	Bayfield, N. B.
Becher T	Bass, Nelson William	Brooklyn, N. Y., U. S. A.
	Berkovits, Sidney Bart	Brooklyn, N. Y., U. S. A.
	Buck, Allan Ross, B. S. (Colby)	Halifax
	Burton, Benjamin Howard	Brooklyn, N. Y., U. S. A.
	Burrow, Philip Stanley	Brooklyn, N. Y., U. S. A.
	Burrows, Edward Harold John	Brooklyn, N. Y., U. S. A.
	Chisholm, Benjamin	Brooklyn, N. Y., U. S. A.
	Chinchin, Samuel Leo	New York, N. Y., U. S. A.
	Chiswick, Donald Melville	Truro, Col. Co.
	Chiswick, Melville	New Waterford, C. B. Co.
	Coady, Basil Kenneth, B.A.	Armdale, Hfx. Co.
	Deutsch, Irvin	New York, N. Y., U. S. A.

	Donahoe, James Robert Joseph, B.A.	Halifax
	Donahoe, Joseph Anthony	Cardigan, P. E. I.
	Embree, William Hazen	Amherst, Camb. Co.
	Epstein, Aaron Abram	New Waterford, C. B. Co.
Forrell W.H.	Fraser, David Andrew	Queen's Village, N.Y., U. S. A.
	Fraser, Leo Paul	New York, N. Y., U. S. A.
	Fraser, Donald Horvath	Charlottetown, P. E. I.
	Fraser, Wilmar Faulkner	Stellarton, Pic. Co.
	Gillis, Joseph Hazelton, B. Sc. (St. F. X.)	Indian River, P. E. I.
	Gold, Isadore Roy, Dal	Glace Bay, C. B. Co.
	Hogan, Ralph Bernard	Moncton, N. B.
	Horowitz, Leo	Jersey City, N. J., U. S. A.
	Hunter, John H. (U. N. B.)	Fredricton, N. B.
	Josephson, George Frantel	Brooklyn, N. Y., U. S. A.
	Lee, Richard Gordon	Victoria, P. E. I.
	Levesque, Daniel Gordon	Brooklyn, N. Y., U. S. A.
	Maclellan, Robert William, B. A.	Halifax
	Merse, Frank Winston, B. A. (Acadia)	Lawrencetown, Ann. Co.
	Needelman, Harry	New York, N. Y., U. S. A.
Parsons S.	Needelman, Harold	Halifax
	Ramsay, Donald William	Moncton, N. B.
	Rosenfeld, Julius Lawrence	Brooklyn, Hants Co.
	Roy, Wallace Moffat	North Sydney, C. B. Co.
	Schwarzapfel, Saul Benjamin	Brooklyn, N. Y., U. S. A.
	Shaw, Vincent Henry, B. Sc. (Trinity)	Waverbury, Camb. U. S. A.
	Siegel, Sidney James	Brooklyn, N. Y., U. S. A.
	Simms, George Graham Griffiths	Halifax
	Smith, William	Long Island, N. Y., U. S. A.
	Smith, Edward John	Shediac, N. B.
	Spurr, Helen Campbell	Fredericton, Pic. Co.
	Spurr, Helen Campbell	Liverpool, Queen's Co.
	Stentford, Thomas Gould	Carleton Place, N. B.
	Stewart, Chester Bryant	Norberton, P. E. I.
	Stoddard, Carl Creelman	Halifax
	Strong, Robert Frederick	St. John's, Nfld.
	Tanning, Daniel Frederick	Block's Harbor, N. B.
	Trask, Carl Raymond, B. A., B. Sc. (Acadia)	Yarmouth
	Webster, John Alexander	Yarmouth
	Witkin, Leonard Emanuel, B. Sc.	Brooklyn, N. Y.
Strong R. P.	Special Students	
	Fenderson, Joan Melford	Jaquet River, N. B.
	Zink, Ralph Churchward	Darimouth, Hfx. Co.
	Registered for Examinations Only	
	Kennedy, James Patrick	Springhill, Camb. Co.
	Rollack, Hartley Carleton	Speights Town, Barbados, B. W. I.
	FACULTY OF DENTISTRY	
	Fourth Year.	
	Barry, Robert Scannell	Milton, Mass. U. S. A.

Bass, Joseph	Brooklyn, N. Y., U. S. A.
Bloomenfeld, Edward Julius, D.D.S. (Maryland)	New York, N. Y., U. S. A.
Brody, Moe Henry	Glass Bay, C. B. Co.
Brody, Norman Raymond	Brooklyn, N. Y., U. S. A.
Brown, Abraham	Brooklyn, N. Y., U. S. A.
Campbell, James Erskine	Mulgrave, Geor. Co.
Davis, Harry, A. B. (Clark)	Providence, R. I., U. S. A.
Rokstein, Philip	Long Island, N. Y., U. S. A.
Goldstein, Meyer Norman	Dover, N. J., U. S. A.
Jaffe, William Cline, A. B. (C.C.N. Y.), D. D. S. (Temple)	New York, N. Y., U. S. A.
Kavalier, Leon	Brooklyn, N. Y., U. S. A.
Kirschbaum, Saul	Brooklyn, N. Y., U. S. A.
Krajewski, Thaddeus	Boston, Mass., U. S. A.
Kushel, Harley Garson	Rochester, N. Y., U. S. A.
MacLeod, James Andrew	Port Hastings, Inv. Co.

Third Year.

Cohen, Archibald	Caledonia Mines, C. B. Co.
Cohen, Jacob	New York, N. Y., U. S. A.
Goldman, Paul	Brooklyn, N. Y., U. S. A.
Layton, Lloyd Brown	Sydney Mines, C. B. Co.
Ratehowsky, William	New York, N. Y., U. S. A.
Schacher, Samuel	Brooklyn, N. Y., U. S. A.

Second Year.

Cougle, Samuel Kenneth	Fairville, N. B.
Dieck, Michael	Brooklyn, N. Y., U. S. A.
Figman, Louis Harry	New York, N. Y., U. S. A.
Galotti, Nicola Salvatore	New York, N. Y., U. S. A.
Muser, Robert Edward	Brooklyn, N. Y., U. S. A.
Newman, Samuel Herman, B. A.	Halifax.

First Year.

Lipschitz, Bernard Daniel	Brooklyn, N. Y., U. S. A.
Parker, Ralph Theodore	Brooklyn, C. B. Co.
Simon, Louis	Brooklyn, N. Y., U. S. A.
Sloane, Albert	East Orange, N. J., U. S. A.
Stein, Philip Maurice	New York, N. Y., U. S. A.

Registered for Examinations Only.

Crummey, Owen William	Greenspond, Bonavista Bay, Nfld.
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ENGINEERING COURSE.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
First Year.						
9	Chem. 1	Drawing 1	Chem. 1	Drawing 1	Chem. 1	
10	Math. 1	Surveying 1				
11	Math. 1	French 1	Math. 1	French 1	Math. 1	French 1
12	English 1		English 1		English 1	
2.30				Drawing 1	Drawing 1	
3.30		Chem. 1				
Second Year.						
9	Math. 2		Physics 2		Physics 2	Drawing 2
10	Physics 2	Surveying 2			Physics 2	Surveying 2
11	Math. 2	Geom. 1	Math. 2	Geom. 1	Math. 2	Geom. 1
12	English 2		English 2		English 2	
2.30					Physics 2	
3.30	Math. 2	Surveying 2	Drawing 2			
Third Year.						
9		Physics 3	Math. 2	Physics 3	Math. 2	
10		Math. 4	Math. 4	Math. 4	Chem. 2	
11	Math. 4	Math. 2	Math. 4	Math. 2	Math. 2	
12			Math. 4			
2.30						
3.30	Chem. 2		Physics 3		Drawing 2	

TIME TABLE—PRE-MEDICAL AND PRE-DENTAL, 1934-35.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
First Year.						
9	Chem. 1	Biology 1	Chem. 1	Biology 1	Chem. 1	
10	Math. 1		Math. 1		Math. 1	
11	Physics 1		Physics 1		Physics 1	
12	English 1		English 1		English 1	
2.30	Chem. Lab.	Physics Lab.	Chem. Lab.			
3.30	Chem. Lab.	Physics Lab.	Chem. Lab.		Bot. Lab.	
4.30	Chem. Lab.		Chem. Lab.		Bot. Lab.	
Second Year.						
9		Chem. 4	Chem. 4	Chem. 4	Chem. 2	
10	Chem. 4	Elective	Chem. 4	Elective	Chem. 2	
11	History 20		History 20		History 20	
12						
2.30						
3.30	Chem. Lab.	Bot. 2	Chem. Lab.	Bot. 2	Chem. Lab.	