

Dalhousie University

HALIFAX

Nova Scotia



CALENDAR

1948-1949

bh-8461

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 Griffiths & the Captains of His
MAJESTY'S Sloop of the Sloop, CHASLES GORDON MACKIE
COMMANDANT OF THE GARRISON, LIEUT. COLONEL GAUNTLETT
Commanding the 62nd Regiment and the Field Officers of his
Majesty's Forces in this GARRISON *bc. bc.*

John George Duke Esq. Grand Master of the Grand
Worshipful 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.

CONTENTS

	Page
GENERAL INFORMATION—	
Academic Course.....	22
Academic Staff.....	21
Advanced Standing on Grade.....	27
Aid Funds.....	26
Administration, Office of.....	23
Admission to Various Courses.....	23
Affiliated Institutions.....	21
Almanac.....	21
Benefactions.....	21
Board of Governors.....	21
Certificate awarded from Examination.....	21
Church Attendance.....	19
Constitution.....	19
Degrees and Courses.....	19
Degrees Conferred 1847-48.....	182
Degree, Conferral of.....	19
Deposits, Caution.....	21
Deposits, Laboratory.....	22
Deposits, Unclaimed.....	25
Diploma Courses.....	25
Disputes.....	21
Employment Bureau.....	26, 27
Entrance Requirements.....	107, 102, 103
Examinations (all Faculties).....	62, 109, 127, 147
Faculties and Affiliations.....	24
Fee (see under various Faculties).....	24
Health Service, Students.....	24
Historical Sketch.....	24
Laboratories.....	14, 20
Libraries.....	20
Lost and Found, Articles.....	11
Music Day.....	11
Museum.....	24
Physical Training.....	24
Post-Discharge Rehabilitation Grants.....	24
Privileges in Other Institutions.....	13
Professors Emeriti.....	8
Registration.....	21
Regulations, State.....	24
Regulations, General University.....	24
Residence.....	49-51
Scholarships and Prizes.....	18
Seniors.....	22
Student Activities, Non-Sports.....	22
Student Organizations, Fee for support of.....	18
Students Registered 1847-48.....	15
Taxes.....	152
University Lists.....	30
FACULTY OF ARTS AND SCIENCE—	
Academic Year.....	30
Admission to Classes.....	34-36
Affiliated Courses.....	31
Aid Funds.....	30
Attendance and Class Work.....	30
Classes of Instruction.....	25
Courses, History.....	37-29
Degrees and Courses.....	32
Order of Classes.....	35, 36, 37
Supplemental and Special Examinations.....	31
COURSES FOR DEGREES—	
Bachelor of Arts.....	32
Bachelor of Arts with Honours.....	37
Bachelor of Music.....	47
Bachelor of Commerce.....	35
Bachelor of Education.....	40
Bachelor of Music.....	47
Bachelor of Science (Food Technology).....	44
Bachelor of Science (Pharmacy).....	37
Bachelor of Science.....	35
Bachelor of Science with Honours.....	37
Master of Science.....	37
Master of Science (Fisheries).....	48

	Page
COURSES FOR DIPLOMAS IN—	
Education.....	43
Engineering.....	46
Engineering, Chemical and Metallurgical.....	46
Food Technology.....	44
Geology, Mining.....	44
Music.....	41
Pharmacy.....	42
Forestry.....	43

	Page
FACULTY OF LAW—	
Academic Year.....	104
Admission.....	105
Affiliated Courses.....	105
History.....	105
Classes of Instruction.....	111
Curriculum.....	106
Degree.....	107
Examinations, Regular.....	107
Examinations, Supplemental.....	107
Fee.....	109
Loan Fund.....	109
Modals and Prizes.....	108
Mock Parliament.....	107
Mock Court.....	107
Nova Scotia Baristers Society, Regulations of.....	103
Regulations.....	103
FACULTY OF MEDICINE—	
Academic Year.....	110
Admission and Grading.....	119
Affiliated Courses.....	118
Buildings.....	118
Classes of Instruction.....	129
Curriculum.....	120
Degree, Regulations for.....	121
Distinction Lists.....	122
Examinations, Admission.....	122
Examinations, Professional.....	121
Examinations, Supplemental.....	122
Exemptions.....	123
Fee.....	127
Faculty.....	127
Laboratories.....	116
Library.....	117
Medical and Prizes.....	123
Post-Discharge.....	118
Post-Discharge, Medical.....	118
Post-Discharge, Law.....	118
Privileges.....	115
Regulations, General University.....	114
Regulations, Provincial.....	115
Special Academic.....	124

	Page
FACULTY OF DENTISTRY—	
Academic Year.....	141
Admission.....	141
Affiliated Courses.....	141
Classes of Instruction.....	148
Curriculum.....	141
Degree, Regulations for.....	141
Distinction Lists.....	143
Examinations, Admission to.....	140
Examinations, Professional.....	143
Examinations, Supplemental.....	143
Exemptions.....	144
Fee.....	147
Examinations, Supplemental.....	143
Modals and Prizes.....	145
Post-Discharge.....	145
Regulations, General University.....	143
Regulations, Provincial.....	143

University Almanac, 1948-1949

1948

- Aug. 16 M. —Last day for receiving applications* for Fall Supplemental Examinations, and for admission to Law.
- Sept. 6 M. —Surveying Camp for students in Engineering begins.
- Sept. 7 Tu. —
8 W. —
9 Th. —
10 F. —
Supplemental Examinations for students in Law, Medicine, Dentistry.
- 14 Tu. —Session begins. Registration (and Payment of Fees) for students in Law, Medicine, Dentistry.
- 15 W. —Classes begin, and last regular Registration† Day for such students.
- 20 M. —Noon. Registration for such students ends.
- 25 S. —Matriculation and Supplemental Arts and Science Examinations†† begin.
—9.30—12.30 a.m., Latin; German.‡
—2.30—5.30 p.m., English.
- 27 M. —9.30—12.30 a.m., French; Greek.‡
—2.30—5.30 p.m., Physics.
- 28 Tu. —9.30—12.30 a.m., Geometry.
—2.30—5.30 p.m., Chemistry.
- 29 W. —9.30—12.30 a.m., Algebra.
—2.30—5.30 p.m., Trigonometry; History.‡
- 27 M. —Registration (and Payment of Fees) begins in Faculty of Arts and Science. The only regular registration day for New Students from Halifax and Dartmouth.
- 28 Tu. —Registration begins for other New Students in Faculty of Arts and Science.
- 29 W. —Registration begins for other than new students in Faculty of Arts and Science.
- Oct. 2 S. —12 Noon. Regular Registration† Period for students in Arts and Science ends. Halifax students will not be registered on this day.

*Fee must accompany application for examination. If a late application is accepted an additional fee of \$2.00 per day (maximum \$5.00) must be paid.

†Extra fee for late registration, \$2.00 per day.

††For time table see Notice Board.

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

- Oct. 4 M. —Results of Matriculation and Supplemental Examinations declared.
—9 a.m. Classes begin in Arts and Science.
5 Tu. —12 Noon. Meeting of Faculty of Arts and Science.
- Oct. 9 S. —12 Noon. Registration in Arts and Science ends.
13 W. —Last day for change of course in Faculty of Arts and Science.‡‡
M. —Thanksgiving Day.
Nov. 11 —Remembrance Day.
- Dec. 10 F. —Last day of lectures in classes in which Christmas Examinations are held.
13 M. —3.00 p.m. Christmas Examinations†† begin, except in Law.
21 Tu. —1.00 p.m., Christmas vacation begins.

1949

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

‡‡Charge of \$1.00 for changing course after this date.

††For time table, see Notice Board.

*Fee must accompany application for examination. If a late application is accepted an additional fee of \$2.00 per day (maximum \$5.00) must be paid.

Dalhousie University

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United Church of Canada Representative:

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[TWO VACANCIES.]

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 J. B. MARTIN, M.A., Ph.D.
 F. H. PAGE, M.A.
 M. G. WHILLANS, M.D.
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Committee on Admission

The Registrar and the Deans of the various Faculties.

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 Dean of the Faculty of Medicine—H. G. Grant.
 Dean of the Faculty of Law—Vincent C. MacDonald.
 Dean of the Faculty of Dentistry—J. Stanley Bagnall.
 Registrar (Acting)—M. R. Foran.
 Business Manager—W. L. Harper.
 Engineer in charge of Buildings and Grounds—H. R. Theakston.
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 Warden, Shireff Hall—Mary C. Mowat.
 Superintendent, Public Health Clinic—Florence A. Fraser.

PROFESSORES EMERITI

John Cameron, M.D. (Edin.), D.Sc. (St. And.), F.R.S.E. & C.
 M.R.C.S., Dr. D. G. J. Campbell Memorial Professor of Anatomy
 (1915-1930).
 Louis M. Silver, B.A. (Vind.), M.B., C.M. (Edin.), F.R.C.P. (C.),
 Professor of Medicine and Clinical Medicine. Retired, 1927.
 R. E. Mathers, M.D. (New York), F.A.C.S., F.R.C.S. (C.), Professor
 of Diseases of the Eye, Ear, Nose and Throat. Retired, 1930.
 E. Kirk Maclellan, M.D., C.M. (Dal.), F.R.C.S. (C.), F.C.O.G., Professor
 of Obstetrics and Demonstrator in Practical Obstetrics. Retired, 1939.
 Francois-René Gautheron, Agrégé des Lettres (Paris), Chevalier
 de la Légion d'Honneur, McLeod Professor of French (1924-1942).
 Murray Macneil, B.A. (Dal.), M.A. (Harv.), LL.D. (Dal.) Church of
 Scotland Professor of Mathematics (1907-1942).
 W. H. H. Beckwith, D.D.S. (U. of P.), Professor of Operative Dentistry
 (1925-1946).
 W. C. Omer, D.D.S. (B.C.D.S.), Professor of Crown and Bridge Work
 and Ceramics (1925-1946).
 A. E. Doull, M.D., C.M. (McGill), F.A.C.S., F.R.C.S. (C.), Professor
 of Diseases of the Eye, Ear, Nose and Throat (1937-1946).
 H. K. MacDonald, M.D., C.M. (McGill), F.R.C.S. (C.), Professor of
 Surgery and Clinical Surgery (1933-1946).
 Howard L. Bronson, B.A., Ph.D. (Yale), LL.D. (Dal.), F.R.S.C., George
 Munro Professor of Physics (1911-1946).
 Kenneth A. MacKenzie, M.D., C.M. (Dal.), F.R.C.P. (C.), Professor of
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 S. G. Ritchie, B.A. (U.N.B.), D.M.D. (T.D.C.), Professor of Dental
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 Dentistry (1912-1947B).

ACADEMIC STAFF

FACULTY OF ARTS AND SCIENCE, 1947-48

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 Rosemary W. Blount, B.Sc. (Dal.),
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 G. A. Dauphins, B.Sc. (Dal.),
 L. A. W. Fairham, B.Sc. (Dal.),
 A. Gordon, B.Sc. (Dal.),
 L. E. MacIsaac, B.Sc. (St. F. X.)
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 Thors A. Reid, B.Sc. (Dal.),
 S. G. Whiteway, B.Sc. (Dal.),
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 O. A. S. Smith,
- } *Student Assistants in German*
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 W. L. Davison,
- } *Student Assistants in Geology*
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- } *James Gordon MacGregor Memorial Fellow in Physics*

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

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The Registrar, Secretary.
Professors Maxwell, Archibald, Adsheed.
- Committee on Honour and
Graduate Studies:* { *Professor Johnstone, Chairman.*
Professors Griffin, Coffin, Harvey,
Hayes, Martin.
- Committee on Library:* { *Professor Bennet, Chairman.*
Professors Douglas, Chute, Page,
Cunningham, Lafontaine.
- Committee on Scholarships:* { *Professor Mowat, Chairman.*
The Registrar, Secretary.
Professors Mercer, Bell, Walmaley,
Bowes, Roebuck.

Special Lecturers

- Harry Dean, A.R.C.O., R.C.M. (Leipzig), Lecturer in Music and Examiner
in Theory of Music, 31 March St.*
- Daniel Cobb Harvey, B.A. (Dal.), M.A. (Oxon.), LL.D. (Dal.),
F.R.S.C., Archivist of the Public Archives of Nova Scotia, Lecturer
in Canadian History, York Apts., South St.*
- Donald Cameron Mackay, A.N.S.C.A., Lecturer in Fine Arts, 28 South
Park St.*
- Johanna Richter, M.A. (Tor.), Special Lecturer in German, 15 Waag-
woltze Ave.*
- Carl McKinley, Examiner in Music, New England Conservatory of
Music, Boston, Mass.*
- Irene Coffin, Licencie de Lettres (Borbonne), Special Lecturer in
French and Russian, 202 Jubilee Road.*
- Elias Andrews, B.A. (Dal.), M.A., Ph.D. (Drew), B.D. (Pine Hill)
Special Lecturer in Biblical Literature, 40 Franklyn St.*
- J. E. Lloyd, C.A., Special Lecturer in Accounting, 7 Newton Ave.*
- G. B. Robertson, B.A., LL.B. (Dal.), LL.M. (Harv.), Special Lecturer in
Political Science, 83 Oxford St.*
- Charles H. Castell, M.S.A. (Tor.), Special Lecturer in Bacteriology (Fish-
eries), Fisheries Experimental Station.*

FACULTY OF LAW, 1947-48

- Alexander E. Kerr, B.A. (Dal.), J.D. (Union Sem., N. Y.), D.D.
(United Coll., Man.), LL.D. (Mt. A.), President of the University.*
- Vincent Christopher MacDonald, K.C., B.A., LL.B. (Dal.), The Dean
Widson Professor of Law, 238 Jubilee Road.*
- J. E. Moffatt Hancock, B.A. (Tor.), S.J.D. (Mich.), Vice-Chancellor
Professor of Law, King's College Residence.*
- James Bryce Milner, LL.B. (Dal.), Associate Professor of Law, Coburg
Apartments.*
- Thomas Gregory Feeney, LL.B. (Dal.), Assistant Professor of Law,
24 Tobin St.*
- F. H. M. Jones, M.C., B.A., LL.B. (Dal.), Lecturer in Insurance.*
- J. E. Rutledge, K.C., M.L.A., B.A., LL.B. (Dal.), Lecturer in Procedure*
- F. D. Smith, K.C., Lecturer in Shipping.*
- Hon. John Doull, B.A., LL.B. (Dal.), Justice of the Supreme Court of
Nova Scotia, Lecturer in Evidence.*
- J. A. Hanway, K.C., LL.B. (Dal.), Chairman of the Board of Public
Utilities, Lecturer in Procedure.*
- A. G. Cooper, B.Com. (Dal.), B.A., B.C.L. (Oxon.), Lecturer in Equity
II.*
- Robert T. Donald, B.A., LL.B. (Dal.), Demonstrator in Procedure.*
- Edward F. Cragg, LL.B. (Dal.), Demonstrator in Procedure.*
- E. A. Ritchie, B.A. (King's at Oxon.), Lecturer in Insurance.*
- Dean of the Faculty, Professor V. C. MacDonald.*
- Secretary of the Faculty, Professor J. E. M. Hancock.*

FACULTY OF MEDICINE, 1947-48

- Alexander E. Kerr, B.A. (Dal.), B.D. (Union Sem., N. Y.), D.D. (United Coll., Man.), LL.D. (Mt. A.) *President of the University.*
- Elsid Gordon Young, B.A., M.Sc. (McGill), Ph.D. (Cantab.), F.R.S.C., *Professor of Biochemistry, 96 Oakland Rd.*
- Ralph Paterson Smith, M.D., Ch.B. (Glas.), D.P.H. (Glas. et Edin.), *Professor of Pathology and Bacteriology, 22 Chestnut St.*
- J. O. MacDougall, M.D., C.M. (McGill), F.R.C.S.(C.), F.A.C.S., *Professor of Surgery and Clinical Surgery, 17 Parkwood Terrace.*
- George H. Murphy, M.D., C.M. (Dal.), F.R.C.S.(C.), F.A.C.S., *Professor of Surgery and Clinical Surgery, 28 Carleton St.*
- H. B. Aclis, M.C., M.D., C.M. (Dal.), F.R.C.S. (Edin. & Can.), *Professor of Obstetrics and Gynecology, 119 South Park St.*
- Raymond Jackson Bean, M.S. (N. H.), *Professor of Histology and Embryology, 28 Chestnut St.*
- Donald Mainland, M.B., Ch.B., D.D.Sc. (Edin.), F.R.S.E. & C., Dr. D.G.J. *Campbell Memorial Professor of Anatomy, 47 LeMarchant St.*
- Harry Goudge Grant, M.D., C.M. (Dal.), M.R.C.S., L.R.C.P. (Lond.), *Professor of Preventive Medicine, 12 Wasgwoitche Ave.*
- M. J. Carney, B.A. (Dal.), M.D., C.M. (McGill), F.R.C.P.(C.), *Professor of Paediatrics, 115 Oxford St.*
- Frank G. Mack, B.A. (Dal.), M.B. (Tor.), F.R.C.S.(C.), F.A.C.S., *Professor of Urology, 322 Spring Garden Rd.*
- C. Beecher Weld, M.A. (B.C.), M.D. (Tor.), *Professor of Physiology, 78 Cambridge St.*
- W. Alan Curry, B.A. (Dal.), M.D., C.M. (McGill), F.R.C.S. (Eng.), *Professor of Surgery and Clinical Surgery, 121 South Park St.*
- Gordon B. Wiswell, M.C., B.A., M.D., C.M. (Dal.), *Professor of Paediatrics, 186 Robie St.*
- Clyde W. Holland, B.A., M.D., C.M. (Dal.), F.R.C.P.(C.), J. C. Tary *Professor of Medicine, 341 Spring Garden Rd.*
- C. M. Bethune, B.Sc., M.D., C.M. (Dal.), *Professor of Hospital Administration, 81 Oxford St.*
- C. E. Stewart, B.Sc., M.D., C.M. (Dal.), M.P.H. (J.H.U.), Mrs. E. B. Eddy *Professor of Epidemiology and Nursing Education, 11 Henry Street.*
- Hugh W. Schwartz, M.D., C.M. (Dal.), F.A.C.S., *Professor of Diseases of the Eye, Ear, Nose and Throat, 183 South Park St.*
- Morley Gray Whillans, M.D. (Tor.), *Professor of Pharmacology, 83 Walnut St.*
- James R. Corston, B.A., M.D., C.M. (Dal.), F.R.C.P.(C.), *Associate Professor of Medicine and Clinical Medicine, 46 Coburg Rd.*
- Richard Lorraine de Chastoney Holbourne Saunders, M.B., Ch.B., M.D. (Edin.), F.R.S. (E. & S.A.), F.R.S.A., *Director of Medical Museums and Associate Professor of Anatomy, 96 Robie St.*
- Robert Orville Jones, B.Sc., M.D., C.M. (Dal.), *Associate Professor of Psychiatry, 212 Robie St.*

- George F. Skinner, M.D., C.M. (McGill), F.R.C.S. (Edin. (Can.), F.A.C.S., *Associate Professor of Surgery, 36 Coburg St., Saint John, N. B.*
- Norman Skinner, M.D., C.M. (McGill), *Associate Professor of Medicine, 59 Peters St., Saint John, N. B.*
- George M. White, M.D., C.M. (McGill), L.M.C.C., M.R.C.O.G., F.A.C.S., F.R.C.S.(C.), *Associate Professor of Obstetrics and Gynecology, 42 Wellington Row, Saint John, N. B.*
- W. G. Colwell, M.D., C.M. (Dal.), *Associate Professor of Obstetrics and Gynecology and Demonstrator in Practical Obstetrics, 84 Seymour St.*
- T. M. Sieniewicz, M.D., C.M. (Dal.), *Associate Professor of Medicine and Clinical Medicine, 143 South Park St.*
- C. E. Kinley, M.D., C.M. (Dal.), F.A.C.S., *Associate Professor of Surgery and Clinical Surgery, 371 Spring Garden Rd.*
- V. O. Mader, M.D., C.M. (McGill), F.R.C.S.(C.), *Associate Professor of Surgery and Clinical Surgery, 149 South Park St.*
- N. H. Coase, M.D., C.M. (Dal.), F.A.C.S., *Associate Professor of Surgery and Clinical Surgery, 240 Spring Garden Rd.*
- J. W. Reid, M.D., C.M. (Dal.), M.R.C.P. (Lond.), *Associate Professor of Medicine and Clinical Medicine, 11 Coburg Rd.*
- J. V. Graham, M.D., C.M. (Dal.), F.A.C.S., *Associate Professor of Surgery and Demonstrator in Anatomy, 51 Coburg Rd.*
- J. W. MacIntosh, M.D., C.M. (Dal.), F.A.C.P., *Associate Professor of Medicine and Clinical Medicine, 30 Coburg Rd.*
- R. H. Stoddard, M.D., C.M. (Dal.), F.A.C.S., *Associate Professor in Diseases of the Eye, Ear, Nose and Throat, 319 Harrington St.*
- D. J. Tenning, M.D., C.M. (Dal.), *Assistant Professor of Medicine, 204 Robie St.*
- R. W. M. MacKay, M.D., C.M. (Dal.), F.A.P.A., *Assistant Professor of Psychiatry, Nova Scotia Hospital.*
- Hon. F. R. Davis, M.D., C.M. (Dal.), F.A.C.S., *Assistant Professor of Surgery.*
- A. R. Morton, M.D., C.M. (Dal.), M.P.H. (J.H.U.), F.A.P.H.A., *Assistant Professor of Preventive Medicine, 30 Armview Ave.*
- N. Barrie Coward, M.D., C.M. (Dal.), *Assistant Professor of Paediatrics, Lecturer in Medicine, 89 Oxford St.*
- H. W. Kirkpatrick, M.D., C.M. (Dal.), *Assistant Professor in Diseases of the Eye, 50 Vernon St.*
- A. E. Doull, Jr., M.D., C.M. (Dal.), *Assistant Professor in Diseases of the Eye, 25 Chestnut St.*
- Mairville Schachter, M.Sc., M.D., C.M. (McGill), *Assistant Professor of Physiology, 296 Gottington St.*

- Irwin MacKay Murray, M.D., C.M. (Dal.), *Assistant Professor of Anatomy*, 35 Marlboro Ave.
- D. J. Mackenzie, M.D., C.M. (Dal.), F.R.C.P.(C.), F.A.P.H.A., *Assistant Professor of Hygiene*, 46 South Park St.
- John Gray Aldous, M.A. (B.C.), Ph.D. (Tor.), *Assistant Professor of Pharmacology*, 77a Oakland Rd.
- P. S. Campbell, M.D., C.M. (McGill), *Assistant Professor of Preventive Medicine*, 246 Robie St.
- James W. Abbiss, M.B., Ch.B. (Birm.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), *Assistant Professor of Pathology*, 101 South Park St.
- Robert William Begg, M.Sc., M.D., C.M. (Dal.), *Assistant Professor of Biochemistry*, Staff House No. 3, Mulgrave Park.
- C. S. Marshall, M.D., C.M. (Dal.), *Assistant Professor in Medicine*, 25 Beech St.
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- J. W. Merritt, M.D., C.M. (Dal.), F.R.C.S.(C.), *Assistant Professor of Surgery*, 176 Oxford St.
- J. C. Acker, M.D., C.M. (McGill), *Assistant Professor of Surgery*, 5 Tupper Grove.
- T. B. Acher, M.D., C.M. (Dal.), *Assistant Professor of Surgery*, 106 Henry St.
- Edwin F. Ross, O.B.E., B.Sc., M.D., C.M. (Dal.), F.A.C.S., F.R.C.S.(C.) *Surgery*, 139 Oxford St.
- J. Arnold Noble, O.B.E., B.A. (Acad.), M.B., Ch.B., F.R.C.S. (Edin.), *Assistant Professor of Surgery*, 77 Inglis St.
- A. L. Murphy, B.A., M.D., C.M. (Dal.), F.A.C.S., *Assistant Professor of Surgery*, Corner Inglis and Robie Sts.
- P. A. Macdonald, M.D., C.M. (McGill), *Chief of Clinic and Demonstrator in Practical Obstetrics*, 313 Spring Garden Rd.
- S. R. Johnston, M.D., C.M. (Dal.), *Lecturer in charge Department of Radiology*, 96 Victoria Rd.
- Kenneth M. Grant, B.Sc., M.D., C.M. (Dal.), *Lecturer in Obstetrics and Gynaecology and Demonstrator in Practical Obstetrics*, 127 South Park St.
- G. S. Kinsley, *Lecturer in Materis Medica*, 22 Oxford St.
- H. L. Seammell, M.D., C.M. (Dal.), *Lecturer in Medicine*, 196 Atlantic St.
- C. J. W. Beckwith, B.A., M.D., C.M. (Dal.), D.P.H., (Tor.), F.C.C.P., *Lecturer in Preventive Medicine and in Medicine*, 111 Tower Rd.
- Elizabeth Smith Beas, B.A. (Cant.), M.A., Ph.D. (Wis.), *Instructor in Histology and Embryology*, 28 Chestnut St.
- A. M. Marshall, M.D., C.M. (Dal.), F.R.C.S. (Edin.), *Instructor in Clinical Surgery*, 42 Armesway Ave.
- G. L. Covert, B.Sc., M.D., C.M. (Dal.), *Instructor in Clinical Surgery*, 210 Spring Garden Rd.
- A. E. Murray, B.A., M.D., C.M. (Dal.), *Lecturer in Medical Jurisprudence*, 15 Quinpool Rd.
- Walter Leslie, M.D. (Man.), *Lecturer in Psychiatry*, 9 Bellevue Ave.

- Marvin Wellman, M.D. (Tor.), *Lecturer in Psychiatry*, 276 Gottingen St.
- S. C. Saunders, M.B., Ch.B. (Edin.), *Assistant to the Director of Medical Museum*, 25 Robie St.
- C. C. Stoddard, M.D., C.M. (Dal.), *Instructor in Surgery*, 106 Oxford St.
- C. L. Gosse, B.Sc., M.D., C.M. (Dal.), F.A.C.S., *Instructor in Urology*, 142 Morris St.
- Robert Murray MacDonald, B.S.A. (McGill), M.B., Ch.B. (Edin.), F.R.C.P.(C.), *Instructor in Clinical Medicine on the Attending Staff of the Dalhousie Public Health Clinic*, 92 Seymour St.
- Lea Chapman Steeves, B.A. (Mt. A.), M.D., C.M. (McGill), F.R.C.P.(C.), *Instructor in Clinical Medicine on the Attending Staff of the Dalhousie Public Health Clinic*, 363 Young St.
- Jessie M. Lawrence, B.A. (Mt. A.), *Instructor in Psychiatry*, 94 Dublin St.
- C. Eileen Phinney, *Instructor in Psychiatry*, 259 Oxford St.
- Roberts Bond Nichols, B.A., M.D., C.M. (Dal.), *Instructor in Anatomy*, 248 Tower Rd.
- Philip Weatherbe, M.B., Ch.B. (Edin.), F.A.C.S., *Demonstrator in Clinical Surgery*, 27 Coburg Rd.
- J. G. D. Campbell, M.D., C.M. (Dal.), *Demonstrator in Paediatrics*, 126 South Park St.
- Donald M. MacRae, B.Sc., M.D., C.M. (Dal.), *Demonstrator in Diseases of the Eye, Ear, Nose and Throat*, 247 Jubilee Rd.
- Margaret Gosse, B.A., M.D., C.M. (McGill), *Demonstrator in Clinical Medicine*, 240 Spring Garden Rd.
- W. J. Dyer, B.Sc., M.D., C.M. (Dal.), *Demonstrator in Clinical Medicine and in Clinical Urology*, 247 Quinpool Road.
- W. K. House, M.D. (Man.), F.R.C.S. (Edin.), *Demonstrator in Clinical Surgery*, 123 Oxford St.
- L. G. Holland, B.A., M.D., C.M. (Dal.), *Demonstrator in Diseases of the Eye, Ear, Nose and Throat*, 45 Lucknow St.
- C. M. Harlow, B.Sc. (Acad.), Ph.D., M.D., C.M. (McGill), *Lecturer in Pathology*, Elmwood Apartments, South St.
- Jean P. Milner, B.A., M.S.A. (U.S.C.), *Demonstrator in Physiology*, Coburg Apartments.
- J. F. L. Woodbury, B.Sc., M.D., C.M. (Dal.), *Demonstrator in Clinical Urology*, 170 Oxford St.
- C. H. Reardon, M.D., C.M. (Dal.), *Demonstrator in Clinical Urology*, 195 Oxford St.
- J. E. Cooke, *Demonstrator in Materis Medica*, 10 Henry St.

Jessie I. MacKnight, *Demonstrator in Materia Medica*, 45 Edward St.
 Adelaide L. Fleming, B.Sc., M. D., C. M. (Dal.), *Demonstrator in Paediatrics*, 34 Camboridge St.

R. G. Rsee, M.D., C.M. (McGill), *Demonstrator in Paediatrics*, Elmwood Apartments, South St.

John I. Phinney, B.A., B.Sc. (Acad.), *Demonstrator in Biochemistry*, 43 Edward St.

Jean Alexandra Peabody, B.A. (U. N. B.), *Statistical Assistant in Epidemiology*, 22 Wellington St.

Ruth M. Mainland, *Technical Assistant in Anatomy*.

Committee on Studies and Attendance	{	Dean Grant
		Dr. Weld, <i>Secretary</i>
		Dr. Young
		Dr. Smith
		Dr. Mainland
		Dr. W. Alan Curry
		Dr. C. W. Halland
Dr. Atlee		
Dr. G. B. Wiswell		

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

Secretary of the Faculty, Dr. Weld.

FACULTY OF DENTISTRY, 1947-48

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

Wm. W. Woodbury, B.Sc. (Dal.), D.D.S. (P. D. C.), *Professor of Orthodontics*, 216 Spring Garden Rd.

J. Stanley Ragnall, D.D.S. (Dal.), F.A.A.R.D., *Professor of Dentistry*, 78 Larch St.

John W. Deason, D.D.S. (Dal.), *Professor of Operative Dentistry, Lecturer in Materia Medica*, 201 Barrington St.

G. A. Chudleigh, D.D.S. (B. C. D. S.), *Professor of Crown and Bridge Work, General Trust Building*.

H. M. Eaton, D.D.S. (Dal.), *Professor of Radiology*, Birks Building.

O. L. Croft, D.D.S. (Tor.), *Professor of Exodontia and Anesthetics*, Roy Building.

J. Arnold Noble, O.B.E., B.A. (Acad.), M.B., Ch.B., F.R.C.S. (Edin.) *Associate Professor of Oral Surgery*, 77 Inglis St.

W. G. Dawson, D.D.S. (Dal.), *Professor of Prosthetic Dentistry*, Farquhar Building.

A. Borden Haverstock, D.D.S. (Dal.), B.Sc. (Dent.), (Tor.), *Assistant Professor of Dental Pathology and Therapeutics and Demonstrator in Pre-School Age Clinic*, Roy Building.

G. M. Dewis, D.D.S. (Dal.), *Assistant Professor of Crown and Bridge Work, and Lecturer in Dental Rintory*, 69 Gottingen St.

*C. B. H. Climo, D.D.S. (Dal.), *Lecturer in Prosthetic Dentistry*.

H. S. Crosby, D.D.S. (Dal.), *Demonstrator in Operative Infirmary and Lecturer in Dental Ethics*, 20 LeMarchant St.

I. K. Lubetsky, D.D.S. (Dal.), *Demonstrator in the Adult Clinic*, 59 Gottingen St.

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

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

F. W. Blissett, B.A., LL.B. (Dal.), *Lecturer in Dental Jurisprudence*, Page Building.

D. C. Eaton, B.A. (Acad.), D.D.S. (Dal.), *Lecturer in Operative Dentistry and Demonstrator in Operative Infirmary*.

James P. McGuigan, D.D.S. (Dal.), *Lecturer in Dental Anatomy and Comparative Dental Anatomy*, Bellevue St.

*On leave.

- P. S. Christie, D.D.S. (Dal.), *Demonstrator in Operative Infirmary.*
 S. K. Oldfield, D.D.S. (Dal.), *Demonstrator in Operative Infirmary.*
 L. J. Archibald, D.D.S. (Dal.), *Demonstrator in Operative Infirmary.*
 F. C. Fennell, D.D.S. (Dal.), *Demonstrator in Adult Clinic, 26 Quinpoel Rd.*
 J. E. Merritt, D.D.S. (Tor.), *Lecturer in Ceramics and Acrylics, General Trust Bldg.*
 D. C. Pantis, D.D.S. (Dal.), *Demonstrator in Operative Infirmary, Farquhar Bldg.*

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

Councillor on Studies and Attendance } *Dean Bagnall.*
 } *Dr. W. W. Woodbury.*
 } *Dr. J. W. Dobson.*

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

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

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

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

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

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

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

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

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

In 1912, the Faculty of Dentistry was established.

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

BENEFACTIONS

Presbyterian Church of the Lower Provinces.	1863. Per annum about	£850
<i>Support of two Professors. Withdrawn on death of first two incumbents.</i>		
Church of Scotland.	1863. Part of	£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>Towards erection of new building on</i>		
<i>Carlton Street.</i>		\$30,000
		4,000
<i>Scholarships in Arts.</i>		
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 P. 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.	1887.	1,000
<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>		

Campaign Fund.	1912.	About \$ 400,000
<i>Purchase of Stedley. Erection of new buildings. Increase of Endowment.</i>		
Andrew Carnegie.	1912. (Of above Fund)	40,000
<i>Towards the maintenance of the Science Departments.</i>		
New Glasgow Literary and Historical Society.	1912.	1,000
<i>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.	61,500
<i>Endowment of Dr. D. G. J. Campbell Memorial Chair of Anatomy.</i>		
Joseph Matheson, Lower L'Ardoles, C. E.	1915.	15,000
<i>"To be applied in such manner as to the said Governors shall appear best."</i>		
Lieut. George W. Strain.	1915.	5,000
<i>"For the good of the University."</i>		
Professor John Johnson.	1915.	Books and 1,000
<i>"For the use of the Arts Library."</i>		
John Macnab.	1916.	About 96,000
<i>"Extending and maintaining the Library."</i>		
Mr. George S. and Mrs. Campbell.	1917.	25,000
<i>Creation of "George H. Campbell Scholarship Fund."</i>		
Dr. A. Ross Hill, President, University of Missouri.	1917.	1,000
<i>Endowment "Agnes Baxter Library" Fund for Mathematics and Mathematical Physics.</i>		
Senator Wm. Dennis.	1919.	2,080
<i>For Eric Dennis Special Lectures.</i>		
Senator Wm. and Mrs. Dennis.	1918-1920.	100,000
<i>Endowment "Eric Dennis Chair of Government and Political Science."</i>		
	1920.	1,000
<i>"For the purchase of books relating to the subject of Government and Political Science."</i>		
Campaign—Centennial (not including subscriptions for specific purposes).	1920.	439,000
<i>For general purpose.</i>		
Mrs. E. E. Eddy.	1920.	300,000
<i>For the erection of a Residence for Women.</i>		
Hon. William A. Black.	1921.	60,000
<i>Endowment "William A. Black Chair of Commerce."</i>		
Mrs. Elias Stewart Strathin.	1921.	1,500
<i>Foundation "Steele Memorial Fund," for Philosophy Department of the Li vary.</i>		
Khaki University of Canada.	1921.	6,500
<i>Endowment "Khaki University and Young Men's Christian Association Memorial Scholarship Fund."</i>		
New Glasgow Relatives of Professor James Gordon MacGregor.	1922.	14,000
<i>Endowment "James Gordon MacGregor Memorial" for Teaching Fellowship in Physics and Equipment Physics Laboratory.</i>		

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

Dr. Dougald Macgillivray.	1932.	Bronze Bust of 9th Earl of Dalhousie, the work of Massey Rhind, A.R.S.A.
Halifax Visiting Dispensary.	1929 and 1932.	\$ 1,000
<i>"For the Public Health Clinic."</i>		
Estate of Dr. Elias Ritchie.	1933.	500
<i>For University Library.</i>		
Massachusetts-Halifax Health Commission.	1933.	13,589
<i>Foundation of "The Commonwealth of Massachusetts Endowment Fund."</i>		
Miss Grace D. Burris, Upper Musquodoboit, N. S.	1933.	Reversion of Estate.
<i>For Travelling Scholarships.</i>		
Emergency Committee in Aid of Displaced Foreign Physicians.	1934-1936.	1,543
O. E. Smith Trust.	1926.	20% of the Income from a Trust fund.
Estate of Mrs. Margaret F. Trueman.	1936.	1,000
<i>For expenditure on suggestions of Alumnae Association.</i>		
Estate of Mrs. E. B. Eddy.	1929-1936.	
<i>Establishment "Eddy-Shireff Foundation" for "improvement and maintenance of Shireff Hall," "to complete Shireff Hall," "toans, scholarships, or other method of assisting worthy young women."</i>		
<i>For "Eddy-Shireff Foundation" (residue).</i>		
Anonymous.	1836-1937.	60,000
<i>Hector Melnes Memorial Fund for Scholarships.</i>		
Estate of Charles M. Macdonald.	1937.	1,000
Estate of Mrs. A. I. Huddleston.	1937.	2,000
Estate of Walter A. Black.	1936.	5,000
<i>For general purposes.</i>		
Commercial Club of Halifax.	1922-1938.	3,200
<i>Scholarships.</i>		
Estate of A. M. Banks.	1926-1936.	4,560
<i>For general purposes.</i>		
Anonymous.	1933-1936.	5,000
<i>Four Scholarships in Classics and Mathematics.</i>		
Estate of Dr. J. A. Lippincott.	1939.	12,302
<i>For Department of Physics and the University Library.</i>		
Anonymous.	1939.	5,000
<i>For Medical and Dental Library Bldg.</i>		
A. B. Wiswell.	1936-1939.	1,000
<i>For Medical and Dental Library Bldg.</i>		
Junior League of Halifax.	1933-1940.	1,500
<i>For Immunization Clinics.</i>		
Lt.-Col. Sidney C. Oland, Halifax.	1933-1940.	1,020
<i>For Scholarships.</i>		

A. H. Buckley. <i>For Medical and Dental Library Bldg.</i>	1939-1940.	\$ 500
Estate of Prof. Howard Murray. <i>For improvement of Department of Classics and a scholarship in Classics.</i>	1940.	12,887
Canadian Council on Nutrition, Ottawa. <i>For nutritional survey.</i>	1940.	2,690
Estate of George S. Campbell. <i>Foundation "George S. Campbell Chair of Biology."</i>	1942.	108,173
Peter R. Jack. <i>For Medical and Dental Library Bldg.</i>	1942.	1,000
Estate of Alexander Ross. <i>For Arts and Law Libraries.</i>	1942.	about 102,000
<i>For Medical Library.</i>		500
Estate of Miss Sarah M. Lawson. <i>For a prize in Botany.</i>	1942.	8,102
Estate of William Mushkat. <i>For "Mushkat Memorial Essay Prize."</i>	1942.	1,000
Estate of Prof. K. G. T. Webster.	1943.	1,100
Estate of I. C. Stewart. <i>For scholarships.</i>	1943.	5,200
Mrs. G. M. J. MacKay, Schenectady, N. Y. <i>For Department of Chemistry.</i>	1943.	500
Miss I. C. McLennan, Montreal. <i>For purchase of books, or student aid.</i>	1944.	500
Estate of Miss Belle C. Crooks. <i>Foundation "Belle Crooks Fellowship Fund," for a Fellowship in Inorganic Chemistry.</i>	1944.	10,000
Estate of Captain David E. North. <i>For library purposes.</i>	1944.	1,000
Hon. Dr. J. C. Tory. <i>For University Library, Students' Loan Fund and Biology Department.</i>	1927-1932.	1,675
<i>For Medical and Dental Library Building.</i>	1938.	50,705
<i>For medical research.</i>	1944.	Residue of Estate.
		\$414,000
Dominion Government. <i>Special use services.</i>	1944.	42,250
Estate of Dr. J. Ross Miller. <i>For a library in the Faculty of Arts and Sciences.</i>	1945.	10,000
Rev. J. H. Kirk, Guysborough County, N. S. <i>For general purposes.</i>	1945.	1,000
Estate of Miss Elizabeth MacGregor. <i>For general purposes.</i>	1945.	1,000
Wings Club of Halifax. <i>For Scholarships.</i>	1946.	6,402
A.N.A. Club. <i>For Scholarships.</i>	1946.	624

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

Alumnus Association. <i>For Patterson Travelling Library, Furnishings, Shireff Hall, and stained glass window in memory of Mrs. Eddy.</i>	1929-1930.	\$ 509
<i>Re-decorating Women's Rooms, Forest Building and Arts Building.</i>	1923-1936.	over 6,620
Alumni Association. <i>For erection of Mecklenburg Memorial Library.</i>	1902-1914.	25,000
<i>For Biology Chair.</i>	1912-1916.	6,100
<i>Towards erection of Gymnasium.</i>	1921-1922.	9,912
<i>For the Gymnasium Fund.</i>	1934.	4,532
Alumnus and Alumni Associations. <i>Subscriptions to the Gymnasium Fund.</i>	1932-1941.	7,296
Anonymous. <i>Bursary in Arts and Science School.</i>	1940 to date.	1,048
Anonymous. <i>For Anatomy Prizes.</i>	1935 to date.	1,135
Anonymous. <i>For "Robert Macellan Scholarship."</i>	1935 to date.	600
Anonymous. <i>For general purposes.</i>	1945-1946.	4,500
Anonymous. <i>For the Department of Surgery.</i>	1941.	7,500
Anonymous. <i>For purposes to be determined by the donor.</i>	1941 to date.	62,000
Anonymous. <i>For research in Geology.</i>	1944.	10,000
Anonymous. <i>For scholarship endowment.</i>	1946 to date.	2,000
Anonymous. <i>For Scholarships, etc.</i>	\$1,000 to date.	1,500
Anonymous Gifts. <i>For general purposes.</i>	1943-1946.	57,854
	1946-1947.	10,500
Banting Research Foundation, Toronto. <i>For research in Biochemistry and Pharmacology.</i>	1940 to date.	3,238
Right Honourable Viscount Bennett, P.C. <i>Residence for the President of the University.</i>	1925.	20,000
<i>Books for the Law Library and for Shireff Hall.</i>	1921-1939.	4,500
<i>Endowment "Harry Shireff Chair of Chemical Research", Dean Weldon Chair of Law", "Viscount Bennett Chair of Law", "Mrs. E. B. Eddy Chair of Epidemiology and Nursing Education," and for general purposes.</i>	1943.	750,000
<i>Endowment for Libraries in Law and Shireff Hall.</i>	1944.	Interest on 12,000
Carnegie Corporation of New York. <i>For damage done by Explosion.</i>	1918.	About 21,000
<i>Development of Medical School.</i>	1920.	500,000
<i>For improvement of clinical facilities.</i>		
<i>Grace Maternity Hospital.</i>	1922.	50,000
<i>Fine Arts Teaching Collection.</i>	1926.	Valued at 10,000
<i>Endowment.</i>	1922.	400,000

<i>For the joint benefit of King's College and Dalhousie University.</i>		1929.	\$ 600,000
<i>For current deficits.</i>		1924-1930.	190,000
<i>For Dental Library.</i>		1929-1930.	2,000
<i>Endowment for Geology.</i>		1935.	125,000
<i>Male Research.</i>		1934.	1,500
<i>For the University Library.</i>		1932-1934.	9,000
<i>Research in Pathology.</i>		1934-1935.	4,000
<i>Professorship in German.</i>		1934-1935.	8,000
<i>Development of the Medical and Dental Library.</i>		1935.	50,000
<i>Study of Health Conditions, Isle Madame.</i>		1946.	7,000
The Caswell Co., Limited, Toronto.		1922 to date.	2,315
<i>Law Prizes.</i>			
City of Halifax.		Grant 1947-48.	10,000
<i>For Public Health Clinic.</i>			
Class Memorials.			
Class of 1897	<i>Tablet.</i>		
" " 1909	<i>For Classics Dept., Univ. Library.</i>	299.14	
" " 1910 (Low)	<i>Scholarships.</i>	502.00	
" " 1911	<i>Sliding Microtome and for Biology Dept.</i>	353.50	
" " 1911 (Low)	<i>Scholarships.</i>	150.00	
" " 1912	<i>Gateway to Studley.</i>	585.92	
" " 1913	<i>Tablet and for Students' Loan Fund.</i>	84.84	
" " 1914	<i>Tablet.</i>		
" " 1915	<i>Tablet.</i>		
" " 1916	<i>Tablet.</i>		
" " 1917	<i>Tablet.</i>		
" " 1918	<i>Tablet and for Gateway to Studley.</i>	347.00	
" " 1919	<i>For Books for Biology Dept.</i>	357.32	
" " 1921	<i>Sun-dial, Studley Campus.</i>		
" " 1922	<i>For clock for University Library.</i>	528.16	
" " 1923	<i>Tablet.</i>		
" " 1931	<i>For "Hugh Graeme Fraser Memorial" Scholarship.</i>	1,000.00	
" " 1932	<i>For "Encyclopaedia Britannica."</i>	180.35	
" " 1933	<i>For concrete walks—Studley.</i>	394.00	
" " 1935		50.00	
" " 1936	<i>Electric Clock, Arts Building.</i>		
" " 1943	<i>For concrete walks—Studley.</i>	114.95	
" " 1944	<i>For concrete walks—Studley.</i>	115.35	
" " 1945	<i>For General Reference Books, University Library.</i>	101.21	
" " 1947	<i>For concrete walks—Studley.</i>	450.00	
Copswell Library Fund.		1916 to date.	7,490
<i>For Medical Library.</i>			
Dalhousie Club of New York.		1939 to date.	4,716
<i>Scholarship endowment.</i>			709
Dalhousie Law Association.		1946.	239
<i>For Law School.</i>			
Dalhousie Loyalty Fund.			
<i>Pledges to June 30, 1947</i>		60,082	
<i>Cash received.</i>		37,306	

Dalhousie Medical Alumni Scholarship Fund		1946.	\$ 2,698
Senator W. H. Dennis.			
<i>English Prizes for Prose and Poetry.</i>		1922 to date.	15,000
<i>For Medical and Dental Library Bldg.</i>		1938.	500
Hon. Mr. Justice John Doull.			
<i>For the Law School.</i>		1937 to date.	600
<i>(For Class of 1910 (Low) Scholarships, \$346.00)</i>			
Cyrus S. Eaton, Cleveland, Ohio.		1946.	2,000
<i>For Improvement of Lawns and Grounds.</i>			
Albert S. Fraser, Montreal.		1946.	500
<i>For general purposes.</i>			
Chas. E. Frost and Company, Montreal.			
<i>For research in Biochemistry.</i>		1940 to date.	1,000
<i>For barbories in the Medical School.</i>		1945 to date.	750
Gifts obtained through Professors.			
<i>For Arts, Law, Medical and Dental Libraries.</i>		1935 to date.	2,969
Halifax County Anti-Tuberculosis League.			
<i>For B. C. G. Vaccination Research Programme.</i>			1,000
Halifax Welfare Fund.		Annual Grant.	2,500
<i>For Public Health Clinic.</i>			
Mrs. James L. Hall, Vancouver.		1938 to date.	675
<i>Scholarship in Engineering.</i>			
Hebrew Societies.		1935 to date.	3,100
<i>B'nai B'rith.</i>			
<i>Cape Breton, Western Nova Scotia, and sections of New Brunswick.</i>			
<i>For Scholarships.</i>			
Imperial Order of the Daughters of the Empire.			
<i>Arsdale Chapter.</i>		1942 to date.	200
<i>Bedford Chapter.</i>		1945 to date.	213
<i>Sir Samuel Cunard Chapter.</i>		1945 to date.	258
<i>Evangelina Chapter.</i>		1939 to date.	900
<i>H. M. S. Good Hope Chapter.</i>		1944 to date.	200
<i>Archibald MacMechan Chapter.</i>		1939 to date.	705
<i>Marion S. Morrow Chapter.</i>		1945 to date.	200
<i>Robin Hood Chapter.</i>		1945 to date.	100
<i>John Stewart Chapter.</i>		1939 to date.	925
W. K. Kellogg Foundation, Battle Creek, Michigan.			
<i>For Scholarships and Lawns.</i>		1942 to date.	16,500
<i>Faculty of Medicine.</i>			11,000
<i>Faculty of Dentistry.</i>			
Eli Lilly and Company, Indianapolis.		1943.	500
<i>For Research in Pharmacology.</i>			
Maritime Dental Supply Company, Ltd.		1927 to date.	825
<i>For Dental Prizes and the Dental Library.</i>			
John and Mary R. Markle Foundation, New York.		1944.	6,600
<i>Research work in Anatomy Department.</i>			
Dr. A. F. Miller, Kentville, N. S.		1933 to date.	530
<i>For Prizes, Faculty of Medicine.</i>			480
<i>For use of Medical School.</i>			

Dr. Wm. Inglis Morse, Cambridge, Mass.	1932-1939.	
Collection of books, bookcases, busts, maps, mahogany table, 21 mahogany chairs, pictures, safe, etc.		
For Endowment of "Morse Collection."	1935-1937.	10,000
For Medical and Dental Library Bldg.	1938.	1,000
For Prizes.	1933-1940.	2,150
For other purposes.	1932-1941.	5,054
National Research Council, Ottawa.	1940 to date.	
For research in Biochemistry.		11,549
For research in Pharmacology.		1,951
For research in Physiology.		4,971
For research in Chemistry.		8,027
For research in Zoology.		1,600
For research in Anatomy.		1,370
For research in Dentistry.		411
Newfoundland Commission of Government.	1943 to date.	25,000
For Medical and Dental Schools.		
North British Society.		
North British Society Centennial Bursary.	1868 to date.	5,640
Allen Pollak Scholarship.	1922 to date.	5,260
Nova Scotia Dental Association.	1912 to date.	
For Dental Library.		3,920
Dental Prizes.		1,550
N. S. Department of Education.	1932 to date.	\$ 2,250
For library and general purposes.		
Province of Nova Scotia.		
For Medical and Dental Schools.	Annual Grant.	40,000
For Public Health Clinic.	Annual Grant.	5,000
Provincial Medical Board.	1941 to date.	1,131
For "MacDougal Memorial Library."		
Rockefeller Foundation, New York.	1920.	500,000
Development of the Medical School.		
For improvement of clinical facilities	1922.	50,000
Green Malaria Hospital.	1923-1929.	9,197
For teaching of Hygiene.	1927-1939.	10,000
For study of Morbidity in New Scotia.		
For study of the impact of the war on the economy of the Maritime Provinces.	1933-1941.	65,000
Department of Epidemiology.		
For training and research in Public Administration.	1936-1943.	80,000
For development of teaching in Psychiatry (over a six-year period).	1941-1947.	34,500
For adequate teaching facilities for medical students, Victoria General Hospital.	1945-1947.	150,000
Rotary Club of Halifax.	1945.	3,000
For Department of Psychiatry.		
Swift Canadian Company Limited, Toronto.	1945.	2,400
For Fellowship in Nutrition, Department of Biochemistry.		
Weldon Memorial Fund		
Endowment (in addition to Lord Bennett's Contribution)	1928 to date.	15,808

MUNRO DAY

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

FACULTIES AND AFFILIATIONS

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

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

The Faculty of Medicine was established in 1868 and was affiliated for many years with the Halifax Medical College. Since 1911 the University has assumed responsibility for a full curriculum. The medical buildings are on the East Campus in close proximity to the teaching hospital.

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

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

Since 1928 Dalhousie University has co-operated with the Fisheries Research Board in a course leading to degrees in Fisheries. Three courses are now graduate in character, the instruction involved being given by the staffs of Dalhousie and of the Board.

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

CONSTITUTION

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

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

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

DEGREES AND COURSES

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

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

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

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

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

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

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

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

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

PRIVILEGES OF DALHOUSIE STUDENTS IN OTHER INSTITUTIONS

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

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

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

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

Graduates of this University in Medicine and Surgery who hold the Licence of the Provincial Medical Board may, on application, be placed on the Colonial List of the British Medical Register. The Medical School is rated Class A by the Council on Medical Education and Hospitals of the American Medical Association and is also a member of the Association of American Medical Colleges. Graduates enjoy all the privileges which these affiliations confer.

AFFILIATED INSTITUTIONS

Pine Hill Divinity Hall

Principal Rev. C. M. Nicholson, B.A., LL.D.

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

Prince of Wales College

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

Students who have completed the regular four-year course at Prince of Wales College, Charlottetown, Prince Edward Island, and who have graduated with standing equivalent to a High Honor Diploma, are admitted to the Arts and Science course without further examination, and may receive credit in classes of the first and second years to a maximum of ten. See also page 27.

Memorial University College

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

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

Halifax Conservatory of Music

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

The Maritime College of Pharmacy

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

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

Halifax Ladies College

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

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

Convent of the Sacred Heart

Mother Superior..... Reverend Mother Murphy.

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

EQUIPMENT

Libraries

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

The University Library was instituted in 1867, as the result of an appeal made by the Rev. George M. Grant at Convocation. It contains 75,967 catalogued volumes, and other books and manuscripts.

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

The Law Library contains about 15,000 volumes, including all the law reports which a student will find it necessary to consult.

The Medical Library may be said to have begun with an endowment of £1,000 from Dr. C. Cogswell. For many years it has received all the leading medical periodicals published in Europe and America. The Library is in charge of a trained medical librarian, and is open to all registered students, and to the practicing physicians in the Maritime Provinces. The new Medical and Dental Library building completed in the spring of 1939 stands on the Forrest campus. It was built after consultation with several of the most eminent medical librarians in America and in every way is fitted for the purpose it serves.

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

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

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

THE MUSEUM

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

The Thomas McCulloch Collection was begun by Dr. McCulloch, first President of Dalhousie. The greater part of it was collected by his son, Thomas, who was Professor of Natural Philosophy from 1853 until his death in 1865. His brother, Rev. William McCulloch, D.D., of Truro, bequeathed it to the University along with a sum of \$1,000 to form a fund for its maintenance. It contains a large and valuable collection of birds, especially native species of the Maritime Provinces, besides many mineral, rock and fossil specimens, shells of mollusca, Indian implements, etc. The fossil specimens include a collection of European erasmosens fossils and of carboniferous fossils, chiefly Nova Scotian. The collection of birds is supplemented by the valuable collection made by Col. T. J. Egan, of Halifax, containing thirty cases of native birds.

The Honeyman Collection consists of the extensive geological collection made by the Rev. David Honeyman, D.C.L., F.R.S., 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, Stedley, contains the laboratories conducted by the Departments of Physics and Chemistry.

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

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

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

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

GENERAL UNIVERSITY REGULATIONS†

Registration

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

STUDENTS' HEALTH SERVICE

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

2. The Service provides for the following:

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

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

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

(g) Hospitalization:

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

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

3. The Service does not provide for the following:

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

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

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

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

Physical Training

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

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

Tutors

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

Residence

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

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

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

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

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

Church Attendance

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

Discipline

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

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

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

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

Non-Academic Student Activities

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

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

University Library

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

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

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

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

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

Loan Funds

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

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

The Alumnae Association Loan Fund is available to women students who have attended the University for two years. A final year student may be granted a maximum of \$200, provided

that a previous loan has not exceeded \$100. A total of all sums advanced to any student shall not exceed \$300. The terms of loan are subject to change. Applications should be sent in as early as possible. Apply to Mrs. F. H. Pond, 18 Oakland Road, Halifax.

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

The Kellogg Foundation Loan Fund

A scholarship and loan fund, established through the generosity of the W. K. Kellogg Foundation in 1942, who gave a total of \$16,500.00 to the Medical School to help medical students through the accelerated years. Most of this gift was used for scholarships, but approximately \$4,000.00 was set aside as a loan fund. Loans will bear interest at the rate of 2½% and will mature one year after graduation of the student's class.

Any student in need may apply for help from this fund. Applications should be made in writing to the Dean of Medicine.

Employment Bureau

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

The qualifications for recommendation to employers are:

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

The Bureau invites communications from both students and employers.

Caution Deposit

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

Laboratory Deposits

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

Unclaimed Deposits

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

Articles Lost and Found

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

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

Fee for Support of Student Organizations

At the request of the student body, as expressed by a ballot taken on the question and presented through the Council of the Students, a fee of \$16.00 is collected on registration from each student who takes more than two classes. This fee entitles the student to the privileges of any or all of the following student organizations: Dalhousie Amateur Athletic Club, Dalhousie Girls' Athletic Club, Delta Gamma Society (girls), Dalhousie Glee and Dramatic Club, Sodales Society, Dalhousie Band, and to a copy of the Dalhousie Gazette and the Year Book *Pharos*. This fee also entitles the student to participate in the general student activities sponsored directly by the Council of the Students.

A student taking fewer than three classes and desiring to take part in one or more of the above organizations must pay this fee.

Candidates for the degree of Master of Arts or Master of Science whose course will extend over more than one session are required to pay the regular Students' Council fee, during their second session, as for the first, if they wish to participate in the privileges outlined above.

Academic Costume

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

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

B.A.—White silk bordered with white fur.

M.A.—Crimson silk.

B.Sc.—White silk bordered with scarlet silk.

M.Sc.—Scarlet silk.

B.Com.—White silk bordered with light blue silk.

B.Mus.—White silk bordered with lavender silk.

LL.B.—White silk bordered with gold coloured silk.

M.D., C.M.—Scarlet silk bordered with white silk.

D.D.S.—Scarlet silk bordered with gold coloured silk.

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

Conferring of Degrees

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

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

ADMISSION TO VARIOUS FACULTIES

The attention of students entering the Faculty of Arts and Science for the first time, whether in the First or Second year, is called to the fact that registration for such students takes place on September 27 and 28.

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

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

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

For details of admission to the professional courses, see pages

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

Entrance Requirements

To be admitted to a regular course leading to a degree in Arts or Science or Commerce, a student must have credit for seven subjects of Junior Matriculation (see pp. 26, 27) in (1) English, (2) Algebra, (3) Geometry, (4) and (5) any two from History, Physics, Chemistry, Biology, Geology, Trigonometry, Latin, Greek, French, German, Spanish, Russian, (6) and (7) two foreign languages.

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

For a degree in **Arts** one matriculation language must be Latin or Greek; for **Science** one must be French or German; and for **Commerce** one must be French or German or Spanish.

For B.Mus.:

(1) English; (2) French; (3) German; (4) Algebra; (5) Geometry; (6) †Music; (7) One other subject.

For information regarding the Course in Music see page

For LL.B.:

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

For further information, see pages 103ff.

For M.D.,C.M.:

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

For further information, see pages 118ff.

For D.D.S.:

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

For B.Sc. (Pharmacy):

As for B.A. or B.Sc..

For B.Ed.:

As for Diploma in Education, see page 26.

† See page 27.

Diploma Courses

Matriculation requirements for the Diploma Courses are as follows:

Diploma in Engineering:

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

For information regarding the course in Engineering, see pages 80 and 81, and time table inside back cover.

Diploma of Licentiate of Music:

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

Diploma in Pharmacy:

Complete matriculation in Arts or Science. See page 42.

Diploma in Education:

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

Diploma in Food Technology:

This course is taken in conjunction with a B.Sc. degree but requires one extra year. For further information see pages 44 and 45.

Subjects of Matriculation

The Matriculation examinations will be held at the University from September 23 to 29, 1948. For the time table of the examinations, see page vi. Papers of three hours each will be offered on request in the following subjects*:

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

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

Students who intend to write any of these examinations must apply to the Registrars Office before September 20, 1948.

*See page 27.

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

Application for examination at an outside centre should be made one month earlier, and permission will be granted only in exceptional circumstances. (See p. 63).

Requirements in Various Subjects

Candidates are expected to be prepared in the following requirements:

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

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

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

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

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

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

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

Greek.—As under Latin.

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

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

The book prescribed is: Wolskel: *Third Year Latin*; pp. 1-24 (Cicero: *First Oration against Catiline*); pp. 213-238 (Selections from Ovid); pp. 132-156 (Miscellaneous).

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

French.—As for Grade XI Provincial Examinations in Nova Scotia. Texts at present prescribed are: M. Donde: *Modern French Course*, Lessons 31 to 50. Ferret: *French Poetry*, Selections 36 to 70. Manley: *Eight French Stories* (omitting the eighth story). Morneau: *Les Deux Sœurs*; Bernard: *L'Anglais tel qu'on le parle*. Equivalent work will be accepted.

Candidates will be expected to show a knowledge of the fundamentals of French grammar including the full conjugation of regular verbs and of

the principal irregular verbs and of the use of the principal parts of speech. Ability to translate simple texts from French into English will be required.

German.—R. J. Vos: *Essentials of German*, Lessons 14-20. Reading from Knottner: *Essel und die Dreierlein*, and A. Wilhelm: *Rieser Mass Heirats*, excerpted. Equivalent work will be accepted.

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

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

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

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

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

Certificates Exempting from Examination

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

- Certificates of the Common Examining Board of the Maritime Provinces and Newfoundland.
 - High School Provincial or "Accredited" School Certificates of Grades XI or XII of Nova Scotia, issued by the Department of Education of the Province of Nova Scotia.
- The pass mark on Grade XI is 50%. Marks of 40% or over on Grade XII subjects may be counted as equivalent to passes in corresponding Grade XI subjects.
- Equivalent Certificates issued by Education Departments of other Provinces.
 - Second Year Certificates issued by Prince of Wales College, Charlottetown, Prince Edward Island.
 - Certificates of Matriculation Examinations taken at recognized Universities.
 - Certificates similar to the above issued by University or other official examining bodies, when found adequate.

ADMISSION WITH ADVANCED STANDING On Grade XII Certificates

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

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

The certificates to which these provisions apply are the following:

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

Students having credit for at least four of these classes will be given an opportunity to complete a course for a degree in three years, but it should be noted that only students of superior ability can do this. A candidate from Nova Scotia will be allowed supplemental examinations in the subjects required to complete five classes provided that the certificate shows a mark of at least 30 per cent in such subjects and that the candidate has credit for the corresponding matriculation subjects. No degree credit will be given for certificates obtained after a student has been registered in the University.

Admission ad Eundem Statum

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

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

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

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

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

Admission ad Eundem Gradum

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

Faculty of Arts and Science

The Academic Year begins September 27, 1948, and ends May 17, 1949.

For General University Regulations (V. p. 16, et seq.)

GENERAL FACULTY REGULATIONS

Admission to Classes

1. No Undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications (see p. 24 et seq.).
2. The list of classes which a student may take should include all possible required classes, before any elective is added, but candidates for admission to Honour courses may have this rule modified on application to the Committee on Studies.
3. Five classes shall be regarded as constituting a normal year's work for a student in good standing.
4. Any student, who at the Christmas examinations has not shown reasonable proficiency, may, at the discretion of the Faculty, be required to discontinue attendance at the University for the remainder of the session. Fees will not be reimbursed to such students.

Class Work and Attendance

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

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

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

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

Examinations

Sessional and Class Examinations

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

Class Lists

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

Supplemental and Special Examinations

A student who fails to secure a position on the Pass List in a class, but who has otherwise fulfilled the requirements in class work stated on page 30, may be allowed the Supplemental examination in that class at the beginning of the next session of his attendance, on the day appointed in the University Almanac, provided that no student may write more than three supplemental examinations or an examination in any class in which he obtained a final mark below 25%. A student who fails to write or to pass the Supplemental examination can obtain credit for this class only by passing a Special* examination.

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

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

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

A student wishing to appear as a candidate at a Supplemental or Special examination shall be required to give notice of his intention to the Secretary of the Committee on Studies and Attendance on or before August 16, the fee (see p. 63) to be remitted with the notice.

Degrees and Courses

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

A course in Engineering, extending over three years, is prescribed for students who look forward to completing a course in Civil, Chemical, Mechanical, Electrical, Metallurgical or Mining Engineering at the Nova Scotia Technical College, or other technical institution. A diploma is given for successful completion of this course. The University provides courses required for the diplomas in Education, in Mining Geology, in Food Technology, and for the diploma in Pharmacy issued by the Maritime College of Pharmacy. (See p. 42).

The courses for the degrees of Bachelor of Arts and of Science extend over four years. Candidates for these degrees may either follow the corresponding Ordinary course, or, if they have obtained a sufficiently high standing in the work of the first two years, may in their third year enter upon a course leading to the degree of Bachelor of Arts or of Science with Honours. (See pp. 37-39).

The course of study for the degree of Bachelor of Science and for a diploma in Mining Geology extends over four years from Grade XII. (See pp. 35-36 and 44).

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. 47-48).

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

The course of study for the diploma of Licentiate of Music extends over two years, and that for the degree of Bachelor of Music over four years. (See pp. 40-41).

Ordinary Course for Bachelor of Arts

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

- (i) Two classes in either Greek or Latin.
- (ii) One class in one, not already chosen, of the following languages: Greek, Latin, French, German, Spanish, Hebrew, Russian, Italian.

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

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

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

Lists of the classes chosen by students must be submitted to the Registrar's Office for approval not later than Wednesday, October 13, 1948.

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

Order of Classes

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

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

First Year

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

Second Year

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

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

Third and Fourth Years

The remaining ten elective classes from the subjects specified on pp. 32-33.

AFFILIATED COURSES

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

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

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

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

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

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

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

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

Ordinary Course for Bachelor of Science

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

- (i) Two classes in English. Two classes in French or German, or one class in each.
- (ii) One in each of the following: Mathematics, Physics, Chemistry, Geology or Biology.
- (iii) One class selected from the departments of English, Foreign Languages, History, Economics, Political Science and Philosophy.
- (iv) Seven other classes, in not more than three of the departments of Science and Mathematics.
- (v) Four elective classes. Drawing 1 may be substituted for one of these classes, and any one of the affiliated groups* on page 36 may be substituted for any three.

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

Lists of the elective classes chosen by students must be submitted for approval not later than Wednesday, October 13, 1948.

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 Honours Course or wish to be eligible for first or second year Scholarships, should consult the Registrar early in their course about the right order of classes for the purpose.

First Year

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

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

Second Year

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

Third and Fourth Years

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

Affiliated Courses

- A. Engineering.**—Drawing 2 and 3, Surveying 2, Mechanics 3 and 4. (Students in Chemical Engineering may count Drawing 2 and Mechanics 4 as equivalent to one Arts elective.)
- B. Medicine and Dentistry.**—The classes of the first year.
- C. Pharmacy.**—The classes in Pharmacy, Materia Medica and Dispensing given by the Maritime College of Pharmacy.

Course for Bachelor of Commerce*

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

- (i) Two classes in English.
- (ii) History 1, Mathematics 1, a Science class, a class in a Modern Language.
- (iii) One class from the courses of instruction offered in the Faculty of Law.
- (iv) Economics 1, Economics 3 and Economics 11.
- (v) Commerce 1, Commerce 2 and Commerce 4.
- (vi) Seven other classes as directed by the Head of the Department of Commerce or selected with his approval.

Affiliated Course

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

*See p. 72.

Order of Classes

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

First year—English 1, Mathematics 1, Economics 1, French 1 or German 1 or Spanish 1, Commerce 4.

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

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

Honour Courses

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

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

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

3. To obtain Honours, a student must:

- (a) observe the rules for the ordinary B.A. or B.Sc. degree as laid down in the Calendar, (pp. 32, 35) except that in special cases, on recommendation of the department concerned, the Committee on Studies may allow the substitution of an advanced class in one of the sciences for the imperative in another.
- (b) take at least five advanced classes prescribed by the department in which he is taking Honours;

- (c) take two additional or special classes—one in the third year and one in the fourth year in the department in which he is doing his Honour work. (These classes shall be primarily for Honour students and may be given in any way that the department may decide). This means that twenty-two classes are needed for the B.A. degree with Honours;
- (d) pass a comprehensive examination covering his Honour work at the end of his course;
- (e) make an average of not less than 65 in all his Honour classes. (This includes the five advanced classes, the two additional classes and the comprehensive examination at the end).
4. In order to obtain *First Class Honours* a student must pass his Honour classes, as above in 3 (c), with an average of at least 80.
5. A degree with Honours may be obtained in the following departments:

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

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

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

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

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

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

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

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

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

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

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

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

Philosophy. Preliminary Class—Philosophy 1.

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

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

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

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

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

Those interested should consult the Instructor in Public Administration.

OTHER COURSES**Course for Bachelor of Music**

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

Candidates for the degree may be students of the piano-forte, organ, violin or voice.

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

First Year

1. Harmony in not more than four parts.
2. Analysis of Form.
3. Strict Counterpoint in two and three parts.
4. History of Music.
5. Practical Music.
6. English I.
7. French I.

Second Year

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

Third Year

1. Harmony in not more than five parts, including writing for strings.
2. Counterpoint in not more than five parts (Simple and Combined).
3. Double Counterpoint at the octave and fifteenth; Canon and Imitation in two parts; Fugue as far as Exposition.
4. Orchestration, elementary and Form.
5. Acoustics.
6. *Practical Music.

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

Fourth Year

1. Double Counterpoint; Canon and Imitation: Fugue in not more than four parts.
2. Form, including Analysis of at least two Full Scores of different type.
3. Orchestration.
4. Three Exercises composed by the candidate:
 - (a) A solo song with piano-forte accompaniment.
 - (b) A four-part vocal composition.
 - (c) An instrumental composition (other than a dance) for piano-forte, organ or a stringed or wind instrument with piano-forte accompaniment.

The Practical Tests are held only at the time of the corresponding examinations, and an application for examinations is considered as an application for the practical tests also.

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

Owing to the affiliation of the Halifax Conservatory of Music with the University, the work and examinations in Theory and Practical Music taught at that institution will be accepted on the degree course.

Diploma of Licentiate of Music

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

General Regulations for Courses in Music

Candidates presenting certificates from recognized institutions showing that they have completed satisfactorily the work, or the equivalent, of the first year at this University, may receive exemption from corresponding examinations and practical tests of that year.

Candidates for any examination must make application to the Secretary of the Faculty of Arts and Science not later than March 31, the application being accompanied by the proper fee (see p. 63) and by certificates of having attended approved courses of instruction in the professional subjects of the examinations and of having satisfactorily completed the work of such courses.

Courses in Pharmacy

Degree Course

Students of Pharmacy may obtain the degree of B.Sc. (Pharmacy) by taking certain required classes in the Faculty of Arts and Science in addition to the classes in the purely professional subjects. (See p. 35). The Degree Course is particularly desirable for students preparing themselves for specialized pharmaceutical work or for post-graduate study.

Other Pharmacy Courses

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

The Elementary Pharmacy Course also prepares the student for the Certified Clerks' Examinations of the New Brunswick and Nova Scotia Pharmaceutical Societies. This Course begins the first week in September, 1948.

The Diploma Course begins on Thursday, September 30, 1948, and ends with the University session. The matriculation requirements are the same as those for the B.A. or B.Sc. degree, including Latin. (See p. 24).

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

For the calendar of The College and for all information, address the Maritime College of Pharmacy, Medical Sciences Building, College Street, Halifax, N. S.

Diploma in Education

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

By arrangement with the Nova Scotia Department of Education, graduates in Arts or Science who have completed the course leading to a Diploma in Education subsequent to receiving their degree in Arts or Science may receive a permanent High School Class Licence to teach in any public school in Nova Scotia. This course, or its equivalent at another College or University recognized by the Provincial Department of Educa-

tion, must be satisfactorily completed by any university graduate who wishes to teach in the public schools of Nova Scotia, and qualifies him for a position in any high school receiving government grants. Mastery of the content of this course is a necessary step toward securing the Academic Licence.

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

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

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

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

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

Degree of Bachelor of Education

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

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

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

Course in Mining Geology

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

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

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

Course in Food Technology

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

A. Required Classes

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

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

Dalhousie Classes:

- (xi) Botany 3 or Zoology 2.
- (xii) Chemistry 7 or Biochemistry 2.
- (xiii) Another class in Science or Mathematics.
Nova Scotia Technical College Classes:
- (xiv) Electrical Engineering Practice and Laboratory 218, 219, 256 and 257.
- (xv) Strength of Materials and Elements of Structures 102, 103 and 105.
- (xvi) Machine Design Theory and Machine Shop 330, 331, 332 and 342.
- (xvii) Steam Power Plants and Heat Engines 305 and 367.
- (xviii) Heating and Ventilation 322 and 323.
- (xvix) Physical Chemistry 701 and 702.

Uniform Course in Engineering

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

For admission see Matriculation requirements, page 25.

The Course is one requiring three years, namely:

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

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

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

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

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

Engineering students may obtain the degree of B.Sc. by taking certain Arts classes in addition to those specified above, see p. 35.

Chemical and Metallurgical Engineering

A three year course is given for students looking forward to a degree in Chemical or Metallurgical Engineering. It covers the requirements for a degree from the Nova Scotia Technical College. A Diploma is given for successful completion of the course, which is as follows:

First Year—English 1A, Mathematics 1, Chemistry 1, Drawing 1, Surveying 1, Geology 1, Mathematics 1 Problems.

The Surveying Camp is to be taken between First and Second Years.

Second Year—English 1 or 2, Mathematics 2, Physics 2, Drawing 2, Economics 1A, Chemistry 3, French 1*.

Third Year—Mathematics 3A, Physics 3, Mechanics 2, 4, Chemistry 4, 7, German A*.

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

The time-table for the course is available in the Department.

Master of Arts and Master of Science

The requirements for admission to a course leading to the degrees of Master of Arts and Master of Science are as follows:

1. The candidate must hold the corresponding Bachelor's degree from a College or University recognized by the Senate for the purpose.
2. At least four undergraduate classes, or their equivalent, must already have been completed in the main subject offered and with an average mark of 65.
3. The approval of the course by the department in which the candidate proposes to do his work and the approval of the Faculty of Arts and Science must have been secured.

The student shall make application for admission to a Master's Course on the regular form obtainable from the Registrar's Office. He shall then submit the form, duly completed and accompanied by an official transcript of his undergraduate record, to the secretary of the committee on Honours and Graduate Studies, c/o the Registrar's Office.

The course of study shall consist of work in advance of that given in the ordinary undergraduate classes and shall be confined to one subject or two closely related subjects but some of the more advanced undergraduate classes may be part of it, provided that these have not been part of the work of the candidate for the Bachelor's degree. The course shall not be less than the equivalent of five advanced classes and in all cases a thesis shall be required. The thesis may count as much as three-fifths of the course in the case of students holding an Honours degree but in all other cases it shall count as one-fifth or two-fifths of the course as the department concerned may decide.

*Only one of French 1 or German A is required, the latter being preferred.

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

Students holding a Bachelor's degree with Honours or its equivalent may write examinations for the Master's degree at the end of one academic year, providing full time has been devoted to the course of study. In the case of all others, at least twelve months must elapse from the time that they are admitted to the course before they are eligible to write the examinations.

Examinations for Master of Arts and Master of Science degrees shall be held during the regular Spring or Autumn examination period. They shall cover the whole of the Master's work and the pass mark on each examination shall be 65. A student failing in one examination is required to repeat all examinations. Candidates must give one month's notice to the office of the Registrar of their intention to appear for examination and include the fee with the notice.

Note: Students who are not graduates of Dalhousie University ought to write to the Secretary of the Committee on Honours and Graduate Studies for further information on admission requirements.

Course in Fisheries

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

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

SCHOLARSHIPS AND PRIZES

Scholarships are awarded strictly on merit.

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

Any Scholarship winner, who can afford to do so, is invited to resign all or part of the financial emoluments. He will still be styled the winner of the Scholarship during its tenure. This arrangement increases the value of the Scholarships Fund, as it would enable other students of scholarly attainments to attend the University.

OPEN TO STUDENTS IN ARTS AND SCIENCE
ENTRANCE SCHOLARSHIPS

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

- Twenty-four scholarships, each of a maximum value of \$600, (\$150 per year) will be offered to properly qualified students who enter the University in 1948.
- Selection of scholars shall be made on the following basis:
 - The record of marks made in the Grade X quarterly and final examinations and the quarterly examinations of Grade XI which are available; in the case of Grade XII students on the Grade XI certificate and the quarterly examinations during the Grade XII course. Candidates from a Junior College should submit an official transcript of their record.
 - A letter of recommendation from the Principal of the school or college.
- In order to hold a scholarship:
 - Candidates must in the same year in which the selection is made, produce a complete matriculation certificate, which must show an average of 65% in the seven required subjects with no mark below 50%. (For matriculation requirements, see p. 24).
 - All scholars shall register for the degree of B.A., B.Sc., or B.Com. in October, 1948.
 - Scholarship shall be relinquished if the holder fails to achieve scholarships standing in the university classes taken in any year.

Applications must be made on the proper forms which can be obtained from the Principal of the High Schools, or from the Registrar, Dalhousie University, and are to be returned to the Registrar before May 15, 1949.

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

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

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

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

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

The Mackenzie Bursary Fund.—Mrs. Harriet Mackenzie Merriem, 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.

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

The George H. Campbell Memorial Scholarships Fund.—In 1917 Mr. and Mrs. George S. Campbell gave the University the sum of \$25,000 to commemorate their only son, George Henderson Campbell, B.A. '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 \$67,500 by Robert Bruce of Quebec, to be used for Scholarships and Bursaries.

The Hector McLennan Memorial Scholarship Fund.—During the last year of his life, the late Hector McLennan gave \$10,000 by an annuity to commemorate his wife, the Dalhousie Entrance Scholarships. The money was to be used for that purpose.

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

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

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

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

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

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

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

The I. C. Stewart Fund.—Under the will of the late Mr. I. C. Stewart of Halifax, funds have been made available "to establish an annual scholarship to be awarded to a boy or girl born and resident in the district of St. Mary's in the County of Guysborough, Nova Scotia, in order that he or she may attend Dalhousie University for the purpose of receiving a college education." "In considering applications for such scholarship, regard shall be had to the moral worthiness and strength of character of applicants as well as to their high academic qualifications." Applications from qualified students may be sent to the Registrar.

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

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

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

First Year Scholarships and Prizes

These Scholarships are three in number, as follows:

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

They are open only to Undergraduates who are just completing the first year of the course in Arts or Science, and are tenable for one year (except the Bruce Scholarship) and are payable in two equal instalments, on October 15 and February 1, the latter payment being conditional on the scholar having made satisfactory progress in his classes. They are awarded on the results of the Seasonal Examination returns in courses recommended for first year students (see pages 34-35).

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

Second Year Scholarships and Prizes

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

The North British Society Centennial Bursary.^{***}—A Bursary of the annual value of \$100, founded by the North British Society of Halifax, will be awarded biennially. Candidates must be undergraduates in a course in Arts or Science who are just completing two†† years of residence, and must satisfy the test of racial eligibility for membership in the North British Society. The Bursary will be awarded to the candidate standing highest in the examinations in any five classes which constitute a normal^{**} second year course in Arts or Science. It is tenable for two years, namely, during the third and fourth years of residence. The next award will be made in May, 1930.

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

^{††}Preference will be given to students of Scottish extraction.

^{‡‡}See page 34.

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

^{†††}For students who have been admitted by certificate to the second year read "one" for "two".

The Jotham Blanehard 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 Blanehard, 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, 1949.

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

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

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

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

The Howard Murray Prize in Classics.—This is of the value of \$20 and is awarded annually to the student of the highest standing who is admitted to an Honour Course in the Department of Classics at the commencement of the regular third year.

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

Third Year Scholarships and Prizes

The Khaki University Scholarships.—From the Khaki University and Young Men's Christian Association Scholarship Fund, amounting to \$6,600, which was received from the trustees of the Khaki University, Scholarships of the value of \$750 each, two in number, will be awarded, usually to third year students in Arts and Science, to be held during their fourth year. The award is based on scholastic attainments but preference is given to children of men and women who served overseas.

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

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

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

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

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

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

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

Third and Fourth Year Scholarships and Prizes

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

The Archibald MacMechan Scholarship in English.—In 1939 the Archibald MacMechan Chapter of the I.O.D.E. offered the University a Scholarship from the interest on funds contributed by former students in memory of Dr. Archibald MacMechan (1862-1933), Head of the Department of English from 1899 to 1932. When the desired capital sum is complete it will be handed to the University as a permanent endowment of the scholarship. In the meantime, the Chapter is providing from a trust fund an annual scholarship of the present value of \$200.

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

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

Other Undergraduate Scholarships and Prizes

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

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

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

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

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

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

The Sarah M. Lawson Scholarship in Botany.—This scholarship of approximately \$350 is offered annually to students who have shown special ability in Botany and intend to continue at Dalhousie with further study in the field. Preference will be given to graduating students who are looking forward to the Master's degree or to those entering the final year of an Honour Course. Applications will be received by the Head of the Department of Biology before April 1.

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

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

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

Final B'rich Prizes.—Two prizes of \$25 each, one for the student standing highest in Biology I, and one for the student standing highest in Zoology 2, provided the student is recommended by the Department.

The A. N. A. Club Scholarship.—Through the generosity of Mrs. F. H. M. Jones the cash surplus of the A. N. A. Club was given to the University to provide scholarships for ex-servicé women. These will be offered for 1948 and, if funds remain, for 1949.

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

The Montreal Maritime Women's Club Scholarship.—A prize of \$50 awarded to a woman student who is Maritime born and a resident therein, and who is advancing from the third to the fourth year of the degree course in Arts or Science. Student must have been in attendance one year prior to award being made and have a high average in studies throughout her course. Candidate's character, personality and quality of leadership also to be considered when award made by Scholarship Committee of Board of Governors.

Graduation Medals and Prizes

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

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

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

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

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

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

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

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

OPEN TO ALL STUDENTS

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

W. H. Dennis Prizes for English Compositions

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

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

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

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

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

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

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

Rhodes Scholars may be allowed, if conditions are approved by their own College and by the Oxford Secretary to the Rhodes Trustees, either to postpone their third year, returning to Oxford for it after a period of work in their own countries, or to spend their third year in post-graduate work at any University of Great Britain, and in special cases at any University

on the continent of Europe, in the Overseas Dominions, or in the United States, but not in the country of their origin. This privilege of taking the work of the third year away from Oxford is, however, granted only in exceptional circumstances.

The stipend of a Rhodes Scholarship is fixed at £600 per year. At most colleges, and for most men, this sum is not sufficient to meet a Rhodes Scholar's necessary expenses for term-time and vacations, and Scholars who can afford to supplement it by say £50 per year from their own resources will find it advantageous to do so.

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

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

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

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

1. Literary and scholastic attainments;
2. Qualities of manhood, truth, courage, devotion to duty, sympathy, kindness, unselfishness and fellowship;
3. Exhibition of moral force of character and of instincts to lead and to take an interest in his schoolmates;
4. Physical vigour, as shown by interest in outdoor sports or in other ways.

Distinction both in character and personality and in intellect is the most important requirement for a Rhodes Scholarship, and it is upon this that Committees will insist. Success in being elected to office in student organizations may or may not be evidence of leadership in the true sense of the word. Mr. Rhodes evidently regarded leadership as consisting in moral courage and in interest in one's fellow men quite as much as in the more aggressive qualities. Physical vigour is an essential qualification for a Rhodes Scholarship but athletic skill is of less importance than the moral qualities developed in playing outdoor games. Poverty does not give a special claim to a Scholarship. The strongest candidate should be appointed regardless of his financial circumstances.

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

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

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

1851 Exhibition Science Research Scholarships.—These Scholarships of the value of £350 sterling a year (with a possible additional grant of up to £50 a year, for fees, etc.), are tenable for two, or, in rare instances, three years. Additional allowances may be granted in certain cases. They are open to students who are British subjects. A candidate must have been a student of science in a University for a period of not less than three years and must have spent one full academic year ending not more than twelve months prior to the date of recommendation at the University by which he is recommended. Candidates must have shown evidence of capacity for original research. The Scholarships are tenable at any university or other institution approved by the Commissioners. For particulars address the President.

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

OPEN TO GRADUATES

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

Canadian Federation of University Women Scholarships. The Travelling Scholarship of the Canadian Federation of University Women, value \$1,250, available for study or research work, is open to any woman holding a degree from a Canadian university, who is not more than 25 years of age at the time of award. In general, preference will be given to those candidates who have completed one or more years of graduate study and have a definite course of study or research in view. The award is based on evidence of character, intellectual achievement, and promise of success in the subject to which the candidate is devoting herself.

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

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

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

The James Gordon MacGregor Memorial Fellowship in Physics.—This Fellowship, of the value of \$600, is awarded annually to a graduate of this or other University. The holder of the Fellowship is required to give twelve hours per week to teaching work in the Department of Physics.

The Belle Crowe Fellowship.—The net income from a bequest to the University, under the will of the late Miss Belle Chisholm Crowe of Madison, Wisconsin, formerly of Truro, N. S., and a student in the University in 1883-86, is devoted to a fellowship in Inorganic Chemistry "to enable a deserving student on his graduation from the University to pursue post-graduate study in Inorganic Chemistry in Dalhousie or another university approved by the Senate or other academic governing body."

Public Administration.—Two scholarships, one of \$250 and one of \$200 may be offered for the year 1948-49 to graduates of Dalhousie or any other Canadian University for graduate study in the field of Public Administration.

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

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

- (1) Candidates may be men or women. They must be British subjects with at least five years residence in Canada, and unmarried. Each candidate must hold a degree from a recognized university or degree-granting college in Canada, and must have done or be doing post-graduate work.
- (2) In each province a Committee of Selection will award the scholarship. Other things being equal, preference will be given to a returned man, his sister, brother, son or daughter. The Committee of Selection will consider not only academic attainments and promise, but also personal character and physical fitness.
- (3) Applications for this scholarship should be sent before October 15, 1948, to Mrs. G. D. Anderson, Provincial Educational Secretary, I.O.D.E., 17 Connaught Avenue, Halifax, N. S., who will provide additional information about the scholarship.

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

National Research Council Scholarships.—Bursaries of the value of \$250 will be open to award to applicants who have graduated with high distinction in scientific study.

Studentships of the value of \$650 will be open to award to applicants who have had experience in research work in science for at least one year following graduation.

Fellowships of the value of \$750 will be open to award to applicants who have given distinct evidence of capacity to conduct independent research in science.

The Research Council has instituted Special Scholarships of two classes, to be held at the National Research Council Laboratories in special fields of research in which facilities are not available elsewhere in Canada. Class (a) consists of four Special Scholarships open to applicants who have to

their credit at least one year of post-graduate work leading to a Master's degree or equivalent, and whose applications are approved by a Canadian university. They are of the value of \$750 and tenable for twelve months. Although other departments of science are not excluded, applications in the field of engineering will receive preferred consideration. Class (b) consists of two Special Scholarships open to applicants who have completed the work of a Ph.D. and who desire to bridge the gap between their academic training and their employment in industry or elsewhere. They are of the value of \$1,500 and tenable for twelve months.

Applications for all National Research Council Scholarships must be made before March 1 in each year. Detailed information and application forms may be obtained from the Registrar.

Imperial Oil Graduate Research Fellowships.—The Imperial Oil Limited, in 1946, established for annual competition four research fellowships of the value of \$1,000.00 each (\$1,000.00 per year payable in Canadian funds for a maximum of three years), open to graduates of any approved university in Canada. These fellowships are offered for graduate work leading to a Doctor's or Master's degree in the fields of Petroleum Engineering, Petroleum Geology, Chemistry or Chemical Engineering, and Mechanical Engineering. Nomination of students for these fellowships is made by the University—such nominations being submitted to the Imperial Oil Scholarship Committee, Imperial Oil Limited, 50 Church Street, Toronto, not later than June 1st, each year. Nomination forms and information as to the terms of fellowships are available at the Registrar's office.

Aid Funds

The Elizabeth McKenna Scholarship Fund.—This Fund was instituted in 1928 by Mr. James D. McKenna, of Sussex, N. B., to commemorate the seventieth anniversary of the marriage of his parents, Peter and Elizabeth McKenna, of Dartmouth, N. S. For the present one Scholarship of the value of \$200 will be open to award. It is tenable for one year by a student intending to enter the Faculty of Arts and Science. Applicants must be bona fide residents of one of the Maritime Provinces and in need of financial assistance. Applications, accompanied by certificates showing worthiness, financial circumstances and academic qualifications, must be submitted before September 1, 1948.

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, 1948.

Harry F. Bennett Educational Fund.—This Fund has been established by subscriptions from members of the Engineering Institute of Canada, in memory of the late Harry F. Bennett, M.E.I.C. One purpose of the Fund is to make loans

For Certificates and Diplomas

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

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

See pages 20 to 22 for

Loan Funds.

Caution Deposit.

Laboratory Deposits.

Fee for support of Student Organisations.

See page 80 for

Education 3B, Travelling and living expenses.

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

†Payable before the first examination, and returnable in case of failure.

CLASSES OF INSTRUCTION

Biblical Literature.

Biochemistry: see Chemistry.

Biology.

Chemistry.

Church History: see Divinity, History.

Classics. (Greek, Latin).

Commerce.

Divinity. (Church History, Hebrew, New Testament Greek)

Drawing: see Engineering.

Economics and Sociology.

Education.

Embryology: see Biology.

Engineering classes:

Drawing.

Mechanics.

Surveying.

English Language and Literature.

Fine Arts.

French: see Modern Languages.

Geology and Mineralogy.

German: see Modern Languages.

Greek: see Classics, Divinity.

Hebrew: see Divinity.

Histology and Embryology: see Biology.

History.

Italian: see Modern Languages.

Latin: see Classics.

Law.

Mathematical Physics: see Physics.

Mathematics.

Mechanics: see Engineering.

Medicine.

Modern Languages. (French, German, Italian, Russian, Spanish)

Music.

Pharmacology: see Biology.

Philosophy. (Philosophy, Psychology).

Physics. (Physics, Mathematical Physics).

Physiology: see Biology.

Political Science.

Psychology: see Philosophy.

Russian: see Modern Languages.

Spanish: see Modern Languages.

Sociology: see Economics.

Surveying: see Engineering.

Zoology: see Biology.

CLASSES OF INSTRUCTION

Classes marked * are designed for those taking
Honours Courses.

Biblical Literature

Lecturer..... Elias Andrews.

Tu. and Th. at 3.30 p.m.

Prerequisite.—Two classes in English.

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

For reference: J. A. Bewer; *The Literature of the Old Testament*; E. F. Scott; *The Literature of the New Testament*; T. W. Manson; *A Companion to the Bible*.

Biochemistry: see Chemistry

Biology

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

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

An introductory class designed to illustrate the fundamental properties of living matter. The laboratory work consists of a study of representative plants and animals.

Botany

Professor..... Hugh P. Bell (Head of Dept.)
Assistant Professor.....

2. **General Botany.**—(1949-50). Lect.: M. and W. at 2.30 p.m. Lab.: M. and W. 3.30 to 5.30 p.m. H. P. Bell.

Prerequisite.—Biology 1.

3. **Economic Plants, Their Structure and Use.**—(1948-49). Lect.: Tu, and Th., 2.30 to 3.30 p.m. Lab.: Tu, and Th., 3.30 to 5.30 p.m. H. P. Bell.

Prerequisite.—Biology 1.

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

Prerequisite.—Biology 1.

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

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

Prerequisite.—Botany 2 or Botany 3.

Zoology

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

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

Prerequisite.—Biology 1.

3. **Invertebrate Animals, Their Structure, Life History and Parasitic Relations to Man.**—(1948-49). Lect.: M. and W. at 2.30 p.m. Lab.: M. and W., 3.30 to 5.30 p.m. D. Pelliset.

Prerequisite.—Biology 1.

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

Prerequisite.—Biology 1.

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

5. **Experimental Zoology.**—(1949-50). Lect.: Tu. and Th. at 9 a.m. Lab.: Tu. and Th., 10 a.m. to 12 m. F. R. Hayes.

Prerequisite.—Biology 1, Chemistry 1.

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

6. **Experimental Zoology.**—(1948-49). Lect.: Tu. and Th. at 9 a.m. Lab.: Tu. and Th., 10 a.m. to 12 m. F. R. Hayes.

Prerequisite.—Biology 1, Chemistry 1.

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

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

8. **Advanced Cytology.**—(1948-49). Lect.: Two hours per week. Lab.: Four hours per week. D. Pelliset.

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

Biological Seminar

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

Summer Courses

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

Histology and Embryology

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

Physiology

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

Anatomy

Anatomy 1A, given in the Medical Faculty but not qualifying for Medical degrees, may be offered as an elective in Biology. It is a course (nine hours per week) in biometry and statistical methods applied chiefly to morphological problems.

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

Chemistry

Professor.....	C. C. Coffin (Head of Dept.)
Associate Professors.....	W. J. Chute, M. R. Foran,
Assistant Professor.....	C. A. Reilly,
Lecturers.....	S. Schrage, F. L. M. Pattison,
Demonstrators.....	Rosemary Blount, F. Brodha, G. A. Daughine, A. Gordon, L. B. MacIsaac, G. N. Milford, Thom Reid, E. G. Whiteway, P. Yates.

1. General Chemistry.—Lect.: M., W. and F. at 9 a.m. Lab.: Tu., W., or Th. at 2.30 to 5.30 p.m. M. R. Foran.

Prerequisite.—Matriculation Chemistry or Physics or Mathematics. This class may be offered as a science elective for an Arts degree and must be taken by those planning to enter a sciences or professional course.

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

Prerequisite.—Chemistry 1.
Text Books: Bray and Latimer: *A Course in General Chemistry*. Chapin and Steiner: *Second Year College Chemistry*. Welch: *Intermediate Quantitative Analysis*.

The laboratory work of this class is a continuation of that of Chemistry 1 plus qualitative analysis and exercises in quantitative analysis. It is designed for those planning to enter professional courses. Those intending to continue with advanced Chemistry classes are required to take Chemistry 3.

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

Prerequisite.—Chemistry 1.
Text Books: Bray and Latimer: *A Course in General Chemistry*. Chapin and Steiner: *Second Year College Chemistry*. Latimer and Hildebrand: *Reference Book of Inorganic Chemistry*. Supplementary texts to be announced.

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

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

Prerequisite.—Chemistry 1.
Text Books: Weyrich: *Text Book of Organic Chemistry*. Adams and Johnson: *Laboratory Experiments in Organic Chemistry*.

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

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

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

Prerequisite.—Chemistry 5.
This class is restricted to those doing honours or graduate work in physical chemistry.

7. Quantitative Analysis.—Lect.: M. and W. at 11 a.m. Lab.: Six hours per week. M. R. Foran, S. Schrage.

Prerequisite.—Chemistry 3.
Text Book: Kolthoff and Sandell: *Textbook of Quantitative Inorganic Analysis*.
Lectures on the general principles of quantitative analysis and six hours of laboratory work each week.

8. Advanced Inorganic Chemistry.—Hours, texts and laboratory to be arranged. S. Schrage.

Prerequisite.—Chemistry 3 and 4.
Study of selected topics in modern inorganic chemistry.

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

Prerequisite.—Chemistry 3 and 4.
This class is a continuation of Chemistry 4. The laboratory work will consist of the identification of organic compounds.

Text Books: Weyrich: *Textbook of Organic Chemistry*. Slichter and Faxon: *Identification of Organic Compounds*. Morton: *Laboratory Technique in Organic Chemistry*.

*10. Advanced Organic Chemistry.—Two lectures and nine hour laboratory per week. W. J. Chute, F. L. M. Pattison.

Prerequisite.—Chemistry 4 and 5.
This class is restricted to those doing Honours or graduate work in Organic Chemistry.
Books Recommended: To be announced.

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

Other advanced classes may be offered during 1948-49. See the Department notice board for details.

Biochemistry

The class Biochemistry 1A given in the Faculty of Arts and Science may, with the consent of the department involved, be offered as an elective. (See page 131).

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

Classics

Professor and Head of Department..... A. K. Griffin.
Associate Professor..... C. A. Hoebuck.
Assistant Professor..... J. A. Doull.

Greek

Elementary Greek.—*M. and F.* at 10 a.m., *Tu.* at 3.30 p.m. and *Th.* at 2.30 p.m. J. A. Doull.

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

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

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

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

Prerequisite.—Matriculation Greek.

Lucian; *Vera Historia*. Euripides; *Iphigenia in Tauris*. Greek Grammar. Greek Prose. Exercises in sight translation. Greek literature.

Text Books: Lugin; *Very Elementary* (R. E. Yates, Bell). Euripides; *Iphigenia in Tauris* (Hansen, Clarendon Press). North and Hillard; *Greek Prose Compositions* (Rivington, London). Goodwin-Guthrie; *Greek Grammar* (Glencoe). *Ancient Greek Literature* (Bozma, Home University Library, G.L.P.).

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

Prerequisite.—Greek I.

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

Text Books: Plato; *Apology and Cratylus* (Adams, Camb. U. P.). Homer; *Odyssey I, XII* (Stanford, MacMillan, London). *Hellenic History* (Dobson), revised by Robinson, MacMillan, New York). Savaris (Taylor, T. Davies, London). *Greek Prose Compositions* (Rivington, London).

3. (1948-49). *M.*, *W.* and *F.* at 12 m.

Prerequisite.—Greek 2.

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

Text Books: Herodotus; *VI, VIII* (J. Strachan, MacMillan). Thucydides; *I, II* (Marchant, MacMillan). *From the Ideal Commonwealth of Plato* (Tricker, George Bell & Sons, London). Homer; *Odyssey I-XII* (Stanford, MacMillan, London).

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

Prerequisite.—Greek 2.

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

Text Books: Homer; *Iliad, Vol. I* (Mason, Camb. U. P.). Euripides; *Medea* (Barfield, MacMillan). *Electra* (Demmons, Ox. U. P.). Aristophanes; *Clouds* (Berry, Ox. U. P.).

5. (1948-49). *Hours to be arranged.*

Demosthenes; *Philippica I, III, Olynthica III*. Isocrates; *Philippica*. Plato; *Republic II-IV*. *Homer; *Iliad, XXII-XXIV*. Greek Oration.

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

Euripides; *Hippolytus*. Sophocles; *Oedipus Rex*. Aeschylus; *Prometheus Bound*. Aristophanes; *Frogs*. Greek Drama.

7. Plato; *Republic V-X* (selected). Aristotle; *Ethics* (selected). Pausanias; *Aeschylus*. Agassiz. Lyric Poetry (selected). Greek Philosophical Ideas.

8. Aristotle; *Poetics* (selected). Thucydides; *VI, VII*. Pindar; *Odes* (selected). Sophocles; *Antigone*. Greek Political Ideas.

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

Latin

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

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

Text Books: Thompson, Tracy and Deitz; *Elementary Latin* (Clark, Irwin & Co.). Cassin; *Latin War I* (Bell or MacMillan). Vergil; *Aeneid I* (Bell or MacMillan).

1. *Tu.*, *Th.*, and *S.* at 10 a.m. J. A. Doull.

Prerequisite.—Matriculation Latin.

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

Text Books: A Latin Reader (A. Petrie, Ox. U. P.). Allen and Greenough; *New Latin Grammar* (Holt, North and Hillard). *Latin Prose Compositions* (Rivington). *Latin Prose Compositions* (Green-Holde, MacMillan).

2. *M.*, *W.* and *F.* at 11 a.m. A. K. Griffin.

Prerequisite.—Latin 1.

Sallust; *Catalina*. Catullus; *Selections*. Horace; *Odes* (selected). *Vergil; *Aeneid VI*. Latin Grammar. Latin Prose. Exercises in Sight Translation. Background of Latin Life and Literature.

Text Books: Sallust; *Catalina* (Methuen, MacMillan). Catullus; *Selections* (MacMillan). Horace; *Odes and Epodes* (Dobson, Glencoe). Vergil; *Aeneid VI* (Page, MacMillan). Allen and Greenough; *New Latin Grammar* (Glencoe). North and Hillard; *Latin Prose Compositions* (Rivington). Ross (W. Ward Fowler, Home University Library, Ox. U. P.).

3. (1948-49). *Tu.*, *Th.*, and *S.* at 11 a.m.

Prerequisite.—Latin 2.

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

Text Books: Pliny: *Selected Letters* (Westcott, Allen and Bacon, New York). Juvenal: *Satires* (Graft, Camb. U.P.). *Our Hundred and Twenty Epigrams of Martial* (Westcott, Allen and Bacon, Boston).

4. (1949-50). Tu, Th, and S, at 11 a.m.

Prerequisite.—Latin 2.

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

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

5. (1948-49). Hours to be arranged. A. K. Griffin

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

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

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

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

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

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

Selections from Caesar; Gaius Wars. Wedek: Latin Authors. Latin Prose Composition and sight translation. Lectures in Roman Private Life and Government.

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

Text Books: De Bello Gallico (Robson, Ox. U.P.). Wedek: *Third Year Latin*. Rome (W. Ward Fowler, Home University Library, Ox. U.P.).

Ancient Civilization

1. Greek Political Thought. Hours to be arranged. J. A. Doull.

Prerequisite: History 1 or 2; Philosophy 1; one class in Political Science or a second class in History.

Plato's *Republic* and *Laws* and Aristotle's *Politics* will be studied in English translation.

Text Books: Plato: *Republic* (trans. by Crawford, Ox. U.P.). Plato: *Laws* (trans. by Taylor, Ox. U.P.). Aristotle: *Politics* (trans. by Barker, Ox. U.P.).

2. Classical Life and Literature.

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

Text papers and essays will be set each week.

Text Books: Homer, *Iliad and Odyssey* (Every man's Library). Vergil, *Aeneid* (Mead's Classics). Ward Fowler; Rome (Home University Library, Ox. U.P.).

Prerequisite.—Latin 1.

Honour Courses

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

1. Greek and Latin.

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

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

2. Latin.

Preliminary Classes: Latin 1 and 2.

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

3. Greek.

Preliminary Classes: Greek 1 and 2.

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

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

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

- (d) A knowledge of Ancient History and Philosophy forming the background of the works studied.

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

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

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

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

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

Commerce

Professor R. S. Cumming (Head of Dept.),
Lecturer in Accounting J. E. Lloyd.

1. Accounting 1.—*M. and P. at 2.30 p.m.*

Accounting theory and procedure relating to partnership and limited liability company accounts.

2. Accounting 2.—*M. and P. at 3.30 p.m.*

Advanced course in accounting principles and practices; internal and external auditing; application of Dominion income taxes.

3. Accounting 3.—Seminar course.—*Hours to be arranged at beginning of Session.*

Particular instruction in specialized accounting problems for students who intend to become professional accountants.

4. Business Administration.—*M., W. and P. at 11 a.m.*

Main phases of organization, management, theory and practice in the administration of personnel, market problems, finance, production and risk-bearing.

5. Marketing.—(1948-49, and in alternate years). *M. and W. at 10 a.m.*

Prerequisite.—Economics 1.

The role which marketing plays in economic society; and the analysis of marketing problems and the formulation of appropriate policies. The student will be required to investigate and report upon marketing problems of the Canadian and Maritime economy.

6. Economic Geography.—(1948-50, and in alternate years). *M. and W. at 10 a.m.*

Prerequisite.—Economics 1.

The economic and geographic factors underlying the structure of modern society, with particular emphasis upon the North American continent.

7. Modern Economic and Business History.—(1948-49, and in alternate years). *Tu. and Th. at 11 a.m.*

Prerequisite.—Economics 1.

First Term: Economic history of Europe since 1750.

Second Term: Economic History of Canada and the United States.

8. Business Investigation and Research.—(1949-50, and in alternate years). *Tu. at 4 p.m.*

Independent investigations and reports on business and economic problems.

This class will be conducted by the seminar method, and is intended for advanced students by special admission through the instructor.

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

The remaining compulsory and approved classes to be taken to complete the requirements for the degree of Bachelor of Commerce are given in other departments of the Faculty of Arts and Science. (See p. 26).

The Institutes of Chartered Accountants of Nova Scotia, New Brunswick and Prince Edward Island grant favourable exemptions to graduates in Commerce of this University who are seeking the diploma in Chartered Accountancy.

Divinity

Church History

The class and examination in Church History conducted in the Faculty of Divinity, King's College, are recognized as qualifying for a degree for those taking the affiliated course for Divinity.

Hebrew

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

New Testament Greek

Prerequisite.—Greek I.

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

Drawing: see Engineering

Economics and Sociology

Economics

Professors W. R. Maxwell (Head of Dept.), S. H. Prince,
Assistant Professor L. M. Read.

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

1A. Principles of Economics.—(For students in Engineering).—Tu, Th, and S, at 11 a.m. L. Richter.

2. Money, Banking and International Trade.—(1948-49). M, W, and F, at 9 a.m. W. R. Maxwell.

Prerequisite.—Economics 1.

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

Text Books: Hicks: *The Course of Industrial Change*; Douglas Hitchcock and Atkins: *The Worker in Modern Economic Society*; Jinks and Clark: *The Trust*.

4. Economic Theory.—(1949-50). M, and W, at 11 a.m. W. R. Maxwell.
Prerequisite.—Economics 1.

5. Programmes of Social Reconstruction.—(1949-50). Tu, and Th, at 10 a.m. L. M. Read.

Prerequisite.—Economics 1.

6. Government and Business.—(1949-50). M, and W, at 11 a.m. L. Richter.
Prerequisite.—Economics 1.

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

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

7. Industrial Relations and Social Security.—(1948-49). M, and W, at 11 a.m. L. Richter.

Prerequisite.—Economics 1.

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

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

Books Recommended: *Labour: Economics of Labour*, Yoder; *Labour Economics*, Slichter; *Union Policies and Industrial Management*, Mills; and *Management: Labour's Rights and Social Justice*, St. William Beveridge; *Social Insurance and Allied Services*.

8. Public Finance.—(1948-49). Tu, and Th, at 10 a.m. L. M. Read.

Prerequisite.—Economics 1.

9. Economic Statistics.—(1949-50). Lect.: Th, at 3.30 to 5.30 p.m. L. M. Read.
Lab.: F, 9 to 11 a.m., or M, 7.30 to 9.30 p.m.

Prerequisite.—Economics 1 and Mathematics 1.

10. Seminar.—(1948-49). Tu, and Th, at 9 a.m. W. R. Maxwell.
Prerequisite.—Economics 1 and the consent of the instructor.

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

13. The National Income and its Fluctuations.—(1948-49). Tu, 3.30 to 5.30 p.m. L. M. Read.

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

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

Sociology

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

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

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

Special reading list with assignments from works of Giddings, Cooley, Edmond, Sumner, Ross, Bogardus Ogilby, Lumbry and others.

2. The Modern Community.—(1949-50). Tu. and Th. at 2.30 p.m.

Prerequisite.—Sociology 1 or Economics 1.

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

Text Books: Ogburn and Misner: *The Community and Society*, Thompson: *Population Problems*, Elliott and Merrill: *Social Disorganization*.

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

Also topical bibliography supplied in class.

3. Social Institutions.—(1948-49). M. and W. at 12 m.

Prerequisite.—Sociology 1 or Economics 1.
The history, development and structure of the chief institutions of social life: family, school, church, shop, state, press, etc.

Text Books: Hertzler: *Social Institutions*, Suttler: *Social Institutions*, Orlin, Green and Johnson: *Classical, Middle and Modern Social Institutions of the Jewish People*, Malin-Lyart: *History of Social Development*.

4. Social Legislation.—(1948-49). Tu. and Th. at 2.30 p.m.

Prerequisite.—Sociology 1 or Economics 1.

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

Text Books: Collett: *Principles of Social Legislation*, Jenks: *Constitutional Aspects for Social Welfare*, Kilmer: *Science of Public Welfare*, Young: *Public Welfare Administration in Canada*, Sauer: *Social Insurance*, Lippman: *Public Opinion*, Stewart: *Canadian Labour Laws*.

Reference Books: Ebert: *Medicine of Law-making*, Cooley: *Legislative Experience*, *Statist* Statist of Canada.

Anthropology

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

Prerequisite.—Sociology 1 or Economics 1.

Text Books: Sillier: *Physical Anthropology*, Knutson: *Anthropology*, Winter: *Introduction to Social Anthropology*.

Reference Books: Kroeber and Waterman: *Source Book of Anthropology*, Lewis: *Primitive Society*, Tappan: *Social Origins*, Collier: *Man: Early Civilizations*.

6. Social Theory.—(1948-49). Hours to be arranged.

Prerequisite.—Sociology 1.

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

Additional readings prescribed from Giddings, Eliot, Bogardus, Bureau and other writers on historical sociology.

Public Administration.

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

Social Work

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

Education

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

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

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

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

Text Books: A. G. and G. E. Hughes: *Learning and Teaching*.

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

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

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

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

A study of modern school systems in selected countries.

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

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

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

Text Book: H. E. Garrett: *Great Experiments in Psychology*.
Books of Reference: Cyril Burt: *The Young Delinquent*, Cyril Burt: *The Educated Child*, W. McDougall: *The Emergence of Man*.

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

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

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

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

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

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

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

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

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

B. Seminar.—F., at 10 a.m.

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

Physical Education

A. Practical.—M. and F. at 9 a.m.

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

B. Theory.—Time to be arranged.

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

Embryology: see Biology

ENGINEERING CLASSES

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

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

Drawing

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

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

Text Book: French: *Engineering Drawing*.

2. Descriptive Geometry.—Lect.: Lab.: W., 2.30 to 5.30 p.m. H. R. Theakston, W. H. Bowen.
Prerequisite.—Drawing 1 (may be taken simultaneously).

Text Book: To be announced.

3. Advanced Engineering Drawing and Applied Descriptive Geometry.—F., 2.30 to 5.30 p.m. H. R. Theakston.

Prerequisite.—Drawing 1 and 2.

Reference Books: French: *Engineering Drawing*. Smith: *Practical Descriptive Geometry*.
Advanced Blue Print Reading: U.S. N.Y.

Mechanics

2. Analytical Mechanics.—M., W. and F. at 9 a.m. W. H. Bowen.
Prerequisite.—Physics 2, Mathematics 1 and 2.

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

Text Book: Brown: *Engineering Mechanics*.

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

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

Text Book: To be announced.

4. Mechanics of Machines.—Lect.: M. at 11 a.m. Lab.: W., 11 a.m. to 1 p.m. A. G. MacKenzie.

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

Text Book: Gillies: *Elementary of Machines*.

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

Text Book: Mills: *Materials of Construction*.

Surveying

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

Prerequisite.—Matriculation Mathematics.

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

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

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

Surveying Field Work Required of all Engineering Students. About three weeks immediately preceding the opening of the seasonal lectures.

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

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

English Language and Literature

Professors..... C. L. Bennet (Head of Dept.), Burns Martin.
Associate Professor..... C. L. Lamberton.*
Lecturers..... Dorren M. Alley,
Burns Martin.

English I and IA.—M., W. and F. of 12 m. D. Alley.

English I in sections, one possibly at an hour to be arranged.

Prerequisite.—Matriculation English.

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

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

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

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

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

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

Text Books: Lippmann and Nerinx: *A Modern Reader*. Bowen: *Thinking for Yourself*. Grant, Brucher, and Duff: *Conventions and Practice in Writing, Form 5*. Outside reading to be announced.

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

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

Text Books: *Harold Craig: Shakespeare (Plays and Commentary)*. Milson: *Selections* (ed. Harford). *The Pocket Bible*.

Plays for special study: *Romeo and Juliet; King Richard II; Hamlet; Cymbeline*.

For Distinction: *King Richard III; Twelfth Night; Macbeth; The Winter's Tale*. An essay to be assigned by the instructor.

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

Reference book for theme-correction: *Fontana and Steadman: Writing and Thinking*.

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

3. Middle English.—(1948-49). 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); *Piers Plowman* (B. Text; ed. Skeel); Selected readings from assigned Middle English texts.

*On leave.

4. Nineteenth Century Literature.—(1948-49). Tu. and Th. of 11 a.m. Dorren Alley.

Prerequisite.—English 2.

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

The Pre-Romantic Poets; Wordsworth; Coleridge; Shelley; Keats; Byron; Scott; Halliwell; Lamb; Goethe.

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

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

5. Nineteenth Century Literature.—(1949-50). Tu. and Th. of 11 a.m. C. L. Bennet.

Prerequisite.—English 2.

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

Text Books: Carlyle: *Seven Lectures* (ed. MacMichael); *Poetry of the Victorian Period* (ed. Woods).

Reference Books: *Salisbury: History of Nineteenth Century Literature*. *Chatterton: Victorian Literature*. *Elton: History of English Literature, 1830-1880*.

For Distinction, as in English 4.

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

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

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

Texts: *Wright: An Anglo-Saxon Reader*. Smith: *An Old English Grammar and Reader*. Night translations from early 1033.

7. Elizabethan Drama.—(1948-49). M. and W. of 9 a.m. Burns Martin.

Prerequisite.—English 2.

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

Text Book: *Harrold Spencer: Elizabethan Plays* (Hault). A complete Shakespeare; the *Katherine* edition is highly recommended.

8. Canadian and American Literature.—(1949-50). Tu. and Th. of 9 a.m. Burns Martin.

Prerequisite.—English 2.

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

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

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

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

9. Drama.—(Not given in 1948-49). C. L. Bennet.

Prerequisite.—English 2.

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

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

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

11. **Modern Poetry.**—(1948-49). *M.* and *W.* at 11 a.m. Daroon Alley.
Prerequisite.—English 2.

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

Text: *Usterhuysen: Modern British and Modern American Poetry* (two-volume ed.).

*12. **The History, Theory and Methods of Literary Criticism.**—(1948-49). *Hours to be arranged.* C. L. Bennett.
Prerequisite.—English 2.

For Honour and M.A. students: others by special permission only.
Text Books: *Subsidiary: History of English Criticism. Corel: The Theory of Poetry in Eng. lang. Richards: The Principles of Literary Criticism; Practical Criticism.*
Text: *English Critical Essays, "World's Classics,"* 245, 286, 493.

13. **The History of the English Language.**—(1949-50). *M.* and *W.* at 11 a.m. C. L. Lamberton.
Prerequisite.—English 2.

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

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

For Reference: To be assigned.

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

Prerequisite.—English 2.
Text Books: *The Oxford Book of Sixteenth Century Verse. The Oxford Book of Seventeenth Century Verse.*

15. **English Literature in the Eighteenth Century.**—(1948-49). *Tu.* and *Th.* at 9 a.m. Burns Martin.

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

Text Books: *Shepard and Wood: English Prose and Poetry, 1680-1830* (Houghton, Mifflin: Novels and plays of the period).

16. **The English Novel since 1800.** (Not given in 1948-49). *M.* and *W.* at 4.30 p.m. Burns Martin.

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

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

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

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

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

Fine Arts

Lecturer..... Donald C. Mackay.

W. and *F.* at 4.30 p.m.

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

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

French: see Modern Languages

Geology and Mineralogy

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

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

For those taking Chemical or Metallurgical Engineering this course will be abbreviated by the omission of the usual essay.

2. **Mineralogy.**—Lect.: *Th.* at 10 a.m., and another hour. *Lab.: M., Tu. and Th., 2.30 to 5.30 p.m.; at least two periods.*

Prerequisite.—Geology 1.

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

Prerequisite.—Geology 1 and 2.

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

Prerequisite.—Geology 1.

Senior Classes

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

6. **Advanced Ore-deposits.**—Conferences and Lab.: *M., a.m. and Tu., a.m. and p.m.*

Prerequisite.—Geology 1, 2, 3, 4 and 5.

7. **Special Problems.**—Hours to be arranged.

Prerequisite.—Geology 1, 2, 3, 4, 5 and 6.

8. **Experimental Geology.**—Hours to be arranged.

Prerequisite.—Geology 1.

9. **Metallurgy and Geology.**—Hours to be arranged. Alan E. Cameron.

German: see Modern Languages

Greek: see Classics, Divinity

Hebrew: see Divinity

Histology: see Biology

History

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

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

2. **Ancient History.**—(1945-50, and in alternate years). *M., W. and F., at 10 a.m.*

Prerequisite.—History 1.

3. **Modern England.**—(1948-49, and in alternate years). *M., W. and F., at 10 a.m.* A. S. Walker.

Prerequisite.—History 1.

4. **History of Europe since 1815.**—(1948-49, and in alternate years). *Tu. and Th., at 2.30 p.m.* G. E. Wilson.

Prerequisite.—Two classes in History.

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

5. **History of Europe, 1715-1815.**—(1949-50, and in alternate years). *Tu. and Th., at 2.30 p.m.* G. E. Wilson.

Prerequisite.—Two classes in History.

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

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

J. M. Thompson: *The French Revolution* and either A. Fournier: *Napoleon I* or J. B. Rose: *The Life of Napoleon I.*

6. **England under the Tudors.**—(1954-55, and in alternate years). *M. and W., at 2.30 p.m.* A. S. Walker.

Prerequisite.—Two classes in History.

7. **The Fourteenth Century.**—(1948-49, and in alternate years).
M. and W. at 2:30 p.m. A. S. Walker.

Prerequisite.—Two classes in History.

8. **History of Canada to 1837.**—(1949-50, and in alternate years).
Tu. and Th. at 10 a.m. J. P. Heisler.

Prerequisite.—History 1.

9. **History of Canada since 1837.**—(1948-49, and in alternate years).
Tu. and Th. at 10 a.m. J. P. Heisler.

Prerequisite.—History 1.

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

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

Prerequisite.—History 8 or 9.

11. **History of the United States to 1865.**—(1948-49). M., W.
and F. at 10 a.m. J. P. Heisler.

Prerequisite.—History 1.

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

Prerequisite.—History 1.

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

14. **Renaissance and Reformation.**—(1948-49). M., W. and F.
at 2:30 p.m. J. P. Heisler.

Prerequisite.—Two classes in History.

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

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

Church History: see Divinity

Latin: see Classics

LAW

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

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

Mathematical Physics: see Physics

Mathematics

Professor.....
Associate Professor.....J. G. Adahood, Charles Wainstay.
Lecturers.....H. Edwards-Davies, H. S. Hoops, I. A. MacLennan.

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

Prerequisite.—Trigonulation Algebra and Geometry.

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

Text Books: Monographed Notes.

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

C. Wainstay, H. S. Hoops, I. A. MacLennan.

Prerequisite.—Mathematics 1.

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

Text Books: Graville, Smith and Longley: *Differential and Integral Calculus* (1941), Chapters
I-XV.

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

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 integrations, gamma integrals and
differential equations.

Text Books: Graville, Smith and Longley: *Differential and Integral Calculus* (1941), Chapters
XVI-XXI. Wainstay: *Mathematical Analysis*.

4. **Geometry.**—M. and W. at 10 a.m.

H. S. Hoops.

Prerequisite.—Mathematics 2.

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

Text Books: Graville, Smith and Longley: *Differential and Integral Calculus*. *Elements
Advanced Calculus*. *Horstman and Tomason: Higher Mathematics*.

34. Tu, Th, and S. at 11 a.m.

J. G. Adahood.

Prerequisite.—Mathematics 2.

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

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

Senior Classes

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

5. Theory of Functions of a Complex Variable.—(1948-49).

C. Walsley.

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

Text Books: Titchmarsh: *Theory of Functions*. COURANT: *Course of Analysis*, I. J. KOEPEL: *Funktionentheorie*. MARSHALL: *Function of a Complex Variable*. Works by Goursat, Carathéodory, Whittaker and Watson, Poincaré, Bieberbach.

7. Theory of Functions of a Real Variable.—(1948-50).

C. Walsley.

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

Text Books: Titchmarsh: *Theory of Functions*. KOEPEL: *Elementare Reihen*. HARDY and RAGHUNATHAN: *Fourier Series*. TITCHMARSH: *Some Trigonometric*. Works by Hobson, Boole, Zygmund, Lebesgue, Borel, Hardy, Newman, Goursat.

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

J. G. Adabead.

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

Text Books: PUGH: *Differential Equations*. LACE: *Ordinary Differential Equations*. PUGH: *Linear Differential Equations*. LACE: *Differential Equations*. MARSHALL: *Spherical Harmonics*. HOBSON: *Spherical and Ellipsoidal Harmonics*. GRAY and MATHEWS: *Treatise on Bessel Functions*.

*3 and *4. These are the third and fourth year classes presented on page 38 for Honours students in Mathematics.

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

8. Projective Geometry.—

J. G. Adabead.

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

9. Differential Geometry of Curves and Surfaces.

Text Book: GRANT: *Differential Geometry*. Books of reference by Valle-Poussin, Goursat, Darboux, Eisenhart.

9. Selected topics in Modern Analysis.

10. Non-Euclidean Geometry.

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

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

Mechanics: see Engineering

Medicine

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

Modern Languages

Professors.....	Lodnar Richter, Germaine Lafeuille.
Associate Professors.....	C. H. Mercer.
Lecturers.....	Lucie Joly.
Special Lecturer.....	Johanna Richter.
Instructor in French.....	H. F. Aikens.

French

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

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

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

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

Text Books: To be announced.

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

Prerequisite.—Matriculation French.

Text Books: To be announced.

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

Prerequisite.—French I.

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

3. **Oral and Written Self-expression and practice.**—Tu. and Th. at 3.30 p.m. 1. July.

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

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

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

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

7. **Twentieth Century French Literature.**—W., F. at 10 a.m. 1. July.

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

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

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

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

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

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

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

German

A.—(1) M., W. and F. at 11 a.m.; (2) Tu., Th., S. at 10 a.m. (3) Tu., Th., S., 11 a.m. J. Richter.

For students who have not had an opportunity to complete Matriculation German in school. Students who enter this class with credit for complete matriculation including two foreign languages may count a pass as credit towards a degree.

1. Hours to be arranged. J. Richter.

Prerequisite.—Matriculation German.

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

2.—Tu., Th. and S. at 9 a.m. J. Richter.

Prerequisite.—Matriculation German.

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

Supplementary reading for Distinction will be arranged individually.

3. **Science Reading.**—T. and Th. at 12 a.m. L. Richter.

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

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

4. M., W. and F. at 10 a.m. or at hours to be arranged. J. Richter.

Prerequisite.—German 2 or equivalent.

This course should be taken by students who wish to develop ability to speak German and to understand the spoken word. A collection of short stories will be read as examples of literary movements. Short essays will be written.

Supplementary reading for Distinction will be arranged individually.

5. German Literature in the XVIIIth Century.—(1949-50). *Hours to be arranged.* J. Richter.

Prerequisite.—German 2, or equivalent.

Poetry, prose and drama will be read. Among the dramas there will be: *Lessing: Nathan der Weise. Goethe: Faust. Schiller: Wallenstein.*

Supplementary reading for Distinction will be arranged individually.

6. German Literature in the XIXth Century.—(1950-51). *Hours to be arranged.* J. Richter.

Prerequisite.—German 2, or equivalent.

Of the dramatists of that period Kleist and Heibel will be read, and of the novelists and lyricists, Heine, Storm, Raabe, Gottfried Keller, Conrad Ferdinand Meyer, Fontane. **Supplementary Reading for Distinction** will be arranged individually.

7. German Contemporary Prose.—(1948-49). *Hours to be arranged.* J. Richter.

Prerequisite.—German 2, or equivalent.

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

Supplementary Reading for Distinction will be arranged individually.

8. German Mediaeval Literature.—(1949-50). *Hours to be arranged.* J. Richter.

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

Prerequisite.—German 2, or equivalent.

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

Italian

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

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

Books to be arranged.

Russian

Elementary Russian.—*M., W. and F. at 4:30 p. m. and another hour to be decided.* I. Coffin, A. K. Griffin.

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

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

Russian I.—*Three hours a week, hours to be arranged.*

Prerequisite.—Elementary Russian.

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

Text Books: Spenscott; *A New Russian Grammar*, (J. M. Dent & Sons, London, and E. F. Dutton & Co., New York), G. Z. Petrov; *An Elementary Russian Reader, An Intermediate Russian Reader*, (Sir Isaac Pitman & Sons (Canada) Ltd.).

Scientific Russian.—*M., W. and F. at 3:30 p.m.*

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

Text Books: A grammar to be prescribed. *Elementary Scientific Exercise Reader* (Znanosny, Sir Isaac Pitman & Sons (Canada) Ltd.).

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

Spanish

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

Text Books: House and Mayo; *Shorter Spanish Grammar* (Ginn), *Forer and Lohy: Vencer a Mexico* (Heath), *Carillo and Spierman: Siglo de Oro* (Heath), *Spanish Work Book.*

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

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

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

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

Prerequisite.—Matriculation Spanish.

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

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

Prerequisite.—Spanish IA or Spanish I.

Text Books: *La Gram. Conversational Spanish* (Heath), *Castro: La Rosa Vieja* (Heath) *Castro: Algor* (Heath), *Spanish Work Book.*

3. (1948-49). *W. and F. at 4:30 p.m. C. H. Mercer.*

Prerequisite.—Spanish 2.

Text Books: Crawford; *De Vicio per Estans. Lucia: Correspondencia Comercial* (Silver, Burdett), *Witkin: A Grammar of Modern Spanish Prose. Linguistics: Conversational Course Spanish. La Prensa* (Spanish newspaper).

4. (1949-50). *W. and F. at 4:30 p.m. C. H. Mercer.*

Prerequisite.—Spanish 2.

Text Books: *Revista: Libro de Tomas Castellanos* (Heath), *Lucia: Correspondencia Comercial* (Silver, Burdett), *Leandere: Libro de Mar* (Croft), *Witkin: A Grammar of Modern Spanish* (Heath).

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

C. H. Moser.

Text Books: E. Menéndez Pidal: *Manual de gramática histórica española*. Poema de mio Cid. Clásico castellano. Madrid, 1914. *Gramática de nuestra lengua*. Clásico castellano. Madrid, 1912.

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

Music

Lecturer.....Harry Donn.

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

Music 2.—History of Music, Appreciation of Music, Public School Music. Sight-singing and Ear-training.—*Tues., Wed. and Fri. 12 a.m. to 1 p.m.*

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

Philosophy

Professors.....H. L. Stewart, F. H. Page.
Assistant Professor.....G. P. Grant.

1. Introduction Philosophy and Psychology.—*Tu., Th. and S. at 9 a.m.* G. P. Grant, F. H. Page.

Text Books: Philosophy: Livingston: *A Parvost of Sources*. *Methods: An Introduction to Philosophy*. Psychology: *Man: Psychology*.

2. Plato and Aristotle.—(1949-50). G. P. Grant.
Prerequisite.—Philosophy 1.

3. Ancient Philosophy from Aristotle to St. Augustine.—(1948-49). *Tu. and Th. at 10 a.m.* F. H. Page.
Prerequisite.—Philosophy 1.

4. Mediaeval Philosophy.—(1949-50). G. P. Grant.
Prerequisite.—Philosophy 1.

5. Modern Philosophy since Descartes.—(1948-49). *Tu. and Th. at 11 a.m.* G. P. Grant.
Prerequisite.—Philosophy 1.

6. English Philosophy in 17th and 18th Centuries.—(1949-50). *Tu. and Th. at 10 a.m.* F. H. Page.
Prerequisites.—Philosophy 1.

7. Philosophy of History.—(1948-49). *W. and F. at 11 a.m.* G. P. Grant.

This course is for general students interested in philosophy and will review the rise of modern science and the effect of that rise on the philosophic ideas of the modern world.

8. English Philosophy in 17th and 18th Centuries.—(1949-50). *Tu. and Th. at 10 a.m.* F. H. Page.
Prerequisites.—Philosophy 1.

9. Philosophy of History.—(1948-49). *W. and F. at 11 a.m.* G. P. Grant.

Prerequisite.—Philosophy 1 and a course in History.

This course is particularly for students interested in history. It will attempt to show the attitude of men in different ages to the meaning of history. It will especially concentrate on the modern philosophical syntheses of history made by Marx, Spengler and Toynbee.

8. Logic and Scientific Method.—(1949-50). G. P. Grant.

Prerequisite.—Philosophy 1.

*9. The Philosophy of Kant.—(1948-49). *W. and F. at 3.30 p.m.* G. P. Grant.

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

*10. Problems of the Self.—(1949-50). F. H. Page.

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

11. Philosophic Ideas in Literature.—(1948-49). *W. and F. at 2.30 p.m.* H. L. Stewart.

Prerequisite.—Philosophy 1 or English 1.

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

12. Philosophy of Religion.—(1948-49). *Hours to be arranged.* H. L. Stewart.

Prerequisite.—Philosophy 1.

13. Twentieth Century Philosophical Systems.—(1948-49). *Hours to be arranged.* H. L. Stewart.

Prerequisite.—Philosophy 2 or 6 or 10.

This will include study of Henri Bergson, William James, G. E. Moore and James Ward, especially in their critical relation to nineteenth century thoughts.

Psychology

Professor.....F. H. Page

1. General Psychology.—see Philosophy 1.

2. Social Psychology.—(1949-50). *M. and W. at 10 a.m.*

Prerequisite.—Philosophy 1.

Text Books: Klitberg: *Social Psychology*. Committee on the Teaching of Social Psychology of the Society for the Psychological Study of Social Issues: *Readings in Social Psychology*.

3. Child Psychology.—(1948-49). *M. and W. at 9 a.m.*

Prerequisite.—Philosophy 1.

Text Books: *Brooks: Child Psychology*. *Gessell and Ilg: Infancy and Child in the Culture of Today*. *Gessell and Ilg: The Child from Five to Ten*.

4. Abnormal Psychology.—(1948-49). *M. and W.* at 10 a.m.

Prerequisite.—Philosophy 1.

Text Books: *Mayson and Mittleman: Principles of Abnormal Psychology. Klein: Mental Hygiene, the Psychology of Personal Adjustment.***5. Problems of the Self.**—See Philosophy 10.**6. History and Systems of Psychology.**—Not given 1948-49.**Physics**Professors.....J. H. L. Johnstone (*Head of Dept.*), G. H. Henderson,
W. J. Archibald.

Assistant Professor.....E. W. Guphill.

Lecturers.....D. H. Rogers, A. T. Stewart, D. W. Wylie.

Demonstrators.....C. K. Hoyt, A. M. Croft, E. S. Warren, R. E. Banks.

Physics 1 and 2 are first courses in Physics, and no student is permitted to include both for a degree. Physics 1 is intended for Arts and Science students, and for those intending to proceed to the study of Medicine and Dentistry. Physics 2 must be taken by all Engineering students. It should be taken by students in Arts and Science who intend to major in Mathematics, Physics or Chemistry.

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

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

Text Books: *Stewart: Physics, 6th Edition.***2. Mechanics, Hydrostatics, Heat, Light and Sound.**—*Lect.: M., W., and F.* at 10 a.m. *Lab.: W. or F.* at 2.30 to 5.30 p.m. J. H. L. Johnstone.Text Books: *Kinball: College Physics, 5th Edition.***3. Electricity and Magnetism.**—*Lect.: Tu., Th. and S.* at 9 a.m. *Lab.: W. or F.* at 2.30 to 5.30 p.m. J. H. L. Johnstone.

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

Text Book: *Kinball: College Physics, 5th Edition. Brown: Electricity and Magnetism.***4. Heat and Light.**—*Lect.: M., W. and F.* at 9 a.m. *Lab.: Tu., 2.30 to 5.30 p.m.* E. W. Guphill.

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

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

Prerequisite.—Mathematics 2, Physics 3.

5.7.—Optics and Thermodynamics.—*Lect.: M. and W.* at 11 a.m. *Lab.: Th., 2.30-5.30 p.m.* J. H. L. Johnstone.

Prerequisite.—Mathematics 2 and Physics 4.

5.9. Optics and Principles of Radio.—*Lect.: M. and W.* at 11 a.m. *Lab.: Th., 2.30-5.30 p.m.* J. H. L. Johnstone, E. W. Guphill.

Prerequisite.—Mathematics 3 (which may be taken at the same time), Physics 4 and Physics 6.

7.10. Acoustics and Thermodynamics.—*Two hours lectures and three hours laboratory.* J. H. L. Johnstone, W. J. Archibald.

Prerequisite.—Mathematics 3, Physics 3 and 4.

9.10. Acoustics and Principles of Radio.—*Two hours lectures and three hours laboratory.* E. W. Guphill, W. J. Archibald.

Prerequisite.—Mathematics 3, Physics 3 and 4.

8. Modern Physics.—*Two hours lectures and one laboratory period.*

Prerequisite.—Two classes in Physics. G. H. Henderson.

Book Recommended: *Stratton: Physics of Modern Physics.*

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

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.

14. Mechanics. W. J. Archibald.

Prerequisite.—Mathematics 2 and Physics 2.

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

Books Recommended: *Lamb: Statics, Dynamics.***15. Advanced Mechanics.** W. J. Archibald.

Prerequisite.—Physics 14.

A continuation of the previous class.

16. Introduction to Mathematical Physics. G. H. Henderson.

Prerequisite.—Mathematics 3 and Physics 6.

17. Mathematical Physics. G. H. Henderson.

Prerequisite.—Physics 16.

Book Recommended: *Stair and Frank: Introduction to Theoretical Physics.***18. Quantum Theory.** G. H. Henderson.

Prerequisite.—Physics 7 and 14.

19. Advanced Electricity and Magnetism. G. H. Henderson.

Prerequisite.—Physics 16.

Book Recommended: *Jeans: Electricity and Magnetism.*

Seminar and Journal Club.—Th. at 12 noon.

Lectures on recent developments in Physics and Chemistry; presentation of papers by senior students; reviews of current journals. All Honour and Graduate students are required to attend.

Physiology: see Biology
Political Science

Professor I. M. Read.
Assistant Professor L. Richter.
Special Lecturer L. Richter.

1. Government in the British Commonwealth.—M., W. and F. at 3.30 p.m.

An introductory course covering the evolution of British political institutions and the British Commonwealth of Nations; the Government of Canada in comparison with other democratic systems; the elements of democratic government.

2. International Relations and Problems.—M., W. and F. at 12 m.

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

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

3. Federal, Provincial and Municipal Government in Canada.—(1940-50). M. and W. at 10 a.m. L. Richter.

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

Legal background, form and functions of the three governments and their inter-relations, with special reference to the Maritimes.

Books Recommended: *Château: Canadian Government and Politics*. Scott: *Canada Today*. Goldberg: *Municipal Finance in Canada*.

4. Principles of Public Administration.—(1948-49). Hours to be arranged. L. Richter.

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

A seminar dealing with problems of administration in governmental agencies on the federal, provincial and municipal level.

5. Modern Political Theory.—M. and W., at 2.30 p.m.

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

A study of the principal political thinkers since Machiavelli.

Honour and M.A. Courses

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

The following seminar courses are intended primarily for Honour and M.A. students, but may be taken by other students with the consent of the instructor. No student should register for these courses without the consent of the instructor. One course will be offered, at hours to be arranged, selection of the course depending on student interest and needs.

10. The Constitution and Government of Canada.

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

11. The British Commonwealth and Empire.

Constitutional development based largely on documentary sources; present problems of intra-Commonwealth relations; India; problems of the dependent Empire.

12. Canada's External Relations.

The development of External Policy; domestic basis of foreign policy, institutional arrangements for the conduct of external affairs; defence, foreign and commercial policies in the light of the post-war situation.

13. Political Theory.

An advanced course covering Plato, Aristotle, Roman political theory, and modern political thinkers not covered in Political Science 5.

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

Constitutional Law.
Legislation and Administrative Law.
International Law.

Psychology: see Philosophy

Russian: see Modern Languages

Spanish: see Modern Languages

Sociology: see Economics

Zoology: see Biology

Faculty of Law

Preliminary Statement

The Faculty of Law was organized in 1883. A curriculum was then prescribed extending over three years and leading to the degree of Bachelor of Laws. The curriculum has been modified from time to time and at present closely corresponds to the Standard Curriculum recommended by the Canadian Bar Association.

A Chair of Constitutional and International Law was endowed by George Munro, of New York, in 1883, as one of his many generous benefactions to the University. Richard Chapman Weldon, Ph.D., was appointed to this Chair in the same year and was made Dean of the Faculty, and held this position until his retirement from teaching in 1914. In 1931 there was established, in memory of the late Dean Weldon, a Chair, the holder of which is called the "Weldon Memorial Professor of Law". The professorship of Contracts was held continuously from the beginning by Dr. Benjamin Russell, lately one of the Justices of the Supreme Court of Nova Scotia until 1921. In 1932, there was established in his honour a Chair, the holder of which is called the "Russell Professor of Law". In 1944 Viscount Bennett, LL.B. 1893, gave \$725,000 to the University, part of which sum provided for the endowment of a new Chair, the holder of which is to be known as "The Viscount Bennett Professor of Law," and for the completion of the endowment of the Weldon Chair, henceforth to be held by the Dean of Law under the title of "The Dean Weldon Professor of Law." An additional full-time member of the staff was added in 1930, another in 1921, and a fourth in 1930. Besides the full-time teachers, eleven members of the Bench and Bar of the Province have during the past year given their services as voluntary lecturers in various courses at the School and others have lectured on special topics.

The Law School occupies the first two floors of the north wing of the Forrest Building on Carleton Street. A new building was erected on the Studley Campus in 1921 which is designed for the use of the Law School as soon as a new building can be erected for Arts. The Library of the Law School contains over 16,000 volumes, including all the English and Canadian Reports, a number of reports of the United States, and various sets of legal periodicals. The Library also includes a special collection of works dealing with the subjects of Legal History, Jurisprudence and Political Theory, known as the Bennett Collection. It also contains books known as the *Alexander Ross Collection*, purchased out of the income of a fund provided by the late Alexander Ross.

Affiliated Courses

Certain classes taken in this Faculty may be accepted as part of the requirements for the degree of Bachelor of Arts or Bachelor of Commerce. See pages 34 and 36.

Regulations of the Nova Scotia Barriesters' Society

The Nova Scotia Barriesters' Society will exempt from its Preliminary Examinations students who have completed Matriculation into Dalhousie or any other approved College or University, including Matriculation in Latin, and (1) have passed in the subjects required by the Faculty of Law of Dalhousie University as pre-requisites for the admission of students to the said Faculty, (see *infra*) or in subjects deemed to be equivalent thereto by the Society; or (2) who hold the degree of Bachelor of Arts, Science or Commerce from Dalhousie or any other approved College or University.

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

By a recent amendment to the Rules and Regulations of the Nova Scotia Barriesters' Society a student desiring admission to the Bar of Nova Scotia must serve under articles of clerkship with a practicing solicitor for a period of nine months after he has received a degree in Law from Dalhousie or any other approved University; or, in the alternative, for a period of not less than two months or more than three months between the second and third year of his course in Law and for such a further period after he has received his degree in Law as shall be necessary to bring his total period of service up to nine months. N. B.—An amendment in 1944 further provides that "a person who has served in His Majesty's Forces during the present war may complete the required service under articles by service for three months after the sessions of the first and second years respectively of his course in law and for a further period of three months after he has received that degree."

General University Regulations

University regulations applicable to the students of all Faculties and relating to registration, residence, church attendance, discipline, etc., will be found on p. 16 *et seq.*

The University, in recognition of its responsibility to the public, and for its own reputation, reserves the right to terminate the attendance of any student at any time should it appear that he is unlikely to reach such a standard, in the judgment of the Senate, as would warrant his admission to the practice of Law. Fees cannot be refunded to students who have been dismissed for any cause.

Degree

The only degree conferred in the Faculty of Law is that of Bachelor of Laws (LL.B.).

Academic Year

The Academic Year consists of one session of two terms covering a period of about thirty-six weeks. The first term of the session of 1948-49 will begin on Tuesday, September 14, 1948, and end on Saturday, December 18, 1948. The second term of the session of 1948-49 will begin on Wednesday, January 5, 1949, and end on Tuesday, May 17, 1949. The last day on which students can register for the work of this session is Monday, September 20, at noon. Students are registered for the whole session only and not for one or other of the two terms.

Admission

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

Application must be made before August 15 on a form to be obtained from the Registrar. Upon notice of acceptance to any class in the Faculty of Law prospective students are required to deposit immediately with the Registrar the sum of \$30.00 towards fees.

Special Students.—Subject to the University regulations for the admission of students (p. 23), a student may be admitted to classes in this Faculty as a Special student, but his attendance is not recognized as qualifying for a degree.

Undergraduates in Arts.—An undergraduate in Arts looking forward to the study of Law may take any four of the classes of the first year of the Law course and have them count in place of three of the ten electives required for the degree of Bachelor of Arts (see p. 32). Such undergraduate should arrange his Arts course so as to take along with it the remaining subjects of the first year of the Law course and thus be able to complete this course in two more years. For this purpose he should consult the Registrar early in his Arts course.

Students who have Grade XII certificates and enter the Arts Faculty with credits are advised that they cannot in general expect to complete the combined courses in Arts and Law in less than six years.

Regular Undergraduates in Law.—The requirements for admission vary accordingly as the candidate does or does not hold the degree of Bachelor of Arts, Science or Commerce from a recognized College or University. In detail these requirements are as follows:

(1) Candidates for admission must have completed Matriculation and must also present satisfactory certificates of having

attended and passed at some degree-granting College or University recognized by the Senate for the purpose at least ten regular classes of the course for the degree of Bachelor of Arts, Science or Commerce, 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, one class in History, and any three classes to be chosen from the following:—Latin, French or some other foreign language, History, Logic and Psychology, Economics, Political Science, Accounting, a Science class, Surveying 2. (Students with credit in the Faculty of Arts for Grade XII or equivalent standing may be exempted from any of the foregoing classes, not exceeding five in number, for which they have received credit upon admission and the aforesaid number of ten classes may be reduced accordingly.) Students who have completed matriculation and have passed in all of the required classes above mentioned except one may, in exceptional cases, be admitted into the Faculty of Law and allowed to take that class during their first year; but no student will be admitted as a regular student in second year Law unless he has complied with all of the above requirements.

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

Ex-service Men and Women

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

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

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

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

Undergraduates of other approved law schools may, on producing satisfactory certificates, be admitted *ad eundem status* in this Law School (p. 28).

Matriculation

For details of the requirements for Matriculation, see pp. 24-27.

Curriculum*

First Year.—

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

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

Second Year.—

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

Third Year.—

International Law, Mortgages and Suretyship, Legislation, Equity II, Taxation, Constitutional Law, Shipping, Conflict of Laws, Procedure II, Evidence.

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

Detailed information regarding the classes included in these courses will be found under Classes of Instruction, p. 111 *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.

*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.

No student shall be allowed to take classes in other faculties of the University, without special permission from the Faculty of Law.

Mock Parliament

This is conducted on the model of the House of Commons of Canada with strict regard to the rules of parliamentary procedure.

Moot Court

Each student is expected to participate each year in at least one argument in the Moot Court. The final argument each year takes place before a Bench of Supreme Court Justices.

Attendance

In order to be permitted to write an examination, a student must have credit for attendance in 90 per cent. of the lectures or other meetings of the class in question.

Examinations

Final examinations in some subjects will be held immediately before the Christmas vacation. Examinations in the remaining subjects will be held after the close of lectures in the spring.

Supplemental Examinations

A student who has failed in more than two subjects of any year, or who has made an average mark of less than 55 per cent. in the regular examinations of any year, must repeat the whole of the work of that year.

A student failing to pass in one or two subjects of any year at the regular examinations must pass a supplemental examination in such subject or subjects. For admission to the Second or Third Year a student must have completed all requirements for admission and must have passed the examinations in all subjects of the First and Second Years respectively, unless in exceptional cases special permission is given by the Faculty.

Supplemental examinations are held in the autumn on the dates specified in the University Almanac, and during the regular examinations in the spring, but at no other times.

Application for admission to a Supplemental examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the Registrar's Office, and must be accompanied by the proper fee.

Medals and Prizes

For Scholarships and Prizes open to all students of the University see pp. 57-61.

University Medal in Law.—This medal may be awarded on graduation to the student standing highest among those taking the full regular third year curriculum, provided he reaches a very high standard of excellence, and obtains First Class Distinction in at least all but three of the subjects of examination.

Carswell Prizes.—Books to the value of \$30 will be awarded to each of the students making the highest aggregates in the second and third year examinations respectively.

Sir Joseph Chisholm Prize.—A prize of \$50 will be awarded to the third year student who submits the best thesis on a legal subject. The award to be approved by the Faculty of Law.

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

Class of 1911 Prize.—A prize of \$50 will be awarded to the student making the highest aggregate in the first year.

Vincent MacDonald Prize.—Books to the value of approximately \$20 will be awarded to the student of the second year, who, in the opinion of the Faculty, has shown the most satisfactory progress during that year and has attained at least second-class standing.

F. L. Milner Prize.—A prize of \$25.00 will be awarded to the student making the highest mark in History of English Law provided he attains First Class distinction therein.

Stuart Clark Lane Memorial Prize.—A prize of \$25.00 will be awarded to the student making the highest mark in Legislation. This prize is donated by the Class of 1940 in memory of their classmate killed in action.

Viscount Bennett Trust Fund Scholarships.—Under the terms of a deed of gift to the Canadian Bar Association from The Right Honourable Viscount Bennett, P.C., K.C., LL.D., D.C.L., Honorary Life President of the Association, a trust fund known as the Viscount Bennett Trust Fund has been established. The annual income from the Fund or the sum of \$1000, whichever is the less, will be paid annually as a scholarship for post-

graduate study in law at an institute of higher learning to be approved by a Scholarship Committee. The Scholarship is open to a person of either sex who has graduated from an approved law school in Canada or who, at the time of application, is pursuing his or her final year of studies as an undergraduate student. The award is to be made at a meeting of the Committee to be held at the time of the Mid-Winter Meeting of the Council of the Association (usually in February). The Faculty of Law of Dalhousie University has been approved by the Committee. Full information as to qualifications of applicants and the necessary forms may be had on application to the Dean of Law.

Loan Fund

The Nova Scotia Barristers' Society has set aside \$1000 as a Fund from which loans may be made to students registered in the Faculty of Law, upon terms contained in the Regulations of the Society.

Fees

All fees and deposits are payable in advance, and until these are paid the student will neither receive credit for attendance upon any class, nor be admitted to any examination.

For Registration*

Payable by students taking only one class in the University (including Library Fee of \$5.00).....	\$ 10.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	21.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day.....	2.00
Additional annual fee charged to students from outside the British Empire entered in professional or pre-professional courses.....	250.00

For Tuition and Examinations

For each class attended, when taken singly.....	50.00
Payable by those taking the regular prescribed curriculum, each year.....	250.00
Students departing from the prescribed curriculum will be charged for each class singly; but the maximum charge for three years shall be.....	800.00
**For each Supplemental examination.....	15.00

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

**If application for refund of supplemental examination fees is not made within 30 days of the relative examination date, the fee will be forfeited.

For Certificatees and Diplomaes

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

Certificate under the University seal.....	1.00
For LL.B. diploma (payable before the Third Year or final examinations, and returnable in case of failure).....	20.00
Additional fee when a degree is conferred in absentia at the Spring Convocation.....	10.00

No reduction will be made in tuition fees payable to a student repeating the regular courses of any one year of the curriculum.

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

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

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

See pages 21 and 22 for Caution Deposit and Fee for support of Student Organizations.

1A Certificate of standing is issued on request without charge. Additional copies if required will be issued on receipt of 50c. per copy.

CLASSES OF INSTRUCTION

First Year

Contracts

Lecturer..... J. R. Milner.

Three lectures per week, both terms.

The class includes a study of the general principles of the law of Contract.
Text Books: Hancock's *Cases on Contracts*, Anson's *Contracts*, Pollock's *Contracts*, Salmond and Williams' *Contracts*, Cheshire and Fifoot *Contracts*.

History of English Law

Lecturer..... T. G. Feeney.

Two lectures per week, both terms.

The class includes a study of the development of the English law from the Anglo-Saxon period to modern times.

Text Books: Maitland and Maitland, *History of English Law*; Maitland; *Constitutional History of England*; Pollock; *A Concise History of the Common Law*; Levy-Ullmann; *The English Legal Tradition*.

Property I

Lecturer..... Moffatt Hancock.

Three lectures per week, both terms.

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

Text Books: Cheshire; *Modern Real Property*, Atkinson; *Real Property*, Anson; Title, Salmond; Torts, Robt. Salmond.

Crimes

Lecturer..... T. G. Feeney.

Two lectures per week, both terms.

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

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

Torts

Lecturer..... V. C. MacDonald.

Three lectures per week, both terms.

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

Text Books: Wright; *Cases on the Law of Torts*, Salmond; Torts, Winfield; Torts.

Second Year

Equity I

Lecturer..... Moffatt Hancock.

Two lectures per week, both terms.

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

Text Books: Smith and Rees; *Cases on Equity*, Hanbury; *Equity*.

Property II

Lecturer..... T. G. Feeney.
Three lectures per week, first term; two lectures per week, second term.

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

Bills and Notes

Lecturer..... T. G. Feeney.
Two lectures per week, one term.

The class includes a study of the Bank Act, the Bills of Exchange Act, and of the general principles of the law governing Negotiable Instruments.

Text Books: Russell: Bills. Falconbridge: Banking and Bills of Exchange.

Corporations

Lecturer..... J. B. Milner.
Two lectures per week, both terms.

The class includes a general survey of the leading principles of Company Law and also a study of the Dominion and Provincial Statutes.

Text Books: Palmer: Company Law. Masters and Fraser: Company Law. Weyman: Canadian Company Law.

Insurance

Lecturers..... F. H. M. Jones, R. A. Ritchie.
Two lectures per week, one term.

The class includes a study of the law governing marine, fire, life and automobile insurance.

Procedure I

Lecturer..... J. A. Hanway.
Two lectures per week, both terms.

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

Text Books: Olgive: Principles of Pleading. Nova Scotia Judicature Act and Rules.

Agency and Partnership

Lecturer..... V. C. MacDonald.
Three lectures per week, one term.

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

Text Books: Selected Cases. Bousfield: Agency. Melville: Agency. Strahan: Partnership.

Third Year

Constitutional Law

Lecturer..... V. C. MacDonald.

Two lectures per week, both terms.

The class includes a general study of the principles of English Constitutional Law, and a detailed study of the British North America Act and the principles peculiar to the Canadian Constitution.

Text Books: Clement: Canadian Constitution. LeMay: Short Treatise on Canadian Constitutional Law. Dickey: Law of the Constitution. Whelan: Federal Government. MacRae: Canadian Constitutional Law. Selected Readings.

International Law**

Lecturer.....

Two lectures per week, one term.

History of the development of International Law. The law governing Nations especially during Peace. Referring to rules of Neutrality and War, International Courts and Arbitration. The League of Nations and International Organization.

Text Books: Stowell and Mann: International Cases. Hudson: Cases on International Law.

Legislation

Lecturer..... J. B. Milner.

Two lectures per week, both terms.

Part I: Legislation. This includes a study of modern legislative problems, and the use made by courts of the principles of interpretation.

Part II: Administrative Law. This includes a study of the work of departments and commissions, and the methods whereby the courts control the exercise of statutory powers of rule-making and decision.

Text Books: Maxwell: Statutes; and selected statutes and readings.

Shipping

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

One lecture per week, both terms.

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

Text Books: McLachlin: Shipping. Maynor: Admiralty Law and Practice. Marston: Collision at Sea. Lowndes: General Average.

Conflict of Laws

Lecturer..... Moffatt Hancock.

Two lectures per week, both terms.

The class includes a study of the leading principles of Private International Law.

**Not given 1933-34.

Taxation

Lecturer..... J. B. Milner.
Three hours per week, one term.

This class includes a general introduction to the principles of accounting having special reference to income taxation problems; an examination of legal problems arising out of legislation relating to the taxation of income and succession; and some reference to municipal assessment.

Mortgages and Suretyship

Lecturer..... Moffatt Hancock.
Three lectures per week, one term.

The class includes a study of the law governing Mortgages of Real Estate, and also the law of Suretyship.

Text Books: Falconbridge: *Law of Mortgages*. Rowland: *Principal and Surety*.

Equity II

Lecturer..... A. G. Cooper.
Three lectures per week, one term.

The class includes a study of the law governing Trusts and Trustees.
Text Books: Smith: *Course on Trusts*. Hasbany: *Equity*.

Procedure II

Lecturer..... J. E. Rutledge.
Demonstrators..... R. T. Donald, E. F. Craig.
Two lectures per week, both terms.

This course is a continuation of Procedure I. In both of these courses an attempt is made to give some training in the preparation of documents used in litigation and in the making of motions in a Practice Court.

Evidence

Lecturer..... Mr. Justice Doull.
Two lectures per week, both terms.

The course includes a study of the law of Evidence generally and of the Dominion and Provincial legislation thereon.

Text Books: Wigmore; *Evidence*. Best: *Evidence*. Phipps: *Evidence*. Cockle: *Case on Evidence*.

Note—The following works are used for the purpose of reference in the classes of the curriculum generally: *Corpus Juris*; *Corpus Juris Secundum*; *The Laws of England* (Halabam edition); *The Canadian Abridgement*.

Office Practice Course

By arrangement with the Nova Scotia Barristers' Society, a course is given to the students of each of the three years by various members of the Bar in the nature of demonstrations of the routine processes actually carried out in a law office, and is designed to supplement the experience received by students under their articles of clerkship.

Faculty of Medicine

Preliminary Statement

By an arrangement between Dalhousie University and the Provincial Medical Board of Nova Scotia, the final Professional Examinations at the end of the fourth and fifth years are conducted conjointly by the University and the Board, and hence candidates may qualify at the same time for the academic degree and the licence of the Board.

Provincial Regulations

Students who look forward to practising in some other province are reminded that they must conform to the regulations prescribed by the Medical Board or Council of that province. Official information relative to the regulations for licence to practise in the various provinces may be obtained from the Registrars of the Provincial Medical Boards or Councils. Inasmuch as some licensing boards require that applicants for the licence to practise must have been registered as medical students for five years before taking their final professional examinations, students are advised to register with the licensing board of the province or state to which they belong on commencing their medical studies. For details of these examinations and relative fees as well as fees for Medical Registration the student is advised to consult the Registrar of the Board. The names and addresses of the Registrars of the Medical Boards for the Maritime Provinces and Newfoundland are as follows:

Nova Scotia, Dr. H. L. Seammell, Halifax.
New Brunswick, Dr. J. M. Barry, Saint John.
Prince Edward Island, Dr. H. D. Johnson, Charlottetown.
Newfoundland, Dr. Chny Macpherson, St. John's.

Privileges

The General Medical Council of the United Kingdom admits graduates in Medicine of Dalhousie University who have passed the professional examinations conducted jointly by the University and the Provincial Medical Board, and have been licensed by the Board, to registration in the Colonial List of the British Medical Register. This confers precisely the same privileges as registration on the British List, viz., the right to obtain, without further examination, the licence to practise medicine in nearly every part of the British Empire.

For information relative to registration in the Colonial List of the British Register application should be made to the Registrar of the Provincial Medical Board of Nova Scotia.

Equipment and Facilities for Teaching

The Medical Buildings

The department of Anatomy is housed in the Forrest Building. This department has recently been renovated, a museum and research facilities having been added. Histology and Embryology are also taught in the Forrest Building. The courses in Physiology, Pharmacology and Biochemistry are conducted in the Medical Sciences Building, a modern structure especially designed for teaching and research. The Maritime College of Pharmacy also conducts classes in this building. Through the courtesy of the Department of Health of the Province of Nova Scotia, the Pathological Institute is used for teaching Pathology, Bacteriology and Immunology. In 1924 the Dalhousie Public Health Clinic was established. The building was a gift to the University from the Rockefeller Foundation. The Clinic maintains a complete out-patient service and provides excellent facilities for the study of preventive medicine. The medical buildings are conveniently located in relation to one another, to the hospitals and to the new Medical and Dental Library.

The Laboratories

The laboratories of Anatomy, Histology and Embryology, Pharmacology, Physiology, Biochemistry, Pathology and Bacteriology are commodious and well lighted. They are well equipped for teaching purposes, and facilities are available for special work and research.

The Hospitals

The hospitals used for teaching are as follows: The Victoria General Hospital (335 beds), The Halifax Infirmary (275 beds and 60 bassinets), The Children's Hospital (120 beds), The Halifax Tuberculosis Hospital (126 beds), The Grace Maternity Hospital (60 beds and 62 bassinets), and The Halifax Hospital for Communicable Diseases (50 beds and 16 cribs). Camp Hill Military Hospital (783 beds). Instruction in mental diseases is given at the Nova Scotia Hospital, Dartmouth (450 beds).

All of these hospitals are well equipped and provide ample clinical material for teaching purposes. The students attend out-patients at the Dalhousie Public Health Clinic, an institution which, with the Halifax Visiting Dispensary, gives free medical service to the indigent of Halifax. Attendance here is approximately 30,000 visits per year.

The final year is one of internship. In addition to the above mentioned hospitals the Faculty has approved the following for rotating internships: Camp Hill Military Hospital (783 beds), Nova Scotia Sanatorium, Kentville (370 beds), Aberdeen Hospital, New Glasgow (105 beds), St. Martha's Hospital, Antigonish (125 beds), Prince Edward Island Hospital, Charlottetown (110 beds), Saint John General Hospital, Saint John, N. B. (443 beds), Moncton City Hospital (110 beds), the City Hospital, Sydney (110 beds), and St. Joseph's Hospital, Glace Bay (189 beds).

The Medical and Dental Library

In the spring of 1939 the new building for the Medical and Dental libraries was completed. This modern building was made possible through the gift of the Carnegie Corporation (\$50,000) "for library development," and through gifts received from the Honourable J. C. Tory, J. McG. Stewart, Esq., K.C., Dr. W. Inglis Morse, A. B. Wiswell, Esq., the Honourable W. H. Dennis, A. H. Buckley, Esq., Dr. John Cameron and Peter R. Jack, Esq. The library building is on the Forrest Campus convenient to the medical buildings and to the hospitals. It has a spacious reading room accommodating eighty readers. The system of open stacks is used. There is a collection of over 17,000 volumes and most of the medical periodicals of the world are subscribed to. It is in charge of a trained medical librarian.

During 1941 the Provincial Medical Board established a Library to be known as the Dr. John George MacDougall Library in recognition of the many years of service to the profession by Dr. MacDougall as a member and later as President of this body. Arrangements have been made to house the collection in the Dalhousie Medical Library where it will be available to medical students and the members of the profession in the Province.

Medical Museums

Director.....R. L. deC. H. Saunders.
 Assistant.....S. C. Saunders.

The Department consists of the Anatomy Museum, housed on the top floor of the Forrester Building, and of the Medical Museum on the ground floor of the Pathological Institute, and their attendant offices.

Anatomy Museum

In the Anatomy Museum dissections of the human body are grouped regionally under appropriate headings, and each dissection is accompanied by a diagrammatic representation or a note on the salient features. Prepared bony specimens and Spalteholz cleared specimens are also on display.

Medical Museum

The Pathological Museum is being re-organized as a Medical Museum or Clinico-Pathological centre, which aims to correlate the field of Pathology with Medicine, Surgery, and Gynaecology.

Display specimens, grouped under systems, will have extracts from the clinical records and pathological report, as well as diagrams calling attention to their principal features. When facilities for medical photography and illustration are developed, coloured pictures of specimens will also be shown. Where relevant, radiographs, blood films and histological slides will be made available.

The cupboards below the display specimens house study specimens. In this way clinical material of value for class demonstrations or research purposes can be collected. The clinical histories of these specimens will be on file.

General University Regulations

University regulations applicable to the students of all Faculties and relating to registration, residence, church attendance, discipline, etc., will be found on p. 16 *et seq.*

Medical students must further observe the regulations of the hospitals relative to students and student internes, and any violation of such regulations will be dealt with in the same way as if a University regulation were violated.

The Faculty of Medicine, in recognition of its responsibility to the public, reserves the right to retire any student from the study of medicine at any time should it appear that he is unlikely

to reach such a standard as would warrant his admission to the practice of medicine. Fees will not be refunded to students who have been dismissed for any cause.

Affiliated Courses

There is an affiliated course of Arts or Science and Medicine, in which the classes of the first year in Medicine are accepted for the degree of Bachelor of Arts or Science. The details of the course are given on pp. 34,36

Academic Year

Except in the third and fifth year, the Academic Year consists of one session of eight months' duration. The session of 1948-49 will begin on Tuesday, September 14, 1948, (except in the fifth year, which begins immediately upon completion of the fourth year), and will end on Tuesday, May 17, 1949. Registration dates for the classes in the Faculty of Arts and Science preliminary to the Medical curriculum will be found in the University Almanac, p vi.

Degree

The Degree conferred by the University is Doctor of Medicine and Master of Surgery (M.D.,C.M.).

Admission and Grading

All persons who have satisfied the Entrance Requirements (p. 24) in Medicine are eligible for admission but the number of those who will be admitted in any one year is limited. Primary consideration is given to British subjects, especially residents of the Maritime Provinces and Newfoundland. Application must be made on a form to be obtained from the Registrar. Upon notice of acceptance to any class in the Medical School prospective students are required to deposit immediately with the Registrar the sum of \$25.00 towards fees.

For admission to any subsequent year an undergraduate must have passed the examinations required in all subjects of the preceding year, unless in exceptional cases special permission is given by the Faculty. Students who fail in the spring examinations may be allowed to come up for supplemental examinations in the autumn under the following conditions:

- (a) Supplemental examinations will not be allowed in more than two subjects.
- (b) Those who fail to pass in all the subjects of their year at the spring examinations, or at the next ensuing supplemental

examination, must repeat attendance on all the courses of the year before again coming up for examination, unless a different course is prescribed by the Faculty. Such students will be on probation until Christmas, and may be required to withdraw if their showing at that time is not satisfactory.

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

No person under sixteen years of age is admitted to any class.

Entrance Requirements

Full details of the requirements for Entrance will be found on pp. 24-27.

Curriculum*

The course for the degree of Doctor of Medicine and Master of Surgery extends over five years. Detailed information regarding the classes included in it will be found under "Classes of Instruction," p. 129 *et seq.*

The following arrangement of the curriculum into years will be followed as closely as possible, but some modifications may be found necessary.

First Year. Anatomy; Histology; Embryology; Physiology; Biochemistry; Hygiene; Psychobiology.

Second Year. Anatomy; Structural Neurology; Physiology; Biochemistry; Pathology; Bacteriology; Pharmacology and Materia Medica; Physical Diagnosis; Psychiatry; Introduction to Clinical Medicine and Clinical Surgery.

Third Year. Pathology; Laboratory Medicine; Pharmacology; Physical Diagnosis; Preventive Medicine; Medicine; Clinical Physiology; Psychiatry; Surgery; Applied Anatomy; Ophthalmology and Otolaryngology; Radiology; Obstetrics and Gynaecology; Paediatrics; Therapeutics.

Fourth Year. Preventive Medicine; Medicine; Medical Jurisprudence and Toxicology; Autopsies; Psychiatry; Surgery; Anaesthesia; Urology and Dermatology; Ophthalmology, Laryngology and Otology; Radiology; Obstetrics and Gynaecology; Clinico-Pathological Conferences; Paediatrics, Medical Ethics.

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

Fifth Year. The fifth year, a period of twelve months, beginning immediately after the completion of the fourth year, is one of rotating internship. All internships are approved by the Canadian Medical Association.

Regulations for Degrees

In addition to the Matriculation and premedical examinations, candidates for degrees are required to pass five Professional Examinations. The requirements in each subject are covered by the work of the class or classes in that subject specified under "Classes of Instruction" (p. 129 *et seq.*). In all examinations the marks obtained at sessional tests or at Christmas examinations will be considered in computing the marks allowed in each subject at the regular professional examinations. The examinations in the various subjects will be held within the dates set in the University Almanac, and as posted on the Notice Boards, and are arranged as follows:

First Professional Examination

One paper in each of the following subjects: Anatomy, Histology, Embryology, (oral and practical examinations during the session in these subjects); one paper and an oral examination in each of Physiology and Biochemistry, (practical examinations during the session in these subjects).

Second Professional Examination

One paper in each of Anatomy, Structural Neurology, Physiology, Biochemistry, Pathology, Bacteriology and Psychobiology. Oral examinations are given in Anatomy, Physiology, Biochemistry, Pathology, and Bacteriology. Practical examinations in all subjects are given during the session.

Third Professional Examination

A paper in each of Surgery, Medicine, Obstetrics and Gynaecology. A paper and oral in Pathology and Pharmacology including Materia Medica. A paper or oral in Applied Anatomy. Practical examinations during the term in Pathology and Laboratory Medicine. Orals during the term in Obstetrics and Gynaecology.

Fourth Professional Examination

One paper in each of the following subjects: Medicine including Therapeutics; Medical Jurisprudence and Toxicology; Psychiatry; Surgery; Obstetrics and Gynaecology; Paediatrics;

a paper and an oral examination in Preventive Medicine. The examinations in Medicine, Surgery, and Obstetrics and Gynaecology, are conducted jointly by the University and the Provincial Medical Board of Nova Scotia.

Fifth Professional Examination

An oral examination in each of the following subjects: Medicine including Therapeutics; Surgery including Surgical Anatomy; Obstetrics and Gynaecology; also a practical clinical examination in each of Medicine, Surgery, and Obstetrics and Gynaecology. All these are conjoint examinations conducted by the University and the Provincial Medical Board of Nova Scotia.

Pass and Distinction Lists

The names of candidates successful in the examinations are arranged in the published lists in two divisions, the Pass and Distinction divisions. To pass, a candidate must obtain a minimum mark of 50 per cent in each subject; for Distinction he must obtain a mark of 75 per cent or over. The names in the Pass division of the list are arranged in alphabetical order; those in the Distinction list are in order of merit.

Admission to Examinations

Candidates for admission to Degree examinations must conform to the following requirements:

1. They must have satisfied the Entrance requirements (p. 24).
2. They must have attended the prescribed classes regularly and punctually. Certificates indicating less than 80 per cent of attendance upon any class will not in ordinary circumstances be accepted.
3. They must have prepared such exercises, reports, etc., as may have been prescribed, and, in the case of classes involving laboratory or practical work, they must have completed such work satisfactorily.
4. For admission to the examinations of the second or any higher year they must have passed the examinations of all previous years. (Except as noted on p. 119).
5. Candidates for the Final Professional examination must have fulfilled satisfactorily the following requirements:

(1) Attendance as clinical clerks in the third and fourth years at the Victoria General Hospital, the Children's Hospital, the Halifax Tuberculosis Hospital, the Halifax Infirmary, the

Dalhousie Public Health Clinic and the City Hospital for Communicable Diseases.

(2) Attendance on at least 20 maternity cases and, in addition, the delivery under supervision of 10 cases. These cases do not necessarily have to be attended at the Grace Maternity Hospital, but may be attended at any hospital at which a student is an interne or on the out-patient service.

(3) Attendance on the post-mortem examinations conducted at the Pathological Institute over a period of at least eight months, during which instruction shall have been received in the methods of making such examination and in framing reports; also on the weekly clinico-pathological conferences.

(4) Submission of satisfactory reports on investigations of domiciliary and occupational conditions in relation to the illnesses of an assigned number of patients of the Public Health Clinic.

(5) Attendance on a course of lectures on the relationship of dental conditions to medical practice.

(6) Service for twelve months on rotating internships approved by the Canadian Medical Association.

Supplemental Examinations

The conditions under which supplemental examinations are allowed are set forth under "Admission and Grading" (p. 119).

Regular supplemental examinations are held in the autumn on the dates specified in the University Almanac, and during the regular Professional examinations in the spring, but at no other times.

Application for admission to a supplemental examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the Registrar Office, and must be accompanied by the proper fee (p. 128).

Exemptions

Candidates may be exempted from attendance on one or more subjects of the first three years of the medical curriculum on presenting certificates,

- (a) of having satisfied the requirements for admission to the Faculty of Medicine (see page 24); and
- (b) of having attended and performed at any recognized medical school or college the equivalent of the work required at this University.

Candidates may be exempted from examination in one or more subjects of the first three Professional examinations on presenting, in addition to the certificates specified under (a) and (b) above, certificates of having passed equivalent examinations at any recognized medical school or college but every such candidate must take all the examinations of the year to which he is admitted.

Before admission to his degree, a candidate shall be required to sign the following oath or affirmation:

I, who am presently about to have the degree of Doctor in the Art of Medicine conferred upon me, before Holy God, the searcher of hearts, promise that I will persevere in every duty of a grateful mind towards Dalhousie University for the rest of my life.

Then, furthermore,—that I shall practise the Medical Art carefully, chaste and uprightly, and so far as I shall be able, will faithfully attend to everything pertaining to the welfare of the sick.

Finally, those matters which have been seen or heard in the course of my practise about which one ought to maintain silence, I shall not make known to anyone without serious cause.

In this promise may the Deity assist me.

Medals and Prizes

For Scholarships and Prizes open to all students of the University see pp. 57-61.

University Medal in Medicine.—This medal will be awarded on graduation to the student with the highest standing provided he has reached the high standard set by the Faculty for that purpose.

The Dr. A. F. Miller Prize.—A prize of \$25, presented by Dr. A. F. Miller, of Kentville, will be awarded to the final year student who stands highest in his knowledge of Tuberculosis. Special examinations will be set for this prize.

Colonel Murray MacLaren Memorial Award.—A prize of \$100, presented by the Saint John General Hospital, Saint John, N. B., awarded each year to the interne demonstrating the highest increase in practical knowledge and the best record of service to the hospital, its patients and to his profession.

The Doctor J. L. MacIsaac Memorial Award.—A prize of \$100, presented by St. Martha's Hospital, Antigonish, N. S., awarded each year to the interne showing the highest efficiency.

Halifax Infirmary Award.—A prize of \$100, presented by the Halifax Infirmary, Halifax, N. S., awarded each year to the interne having the best record.

The Victoria General Hospital Prize.—A prize of \$100, awarded by the Victoria General Hospital to the best interne resident at the hospital during the current interne year.

Anonymous Prize.—A prize of \$100, from an anonymous donor, will be awarded at the end of the session 1948-49, the object being to promote the interest of senior medical students in Anatomy as a subject of value to the physician and general practitioner. The prize is open to fourth year students. The course of study and examinations are to be set by the Anatomy Department. The award will only be made if the candidate is to remain a member of Dalhousie University in his final year. The Department is to have the right to withhold the award if no candidate produces results of a sufficiently high standard.

If the objects of the prize appear to be attained in the session 1948-49, the offer may be renewed in a subsequent session.

Applications are to be lodged with the Anatomy Department at the commencement of the session.

The Dr. Clara Olding Prize.—This prize, the interest of an endowment of \$1,000 given by Dr. A. M. Hebb, of Dartmouth, as a memorial to his deceased wife, will be awarded annually to the student making the highest aggregate in the examinations of the fourth year, character and previous scholarship being taken into consideration.

The Dr. John F. Black Prize.—This prize, of the value of \$50, from the income of a bequest by the late Dr. John F. Black, a former Professor of Surgery, to be used by the Department of Surgery in the promotion of surgical teaching, will be awarded at the completion of the fourth year to the student who reaches the highest standing in Surgery.

The Andrew James Cowie, M.D., Memorial Medal.—This medal, founded by the late Miss Florence J. Cowie in memory of her father, will be awarded each year to the member of the fourth year class having the highest standing in Obstetrics, provided his standing in other subjects is sufficiently high to justify an award.

The Charles E. Frosst Bursary.—A bursary of \$250, contributed by the Charles E. Frosst and Company, of Montreal, to be awarded annually at the completion of the fourth year to a student entering the fifth year who has shown general proficiency throughout the course, character and need to be considered.

The Dalhousie Medical Alumni Scholarship.—A scholarship of \$500 to be awarded to the student chosen by a special committee of Faculty, scholarship, character and need to be considered. This award must be given to a student who has served in the armed forces.

The Ross Stewart Smith Prize.—This prize, of the value of \$75, contributed by Mrs. Eliza Cochran Smith in furtherance of the wishes of herself and her late husband, Dr. James Ross Smith, as a memorial to their late son, Ross Stewart Smith, will be awarded at the completion of the third year to the student who has carried on the most creditable advanced work in one or more of the preclinical subjects.

Prize in Pathology.—This prize of \$100 is given by the Hebrew community of western Nova Scotia and sections of New Brunswick.

The I.O.D.E. John Stewart Chapter Prize.—A prize of \$100, awarded to the student who at the completion of his second year shows proper academic standing and need for financial assistance.

Anonymous Prize.—A cash prize of \$25, from an anonymous donor, will be awarded to the student of the second year Anatomy class who has gained highest distinction in that class, the attainments of the student in Practical Anatomy to be chiefly considered; the Department of Anatomy having the right to set special tests before it recommends any student for the award.

The Professor John Cameron Prize in Anatomy.—This prize, the interest of an endowment of \$500, given by Dr. John Cameron, former Professor of Anatomy, will be awarded to the student of the first year who makes the highest marks in Anatomy.

The Professor R. J. Bean Prize.—Awarded to the student who makes the highest aggregate in the first professional examinations in Histology and Embryology.

The A. B. Wiswell Scholarship in Medicine.—This Scholarship, the interest of an endowment of \$3,000, given by Mr. A. B. Wiswell, of Halifax, is to be awarded to a student completing the first year of the regular medical class. Character and financial need are to be considered, but the standing of the candidate in his class is the primary consideration.

Entrance Scholarships

Five scholarships of the value of \$500.00 each will be awarded to students beginning the study of Medicine in September, 1948 as follows:

- One to a resident of Cape Breton Island.
- Two to residents of the Mainland of Nova Scotia.
- One to a resident of New Brunswick.
- One to a resident of either Prince Edward Island or Newfoundland.

Application should be made to the Dean of Medicine together with transcripts of matriculation and pre-medical records. Three letters of recommendation dealing with the candidate's truthfulness, unselfishness, idealism, and other qualities likely to produce a good physician should accompany the application.

Fees

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

For Registration*

Payable by students taking only one class in the University (including Library Fee of \$5.00).....	\$ 16.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	21.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day.....	2.00
Additional annual fee charged to students from outside the British Empire entered in professional or pre-professional courses....	200.00

For Tuition

For each class (other than Practical Anatomy) attended, when taken singly.....	\$ 60.00
Practical Anatomy.....	65.00
Payable by those taking the regular prescribed curriculum each year	325.00

This includes tuition, hospitals, clinics, laboratory work and the regular seasonal examinations; but does not include registration, caution and laboratory deposits and the fee for the support of student organizations.

No reduction will be made in the tuition fees payable by a student repeating the regular courses of any one year of the curriculum.

The student must pay the fees for the full year whether the classes are attended for all or part of the course, except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason. If such withdrawal takes place previous to December 1 one-half of the annual tuition fee will be refunded and if between December 1 and February 1, the student will be allowed to repeat his year at one-half the usual tuition fee.

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

Microscopes

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

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

the University will rent to each student requiring an instrument a suitable microscope at \$30.00 per session. The rental charge will be treated in the same manner as tuition and other fees and will be payable at the same time. Students who have rented a microscope from the University and who at a later date wish to buy an instrument elsewhere, must complete arrangements with Professor Bean for the return of the rented instrument not later than two (2) weeks from the assignment of the microscope. No refund of rental monies will be made after that period. Each student will be held responsible for all damage to the instrument rented to him, ordinary wear and tear excepted. At the end of each session microscopes under rental will be turned in to the custody of Professor K. J. Bean, Department of Histology, promptly on the date set.

Diagnostic Sets

Each student on entering the fourth year Medicine must provide himself with a Diagnostic Set approved by the Faculty (the set shall include ophthalmoscope, otoscope and laryngoscope). Other necessary accessories are—stethoscope, flashlight, skin pencil, oral and rectal thermometers, haemocytometer, and hammer for eliciting reflexes. Two three-quarter length coats to be worn in the Hospital Wards are also required.

For Examinations

An application for an examination must be accompanied by the proper fee.

*Supplemental examinations, each subject.....\$ 15.00

For Certificates and Diplomas

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

*Certificate under the University seal.....\$ 1.00

For M.D., C.M. Diploma (payable before the fifth year or final examinations and returnable in case of failure)..... 30.00

Diploma, payable by those attending less than 4 years..... 40.00

Additional fee when a degree is conferred in absence at the Spring Convocation..... 10.00

See pages 20 to 22 for

Loan Funds.

Caution Deposit.

Laboratory Deposits.

Fee for Support of Student Organizations.

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

**If application for refund of supplemental examination fees is not made within 30 days of the relative examination date, the fee will be forfeited.

CLASSES OF INSTRUCTION

I. Anatomy

Professor.....	Donald Maitland.
Assistant Professor.....	I. M. Murray.
Instructor.....	Roberta Bond Nichols.
Demonstrator.....	J. V. Graham (Applied Anatomy).

The course extends over the first two years, and comprises the study of the naked-eye anatomy of the living human body, aided by dissection, radiography, and fluoroscopy. Special emphasis is laid on function, correlation with microscopic anatomy, accurate observation and description, and the correct evaluation of data. All information is selected with a view to its clinical value. Lecture-demonstrations are given when required to elucidate current difficulties.

Encouragement is given to senior students and graduates to return for review and research.

The regular courses are—

First Year.—General Anatomy, Upper Limb, Lower Limb, Abdomen, Thorax, Back, Head and Neck, Brain and Spinal Cord.

Second Year.—Review of First Year work.

Dental students have a one-year course (30 hours per week), specially designed for their future needs.

Books Required: Maitland: *Anatomy as a Basis of Medical and Dental Practice*. Grant & Allen of London. (An Anatomy is an extension of pre-medical and pre-dental Biology, students are advised to obtain and use their Biology texts and notes.)

Reference Books: Medical Dictionary.—Darland or Stedman. Atlas.—Schofield. Text Books.—Cunningham, Morris, Gray, Junimow; *Companion to Memory of Practical Anatomy*. General Anatomy.—LeGros Clark, *Essays of the Body, Child Growth and Development*.—Wain House Conference Report, Parts I and II. Radiological Anatomy.—Kochler; *Radiology Diagnostic Treat*, Appleton, Hamilton and Simon. Muscle Function.—Wright; *Medical Research Council War Memorandum No. 7*; Ashi in the *Investigation of Peripheral Nerve Injuries*. Surgical Anatomy.—Bosny and Johnston; McGraw; Tyson.

Anatomical Museum.—This provides the undergraduate and graduate with clinically helpful dissections. See Department of Medical Museums.

Applied Anatomy.—See under Surgery.

Anatomy IA.—This course qualifies for an Arts or Science degree, but not for medical degrees. See under Faculty of Arts and Sciences—Biology.

Histology and Embryology

Professor.....	Raymond J. Bean.
Instructor.....	Elizabeth S. Bean.
Demonstrator.....	C. S. Strickland.

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: Schaffer: *Essentials of Histology*. Piersol: *Normal Histology* (Additional). Maclean and Bloom: *Histology*. Bailey: *Tissot's Histology*.

Embryology.—This course is intended primarily for medical students of the first year. It consists essentially of laboratory work supplemented by one didactic lecture per week. The problems of fertilization, segmentation, the development of the embryo and its protective membranes, are worked out in the laboratory by dissections and intensive study of slides. The materials used include the chick, rabbit, pig and human.

Both mediotome and black and white projection slides are used to illustrate the work, and these are supplemented by a careful selection of motion picture films.

A close relationship is maintained between Embryology and Histology, and the laboratory work in Embryology will occasionally be extended so as to include a portion of the time allotted to the course in Histology.

Text Book: Army: *Developmental Anatomy*

Structural Neurology

Professors.....	R. J. Bean, Donald Mainland.
Clinical Demonstrator.....	J. W. MacIntosh.

This course is primarily for medical students of the second year. It consists of a series of lectures and demonstrations by the Professors of Anatomy and Histology on the gross anatomy and microscopic structure of the nervous system. Clinics are conducted at the Dalhousie Public Health Clinic.

Text Books: Ranvier: *Anatomy of the Nervous System*. Eastman: *The Principles of Nervous Pathology*. Looney: *Anatomy of the Brain and Spinal Cord*. Krige: *Functional Neuro-Anatomy* (P. Blackwell).

II. Physiology

Professor.....	C. B. Weld.
Assistant Professor.....	Melville Schuchter.
Student Demonstrator.....	Jean Pratt Milner.

1. An elementary study of the mechanisms of the human body, including the functions of the nervous system, the senses, muscular activity, the blood, circulation, respiration, digestion and nutrition, excretion and the endocrines. The course is given in the first year, and consists of two lectures a week throughout the year and two laboratory periods a week during the second term.

1A. This course consists of the lectures of Physiology I with special laboratory work. It is given to the first year Dental students and it may be taken as an elective by students in the Faculty of Arts and Sciences.

2. A detailed study of physiological mechanisms, and their modification under abnormal conditions. It consists of two lectures a week through-

out the second year and two laboratory periods a week during the first half of the year.

Text Books: Physiology I—Cannon and Johnson: *The Machinery of the Body*. Physiology I—Burr and Taylor: *The Physiological Basis of Medical Practice*. Lovell Knott: *Starting's Principles of Human Physiology*.

Reference Texts: Harvey: *Experimental Physiology*. White and Stephenson: *The Automatic Nervous System*. Fulton: *Physiology of the Nervous System*. Morgan: *Physiological Psychology*. Langdon, Evans and Wilson: *Physiological Principles in Treatment*. Haldbrun: *An Outline of General Physiology*.

III. Biochemistry

Professor.....	E. Gordon Young.
Assistant Professor.....	R. W. Bogg.
Demonstrators.....	John I. Phinney, Jenn P. Milner.

1. A course of lectures, conferences and laboratory work given to students of the first year, inclusive of the chemistry of the carbohydrates, fats, proteins and related substances, and their physico-chemical relationships in living matter.

1A. This is a more extended course with special laboratory work designed for students in the Faculty of Arts and Science.

2. A course of lectures and laboratory work given to students of the second year in the biochemistry of nutrition, digestion, metabolism and excretion in physiological and pathological aspects.

3. A course of lectures and laboratory work given to students in the Faculty of Dentistry, presenting briefly the whole field of Biochemistry.

4. A course of lectures and laboratory work on foods in relation to nutrition and processing.
Prerequisite.—Biochemistry I or 1A.

5. An advanced course given to graduate students only.

Seminar.—Graduate students must attend the Biological Seminar and participate in the presentation of papers on recent topics of research.

The Department shares in the course in Laboratory Medicine described on page 132.

Text Books: (1) Hawk, Oser and Summerson: *Practical Physiological Chemistry*, 12th. ed. *Centers' Outline of Biochemistry*, 1st. ed.
(1A) Murray and Summerson: *Biochemical Laboratory Methods*.
(2) Klotz: *Human Biochemistry*.
(3) Harvey: *Textbook of Biochemistry*, 4th. ed.

IV. Pathology, Bacteriology and Parasitology

Professor.....	Ralph P. Smith.
Assistant Professor.....	J. W. Abbot.
Lecturer in Pathology.....	C. M. Harlow.

Pathology

1. A course of elementary lectures, two hours a week, on the general principles of Pathology, is given in the second term of the second year. One lecture is followed by a laboratory period.

2. A course of lectures, five hours per week before Christmas and four hours per week in the second term, is given in the third year, in which general principles of Pathology are applied to dissections of the several anatomical systems. The laboratory work is designed to be complementary to the lectures.

A short special course on pathological conditions of the mouth is given to students of Dentistry only.

3. Demonstrations are given frequently of fresh and preserved specimens illustrating morbid conditions of the several organs.

Students of the third and fourth years are required to assist at autopsies and to prepare and report upon specimens.

4. Conferences of clinicians and pathologists are held on Wednesday afternoons from 4:30 to 6 p.m., at which advanced students attend and are expected to take part in the discussions.

Bacteriology

A course of lectures covering the general field of Bacteriology, Immunology and Parasitology is given in the second year.

A short course on the bacteria of the oral cavity is given to students of Dentistry only. Dental students are not required to take the lectures on Parasitology.

The laboratory work is designed to familiarize the student with the biological reactions and activities of bacteria, and their relationship to disease.

The Department shares in the course in Laboratory Medicine described below.

Text Books: Pathology: Boyd or Blair. Bacteriology: Muir and Kinzie. Practical Bacteriology: Mackie and McCawley. Parasitology: Belling. Clinical Diagnosis: Todd and Sanford, or Pitt.

V. Laboratory Medicine

A course of lectures and laboratory work, in the second term of the third year, is given conjointly by the Departments of Biochemistry and Pathology on the examination of sputum, stomach contents, faeces, blood, urine, exudates and transudates, etc.

Each student is required to provide himself with a haemocytometer for this course.

Text Books: Todd and Sanford, or Pitt: Clinical Diagnosis.

VI. Pharmacology and Materia Medica

Professor..... J. G. Aldous.
Assistant Professor..... G. S. Kinley.
Lecturer in Materia Medica..... J. Ernest Cooke, Jessie I. MacKnight.
Demonstrators in Materia Medica.....

The aim of the course is to provide clinically useful knowledge of drug action and the fundamentals relating to the prescribing of drugs. The lessons of drug action are made as practical as possible, both in the lectures and during the laboratory periods in which the students frequently participate as subjects. The importance of appreciating the extent of the normal variation in human reactions to drugs is stressed. The lectures extend into the field of therapeutics, facilitating to the student a better clinical application of his knowledge of drug action.

The course commences with lectures and laboratory periods covering the basic principles of materia medica and prescription writing. During the subsequent periods in pharmacology the student applies this knowledge by the writing of prescriptions incorporating drugs whose actions he is studying in the laboratory.

For medical students, there are two lectures and one laboratory period per week for two terms; the second term of second year and the first term of third year, with further lectures extending into the second term of third year.

A shorter specially designed course, comprising one lecture and one laboratory period weekly for one term is given to second year dental students.

The department also gives instruction in Toxicology (q.v.) to fourth year medical students.

Text Books: Davison: *Synopsis of Materia Medica, Toxicology and Pharmacology*. Tilden: *Fundamentals of Pharmacology*. Gilman, Krier & Gillispie: *Essentials of Pharmacology*. American Medical Association: *United Drug*.

Reference Books: Goodman and Gilman: *The Pharmacological Basis of Therapeutics*. Sellman: *Manual of Pharmacology*. Edmunds and Gunn: *Catalogue Pharmacology and Therapeutics*. British and United States Pharmacopoeia. *New and Non-Official Remedies*, 1945. *Druggists' Treatment in General Practice*.

VII. Physical Diagnosis

Practical instruction in the methods of examining patients is given to the students of the second and third years. The class is divided into groups for instruction purposes.

Text Books: Hutchings and Haines: *Clinical Methods*. Emerson: *Physical Diagnosis*. Cabot and Adams: *Differential Diagnosis*. Major: *Physical Diagnosis*.

VIII. Preventive Medicine

Professor..... H. G. Grant.
Professor of Epidemiology and Nursing Education..... C. B. Stewart.
Assistant Professor..... P. S. Campbell, A. B. Horton, D. J. MacLennan.
Statistical Assistant..... Joan A. Puleo.
Assistant..... Jane M. Hulby.

Lectures are given in the first year on the history of medicine, scope and trends of modern medical practice, inter-relations of medical sciences and specialties, socio-economic factors related to problems of disease and medical care, and the application of quantitative methods to medicine.

In the third year the course consists of lectures and group discussions on environmental sanitation, vital statistics, public health administration, general principles of epidemiology, control of communicable diseases, maternal and child hygiene, school hygiene, mental and industrial hygiene, nutrition, oral hygiene, socialized medicine, social welfare and health education. Field work in third and fourth years consists of supervised visits to public water supplies, milk pasteurization plants, restaurants and other food handling establishments, the Provincial Department of Health and Laboratories; also a survey of the student's home district with regard to sanitation, milk, water supplies, housing, industrial conditions, food establishments, restaurants, medical and hospital care. In the fourth year visits are made to the homes of patients seen at the Dalhousie Public Health Clinic to study the effects of socio-economic factors on the etiology and treatment of illness.

Text Books: Seiffel: *Preventive Medicine and Public Health*. *Hygiene: Preventive Medicine and Hygiene*. American Public Health Association: *The Control of Communicable Diseases*.

IX. Medicine

Professor.....	C. W. Holland (Head of Dept.).
Associate Professors.....	J. R. Corston.
Assistant Professors.....	J. W. Reid, J. W. MacIntosh, T. M. Sieniewicz.
Lecturers.....	K. Marshall (Neurology), D. J. Tomning.
	N. B. Cowan, H. L. Scammell, C. J. W. Beckwith.

1. A course of lectures and recitations two hours each week, dealing with diseases of the digestive, circulatory and respiratory systems is given in the third year.

2. A course of lectures and recitations, two hours each week, dealing with infectious and constitutional diseases, the blood, ductless glands, diabetes, and diseases affecting the kidneys, liver and the nervous system, is given in the fourth year.

Text Books: *Medicine: Practice of Medicine, Color and Macrae: Principles and Practice of Medicine*, J. J. Constance: *A Textbook of Medicine*, *Roemer: Practice of Medicine*. Cecil: *Text Book of Medicine*. Price: *Practice of Medicine*, Bauman: *Practice of Medicine*.

Reference Books: *Color: Modern Medicine*, *The Practice of Medicine*, *Robert F. McCumber: Internal Medicine in General Practice*, *Church and Primm: Nervous and Mental Diseases*, *Oxford Monographs*, *Sir Thomas Lewis: Diseases of the Heart*, *Bestman: Treatment in General Practice*, *Harrison: Art of Treatment*, *Judith: Treatment of Tuberculous Maladies*, *Lectures: Clinical Heart Disease*, *White: Heart Disease*, *Bookman: Gastro-entology*, *Wilson: Neurology*, *Yates: The Fundamentals of Internal Medicine*.

X. Clinical Medicine

Professor.....	C. W. Holland (Head of Dept.).
Associate Professors.....	J. R. Corston.
Assistant Professors.....	J. W. Reid, J. W. MacIntosh, T. M. Sieniewicz.
Clinical Instructor.....	C. B. Marshall (Neurology), D. J. Tomning.
Demonstrator.....	C. J. W. Beckwith.
	W. J. Dyer.

A short introduction to Clinical Medicine with applied anatomy, physiology and biochemistry is given to second year students.

In the third year the students are divided into small groups and receive clinical instruction at the Victoria General Hospital, the Halifax Tuberculosis Hospital, the Dalhousie Public Health Clinic, the Children's Hospital and Camp Hill Hospital. Clinical lectures are also given.

In the fourth year the students serve as clinical clerks at the Victoria General Hospital, the Halifax Tuberculosis Hospital, the Dalhousie Public Health Clinic, the Children's Hospital, Camp Hill Hospital and the Grace Maternity Hospital. Clinical conferences and lectures are conducted at the Victoria General Hospital. Out-patient Clinics in the specialties are attended in small groups at the Dalhousie Public Health Clinic. Students attend in small groups at the City of Halifax Hospital for Infectious Diseases.

Clinical Physiology: A course designed to show the students the application of physiology, biochemistry and pharmacology to clinical medicine is given in the third year.

Text Books: *Norris and Landis: Diseases of the Chest and Principles of Physical Diagnosis*, *Rebert and Mosher: Manual of Physical and Clinical Diagnosis*, *Purves Stewart: Disorders of Diseases of the Nervous System*, *Roemer: Medical History and Case Taking*.

Reference Books: *Medicine: Systems in Diagnosis*.

XI. Therapeutics

Clinical Therapeutics is taken up in the regular courses in Medicine. This work is supplemented by a series of demonstrations on electro-therapy, hydro-therapy, massage and clinical dietetics, given in the fourth year. Instruction in prescription writing is also given.

Text Books: *Rubell: Medical Treatment of Diseases*, *Chroberling: Modern Methods of Treatment*, *David Campbell: Handbook of Therapeutics*, *Bookman: Treatment in General Practice*, *Dunlop: Text Book of Medical Treatment*.

XII. Medical Jurisprudence and Toxicology

Lecturer..... A. E. Murray.

A short course of lectures, in the fourth year, is devoted to the consideration of the more common medico-legal problems, and the class attends (in groups) at autopsies on medico-legal cases. Instruction in Toxicology is given by the Professor of Pharmacology during the fourth year.

Text Books: *Gilbert: Text Book of Medical Jurisprudence and Toxicology*, *Thibaut: Clinical Toxicology*.

XIII. Psychiatry

Associate Professor.....	R. O. Jones.
Assistant Professor.....	R. W. M. Mackay.
Clinical Instructor.....	
Instructors.....	Jessie M. Lawrence, C. Eileen Phinney.
Lecturers.....	W. Leslie, M. C. Wallman.

The course consists of a series of lectures in Psychobiology in the First Year, during which each student is required to write a study of his own personality, designed to give a grasp of normal personality function, important factors in personality development and the importance of psychological concepts in all medical work.

A course of didactic lectures covering fundamental considerations in psychopathology, with a description of the various reaction types and instruction in methods of psychiatric examination is given in the Second Year. Throughout, emphasis is laid on the psychiatric aspect of general medicine, psychosomatic illnesses, and commonly occurring problems of child behavior.

In the Third Year, lecture courses in clinical psychiatry are given, covering the various reaction types with special reference to those most commonly met in general medicine. Problems of the nervous, psychosomatic medicine and the application of psychiatric principles in general medical practice are especially considered.

In the Fourth Year students receive individual instruction, actually examining and treating neuropsychiatric cases at the Dalhousie Public Health Clinic. The students also attend Camp Hill hospital where they have the opportunity to see cases on the neuropsychiatric ward.

Demonstrations are arranged during the year, including visits to the Nova Scotia Hospital and the City Home, Halifax.

Text Books: *Maudsley: Psychobiology and Psychiatry*, *Richards: Introduction to Psychobiology and Psychiatry for Nurses*, *Billing: Essentials of Psychobiology and Psychiatry*, *Stricker and Ehrlich: Practical Clinical Psychiatry*, *Stricker: Essentials of Psychiatry*.

XIV. Surgery

<i>Professors</i>	W. Alan Curry (Head of Dept.), J. G. MacDonnell, G. H. Murphy.
<i>Associate Professors</i>	C. E. Kinley, V. O. Mader, N. H. Gosse, J. V. Graham.
<i>Assistant Professors</i>	F. B. Davis, E. F. Ross, A. L. Murphy, H. D. O'Brien, J. A. Noble, J. W. Merritt, T. B. Asker, J. C. Asker.

A course of lectures, two hours a week, on the general principles of Surgery, is given during the third year. Dental students are not required to take lectures on fractures of limbs.

A course of lectures, one hour a week, on Regional Surgery, is given during the fourth year.

Surgico-pathological conferences are held weekly during the fourth year at which the student has the privilege of hearing surgical cases discussed from the standpoint of diagnosis, operative procedure, and pathological findings.

The Victoria General Hospital and Medical College offer a two-year post-graduate course in general surgery and the basic medical sciences. This course is planned to enable graduates to qualify for specialists' examinations in general surgery and the F.R.C.S. (Canada).

Applied Anatomy.—A course in Anatomy is given in the third year dealing with those parts of the body subject frequently to surgical interference.

Text Books: Rose and Carlen, Thomas and Miles, Hazans and Christopher.

XV. Clinical Surgery

<i>Professors</i>	W. Alan Curry (Head of Dept.), J. G. MacDonnell, G. H. Murphy.
<i>Associate Professors</i>	C. E. Kinley, V. O. Mader, N. H. Gosse, J. V. Graham.
<i>Assistant Professors</i>	F. B. Davis, E. F. Ross, A. L. Murphy, H. D. O'Brien, J. A. Noble, J. W. Merritt, T. B. Asker, J. C. Asker.
<i>Clinical Instructors</i>	A. M. Marshall, P. Weatherbe, W. K. Hesse, G. L. Covert.

A short course of clinical demonstrations is given in the second year.

In the third year clinical lectures are held three times weekly. The students also receive clinical instruction in small groups at the Victoria General Hospital, the Children's Hospital, Camp Hill Hospital and at the Dalhousie Public Health Clinic. A course demonstrating the application of bandages, splints and other surgical appliances, the treatment of emergencies and minor surgery is also given.

In the fourth year the students serve as clinical clerks at the Victoria General Hospital, the Children's Hospital and at the Dalhousie Public Health Clinic. Through the courtesy of D.V.A. our students attend Camp Hill Hospital, in small groups, for instruction in Clinical Surgery. They also attend clinical lectures and conferences. The course of Anæsthesia consists of a few lectures and practical instruction in groups of two at the Victoria General Hospital. Orthopaedic Clinics are held at the Children's Hospital and at the Dalhousie Public Health Clinic.

XVI. Urology and Dermatology

<i>Professor</i>	Frank G. Mack.
<i>Instructor in Clinical Urology</i>	C. L. Gosse.
<i>Demonstrators in Clinical Urology</i>	H. G. Quigley, J. P. L. Woodbury, C. H. Pearson.

In the third year a brief course of lectures is given in Urology.

In the fourth year about fifteen clinical lectures and demonstrations are given in Urology and an equal number in Dermatology and Syphilology. For these the class attends at the Victoria General Hospital. The class is divided into groups for clinical instruction in these subjects at the Dalhousie Public Health Clinic.

Text Books: Lowrey and Kirwin: *Clinical Urology*, 2nd. Ed. G. H. Perinck: *An Introduction to Dermatology*.

XVII. Eye, Ear, Nose and Throat Diseases

<i>Professor</i>	H. W. Schwartz (Head of Dept.).
<i>Associate Professor</i>	R. H. Stoddard.
<i>Assistant Professors</i>	H. W. Kirkpatrick, A. E. Doull, Jr., D. M. MacBae, L. G. Holland.

The third year students are divided into groups of four to six and each group is taken twice a week for six weeks and instructed in the technique of examination of the ear, nose and throat and once a week for six weeks for the eye. Emphasis is on the normal and its variations rather than on the pathological and the making of a diagnosis. At the conclusion of such courses the student is at ease with the head mirror and ophthalmoscope and is familiar with the appearance of ear drums, larynx and fundus oculi.

The Out-Patient Department, consisting of two ear, nose and throat clinics and one eye clinic a week, gives assigned students and attached internes an introduction to some of the conditions and problems they may expect to meet in their future practice.

Throughout the season lectures are given to the fourth year students once a week—fourteen on the ear, nose and throat, and eleven on the eye. These presentations are illustrated by wet and dry specimens—both anatomical and pathological and lantern slides—and the whole enriched by case reports and clinical experience. It is ever kept in mind that the student is being prepared for general practice.

Text Books: Adler: *Gifford's Text Book of Ophthalmology*. Ballenger: *Otology, Rhinology and Laryngology*. *Ferris: May's Diseases of the Eye*. *Logan Turner: Diseases of the Nose, Throat and Ear*. *Simson Hall: Diseases of the Ear, Nose and Throat*.

XVIII. Radiology

<i>Lecturer</i>	S. R. Johnston (In charge of Department).
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A short course of lectures on X-ray diagnosis and the therapeutics of X-ray and Radium is given in the third year.

The students of the third and fourth years in groups of two receive personal instruction in fluoroscopic demonstration, examination of films and the principles of radio-therapeutics.

XIX. Obstetrics and Gynaecology

Professor.....	H. B. Atlee (Head of Dept.).
Associate Professor.....	W. G. Colwell.
Lecturer.....	K. M. Grant.
Demonstrator of Practical Obstetrics.....	F. A. Macdonald, (Chief of Clinics).

Obstetrics: A course of lantern and moving picture demonstrations two hours per week is given to the third year. In addition groups in the fourth year are given manikin demonstrations.

In the third and fourth years instruction is given in prenatal care at the Dalhousie Public Health Clinic and at the Grace Maternity Hospital, and students attend in rotation at the Grace Maternity Hospital for clinical instruction in Obstetrics. Students who have acquired proficiency are attached, in rotation, to the "obstetrical unit" for attendance on obstetrical patients at their homes. Fourth year groups attend the Grace Hospital three times a week for rounds.

Gynaecology: A course of preliminary clinical instruction is given in the third year before Christmas at the Victoria General Hospital, after which they attend the general weekly clinic at that institution.

In the fourth year students attend the weekly general clinic and take daily group instruction at the Victoria General Hospital. Groups from this year also attend the Gynaecological clinic at the Dalhousie Public Health Clinic.

Text Books: *Obstetrics: The Teachers' Ministry. Book: Obstetrical Practice. Gynaecology: The Teachers' Director of Women. Curtis Textbook of Gynaecology.*

More Advanced Reading: *Obstetrics: DeLee's Principles and Practice of Obstetrics.*

XX. Paediatrics

Professors.....	G. B. Winwell (Head of Dept.), M. J. Carney.
Assistant Professor.....	N. B. Coward.
Demonstrator.....	Adelaide Fleming.

Lectures begin in the second year, and are continued in the third year on physical diagnosis and its special application to disease in children. In the fourth year, weekly lectures are given on the important subjects of paediatrics. A clinical lecture is held twice a week at the Children's Hospital. Group clinical teaching is carried on daily throughout the session at the Children's Hospital. Clinics are also held at the Dalhousie Public Health Clinic and the Grace Maternity Hospital. In the fifth year, the interns receive instruction in the more frequent procedures in the diagnosis and treatment of diseases of children.

In this department no systematic didactic lectures are given. The teaching is entirely clinical or by means of manikin or other demonstrations. In order to make up for the lack of didactic lectures the student is urged to read the material such lectures would otherwise furnish out of the recommended textbooks, and the mimeographed notes which are supplied to him.

Text Books: *Mitchell-Nelson: Text Book of Paediatrics. Gagned, Banton and Thorpe: Diseases of Children. Paterson and Minervini, 2 vols. Davison: The Complete Paediatrics.*

Reference Books: *Brommhausen: Practice of Paediatrics, 4 vols. Holt and McIntosh: Diseases of Infants and Children. Bone: The New Born Infant.*

Faculty of Dentistry

Preliminary Statement

An agreement was consummated in 1911 between the Board of Governors of Dalhousie University and the Provincial Dental Board of Nova Scotia, whereby the Maritime Dental College was merged into the Faculty of Dentistry of the University.

The instruction in the purely scientific subjects and in the professional subjects common to Dentistry and Medicine is taken by Dental students in common with the students of the Faculties of Arts and Science and of Medicine. Instruction in the Dental subjects is given in the Dental Apartments, in the south wing of the Forrest Building; these include the Infirmary and the Dental Laboratories. Abundant dental infirmary practice is available, and all operations are supervised by practitioners in active dental practice with many years' experience in teaching. The Victoria General Hospital is near by, and affords an ample surgical clinic. The Public Health Clinic contains a group of medical, surgical and dental clinics and laboratories, all in close proximity. In it are carried on adult, school and pre-school-age dental clinics, under the supervision of experienced practitioners, and excellent opportunities are thereby afforded for the study of Preventive Dentistry, Exodontia, Anaesthesia, Diagnosis, etc. The clinics are available to medical as well as dental students, thus promoting the closer association of the two professions. The laboratory of Pathology and Bacteriology which has been erected and equipped by the Hospital Commission in connection with the Victoria General Hospital affords superior facilities for both elementary and advanced study of these subjects.

Provincial Regulations

Students are reminded that the Dental degree does not necessarily qualify for admission to practise in any province, each province having its own regulations for admission, to which a candidate must conform. Particulars regarding these regulations in each of the Maritime Provinces and in Newfoundland may be obtained from the respective Dental Registrars.

Dominion Dental Council

The Dominion Dental Council of Canada is a central organization under the control of the dental profession of Canada. Its object is to erect and maintain a standard of education and ethics for the dental profession, and to conduct professional examinations and issue Certificates of Qualification which will be accepted without further examination by the provinces.* These Certificates are now accepted in all the provinces except Quebec.

Dental students who comply with the Council's Matriculation or Preliminary education requirements and term of studentship, and who graduate from an accepted Canadian dental college, and pass the examination of the Council, may be registered in any province in Canada without further examination (Quebec excepted). This privilege is enjoyed by the graduates in Dentistry of this University, as its Matriculation regulations meet the requirements of the Council, and the Faculty of Dentistry is on the accepted list of Canadian Colleges. Graduates are also eligible for admission to the licensing examination in Newfoundland, all the provinces of Canada, and many States, including New York, Massachusetts, Rhode Island and Maryland.

Dental students and graduates are eligible for the examinations of the National Board of Dental Examiners of the United States.

Graduates are exempted from Part I and admitted to Part II of Examinations of the Royal College of Surgeons, London, England, on completion of six months' hospital experience in that country.

General University Regulations

University regulations applicable to the students of all Faculties and relating to residence, church attendance, discipline, etc., will be found on p. 16 *et seq.*

The University, in recognition of its responsibility to the public, and for its own reputation, reserves the right to terminate the attendance of any student at any time should it appear that he is unlikely to reach such a standard, in the judgment of the Senate, as would warrant his admission to the practice of Dentistry. Fees cannot be refunded to students who have been dismissed for any cause.

*For information address Dr. A. J. Best, Secretary of the Dominion Dental Council, Regina, Sask.

Affiliated Courses

A Bachelor of Arts or of Science of this University who has during his Arts or Science course taken the classes of the first year in Dentistry may complete a subsequent Dental course in the University in three years. See p. 34,36.

Academic Year

The Academic Year consists of one session of eight months' duration. The session of 1948-49 will begin on Tuesday, September 14, 1948, and end on Tuesday, May 17, 1949.

No students will be admitted after noon of Monday, September 20.

Degree

The degree conferred in the Faculty of Dentistry is that of Doctor of Dental Surgery (D.D.S.).

Admission of Students

A student will not be admitted to the classes of any year, unless he has passed in all the subjects of the previous year.

Students intending to practise in any province of the Dominion or in another country are reminded that they must conform to all the regulations of that province or country.

No person under seventeen years of age is admitted to any class of the Dental Course.

Entrance Requirements

Full details of the requirements for Entrance will be found on p. 24 *et seq.*

Curriculum*

The course for the degree of Doctor of Dental Surgery extends over four years. The course is as follows:

First Year

Anatomy 1 and Practical Anatomy; Biochemistry 3; Dental and Comparative Dental Anatomy; Embryology; Histology; Physiology 1.

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

Second Year

Bacteriology 1; Pharmacology and Materia Medica; Operative Dentistry; Pathology 1; Prosthetic Dentistry and Metallurgy.

Third Year

Crown and Bridge Work; Dental Infirmary; Dental Pathology and Therapeutics; Exodontia 1; Hospital; Operative Dentistry; Orthodontics; Pathology 2; Prosthetic Dentistry; Radiology; General Surgery.

Fourth Year

Crown and Bridge Work and Ceramics; Dental Infirmary; Hygiene, Preventive and Clinical Dentistry; History, Jurisprudence, Ethics and Economics; Hospital; Operative Dentistry; Oral Surgery, Anaesthetics and Physical Diagnosis; Orthodontics; Prosthetic Dentistry; Exodontia 2.

Regulations for Degree

In addition to the Matriculation or Preliminary examination, candidates for degrees are required to pass four Professional examinations, one at the end of each year of the course, on the dates set in the University Almanac. The examinations are arranged as follows:

First Professional Examination

One paper in each of the following subjects: Dental and Comparative Dental Anatomy; Embryology; one paper and a practical examination in Histology; one paper and an oral and a practical examination in Anatomy, Biochemistry 3 and Physiology 1.

Second Professional Examination

One paper in each of the following: Exodontia; Pharmacology and Materia Medica; Operative Dentistry; Pathology; Prosthetic Dentistry and Metallurgy; one paper and an oral examination in Bacteriology.

Third Professional Examination

One paper in each of the following: Crown and Bridge Work; Dental Pathology and Therapeutics; Operative Dentistry; Orthodontics; Prosthetic Dentistry; Radiology; one paper and an oral and a practical examination in Pathology; a practical

examination in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry; and Orthodontics.

Fourth or Final Professional Examination

One paper in History, Jurisprudence, Ethics and Economics; one paper in each of the following: Crown and Bridge Work and Ceramics; Exodontia; Operative Dentistry; Oral Surgery, Anaesthetics and Physical Diagnosis; Orthodontics; Prosthetic Dentistry; a practical examination in Crown and Bridge Work and Ceramics; Operative and Prosthetic Dentistry, Orthodontics, Radiology.

Pass and Distinction Lists

The names of candidates successful in the examinations are arranged in the published lists in two divisions, the Pass and Distinction divisions. To pass a candidate must obtain a minimum mark of 50 per cent in each subject.

For Distinction in any subject he must obtain a mark of 75 per cent or over in that subject. The names in the Pass division of the list are arranged in alphabetical order; those in the Distinction list are in order of merit.

Admission to Examinations

Candidates must conform to the following requirements in order to qualify for admission to the Professional examinations:

1. They must attend the prescribed classes of the curriculum regularly and punctually. Certificates indicating less than 90 per cent of attendance upon any class will not in ordinary circumstances be accepted.
2. They must prepare such exercises, reports, etc., as may be prescribed, and in the case of classes involving laboratory or practical work they must complete such work satisfactorily. The practical requirements in Crown and Bridge Work and Ceramics, Operative and Prosthetic Dentistry, and Orthodontics, in the second, third and fourth years must be fulfilled before the theoretical examinations are written.
3. Candidates for the Final Professional examination will be required to subscribe to the following declaration with regard to their age:

Halifax, N. S. _____ 19__

I, the undersigned, being desirous of obtaining the Degree of Doctor of Dental Surgery, do hereby declare that I have attained the age of twenty-one years (or, if the case be otherwise, that, shall have attained the age of twenty-one years before the next graduation day).

(Signed) _____

Supplemental Examinations

A candidate who has failed to pass in not more than two subjects of the Professional examination of any year shall be entitled to supplemental examinations in such subjects, provided he is qualified in attendance and class work for admission to examination.

A candidate who has failed to pass in more than two subjects of any Professional examination shall not receive any credit for work done in that year.

Supplemental examinations are held on the dates specified in the University Almanac in September and during the regular Professional Examinations in the spring, but at no other times.

Application for admission to a supplemental examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the Registrar's Office, and must be accompanied by the proper fee (See p. 147).

Exemptions

Candidates may be exempted from examination in one or more subjects of the first three Professional examinations on presenting certificates of having taken equivalent classes and passed equivalent examinations at any dental college recognized by the Senate for the purpose, and complying with the regulations of the University.

Instruments and Appliances

All the heavier appliances are supplied by the University. The student must provide all other instruments, tools and material for his technic and operative work in both Laboratory and Infirmary. Students are warned not to procure operating instruments until entering College. Each student must have the instruments prescribed and of the particular make selected by the Faculty. Arrangements have been made whereby these may be procured to the best financial advantage. The borrowing of instruments is absolutely forbidden.

Medals and Prizes

For Scholarships and Prizes open to all students of the University see pp. 57-61.

University Medal in Dentistry.—This medal will be awarded on graduation to the student who stands highest in the Final Professional examination, provided he shall obtain Distinction in at least four of the five major subjects of that examination, and shall have reached an exceptionally high standing in the whole four years of his course.

The Dr. Frank Woodbury Memorial Prizes.—These prizes are awarded to students of the final year.

1st—Book Prize to the value of \$20 for the best thesis on an approved dental subject.

2nd—Book Prize to the value of \$15 for the best prosthetic and crown and bridge technic.

3rd—Book Prize to the value of \$15 for the student obtaining highest marks in the infirmary.

The Dr. W. C. Oxner Prize.—This prize will be awarded to the student of the final year showing the highest proficiency in crown and bridge procedure.

The Nova Scotia Dental Association Prizes.—Books to the value of \$25 are divided between the two students who make the best two general averages in all subjects of the Third Professional examination, provided the required standard is reached.

The Dr. W. H. H. Beckwith Prize.—This prize will be awarded to the student showing the highest proficiency in Operative Dentistry in his second and third years.

The Charles Bell Memorial Prizes.—Books to the value of \$25 to be divided between the two students who make the best two general averages in all subjects of the First Professional examination, provided the required standard is reached.

Similar prizes will be awarded for the Second Professional examination.

The Dr. I. G. Nathanson Anatomy Prize.—Books to the value of \$15 to be awarded to the student having attained the highest average on completion of the anatomy course, provided all courses of the second year of the Dental course shall have been successfully completed.

The Dr. H. S. Crosby and Dr. J. P. McGuigan Children's Dentistry Prize.—Books or periodicals to the value of \$15.00 to be awarded to the Fourth Year student who has shown the greatest aptitude for Children's Dentistry.

Modern Dental Laboratory Prize.—A book prize to be awarded to the student in the final year who has shown the greatest proficiency in the clinical practice of Prosthetic Dentistry.

The B'nai B'rith Essay Prize.—A cash prize of \$50.00 awarded to the student of the third year by a jury of award for the best essay in a subject selected annually by the Dental Faculty. The subject of the essay and the conditions of the award will be announced during the session.

Fees

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

For Registration*

Payable by students taking only one class in the University (including Library Fee of \$5.00)	\$ 16.00
Payable by students taking more than one class (including Library Fee of \$5.00)	21.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day	2.00
Additional annual fee charged to students from outside the British Empire entered in professional or pre-professional courses	250.00

For Tuition

Payable by those taking the regular prescribed curriculum, each year	\$315.00
This includes tuition, hospitals, laboratories, the use of a microscope and a dental engine, and the regular sessional examinations; but does not include registration, caution and laboratory deposits and the fees for the support of student organizations.	

No reduction will be made in tuition fees payable by a student repeating the regular classes of any one year of the curriculum.

The student must pay the fees for the full year whether the classes are attended for all or part of the course except in the case where he is compelled to withdraw from the University through illness or for some other equally valid and accepted reason.

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

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

For Examinations

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

**Supplemental examination, each subject	\$15.00
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For Certificates and Diplomas

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

***Certificate under the University seal	\$ 1.00
For D.D.S. Diploma (payable before the fourth year or final examinations, and returnable in case of failure)	20.00
Diploma, payable by those attending less than 3 years	30.00
Additional fee when a degree is conferred in absentia at the Spring Convocation	10.00

See Pages 20 to 22 for

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

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

**If application for refund of supplemental examination fees is not made within 30 days of the regular examination date, the fee will be forfeited.

***A Certificate of Standing is issued on request without charge. Additional copies if required will be issued on receipt of 10¢ per copy.

CLASSES OF INSTRUCTION

For the details of Classes in—

Anatomy, and Histology and Embryology.
Physiology.
Biochemistry.
Pathology and Bacteriology.
Pharmacology.
See p. 129 *et seq.*

Dental Anatomy and Comparative Dental Anatomy

Lecturer..... J. P. McGuigan.

Dental Anatomy.—This course includes a study of the contents of the buccal cavity from a dental standpoint. A practical course in tooth carving and dissection of the natural teeth will be carried on in the laboratory.

Comparative Dental Anatomy.—The lectures and demonstrations in this course are designed to be a study in the classification of dental types and theories of evolution of the dental organs from simple to complex forms.

Hygiene, Preventive and Clinical Dentistry

Professor..... J. S. Bagnall.
Demonstrator in Pre-School-Age Public Health Clinic A. Borden Haverstock.

This series of lectures given in the final term of the fourth year is designed to emphasize the place of dentistry as a health service. It includes a review of recent research and a discussion of the correlation between dental and systemic disease conditions. The lectures are supplemented by demonstrations in the Victoria General Hospital and in the Pre-School-Age clinic of the Public Health Centre.

Operative Dentistry

Professor..... John W. Dobson.
Lecturer..... D. C. Eaton.

The instruction in this subject begins in the second year. Students in the last two years will be engaged in infirmary practice daily under the supervision of experienced demonstrators. The work of the final year is designed to instruct the student in the details of Operative practice.

Dental Pathology and Therapeutics.

Lecturer..... A. 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.

Pharmacology and Materia Medica

Lecturer..... J. W. Dobson.

This course is given in the second year. In the first term, in the department of Pharmacology, by means of lectures and laboratory work the student becomes familiar with the principles of drug action. After Christmas the therapeutic application of drugs used in dentistry is presented in detail.

Orthodontics

Professor..... Wm. W. Woodbury.
Demonstrator..... P. S. Christie.

This subject will be presented in a course of lectures and clinical demonstrations during the last two years.

Oral Surgery, Anaesthesia and Physical Diagnosis

Associate Professor..... J. Arnold Noble.

A course of lectures on General Surgery given during the second term of the third year.

Surgery.—A course on Oral Surgery, to be given during the final year, embracing operations which the dental surgeon should be able to perform.

Anaesthesia.—General Anaesthesia will be taught along with Oral Surgery, ample opportunity being given for practical demonstrations.

Physical Diagnosis.—A short course of lectures on systemic diseases related to Medicine.

Exodontia and Anaesthesia

Professor..... O. L. Craft.
Demonstrators in the Adult Public Health Clinic..... O. L. Craft.
I. K. Lubetsky, A. G. Nutlay, P. C. Fennell.

Exodontia.—A course of weekly lectures and demonstrations in the third and fourth years, which will include the study of local and general anaesthetics. This course is supplemented by infirmary practice in the third and fourth years, and by practical work in administration of local anaesthetics and nitrous oxide in the exodontia clinic of the Public Health Centre in the final year.

Text Books: Winter, Sargent.
Reference Books: Smith, Thomas, Hewitt, DeWolf.

Radiology

Professor..... H. M. Eaton.

A course of lectures and demonstrations weekly during the third year followed by practical work in the Infirmary.

Text Book: Raper, 2nd edition.
Reference Books: McCoy, Thomas, Ogden.

Prosthetic Dentistry

Professors..... W. G. Dawson, J. S. Bagnall.

This course continues throughout the last three years. The instruction is didactic and practical.

Text Books: *American Text Book of Prosthetic Dentistry*. Kennedy; *Partial Denture*.
Reference Books: Prothers, Wilson, Campbell, Nichols.

Crown and Bridge Work and Ceramics

Professor..... G. A. Chadleigh.
Assistant Professor..... G. M. Dewis.
Lecturer..... J. E. Morrill.

This subject will be presented by lectures, demonstrations and laboratory technique. It will continue throughout the last two years, with infirmary practice.

Gold and Porcelain, Crown, Bridge and Inlay Construction will receive proper attention. Students who may desire to use their own electrical furnaces will be supplied with electric connections. Precious metals must be supplied by the students for all technique.

Text Book: DeGroot.
Reference Books: *Bridge, Crown and Bridge*. Fenton; *Crown and Bridge*. Golden; *Crown and Bridge*. Logan; *Ceramics*. Capon; *Ceramics*. Horstall; *Ceramics*.

Metallurgy

Lecturer..... J. S. Bagnall.
Demonstrator.....

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, Rosenblat, Gibes.

Dental History, Jurisprudence, Ethics and Economics

Lecturers..... G. M. Dewis, A. A. Dunlop,
F. W. Bissett, W. W. Woodbury, H. S. Crosby.

History.—History and development of Dentistry.

Reference Book: Taylor.

Ethics.—A brief statement of the important principles of morals and obligations of professional men to their patients, other practitioners and the public.

Reference Book: Noyes.

Jurisprudence.—A discussion of the subject as it affects the qualifications and responsibilities of the Dental Surgeon.

Reference Book: Reuben.

Economics.—The students' attention is directed to factors that make for success in dental practice; to a consideration of the rewards of service, and to an appreciation of their values.

Reference Book: Johnson; *Success in Dental Practice*.

UNIVERSITY LISTS

UNIVERSITY LISTS

Degrees Conferred Session 1946-47

Convocation, May 13, 1947

*—Degrees conferred during session.
**—In absentia.

Honorary Degree of Doctor of Laws

His Excellency Field-Marshal The Right
Honourable The Viscount Alexander of
Tunis, K.G., G.C.B., G.C.M.G., C.S.L.,
D.S.O., M.C., LL.D., A.D.C. OttawaThe Right Honourable Louis Stephen St.
Laurent, K.C., LL.D., Secretary of
State for External Affairs. OttawaSidney Earle Smith, K.C., M.A., LL.B.,
LL.D., D.C.L., President, University of
Toronto. TorontoMurray Macneil, M.A., Church of Scotland
Professor of Mathematics (1907-1942). HalifaxHoward Logan Benson, Ph.D., F.R.S.C.,
George Munro Professor of Physics
(1910-1946). Halifax

Master of Arts

Brown, Constance Edna, B.A. Halifax

Swanburg, Julia Aurelia, B.A. Armdale, Hfx. Co.

Andrew, Arthur Julian, B.A. Halifax

Paraday, Arthur Gordon, B.A. (McGill) Halifax

Fredericks, Rodolphe Gerard, B.A. Imperial, Hfx. Co.

Hofin, Fleming, B.A. New Glasgow, Pse. Co.

Howard, Paul Sherman, B.A. Saint John, N. B.

Kerstead, Miles Albert, B.A. (Acadia) Sussex, N. B.

McCarthy, Gerald James, B.A. Halifax

Maclean, Donald Forrest, B.A. (Acadia) Halifax

Mosher, Gerald Alfred, B.A. Halifax

Nutter, Harold Lee, B.A. (M.S.A.) Wolford, N. B.

Iloe, David Bryan, B.A. Halifax

Master of Science

Dunn, Andrew Fletcher, B.Sc. Halifax

Gerham, Eville, B.Sc. Halifax

Hatcher, Robert Douglas, B.Sc. St. John's, Nfld.

Langdon, Paul MacDonell, B.A. (Yur.) Toronto, Ont.

LeLochner, Robert Murray, B.Sc. (Mt. A.) Halifax

MacDonald, Alexander Daniel, B.Sc. Sydney, C. B. Co.

MacDonald, Robert Matthews, B.Sc. Sydney, C. B. Co.

McLellan, Hugh John, B.Sc. Sydney, C. B. Co.

Moses, Carl Johan, B.A. (Sask.) Vancouver, Sask.

Moore, Cephaeus Geoffrey, B.Sc. Dartmouth, Hfx. Co.

Sanford, Oscar Adrien, B.Sc. Halifax

Snow, James Murray, B.Sc. Halifax

UNIVERSITY LISTS

153

Bachelor of Arts

*Aronoff, Enid Berenice Halifax

Atkins, Elizabeth Clark Halifax

Cameron, Mary Elizabeth Clare Petrie Riviere, Lun. Co.

Colesman, Elsie Agnes Halifax

Duffin, Constance Marie (King's) Joggins, Cumb. Co.

Duffus, Ann Stromberg, (King's) Charlottetown, P. E. I.

Farquhar, Mary Duffus Halifax

Garson, Mildred Rose Halifax

Grubban, Dorothy Jean Halifax

Groat, Jane Bishop Halifax

Hart, Joyce Thomson (King's) Halifax

Hendry, Barbara Anne (King's) Halifax

*Knap, Margaret Elizabeth, B.Sc. Port-au-Basques, Nfld.

MacLaine, Elizabeth Mildred (King's) Charlottetown, P. E. I.

Martin, Marjorie Hazel Dartmouth, Hfx. Co.

Parker, Anne McLellan Halifax

Reeves, Elizabeth Sydney, C. B. Co.

Saunders, Catherine Estelle Seddleton, Pse. Co.

Sheppard, Winifred Florence Humbermouth, Nfld.

Silver, Isabel Joyce Dartmouth, Hfx. Co.

Stoddé, Charlotte Hawthorn Halifax

Webster, Ellen Page Yarmouth

Wong, Grace New Glasgow, Pse. Co.

Wong, Lily Lee-King New Glasgow, Pse. Co.

Bell, James Lawson Halifax

Brown, Philip Gordon Allan Wambolt (King's) Halifax

*Browhill, Donald Hugh Halifax

Campbell, George Allan Halifax

Collins, Donald St. Clair Armdale, Anna. Co.

Elliot, Arthur William Halifax

Farquhar, Alexander James Halifax

Feron, William Gordon Halifax

Forsdell, James Edmund Saint John, N. B.

Footley, David Edmund Saint John, N. B.

Fraser, James Drummond New Glasgow, Pse. Co.

MacDonald, Donald Ralph Francoise, Rich. Co.

*MacDowell, George Ferno Summerside, P. E. I.

MacEwan, John Addison (King's) Charlottetown, P. E. I.

McKay, Gerald Howard Nappan Station, Cumb. Co.

*MacLeod, John Norman Glace Bay, C. B. Co.

Mingo, James William Edgar Halifax

Purchase, Samuel Raymond Lawrencetown, N.D. Bay,
Nfld.

*Sawler, Joyce Besse Bridgewater, Lun. Co.

Thompson, Edward Prescott (King's) Bedford, Hfx. Co.

Thompson, William Harold Regina, Sask.

Bachelor of Science

Aberham, Janet Elizabeth (King's) St. John's, Nfld.

Blount, Rosemary Walston St. John's, Nfld.

Castas, Athina Dorothy Armdale, Hfx. Co.

Cochrane, Leta Naomi River Hebert, Cumb. Co.

Crosby, Joan Margaret Halifax

Jedrej, Louise Harriet	Northport, Camb. Co.
McLean, Theresa Geraldine	New Waterford, C. B. Co.
Penta, Alice Sylvia	Halifax
Snack, Kathleen Mary	Calgary, Alberta
Whitehouse, Kathleen Lindsay	Juniper, N. B.
Adams, Kirk Johnson	Glouce Bay, C. B. Co.
*Haleem, William Kenneth	Halifax
Isidore, Roger Gordon Shelford	Halifax
*Barley, Malcolm Perry	Andover, N. B.
*Burnstein, Mendel Eliot	Glouce Bay, C. B. Co.
Cook, Walter Frank	Lunenburg
Currie, Leo Lloyd	Bridgewater, Lun. Co.
Duff, Prescott Dashiell	Bridgewater, Lun. Co.
Epstein, Murray Solomon	Sydney, C. B. Co.
Ernst, William Allan	Halifax
Feltham, Dorelys Aletair Woodrow	St. John's, Nfld.
*Fleming, Alistair Melville	Bonavista, Nfld.
Hendrikan, George Leslie	Grand Bank, Nfld.
Harris, John Spurr (King's)	Annapolis Royal, Anns. Co.
Hebb, Donald Eugene	Bridgewater, Lun. Co.
Huberman, Leon	Outremont, Quebec
Johnston, James William Derek	Halifax
Kimball, Robert Guy Edgar	Halifax
*Lampert, Herbert	Moncton, N. B.
Large, Alexander Ralph	Charlottetown, P. E. I.
MacDonald, John Donald	Dartmouth, Hfx. Co.
*McInnis, Cameron	West Bay, Inv. Co.
MacIntosh, John Wilfred	Halifax
McKeough, Daniel Harvey	Sydney Mines, C. B. Co.
*MacLaren, John Andrew	Saint John, N. B.
Mayo, Samuel Raymond	Fortune, Nfld.
Newfield, Cornelius Herman Harry	Waukeg, Manitoba
Poulos, Harry Peter	Halifax
Powers, William James	Halifax
Rogers, Douglas Herbert (King's)	Halifax
Russell, Paul Power	St. John's, Nfld.
Savoy, Douglas Everett	Halifax
Smith, Leonard Fraser	Halifax
Van Beek, George John	Halifax
Wade, Robert Francis	Halifax
Wallace, Neil Paul Gregory	Halifax
Webster, Robert McNaught	Yarmouth
Weir, Donald Andrew	Frederic, Digby Co.
Whiteley, Sterling Giddings	Stellarton, Pis. Co.

Bachelor of Commerce

Irvine, Christine Isabelle	Bridgetown, Anns. Co.
MacLean, Katherine Louise	New Glasgow, Pis. Co.
*Cox, John Clare	Stellarton
Lough, George Kenneth	Halifax
MacDougall, John William	Halifax
Mont, James William	Halifax
Nathanson, Jerome Marvin	Sydney, C. B. Co.
Saunders, James Nisbet, B.A.	Stellarton, Pis. Co.

Bachelor of Music

Monaghan, Theresa Marie Veronica	Halifax
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Bachelor of Laws

Batt, Hillard Graham, B.A.	Charlottetown, P. E. I.
Blak, Donald Johnson, B.A.	Amherst, Camb. Co.
Binksey, Allan Emory, B.A.	Bridgewater, Lun. Co.
Burnett, James Evelyn	Charlottetown, P. E. I.
Cunne, Roy Henderson, B.Sc. (Juris)	Halifax
Haley, MacIn, B.A. (St. F.X.)	Halifax
Hart, Alexander Henry	Dartmouth, Hfx. Co.
Hatfield, Byron Maxwell	Halifax
Haver, Clinton Bernard, B.A., B.Sc., B.Ed. (Ansis)	Stewiack, Col. Co.
Hendry, James Melrose, B.A.	Halifax
Hickman, Thomas Alexander	Grand Bank, Nfld.
Kenney, James Kendall	New Germany, Queens Co.
McCough, Charles Peter Philip	Halifax
McGillivray, Angus Boyd	St. Andrews, Antig. Co.
*MacKay, Damsan Hugh, B.A.	Jeddore, Hfx. Co.
MacLeod, Lawrence Melville	Imperoyal, Hfx. Co.
Miffin, Arthur Samuel	Catalina, Nfld.
*Nicholson, John Paton	Charlottetown, P. E. I.
Nicholson, Peter Murray, B.Com.	Baddeck, Vic. Co.
O'Heary, Peter Joseph Thomas	Halifax
Ross, John Allister	Sydney, C. B. Co.
Taylor, Frederic Savary, B.A.	Rothsay, N. B.
Trites, Horace Beverly, B.A. (Mt. A.)	Sackville, N. B.

Doctor of Medicine and Master of Surgery

Robinson, Barbara Josephine	Marysville, N. B.
Archibald, David McDougall, B.Sc.	Glouce Bay, C. B. Co.
Atkins, Ansley Scott, B.Sc.	New Glasgow, Pis. Co.
Campbell, James Stewart, B.Sc.	Bear River, Digby Co.
Clark, Donald Stacey, B.A. (Mt. A.) B.Sc.	Halifax
Colquhoun, Gordon Fraser	North Sydney, C. B. Co.
Dawe, Gerald Amphill	St. John's, Nfld.
Fennery, Lloyd	Jarvis, B. W. I.
Giberson, Raymond George	Halmeville, N. B.
Johnson, Arthur Drysdale	Great Village, Col. Co.
Lindsay, Donald Stuart Blev	Halifax
Loder, Peter Godfrey	Corner Brook, Nfld.
MacKenzie, Douglas Haig	Sydney Mines, C. B. Co.
Maddin, William Stuart	Vanouever, B. C.
Miller, Charles Patrick, B.A. (St. F.X.)	New Waterford, C. B. Co.
Moffatt, Garfield MacLeod, B.A. (Mt. A.)	Sydney, C. B. Co.
Redmond, Edwin Benedict	Corner Brook, Nfld.
Ritchie, Halilou Guskis, B.Sc. (Ansis)	Westville, Pis. Co.
Rosch, Joseph Aloysius	New Waterford, C. B. Co.
Rodger, Kenneth Clark	Amherst, Camb. Co.
Saunders, George McKenna	Stellarton, Pis. Co.
Sheppard, George Graham, B.Sc.	Sydney, C. B. Co.
Smith, Denna Watson	Shubenacadie, Hants Co.

Sterrett, Henry Hatch Dent, A.B. (Harvard), Washington, D. C., U. S. A.
Titus, Arthur Winston, B.Sc. Yarmouth
Vaughan, James Avery Windsor, Hants Co.
Washburn, Robert Edwin Saint John, N. B.
**Wilson, George Ivan New Dominion, P. E. I.

Doctor of Dental Surgery

Burke, John Francis Sydney, C. B. Co.
Cherrin, Sidney Glace Bay, C. B. Co.
Casaak, Cornelius Gallivan, B.A., B.Sc. (St. P.X.) Sydney, C. B. Co.
Dukensky, Harry, B.Sc. Sydney, C. B. Co.
Hinch, Arthur Thomas, B.Sc. Halifax
McDonald, Alexander Vincent, B.Sc. (St. P.X.) New Waterford, C. B. Co.
McMaster, Vincent Alonso Sydney, C. B. Co.
Pentz, Donald Gordon Halifax
Steuermann, Arthur Halifax
**Zappler, Harry Sil Halifax

Graduate Diplomas in Education

Allen, Rosemary Esler, B.A. Halifax
Gilroy, Lois Ruth, B.A. Halifax
MacQuarrie, Florence Ruth, B.A. Moncton, N. B.
Murray, Joan Campbell, B.Sc. Dartmouth, Hfx. Co.
Paterson, Ruth Louise, B.A. Dartmouth, Hfx. Co.
Smith, Mary Katherine, B.A. Dartmouth, Hfx. Co.
**Hirsch, Morris, B.Sc. Sydney, C. B. Co.
Longard, Edward James, B.Sc. Halifax
Peack, Thomas Allan, B.A. Glace Bay, C. B. Co.

Licentiate of Music

Himmelman, Marie June Halifax
Rogers, Jocelyn May Halifax
Van Allen, Alexander Cornelius Halifax

Diploma in Engineering

**Baleon, William Kenneth Halifax
Bauid, Bruce Rexfrew Halifax
Bekney, William Gilbert Grover Hubbards, Hfx. Co.
Collings, Ronald Kenneth William Dartmouth, Hfx. Co.
Currie, Leo Lloyd Bridgewater, Lun. Co.
Duff, Prescott Tanton Bridgewater, Lun. Co.
Hebb, Donald Eugene Halifax
Johnson, Douglas Carmichael Halifax
McKeough, Daniel Harvey Sydney Mines, C. B. Co.
MacWilliam, Vernon Gregory Halifax
Menichions, Douglas Charles Halifax
Mosher, Medford Carl Windsor, Hants Co.
Powers, William James Halifax
*Russell, Paul Power St. John's, Nfld.
Sawyer, Douglas Everett Halifax
Smith, Leonard Frowse Halifax
Somers, Louis Wilfrid Dartmouth, Hfx. Co.

*Sutherland, John Thomas Pictou
Teasdale, Donald K. y. Dartmouth, Hfx. Co.
**Templeton, David Kirk St. John's, Nfld.
van Beek, George John Halifax
Wade, Robert Francis Halifax
Wallace, Neil Paul Gregory Halifax
Whiteley, John Joseph Dartmouth, Hfx. Co.
Wilson, James Donald Dartmouth, Hfx. Co.

Diploma of Pharmacy

Gibson, Helen Katharine St. Andrews, N. B.
Robinson, Irene Joyce Antigonish, Acadia, N.S.
Adams, Kirk Johnson Glace Bay, C. B. Co.
Cochrane, George Gilbert Perth, N. B.
Hall, Lorne Ellsworth Brookfield, Col. Co.
Merry, Eugene Andrew Middleton, Anns. Co.
Morris, William Frederick Dartmouth, Hfx. Co.
Wilbur, Lewis Blake Moncton, N. B.

HONOURS, PRIZES AND MEDALS

Diploma of Honour

English—High Honours Elizabeth Clark Atkins

Diplomas of Distinction

Distinction { James Edmund Flowering David Edmund Footley James William Edgar Mingo Douglas Herbert Rogers Gerald Howard McKay *Erin Bernice Aronoff

Graduation Prizes and Medals

The Governor-General's Gold Medal Elizabeth Clark Atkins
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University Medals:

Faculty of Arts and Science James Edmund Flowering David Edmund Footley
Faculty of Law Allan Emrys Halsey, B.A.
Faculty of Medicine Raymond George Giberson
Faculty of Dentistry Arthur Steuermann
The Avery Prize—(First Distinction Graduate) James Edmund Flowering

ENTRANCE AND UNDERGRADUATE PRIZES

Entrance Scholarships

Mathematics Entrance Scholarship	Donald Fraser MacLennan	
Memorial University College Scholarship	William Joseph Carroll	
Regional Scholarships:		
First Division		
Donald Charles Cross	Hector McInnes	Memorial Scholarship
Margaret MacMillan Goode	Hector McInnes	Memorial Scholarship
Roslyn Clare Gass	Hector McInnes	Memorial Scholarship
Jessie Carol Wood	Hector McInnes	Memorial Scholarship
Ray Donald Himmelman	Hector McInnes	Memorial Scholarship
Emma Anna Haskell	Hector McInnes	Memorial Scholarship
Second Division		
Renate Rosemarie Fisher	George H. Campbell	Memorial Scholarship
Beryl Beverly Beattie	George H. Campbell	Memorial Scholarship
Laura Aileen Steele	George H. Campbell	Memorial Scholarship
Daniel Allan Soberman	George H. Campbell	Memorial Scholarship
David Livingstone Flewelling	George H. Campbell	Memorial Scholarship
Third Division		
Norman Epstein	Cape Breton Hebrew School	Scholarship
Alexander Newell Campbell		

Undergraduate Scholarships and Prizes

Bruce Scholarship (1st year Arts and Science)	Albert Harold McMahon
George H. Campbell Memorial Scholarship (1st year Arts and Science)	Beryl Beverly Beattie
MacKenzie Scholarship (1st year Arts and Science)	Roslyn Clare Gass
Sidney C. Oland Scholarship in Mathematics (1st year Advanced Course)	Donald Fraser MacLennan
Howard Murray Bursary (1st year Classes)	1st Vincent Patrick McCarthy 2nd Jessie Carol Wood
The Ross Millar Bursary	1st yr. Maxwell Carleton Currie Lee Malcolm MacNaughton 2nd yr. John Alwyn Simms

John Stewart Chapter, I.O.D.E., Engineering Prize	Douglas Roberts Troop
Allan Pollock Scholarship (2nd year Arts and Science)	Malcolm Laurence Cameron
Jetham Blanchard Bursary (2nd year Arts and Science)	Charles Donaldson Chipman
Bruce Bursary (2nd year Arts and Science)	Wendell Holmes Jeffrey
Marion S. Morrow Chapter, I.O.D.E. Scholarship (2nd year English)	Herbert Noel Hamilton
The I. C. Stewart Scholarship	Fred Harris Whidden
Khaki University Scholarships (3rd year Arts and Science)	1st Charles Keith Hoyt 2nd Whitney Barnes Dalrymple
Evangeline Chapter, I.O.D.E. Scholarship (English)	Ceridwen Howe Buchanan
Hugh Graeme Fraser Memorial Prize (Advanced Chemistry)	John Patrick Hennessey
Archibald MacMechan Scholarship (4th year English)	Gerald Howard McKay
Women's Maritime Club (Montreal) Prize	Yvonne Jean Cougle
Waverly Prize (Mathematics)	Charles Keith Hoyt
Ross Stewart Smith Scholarship (Arts and Science)	Charles Keith Hoyt
James L. Hall Scholarship (2nd year Engineering)	William Borden Christie
Walter P. Cogg Memorial Prize (Final year Engineering)	Leo Lloyd Currie
Chemical Institute of Canada Prize	John Patrick Hennessey
Sarah M. Lawson Scholarship in Botany	Shirley Mae Rachael Mason
Henry Offman Bursary (Arts and Science)	Robert Cecil Kail
Nova Scotia Headmasters' Association Prize (Education)	Florence Ruth MacQuarrie
Dalhousie Alumni (Women's Division) Scholarship (3rd year)	Dorothy Agnes Cullen
A. N. A. Club Scholarship for Ex-Servicé Women	Helen Wilson Beveridge Clairo Roberta Knight Mary Josephine MacKenzie
Wings Club Scholarship	Charles Keith Hoyt (Honorary) John Edward Allan MacDonald Richard Harry Wooding Hill Kenneth McNeill Matthews Sherburne Graham McCurdy

Carewell Prizes (Regular Course in Law)	2nd yr. Alexander John MacIntosh, B.A. 3rd yr. Allan Emrys Blakeney, B.A.
Class of 1910 Prize (3rd year Law)	Allan Emrys Blakeney, B.A.
Class of 1911 Prize (1st year Law)	John Arthur Dunbar James William Edgar Mingo
Vincent MacDonald Prize (2nd year Law)	Murray Albert North
Professor R. J. Bean Prize (1st year Histology and Embryology)	James Charles Vibert
Professor John Cameron Prize (1st year Anatomy)	Neil Douglas Reid
Major-General G. C. Jones Prize (Practical Anatomy) (1st year)	James Charles Vibert
John Stewart Chapter (I.O.D.E.) Prize (2nd year Medicine)	Ronald Dickie MacKay
Prize in Pathology (from the Hebrew Community of Nova Scotia and New Brunswick)	Myles Gregory Tompkins
Anonymous Prize (2nd year Anatomy)	Ronald Dickie MacKay
Dalhousie Medical Alumni Scholarship	James Charles Vibert
Andrew James Curtis, M.D., Memorial Medal (4th year Obstetrics)	Angus James Neary
Dr. John F. Black Prize (4th year Surgery)	Angus James Neary
Dr. Clara Olding Prize (4th year Medicine)	Donald Carey Francis Metcalfe
Anonymous Prize (4th year Anatomy) (2nd Class)	Angus James Neary
Dr. A. F. Miller Prize (Highest Standing in Tuberculosis)	George Graham Sheppard
Colonel Murray MacLaren Memorial Award (For service as Intern at the Saint John General Hospital)	Raymond George Giberson
The Charles E. Frost Bursary	Donald Carey Francis Metcalfe
The Victoria General Hospital Prize	George McKenna Saunders
The Charles Bell Memorial Prizes (1st year Dentistry)	1st Thomas Edward Spracklin 2nd Joseph Edward McDonald
The Charles Bell Memorial Prizes (2nd year Dentistry)	1st William Henry MacNeil 2nd Eric James Whyte
Dr. W. H. H. Beckwith Prize (Operative Dentistry)	Donald Cordie Steeves
Nova Scotia Dental Association Prizes (3rd year Dentistry)	1st Donald Cordie Steeves 2nd James Michael Darcy

Dr. W. C. Osmer Prize (Crown and Bridge)	Donald Gordon Pentz
Dr. Frank Woodbury Memorial Prizes:	
Thesis.....	Arthur Steuermann
Prosthetic Technique.....	Donald Gordon Pentz
Infirmary.....	Donald Gordon Pentz
New Brunswick Pharmaceutical Society Prize (Pharmacy)	Douglas Haig Andrews
Mallinckrodt Chemical Works Ltd. Prize (Pharmacy)	George Gilbert Cochrane
Frank Wyeth Horner Medal (Pharmacy)	Helen Katharine Gibson
Henry K. Wampole and Company Ltd. Entrance Scholarship	Ralph Dunbar MacKnight
The Merck Award	George Gilbert Cochrane
The Charles E. Frost Scholarship	Ralph Talbot Sheehy
Frost Proficiency Awards:	
Group I.....	Harold James Baker John Everett Campbell
Group II.....	Versel Clinton Johnson Douglas Haig Andrews
W. H. Dennis Prizes:	
Joseph Howe Poem, 1947.....	1st William James Hennigar 2nd Irvine Ira Tagley
James DeMille Essay, 1947.....	1st Elizabeth Clark Atkins 2nd Arthur Julian Andrew
Overseas League Essay Prize	William James Hennigar
Rhodes Scholarship (for Nova Scotia)	Allan Emrys Blakeney, B.A.
Mushkat Memorial Essay Prize	Arthur William Bessie Moreira
Prizes Won by Graduates	
Dalhousie Alumni (Women's Division Scholarship) (Post-Graduate)	Dorothy Jean Graham
James Gordon MacGregor Memorial Fellowships in Physics	Alec Thompson Stewart, B.Sc. Douglas Herbert Rogers Douglas Wylie, (U.N.B.)
National Research Council Scholarships:	
Studentships.....	{ Andrew Fletcher Dunn, B.Sc. Robert Douglas Hatcher, B.Sc. Cecil John Mosen, B.A. (Sask.)
Bursary.....	Boris Lionel Fant, M.Sc. Stirling Giddings Whiteway
Halifax Ladies' Musical Club Scholarship	Lloyd George Little, B.Mus.

STUDENTS REGISTERED—1947-48

Faculty of Arts and Science

Abraham, Alfred Joseph	North Sydney, C. B. Co.
Aeros, Lloyd Ceron	Hantsport, Hants Co.
Adankiewicz, George	Halifax
Adams, Robert Creighton	Lunenburg
Adams, William Gilbert	St. John's, Nfld.
Adamson, Robert Samuel	Dartmouth, Hfx. Co.
Adamson, William Murdoch	Halifax
Aitken, Phyllis Marilyn	Harvey Station, N. B.
Akerman, Harold Boyd	Groat Village, Col. Co.
Allen, Nancy Bernice	(K) Halifax
Allen, Shenton Kenil	Yarmouth
Allen, Warren Fowler	Grand Falls, Nfld.
Allison, Laurio MacCallum	Halifax
Allsup, Doris Pauline	Halifax
Alward, Peter Turnbull	Saint John, N. B.
Anderson, Eugene Wesley	Halifax
Anderson, Henry Maxwell	Annapolis Royal, Anns. Co.
Anderson, William Duncan	Shelburne
Andrew, Douglas Haig	Long Beach, N. B.
Arae, Mary Sophia	North Sydney, C. B. Co.
Archibald, Charles Witter	Truro, Col. Co.
Archibald, James Parvus	Sydney Mines, C. B. Co.
Archibald, Marjorie MacGregor	Hahabards, Hfx. Co.
Archibald, Willis Moore	(K) Glace Bay, C. B. Co.
Arcon, Glitta	Halifax
Arsenault, Joseph Augustin	Halifax
Arthur, Henry Abe	Sydney, C. B. Co.
Asin, Earl Victor	Halifax
Asin, Herbert William	Halifax
Atkinson, Andrew Stuart	Dartmouth, Hfx. Co.
Atkinson, Hulda Frances	Logyville, N. B.
Azar, Marjorie Isabel	Sydney, C. B. Co.
Babin, James Louis	Shore Point, Yns. Co.
Bacemelas, Alfred Albert Alexis	Puimerville, Rich. Co.
Bailey, Arnold Aubrey	Fredricton, N. B.
Bailey, Jane Margaret	Lunenburg
Baines, Raymond Maurice	Saint John, N. B.
Baker, Creighton Cutler	Yarmouth
Baker, Harold James	Yarmouth
Baker, Jean Bertron	Bedford, Hfx. Co.
Baleon, Bryant Harding	Halifax
Baleon, Donald Robert	Dartmouth, Hfx. Co.
Baleon, Helen Ruth	Port Dufferin, Hfx. Co.
Baldwin, Arthur Keith	Herring Cove, Hfx. Co.
Baldwin, John Bishop	New Glasgow, Pse. Co.
Banks, Neil Leslie	Torbrook Mines, Anns. Co.
Banks, Russel Ewen	Halifax
Barbour, Chesley Lindbergh	Newtown, Bonavista Bay, Nfld.
Barnhill, Colin MacDougall	Halifax

(K) Enrolled at King's College.

Barrett, John Bowering	Bay Roberts, Nfld.
Barrett, Neil James	Glace Bay, C. B. Co.
Barns, Murray Sedley	Sydney River, C. B. Co.
Barler, Noelle Diana	Saint John, N. B.
Barlett, Sydney Wilfred	Kentville, Kings Co.
Bastien, Archibald George Willboid	St. Lucia, B. W. I.
Bateman, Foster Edward	Waverley, Hfx. Co.
Bates, Clyde Allison	Moncton, N. B.
Baxter, George	Halifax
Beaton, Clement Ferdinand	Stollton, Pse. Co.
Beattie, Beryl Beverly	Saint John, N. B.
Beatty, Ronald Ernest	Fredericton, N. B.
Beck, Karl Douglas	Halifax
Beckwith, Norman Ross	Halifax
Becker, Worthy Willett	Yarmouth
Beer, Robert Edmund	Pictou
Bell, William Thornton	Dartmouth, Hfx. Co.
Belliveau, Thomas Edwin	Weymouth, Digby Co.
Belyea, John Knight	Sackville, N. B.
Belyea, Ralph Walter	Moncton, N. B.
Bentley, Homer Donaldson	Five Islands, Col. Co.
Bentley, Thomas Kahler	Yarouover, B. C.
Berbrer, Sol	Montreal, Que.
Berabe, Paul Alphonse	Irvington-du-Loup, Que.
Best, James Elan Calbert	(K) New Glasgow, Pse. Co.
Bethune, Helen Carolyn	Halifax
Betta, Donald Bryson	(K) Wallace, Camb. Co.
Beveridge, Helen Wilson	Elmisdale, Hants Co.
Betzanson, Harry Bernard	Dartmouth, Hfx. Co.
Betzanson, Robert Charles	Sydney, C. B. Co.
Bidwell, Gillian Mary Crafton	(K) Kingston, Ont.
Bierhoff, Richard	New York City, U. S. A.
Billard, Louis Gabriel	(K) Glace Bay, C. B. Co.
Bishop, Mildred Gertrude	Halifax
Bisset, George William	Sydney, C. B. Co.
Black, William Marshall	(K) Kentville, Kings Co.
Blackwood, Herman Samuel	St. John's, Nfld.
Blackey, Willis	Donkin, C. B. Co.
Blacklard, Joseph Ansel	Bedford, N. B.
Blinkhorn, David Henry	North Sydney, C. B. Co.
Blodfield, Loris Valdolet	Halifax
Blois, Donald Robin	Halifax
Bloomer, Basil Lynn	Halifax
Bloomer, Newcomb Stanley Jacks	(K) Halifax
Blount, Rosemary Washlen	St. John's, Nfld.
Bohnd, John Eugene	Dartmouth, Hfx. Co.
Bonick, Mitchell	Glace Bay, C. B. Co.
Bonick, Nina	Glace Bay, C. B. Co.
Boodrosingh, Ronald Clarence	Port-of-Spain, Trinidad, B. W. I.
Booth, John Morton	(K) Sydney, C. B. Co.
Booth, Joseph Bertram	Essex Lake, Nfld.
Boutillier, James Earl	Bedford, Hfx. Co.
Bowering, Nathan	Coley's Point, C. B. Nfld.

(K) Enrolled at King's College.

Bowers, Jean Carol	Halifax
Bowen, Harold Gordon	Halifax
Bowman, John Allister	Halifax
Bowser, Garfield Keld	Halifax
Boyd, Harold William	Milford Station, Hants Co.
Boyd, John Earle	Glouce Bay, C. B. Co.
Bradshaw, Joan Cecelia	(K) Yarmouth
Bronton, Lois Margaret	Halifax
Bridgford, Hope Bingham	(K) Saint John, N. B.
Bridles, James Alfred	North Sydney, C. B. Co.
Broughton, Ester Amanda	Caledonia, Queens Co.
Brown, Elizabeth Laurie	(K) Saint John, N. B.
Brown, Florence	Fredericton, N. B.
Brown, James Allan Gerald	Halifax
Brown, Lieselotte	Dartmouth, Hfx. Co.
Brown, Philip Gordon Allen Wambolt	Halifax
Brown, William Alexander	Sydney, C. B. Co.
Bruce, Gesco Marie	Halifax
Bryant, Mary Alberta	(K) Charlottetown, P. E. I.
Buchanan, Cerrilwen Howe	Halifax
Bugdon, Cyril Wilfred	(K) Halifax
Bugden, Muriel Stephen	St. John's, Nfld.
Bugden, Raymond Leslie	Corner Brook, Nfld.
Bull, Ralph Le Roy	McAdam, N. B.
Bulmer, Ruth Marion	Flat Lands, N. B.
Burchell, Charles Denno	(K) Sydney, C. B. Co.
Burchill, George Stuart	(K) South Nelson, N. B.
Burchill, Mary Tremaine	(K) South Nelson, N. B.
Burden, Gordon Grant	Bridgewater, Lun. Co.
Burke, Arthur William	Grand Bank, Nfld.
Burke, Beverly Louise	Halifax
Burke, David	Halifax
Burke, Glynn Beverly	Grand Bank, Nfld.
Burns, Harry Francis	Halifax
Burris, John McCardy	Upper Musquodoboit, Hfx. Co.
Bursey, Frank Douglas	St. John's, Nfld.
Bustin, John William	Greene, Rhode Island, U. S. A.
Butler, Jack Frederick	St. John's, Nfld.
Cadet, Charles Marie Emanuel	St. Lucia, B. W. I.
Caines, George Walter	Halifax
Caines, Robert Ernest Setebell	Ketoganani, P. Q.
Calp, Leslie	Saint John, N. B.
Cameron, Eleanor Joyce	Glouce Bay, C. B. Co.
Cameron, Malcolm Laurence	Orangevale, Inv. Co.
Cameron, Mary Janet Williams	Halifax
Cameron, Robert Alan	Halifax
Cameron, Ross Vail	Halifax
Campbell, Alexander Newell	Yarmouth
Campbell, Arlington Roland	Halifax
Campbell, Donald Fraser	Halifax
Campbell, Frederic Creighton	Stewiacke, Col. Co.
Campbell, George Allan	Halifax

(K) Enrolled at King's College.

Campbell, George Lewis	Stellarton, P.E. Co.
Campbell, George Windsor	Charlottetown, P. E. I.
Campbell, Gordon Palmer	Weymouth North, Dig. Co.
Campbell, Hugh Danlop	Midlois Stewiacke, Col. Co.
Campbell, John Everett	Westville, P.E. Co.
Campbell, John George David	(K) Halifax
Campbell, John Hagen	Bridgewater, Lun. Co.
Campbell, Roy Martin	Glouce Bay, C. B. Co.
Canning, Raymond Gessner Michael	(K) Truro, Col. Co.
Cantwell, Eileen Theresa	St. John's, Nfld.
Carroll, Alfred Leon	Halifax
Carroll, William Joseph	Bonavista, Nfld.
Cason, Vernon Baxter James	Halifax
Carter, Kenneth Miller	Truro, Col. Co.
Casoy, Joan Iris	Halifax
Casoy, Michael Thomas	Halifax
Cassidy, Louis Patrick	Shediac, N. B.
Caswell, Frank Allan	(K) Coldwater, Ont.
Cato, Valerie Mary Joyce	(K) Halifax
Chaffoy, Wilbur Joseph	Rames Island, S. W. Coast, Nfld.
Chapman, Lyman Alexander	Town Mount Royal, P. Q.
Charette, Adolard	Edmundston East, N. B.
Charles, Clive Joseph	St. Lucia, B. W. I.
Chernin, Solomon	Glouce Bay, C. B. Co.
Chipman, Charles Donaldson	Halifax
Chipman, Charles Frederic	Dartmouth, Hfx. Co.
Chipman, David Hieshae	Halifax
Chipman, Ethel Freda	Halifax
Chisholm, William Murdoch	Dartmouth, Hfx. Co.
Christie, Mary Louise	Halifax
Christie, Walter Leslie	Head of St. Margaret's Bay, Hfx. Co.
Christie, William Berdon	Digby
Churchill, Roy Kingsley	Halifax
Civen, Mirron	Dorchester, Mass., U. S. A.
Clabane, Thomas Francis	Bedford, Hfx. Co.
Clark, Donald Burdige	(K) Paresell's Cove, Hfx. Co.
Clarke, Lorne Otis	Malagash, Cumb. Co.
Clackson, James Allan	Halifax
Cleveland, Allan Clyde	Liverpool, Queens Co.
Closton, Ewart Ernest	St. John's, Nfld.
Clinett, Maxwell Lewis	Lunenburg
Cochran, Charles Bruce Chambers	Halifax
Cochrane, Malcolm Bigelow	Port Arthur, Ont.
Cohen, Justin Stuart	Sydney, C. B. Co.
Colborne, Edward Neil	Sydney, C. B. Co.
Coldwell, Kenneth Ross	Hantsport, Hants Co.
Coles, Gordon Francis	(K) Halifax
Collie, Margaret Marion	Ever John, P.E. Co.
Collins, Allan Frederick	Dartmouth, Hfx. Co.
ComEAU, Robert Gregory	Halifax
Commerford, John Albert	Elmsdale, Hants Co.
Condy, William Albert	Springhill, Cumb. Co.
Conplon, Florence Mary Harris	(K) Dartmouth, Hfx. Co.

(K) Enrolled at King's College.

Connell, William Francis	Halifax
Connely, Charles Edward	Campbellton, N. B.
Connolly, Edward Francis	Halifax
Connors, John Thomas	St. John's, Nfld.
Conrad, Arthur Wilbert	Halifax
Conrod, Mary Constance	(K) Halifax
Conrod, Warren Samuel	Grand Desert, Hfx. Co.
Constable, William James Elwood	Moncton, N. B.
Conter, Ralph	(K) New Waterford, C. B. Co.
Cook, Arthur Ronald	Halifax
Cook, Eric Vernon	(K) Bridgewater, Lun. Co.
Cook, George Harvey	Urbasia, Hants Co.
Cook, Margaret Joan	Bridgewater, Lun. Co.
Cook, William Arthur	Washington, D. C., U. S. A.
Cooks, John Foronide	Sydney, C. B. Co.
Cooke, Ronald George	Halifax
Coolley, Doris Marie	(K) Wolfville, Kings Co.
Cooper, Donald Ward	Halifax
Cooper, Harry Rhodes	(K) Halifax
Copeland, Charles Allison	Bridgewater, Lun. Co.
Corbin, Harry Sinclair Parker	(K) Conquerall Bank, Lun. Co.
Cormier, Ivan Canille	Edmundston, N. B.
Cough, Yvonne Jean	Woodstock, N. B.
Coulson, Bruce Kair	Northam, P. E. I.
Coupland, James George	Ottawa, Ont.
Cousins, Charman Leslie	Halifax
Cowan, Lois Annabelle	Halifax
Cowan, Ralph Glendon	Halifax
Coward, Alfred Reginald	Sydney, C. B. Co.
Cox, Douglas Maxwell	Halifax
Cox, James Arthur	Shelburne
Craig, Geraldine Frances	Halifax
Crandall, Robert Gordon	Moncton, N. B.
Crawford, Gerald James Browning	(K) St. John's, Nfld.
Cresslan, Roy	Halifax
Creighton, Bernard Sydney	Armdale, Hfx. Co.
Croft, Ainsley Milward	Dartmouth, Hfx. Co.
Crown, Frederic	Halifax
Crosby, Patrick Thomas	Halifax
Crosby, Waldo Barnell	Kingsport, Kings Co.
Cross, Donald Charles	Hebville, Lun. Co.
Cross, Frederick John Patrick	Halifax
Cross, George Elliot	Bridgewater, Lun. Co.
Cross, Roberta Josette	Clareville, Nfld.
Crosse, Arthur John	Lunenburg
Crouse, George Boyd	Cresnetown, Lun. Co.
Crouse, Robert Darwin	(K) Cresnetown, Lun. Co.
Crouse, Robert Ivan	Lunenburg
Crowe, Mary Louisa	Stewiacke, Col. Co.
Crowell, Edwin Harvey	Halifax
Crowell, Robert Guileford	Truro
Cruikshank, Alfred Gordon	Truro, Col. Co.
Cruikshank, Elsie May	Jellimore, Hfx. Co.

(K) Enrolled at King's College.

Cruikshank, James William	Sydney, C. B. Co.
Cull, James Albert	Beaufort's Point, Hfx. Co.
Cullen, Dorothy Agnes	Cardigan, P. E. I.
Cullens, John Wimberly	South Cove, Vie. Co.
Cullinan, Louis Vincent	Saint John, N. B.
Curran, Alan Hugh	Bedford, Hfx. Co.
Currie, Maxwell Carleton	Montague, P. E. I.
Currie, Wilfred Douglas	Bridgewater, Lun. Co.
Curry, Leon Archibald	Falmouth, Hants Co.
Cyr, Constance Jacqueline	St. Leonard, N. B.
Dallion, Peter John	Sydney, C. B. Co.
Dalrymple, Whitney Barthes	Bridgetown, Anns. Co.
Dalzell, Arthur Irvine	Casualia, N. B.
Dauphinee, Gerald Albert	Beaver Bank, Hfx. Co.
Dauphinee, Kenneth Allan	Halifax
Dauphinee, Maurice William	Halifax
Davis, George Walder	Halifax
Davis, Roy Walcott	Halifax
Davison, James Carl	Truro, Col. Co.
Davison, Wilbert Lloyd	Truro, Col. Co.
Davison, William Greenough	Basin River, Col. Co.
Day, Lee Albee	Halifax
De Carteret, Angela Carman	Seaburg, Shel. Co.
Decker, Wentworth Burns Lewis	Felham, New York, U. S. A.
Demers, John Richard	Halifax
Dent, John Joseph	Dartmouth, Hfx. Co.
Dewar, Joan Eileen	Truro, Col. Co.
DeYoung, Roy Francis	Halifax
Dicks, John Bartlett	Flaccinia Bay, Nfld.
Dickson, Donald Rishie	Tusket, Yae. Co.
Dickson, George Haedid	Stellarton, Prc. Co.
Deane, Frances Whitman	Halifax
Deane, George Leslie	Yarmouth
Deane, Joan McNeil	Halifax
Deans, Warren Frank Stanley	Barrington, Shel. Co.
Debon, Douglas Lalloo	Halifax
Deekrill, Lionel Gordon Clement	Armdale, Hfx. Co.
Dodge, Herbert Wesley	Bridgewater, Lun. Co.
Dodrig, John Spengale Haston	Middleton, Anns. Co.
Doug, Peter Ramsey	Halifax
Dooley, Joseph Clarence	Charlottetown, P. E. I.
Dorey, Edmund Thomas	Head of St. Margaret's Bay, Hfx. Co.
Doucette, Francis Leo Gregory	Halifax
Doucette, Vernon Joseph	Yarmouth
Douglas, Charles Millett	Caledonia, Queens Co.
Doull, Jean Frances	Halifax
Doull, Marjorie Elizabeth	Halifax
Dow, Reginald Robert	Canterbury, N. B.
Dowling, Francis Guy	(K) Halifax
Dowling, Christopher Joseph	Moore Jaw, Saak.
Doyle, Alexander Weeks	Bedford, Hfx. Co.
Dryden, Robert Douglas	Halifax

(K) Enrolled at King's College.

Drycyswyde, Lelayne Sharon	(K) Vancouver, B. C.
Duggan, Kenneth Francis	Halifax
Dukeshire, Aiden Greenalade	(K) Clementsport, Anns. Co.
Dunlop, Stephen Blair	Halifax
Dunn, John Darrell	Midleton, Anns. Co.
Dwyer, Gerald David	Halifax
Eddy, George Everett	Bathurst, N. B.
Eisenhauer, William Leach	(K) Bridgewater, Lun. Co.
Elliott, George Andrew Thomas	Halifax
Elliott, Henry Charles	Halifax
Elkoff, Norman Arthur	Bridgewater, Lun. Co.
Ellis, Claude Walsford	Milton, Queens Co.
Ellis, James Eric	Dentalton, P. E. I.
Ellis, Mildred Coleridge	Bloomfield, N. B.
Elkeworth, William Redmond	New Waterford, C. B. Co.
Elop, Gordon Harry	Armdale, Hfx. Co.
Emblee, Jesse Bellaine	Fort Hawkesbury, Inv. Co.
Emmese, Suzanne Helen	Fort Hawkesbury, Inv. Co.
Emmons, Frederick Charles	Brooklyn, Queens Co.
Emmott, George Edward	Halifax
Emman, Donald James	Truro, Col. Co.
Epstein, Everett	St. John's, Nfld.
Epstein, Norman	Sydney, C. B. Co.
Epstein, Ray	Yarmouth
Etelegary, Louis Michael	Halifax
Etter, Stanley Malcolm	Shubenacadie, Hants Co.
Ettinger, Jacqueline Debra	Halifax
Eustace, Margaret Maad Gallop	Halifax
Evans, Baxter Hammond	Halifax
Evans, Donald Edwards	Halifax
Farmer, Beryl Joyce	Halifax
Farquhar, Mary Duffin	Halifax
Farquharson, Kenneth Lionel	Halifax
Faulkner, Guy Herbert	Halifax
Faulkner, Lewis Frederick	Upper Economy, Col. Co.
Fear, Robert MacDougal	Moncton, N. B.
Fellows, Noel William	Halifax
Fellman, Llewellyn Alistair Woodrow	St. John's, Nfld.
Fenton, James Bowen	Halifax
Ferguson, Daniel Alexander	Glace Bay, C. B. Co.
Ferguson, Douglas Campbell	Armdale, Hfx. Co.
Ferguson, Gordon Stewart	Glace Bay, C. B. Co.
Ferguson, Allan Arthur	Port Moran, C. B. Co.
Ferguson, Fergus Alexander Adair (K)	Cornwallis, Anns. Co.
Feron, Austin Peter	Halifax
Flander, Thomas Edison	Glace Bay, C. B. Co.
Flelding, Harlow Watson	Dartmouth, Hfx. Co.
Findlay, Melvin John	(K) Dartmouth, Hfx. Co.
Findlay, Wallace Irwin	Stellarton, P. Co.
Fisher, Renate Rosemarie	Saint John, N. B.
Fiske, Raymond Ivan	Middle Musquodoboit, Hfx. Co.

(K) Enrolled at King's College.

Fitzner, Stanley Joseph	(K) Halifax
Fitzpatrick, John Anthony	Halifax
Fleming, Gwendolyn Holly	Rothsay, N. B.
Fleming, William Lewis Paul	Saint John, N. B.
Flemming, Keith Grant	Upper Musquodoboit, Hfx. Co.
Flewelling, David Livingston	Bridgewater, Lun. Co.
Flewelling, Malcolm Lambert	(K) Bridgetown, Anns. Co.
Flinn, Charles Joseph	Halifax
Folland, Percy Marks	Freestown, P. E. I.
Foolhey, David Edmund	Saint John, N. B.
Footo, Frederick Stephen	Marigonish, P. Co.
Forbes, Edgar Williams	Dartmouth, Hfx. Co.
Forrest, Dorothy Mabel	Ambert Point, Camb. Co.
Forrest, Jack Malcolm	Arichat, Rich. Co.
Foster, Gerald Carlton Leonard	Ottawa, Ont.
Fowl, George Eldrid	Centreville, Kings Co.
Fradiak, Allan John Albertson	(K) Halifax
Frankin, Daniel Henderson	Halifax
Frankin, Elliott Maynard Claude	Digby
Fraser, Alex Gordon	Truro, Col. Co.
Fraser, Alister MacDonald	New Glasgow, P. Co.
Fraser, Clarence Earle	Moncton, N. B.
Fraser, Everett Burton	Elmisdale, Hants Co.
Fraser, Gretchen	Halifax
Fraser, James Kenneth	Halifax
Fraser, Jeanne Elizabeth	New Glasgow, P. Co.
Fraser, John James	(K) Trenton, P. Co.
Fraser, Roy Alexander	Pictou
Fraser, William Wilson	Stellarton, P. Co.
Fraser, Rowland Cardwell	St. Stephen, N. B.
Fraser, Thomas Hunter	(K) Stellarton, P. Co.
Frederickson, Ernest Alexander	Sydney, C. B. Co.
Freedman, Bernard	Saint John, N. B.
Freedman, John Henry	Halifax
French, Desmond James	Grand Falls, Nfld.
Furlong, James Albertus	Musquodoboit Harbour, Hfx. Co.
Gabriel, Frederick John Rowell	Annapolis Royal, Anns. Co.
Gagnon, Ludger Ronald	Edmundston, N. B.
Galey, Leonard Joseph	(K) Sussex, N. B.
Gallant, Francis Frederick	Bloomfield, P. E. I.
Gallay, Adina	Glace Bay, C. B. Co.
Ganzong, Kingston Burnett	Hartland, N. B.
Gardner, Olin Proffwood	Halifax
Gardiner, Williams Greig	Yarmouth, Ont.
Garrison, Gordon Alfred	Halifax
Garson, Ethel Rene	Saint John, N. B.
Garson, Jerome Jack	Yarmouth
Garson, Ralph	Halifax, N. B.
Gass, David Alexander	Backville, N. B.
Gates, Archibald Durham	Dartmouth, Hfx. Co.
Gates, Wilfred Allen	Weymouth Mills, Digby Co.
Gaudin, Philip Bernard	South Nelson Road, N. B.
Gezge, David	St. John's, Nfld.

(K) Enrolled at King's College.

Geener, Lloyd Roscoe	(K) Wolfville, Kings Co.
Gibb, David Smith	(K) Coles Island, N. B.
Giffin, Robert Karle	Malbone Bay, Lun. Co.
Gillis, James Donald	Sydney, C. B. Co.
Gillingham, Ralph Garland	Safe Harbour, Nfld.
Gillis, David Allan	Halifax
Gillis, Donald Mowbray	Halifax
Gillis, James Crichton	Truro, Col. Co.
Gishes, Anthony Vincent	Amherst, Camb. Co.
Gleikman, Maurice	Sydney, C. B. Co.
Glabe, Marjane Anne	Harrison, New York, U. S. A.
Glabe, Mitchell Podroff	Halifax
Glabe, Richard Hillard	Halifax
Godfrey, Helen Patricia	Halifax
Golburgh, Marjorie Lee	Radiata, New Jersey, U. S. A.
Goldman, Murray	Glace Bay, C. B. Co.
Gomez, Aida	Bogota, Columbia, S. A.
Gosel, Margaret MacMillan	Pictou
Gordon, Alfred	Halifax
Gordon, Peter Campbell	Halifax
Gorsham, Anne Louise	(K) Halifax
Gorsley, Jean La Verne	Amazopsis Royal, Atna. Co.
Gosbee, Kenneth Douglas	Halifax
Gossnek, Solomon Srl.	Montreal, Quebec
Gough, Cyril Hanson	Elliotton, T. B., Nfld.
Gower, Less Mae	Halifax
Gower, Nina Blanche	Halifax
Gowrie, Robert Albery	Tramping Lake, Sask.
Graham, David Murray	Truro, Col. Co.
Graham, Dorothy Jean	Halifax
Graham, George Malcolm	Farraboro, Camb. Co.
Graham, John Aubrey	Fox River, Camb. Co.
Grandy, Lloyd George	North Sydney, C. B. Co.
Grandy, Paul Ritchie	Halifax
Graves, Kath Richard	Dartmouth, Hfx. Co.
Graves, Robert Bowen	Dartmouth, Hfx. Co.
Graves, Zen Robert Ross	Halifax
Gray, James Goode	Bedford, Hfx. Co.
Green, Allan	Halifax
Geeg, Donald Garrett	Truro, Col. Co.
Gregory, George Augustus	Boothbay Harbour, Maine, U. S. A.
Griffin, Derek Selwyn	Halifax
Griffith, Eleanor Elizabeth	Dartmouth, Hfx. Co.
Gundry, Joseph Burton	Campbellton, N. B.
Guns, Claire Archibald	Stellarton, P. E. Co.
Gay, Earl Frederick	(K) Sydney Mines, C. B. Co.
Gay, Thomas Cameron	Brigewater, Lun. Co.
Hall, Horace Stanley	St. John's, Nfld.
Hall, Howard Frank Ruggles	Petite Riviere, Lun. Co.
Hall, Thompson Brinton	Halifax
Halperin, Irving Joseph	Montreal, Quebec
Hanschury, Esther Reva	Glace Bay, C. B. Co.
Hamilton, Herbert Noel	Saint John, N. B.

(K) Enrolled at King's College.

Hamilton, Rosborough Brylone	Marville, Ontario.
Hamilton, Roy Oliver	Spanish Town, Jamaica, B. W. I.
Hanington, Peter	Saint John, N. B.
Hanna, John Vance	Winnipeg, Man.
Hanshan, Joan Margaret	Halifax
Hanson, Peter Edward Wittenstrom	Puqwash Junction, Camb. Co.
Hastie, Banning Henry	Amherst, Camb. Co.
Hastling, Paul Archibald	North Sydney, C. B. Co.
Hasty, Clarence Mass.	Halifax
Hare, Arthur Edward	Halifax
Hare, Sanford Webster	Truro, Col. Co.
Harley, Edward Gibson	(K) Rethesay, N. B.
Harlow, Daniel Logan	(K) Bridgetown, Anta. Co.
Harrington, Anne Courtney	(K) Rethesay, N. B.
Harris, Alfred Lionel Anthony	Three Rivers, Que.
Harris, Arthur Clifford	Halifax
Harris, Donald Mitchell	Halifax
Harris, Donald Sydney	Bedford, Hfx. Co.
Harris, Emory Gordon	(K) Halifax
Harris, Halvanda Elizabeth	Bedford, Hfx. Co.
Harris, Harold Randall	Halifax
Harris, James Anderson	Glace Bay, C. B. Co.
Harris, James Hugh	Halifax
Harrison, Donald Henry	Pembroke, Bermuda
Hart, Gilbert Bertou	Middleton, Anta. Co.
Hartigan, Daniel Ronald	North Sydney, C. B. Co.
Harting, Arthur Charles	Halifax
Harvey, Leonard Morton	Bedford, Vie. Co.
Haskell, Emma Anna	Truro, Col. Co.
Hatherly, John Wylie	River Herbert, Camb. Co.
Hatt, Margaret Ethelwyn	(K) Weymouth, Digby Co.
Hattie, John Duncan	Halifax
Haverstock, Lloyd Robert	Hammonds Plains, Hfx. Co.
Havill, Robert Bruce	Armadale, Hfx. Co.
Hawes, John Conrad	Hazel Hill, Guys. Co.
Hawkins, Gerald Benedict	Truro, Col. Co.
Hawwood, Jeanne	(K) Halifax
Hebb, Cecil St. Clair	(K) Bridgewater, Lun. Co.
Hebb, Phillip Clarence Willis	Halifax
Heekman, Philip Jeffrey	Halifax
Heffer, Tremaine Edmund	Halifax
Heighon, Ernest Lygid	Pictou
Hesse, Roland Wallace	Norton, N. B.
Hessner, Clarence Douglas	Liverpool, Queens Co.
Henson, John Murray	Milton, Queens Co.
Hemming, Cyril George	Dartmouth, Hfx. Co.
Henderson, Ian Hallburton Smith	(K) Halifax
Henderson, James Lynn Scott	(K) Halifax
Henderson, John Alexander Galbraith	Sackville, N. B.
Henderson, Nancy Elizabeth	Halifax
Hennessey, John Patrick	St. John's, Nfld.
Hennigar, Graham Pines	Truro, Col. Co.
Hennigar, William James	Truro, Col. Co.

(K) Enrolled at King's College.

Hess, David Henry Alan	Halifax
Hibbitts, John Bernard	(K) Halifax
Hickman, Donald Eugene	Oxford, Camb. Co.
Higgins, Lyla Bernice	Trenton, Pie. Co.
Hill, Ralph Pittman	Armadale, Hfr. Co.
Hill, Richard Harry Wooding	Lunenburg
Hills, Edith Ester Hatfield	Tusket, Yarmouth Co.
Himmelman, Ray Donald	Halifax
Hines, George Daleyville Emmett	Glace Bay, C. B. Co.
Hines, Laura Shirley	Dartmouth, Hfr. Co.
Hodgson, Robert Wilbert	North Woodside, Hfr. Co.
Hoffman, Bernice Deborah	Saint John, N. B.
Hollway, Eric Harold	Halifax
Holloway, Thomas Robert	Halifax
Holmes, Clarence Courtney	Arsenault, Kings Co.
Holmes, James Alexander	Sussexton, Sask.
Holmes, John Sherman	Halifax
Hood, Albert William	Halifax
Hood, Charles Henry	Armadale, Hfr. Co.
Horne, Lindon Joseph	Waverley, Hfr. Co.
Howard, George Foster	Yammina, Ont.
Howard, Cecil Douglas	Halifax
Hoyt, Charles Keith	North Sydney, C. B. Co.
Hubley, Earle Alexander	Halifax
Hubble, Owen Glen	Halifax
Hudson, Aubrey Demaree	Moncton, N. B.
Hughes, Arthur Giesch	Saint John, N. B.
Humphreys, Reginald Duncan	Woodside, Hfr. Co.
Hunt, Penzance Augustina	Sydney, C. B. Co.
Huntington, Beverly Joan	Sydney River, C. B. Co.
Ibsen, Harry Borden	Halifax
Inglis, Frederic Graham	Halifax
Ingram, William Eric	(K) Lunenburg, Rich. Co.
Inkpen, David Sherman	Halifax
Innes, Lorna Carole	Halifax
Isnor, Donald Edward	Halifax
Ivey, Clarence Holten	Sydney Mines, C. B. Co.
Jackson, Leslie Walker	Bridgewater, Lun. Co.
Jauch, Warren	Halifax
Jagger, Douglas Charles	Halifax, New York, U. S. A.
James, Kenneth Neil	Halifax
Jamieson, William David	Halifax
Jassy, Mohammed Gordon	Annapolis Royal, Anns. Co.
Jay, Cecil Elmer	Peabody Station, P. E. I.
Jefferson, Philip Clarke	(K) Halifax
Jeffrey, Robert Earle	Montreal, Que.
Jeffrey, Wendell Holmes	Sandy Cove, Digby Co.
Jenkins, John Charles	New Glasgow, Pie. Co.
Jodrey, Louise Harriet	Northport, Camb. Co.
Johnson, Donald Vance Godshall	Woodmount, Que.
Johnson, Douglas Henry	Halifax

(K) Enrolled at King's College.

Johnson, Geraldine Frances	Saint John, N. B.
Johnson, Herbert Miller	Corner Brook, Nfld.
Johnson, James Arthur	Dartmouth, Hfr. Co.
Johnston, James William Derek	Halifax
Johnston, Lloyd Clifton	North Sydney, C. B. Co.
Johnstone, Albert Arnold	Sydney, C. B. Co.
Johnstone, Robert Merrill	Glace Bay, C. B. Co.
Jones, Nancy Madeline Claire	(K) Halifax
Jones, Robert Clarke	Glace Bay, C. B. Co.
Joseph, Kemal	Truro, Col. Co.
Judson, Edna Jean	Halifax
Jubien, Frances Gertrude	Halifax
Kail, Robert Cecil	Halifax
Kais, Colin Douglas Crimmon	Kentville, Kings Co.
Kaiser, Freda Kathleen	Brooklyn, Queens Co.
Kane, John Hugh	Chipman, N. B.
Kaplan, Julia	Stuarton, Pie. Co.
Kaplanosky, Elen	Saint John, N. B.
Katz, Carolyn	Pair Lawn, New Jersey, U. S. A.
Kay, Harold Arthur	(K) Yarmouth
Kear, Donald Abram	St. John's, Nfld.
Kear, William Nyles	Jordan Bay, Shesl. Co.
Keefe, Roy Gilpin	Halifax
Kelly, Danford Greenfield	(K) River Robert, Camb. Co.
Kelly, Douglas Harold Alexander	Halifax
Kelly, Thomas William	Halifax
Kennedy, George Medley	Bridgetown, Anns. Co.
Kennedy, James Gordon	Halifax
Kenny, George Edward	Wentville, Kings Co.
Kent, Kirby Nash	Truro, Col. Co.
Kenty, Harold Allan	Halifax
Kerway, Ross Wallace	Halifax
Kerr, Donald Alexander	Halifax
Kerr, George Rodenrik	Halifax
Kinchall, Robert Guy Edgar	Halifax
King, George Carlyle	Dartmouth, Hfr. Co.
Kingsbury, Herbert Clarence	Halifax
Kinley, David Charles	Halifax
Kinley, Dorothy Evelyn	Halifax
Kinley, John Robert	(K) Port Hillard, Guys. Co.
Kinley, Kathleen	Port Hillard, Guys. Co.
Kinley, Lloyd Wynnan	Sydney, C. B. Co.
Kitchin, Charlotte Frances	Stuarton, Pie. Co.
Kline, David Edwin	Halifax
Kniebel, Bernard Malcolm	Springhill, Camb. Co.
Kniebel, Robert John	Halifax
Knight, Claire Roberta	Halifax
Knight, Edmund James	Halifax
Knight, Robert Cameron	Halifax
Laha, Francis Joseph	Halifax
Laffin, Ralph Floyd	Shubenacadie, Hants Co.
Lamont, Lawrence James	Dartmouth, Hfr. Co.

(K) Enrolled at King's College.

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK
1911-1-1	Balance	100.00		
1911-1-15	John Doe	50.00	101	Bank of America
1911-1-30	Jane Smith	25.00	102	Bank of America
1911-2-15	Robert Brown	75.00	103	Bank of America
1911-3-1	William Green	30.00	104	Bank of America
1911-3-15	Thomas White	40.00	105	Bank of America
1911-3-30	Charles Black	60.00	106	Bank of America
1911-4-15	Elizabeth Gray	20.00	107	Bank of America
1911-4-30	James Blue	80.00	108	Bank of America
1911-5-15	Mary Red	15.00	109	Bank of America
1911-5-30	George Yellow	90.00	110	Bank of America
1911-6-15	Patricia Purple	35.00	111	Bank of America
1911-6-30	Richard Orange	55.00	112	Bank of America
1911-7-15	Susan Pink	45.00	113	Bank of America
1911-7-30	Donald Brown	65.00	114	Bank of America
1911-8-15	Carol Green	25.00	115	Bank of America
1911-8-30	Edward White	70.00	116	Bank of America
1911-9-15	Helen Black	30.00	117	Bank of America
1911-9-30	Frank Gray	85.00	118	Bank of America
1911-10-15	Laura Blue	18.00	119	Bank of America
1911-10-30	Robert Red	95.00	120	Bank of America
1911-11-15	Anna Yellow	22.00	121	Bank of America
1911-11-30	Joseph Purple	78.00	122	Bank of America
1911-12-15	Barbara Orange	38.00	123	Bank of America
1911-12-31	Balance	100.00		

STANDARD FORM

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK
1911-1-1	Balance	100.00		
1911-1-15	John Doe	50.00	101	Bank of America
1911-1-30	Jane Smith	25.00	102	Bank of America
1911-2-15	Robert Brown	75.00	103	Bank of America
1911-3-1	William Green	30.00	104	Bank of America
1911-3-15	Thomas White	40.00	105	Bank of America
1911-3-30	Charles Black	60.00	106	Bank of America
1911-4-15	Elizabeth Gray	20.00	107	Bank of America
1911-4-30	James Blue	80.00	108	Bank of America
1911-5-15	Mary Red	15.00	109	Bank of America
1911-5-30	George Yellow	90.00	110	Bank of America
1911-6-15	Patricia Purple	35.00	111	Bank of America
1911-6-30	Richard Orange	55.00	112	Bank of America
1911-7-15	Susan Pink	45.00	113	Bank of America
1911-7-30	Donald Brown	65.00	114	Bank of America
1911-8-15	Carol Green	25.00	115	Bank of America
1911-8-30	Edward White	70.00	116	Bank of America
1911-9-15	Helen Black	30.00	117	Bank of America
1911-9-30	Frank Gray	85.00	118	Bank of America
1911-10-15	Laura Blue	18.00	119	Bank of America
1911-10-30	Robert Red	95.00	120	Bank of America
1911-11-15	Anna Yellow	22.00	121	Bank of America
1911-11-30	Joseph Purple	78.00	122	Bank of America
1911-12-15	Barbara Orange	38.00	123	Bank of America
1911-12-31	Balance	100.00		

STANDARD FORM

MacDonald, Ian Ross	Leorda, P. Co.
MacDonald, James Arthur	Kentville, Kings Co.
MacDonald, Janel Wright	Halifax
MacDonald, Joan Elizabeth	Sunny Brae, P. Co.
MacDonald, John Edward Allan	Glace Bay, C. B. Co.
MacDonald, Kenneth William	Little Bass River, Col. Co.
MacDonald, Leon Jean	Sessis, Ont.
MacDonald, Malcolm Everett	Halifax
MacDonald, Mary Kathleen	Armdale, Hfx. Co.
MacDonald, Mason Hugh	Sydney, C. B. Co.
MacDonald, Neville Kirkwood	Halifax
MacDonald, Peter Melbourne	Bonshaw, P. E. I.
MacDonald, Peter Stewart	Halifax
MacDonald, Wallace John	Sydney, C. B. Co.
MacDonald, William Chester Stanley	Summerside, P. E. I.
MacDonald, William Gust	Halifax
MacDonald, William James	Truro, Col. Co.
MacDougall, James Glen	Rocky Point, P. E. I.
MacDougall, Robert Michael	Halifax
MacDowell, George Ferno	Summerside, P. E. I.
MacEwan, John Addison	Charlottetown, P. E. I.
MacEwan, Robert Francis	Halifax
MacFadyen, Garfield Robert	Truro, Col. Co.
MacFarlane, John Mackie	Montreal, Quebec
MacFriedge, Neill Harold	Winnipeg, Man.
McGuire, Frank Kent	Windsor Junction, Hfx. Co.
MacInnes, John Murray	Halifax
MacIntosh, Alan Wallace	Halifax
MacIntosh, Charles William	Halifax
MacIntosh, Donald Ross	Stellarton, P. Co.
MacIntosh, Edwin Livingstone	Dunloo, Rich. Co.
MacIsaac, Leo Benedict	Inverness
MacKay, Donald Hector	Halifax
MacKay, Donald John Frederick	West Bay, Rich. Co.
MacKay, Geneva Elsie	Nappan Station, Cumb. Co.
MacKay, George	Denbigh, C. B. Co.
MacKay, Gerald Howard	Nappan Station, Cumb. Co.
MacKay, James Angus	Halifax
MacKay, Mary Margaret	Halifax
MacKay, Ralph Chipman	Saint John, N. B.
MacKay, William Alexander	Grand River, Rich. Co.
MacKay, William Andrew	Halifax
McKeage, Arlington	Leamerville, Que.
McKean, Robert Gray	New Glasgow, P. Co.
McKeign, Donald Archibald	Glace Bay, C. B. Co.
McKenna, John Rogers	Saint John, N. B.
McKenna, Kevin John	Kesley's Cross, P. E. I.
McKenzie, Albert Gordon	North Sydney, C. B. Co.
McKenzie, Angus George	Halifax
McKenzie, Arthur Robert	Stellarton, P. Co.
McKenzie, Earl Russell	Halifax
McKenzie, Jean MacKay	New Glasgow, P. Co.
McKenzie, John James	Stellarton, P. Co.

(K) Enrolled at King's College.

MacKenzie, Jane Winifred	New Glasgow, P. Co.
MacKenzie, Kenneth Dale	Halifax
MacKenzie, Mary Jeanette	New Glasgow, P. Co.
MacKenzie, Reginald Leroy	Gunningsville, N. B.
MacKenzie, Robert McGrouarty	Halifax
MacKenzie, William Hartley	Bedford, Hfx. Co.
MacKillop, Angus George	(K) Glace Bay, C. B. Co.
MacKin, Thomas Reuzer Gilchrist	Halifax
MacKinlay, Arthur Norman	Glace Bay, C. B. Co.
MacKinlay, Howard Alan	Sydney, C. B. Co.
McKinney, James Russell	Summer Hill, N. B.
MacKinnon, Arnold William	Trenton, P. Co.
MacKinnon, Catherine	Halifax
MacKinnon, Hugh Charles	Halifax
MacKinnon, Patricia Mary	Truro, Col. Co.
MacKinnon, Raymond Donald	Charlottetown, P. E. I.
MacKinnon, Sylvester	Pictou
MacKinnon, Zaida Gertrude	Halifax
MacKnight, Ralph Dunbar	New Glasgow, P. Co.
McLaren, Sheila Piers	Halifax
McLenn, Charles Robert	Saint John, N. B.
McLenn, Kenneth Hector John	River Dums, Inv. Co.
McLenn, Kenneth Smith	Pictou
McLenn, Malcolm Munro	Hubbards, Hfx. Co.
McLenn, Neil James	Louisburg, C. B. Co.
McLenn, Robin	Fairvale Station, N. B.
McLenn, Walter Dawson	Stellarton, P. Co.
McLenn, William Reginald	Summerside, P. E. I.
MacLellan, Donald Benson	New Glasgow, P. Co.
MacLellan, Donald Irving	Moncton, N. B.
MacLellan, Nancy Eileen Yule	Halifax
MacLennan, Donald Fraser	Sydney, C. B. Co.
MacLennan, Donald MacKay	Halifax
MacLennan, Samuel Robert	Truro, Col. Co.
MacLeod, Adolphe Ross	Dartmouth, Hfx. Co.
MacLeod, Alexander Ross	New Glasgow, P. Co.
MacLeod, Donald Alexander	Charlottetown, P. E. I.
MacLeod, Dorothy Ann	New Glasgow, P. Co.
MacLeod, Elsworth Donald	Halifax
MacLeod, Jean Marjorie	Halifax
MacLeod, John William	New Glasgow, P. Co.
MacLeod, Mary Louise Archibald	(K) Pictou
MacLeod, Thomas Ronald	Barrie, Ont.
MacLeod, William Matthew	Halifax
McLuskie, Donald Campbell	Halifax
McMahon, Albert Harold	Aylesford, Kings Co.
McMahon, Donald Caelton	Halifax
MacMillan, Allison Chalmers	Black Point, N. B.
MacMillan, Alexander Clair	Beestown, N. B.
MacMillan, Donald Belrus	Ottawa, Ont.
MacMillan, Frances Kilmer	Charlottetown, P. E. I.
MacMillan, Malcolm Graham Peter	Glou. Haven, Hfx. Co.
MacMillan, Hay Fringie	Sydney, C. B. Co.

(K) Enrolled at King's College.

McNamara, Frank Michael	St. Stephen, N. B.
McNaughton, John Robert	Stellarton, Pto. Co.
McNaughton, Lee Malcolm	Brooklyn, Queens Co.
McNeill, Stewart Alfred	Stellarton, Pto. Co.
McNeil, Ivana Sears	New Glasgow, Pto. Co.
McNeil, Maurice Francis	Glace Bay, C. B. Co.
McNeil, Robert Gordon	Springhill, Cumb. Co.
McNeill, Lloyd Charles	St. Peter's Bay, P. E. I.
McNeill, Ronald Joseph	Rockingham, Hfx. Co.
MacOse, Harvey William	Halifax
MacQuarrie, Robert Waldron	Souris, P. E. I.
MacQuarrie, William Everton	Hampton, P. E. I.
McQuinn, John Robert	Halifax
MacRobbie, Harry Alexander	Lucky Lake, Sask.
Mack, Barbara Joan	Halifax
Madden, Margaret Joyce	Liverpool, Queens Co.
Mader, Carl Joseph	Mahone Bay, Lun. Co.
Mahabir, Kisanath	Trinidad, B. W. I.
Mahara, Sukbir Sigoolam	Trinidad, B. W. I.
Mahon, Elizabeth Helen	Halifax
Mahon, James Wendell	Halifax
Mahout, Ralph Benson	East Riverside, N. B.
Major, Pauline Isabel	Halifax
Malcolm, Frederick William	Dartmouth, Hfx. Co.
Mallett, James John	Yarmouth
Malloy, Murray Earl	Halifax
Mazumi, Vincent Sylvester	North Sydney, C. B. Co.
Mannette, William Young	Halifax
Margeson, Phyllis Jean	Halifax
Margison, Kenneth Fraser	New Glasgow, Pto. Co.
Markey, William James	Quebec City, Que.
Marshall, Alan Hamilton	(K) Halifax
Marshall, Arthur Richard	Halifax
Marshall, Carolyn Louise	(K) Springfield, Anns. Co.
Marshall, Ernest Bertram	Halifax
Marshall, Harold Eugene	Springfield, Anns. Co.
Marshall, Lindsay Reginald	Turo, Col. Co.
Marshall, Maxie	Glace Bay, C. B. Co.
Martin, Estelle Jean	Halifax
Martin, John Patrick	Dartmouth, Hfx. Co.
Martin, Marilyn Dorcas	Dartmouth, Hfx. Co.
Martin, William Harris	Springhill, Cumb. Co.
Maskell, Roy Alphonse	Dartmouth, Hfx. Co.
Mason, Keith Wentworth	(K) Tanguier, Hfx. Co.
Mason, Shirley Mae Rachel	Wallace Station, Cumb. Co.
Mattison, George Douglas	Halifax
Mattlocks, Kenneth Randall	Halifax
May, Helen Elizabeth	Digby
May, Jack Raymond	McAdam, N. B.
Mayo, Samuel Raymond	Fortune, Nfld.
Maygar, Nicholas Patrick Joseph	Halifax
Melvin, Russell Norwood	Halifax

(K) Enrolled at King's College.

Meschons, William	Halifax
Mercer, Eric Bracewell	Halifax
Merrick, Crystal Jean	Halifax
Merry, John Harley	Middleton, Anns. Co.
Messenger, Ronald Grant	Bridgetown, Anns. Co.
Milford, George Noel	Liverpool, Queens Co.
Milford, Hubert Road	Beaif, Alberta
Milne, David Lewis	Rain's John, N. B.
Milne, Donald Job	Shubenacadie, Hants Co.
Milner, Samuel Wardwell	(K) St. John's, Nfld.
Milroy, Burnie	Dunkin, C. B. Co.
Milne, Irvine Eugene	Rath, N. B.
Miligan, George Clinton	Halifax
Miligan, Leigh Alexander	Coleman, P. E. I.
Mills, Thomas Reginald	Trinity Bay, Nfld.
Milne, Peter Lennox	Trinidad, B. W. I.
Milne, Seaton Bennett	Glace Bay, C. B. Co.
Milten, Wilfred Mary Madeleine (Waddell)	Halifax
Milten, Loua Marie	New Glasgow, Pto. Co.
Mingo, James William Edgar	Halifax
Mingo, Peter Neil Edgar	Halifax
Mintz, May Diane Florence	Halifax
Mitchell, Jean Mary	Halifax
Mitchell, Reynold St. Clair	Sydney, C. B. Co.
Mitchell, Robert Oscar	Halifax
Moffatt, Douglas Stewart	Sydney, C. B. Co.
Mohanty, Gagan Behari	Cuttack, India
Moir, Carmen Frederick	Dartmouth, Hfx. Co.
Moist, William Kingsley	Dartmouth, Hfx. Co.
Moore, Carmo Sinclair	Dartmouth, Hfx. Co.
Moore, John Dawson	Halifax
Moore, Philip Henderson	Shubenacadie, Hants Co.
Moore, William John	(K) Sydney, Nfld.
Mocais, Vasso Henrique da Silva	St. John's, Nfld.
Morais, Arthur William Ronnie	St. John's, Nfld.
Morgan, Charles Robert	Guysborough
Morgan, Cyril Reeves	Armadale, Hfx. Co.
Morgan, Margaret	(K) St. John's, Nfld.
Morison, Margaret Gene MacGregor	Halifax
Morley, Lloyd Gordon	Halifax
Morris, Clarence Harry	Milton, Queens Co.
Morris, Margery Ann	Dartmouth, Hfx. Co.
Morris, William Frederick	Dartmouth, Hfx. Co.
Morrison, Angus Alister	(K) Glace Bay, C. B. Co.
Morrison, Arthur Lewis	Kentville, Kings Co.
Morrison, Gilbert Scott	Halifax
Morrison, Ian Campbell	Hunter River, P. E. I.
Morrison, James Grant	Halifax
Morrison, Jessie Walker	Armadale, Hfx. Co.
Morrison, Kenneth Allan	Loch Lomond, Rich. Co.
Morrow, James Benjamin	Lunenburg
Morrow, William Owen	Lunenburg
Moseley, John Frederic Bourinet	Halifax
Moseley, Virginia Queen	Dartmouth, Hfx. Co.

(K) Enrolled at King's College.

Mosher, George Bedford	Halifax
Mowat, John Porter Allan	Campbellton, N. B.
Muir, Dorothy Jean	Windsor, Hants Co.
Mulack, Edward Norman	Upper La Have, Lun. Co.
Munford, Robert Williams	Brooklyn, Queens Co.
Munro, Frederick James	Halifax
Murchison, James Harper	Sydney, C. B. Co.
Murphy, Francis Eugene Joseph	Halifax
Murphy, Frank Edward	Halifax
Murphy, Raymond Mary	Janonia Plains, Mass., U. S. A.
Murphy, Robert Stewart	(K) Summerside, P. E. I.
Murphy, Stanley Stewart	Base River, Col. Co.
Murray, Barbara Anne	Halifax
Murray, Orville Marchison	Cornwall, P. E. I.
Mushkat, Carl Marx	Halifax
Myra, Donald Clyde	Kispiox, Hfx. Co.
Myrden, Joan Elizabeth	Halifax
Nafel, Frederick Ernest	Halifax
Nash, Darcie David	Halifax
Neily, Harold Havoclock	Midchester, Anns. Co.
Neish, Donald Arthur	(K) New Ross, Lun. Co.
Nelson, George Bushy	New Brunswick, New Jersey, U.S.A.
Nelson, Gerald Ernest	(K) Tangier, Hfx. Co.
Nelson, Warren Henry	(K) Saint John, N. B.
Nichols, David Arthur	Truro, Col. Co.
Nichols, Duca Aline	Fairview, Hfx. Co.
Nichols, Lawson Blair	Aylesford, Kings Co.
Nicholson, Ruth Ethel	Milford Station, Hants Co.
Nicholson, Winifred Mary	Dartmouth, Hfx. Co.
Nicholson, Woodbury	Florence, C. B. Co.
Noel, Thomas Carlin	St. John's, Nfld.
Nottle, Joan Irene	Halifax
Noonan, Edwin Michael	Halifax
Norman, Howard Jackson	Halifax
Northup, James Robert	Halifax
Nunn, Alvin Ashford	Cymbria, P. E. I.
Nunn, Thomas Joseph	Halifax
Oakley, Douglas Frederick	Halifax
O'Brien, Harold Beecher	Noel, Hants Co.
O'Brien, John Bentley	Fairview, Hfx. Co.
O'Brien, Roland William	Pagwash Junction, Cumb. Co.
O'Brien, Stanley Eugene	Yarmouth
Ogilvie, Harold Sinclair	Sheet Harbour, Hfx. Co.
Ogilvie, William Douglas	Halifax
O'Neill, Margaret Rose	Halifax
O'Neill, Thomas Bernard	Quebec City, Quebec
Oel, Marie Jean	Dartmouth, Hfx. Co.
Orlando, Francis Wellington	Halifax
Orman, George Everard	Dartmouth, Hfx. Co.
Orr, William Patterson	Sackatoon, Sask.
Osborne, Robert Gordon	Arnsdale, Hfx. Co.
Otto, Harold Howard	Dartmouth, Hfx. Co.

(K) Enrolled at King's College.

Padin, Eduardo Ferreira	Tabagon, Spain
Padmore, George Francis Bertram	(K) Halifax
Page, Lester John	Halifax
Palmer, Alcock Henderson	(K) Summerside, P. E. I.
Palmer, Carl Vroom	(K) Wolford, Kings Co.
Palmer, Paul Allison	Berwick, Kings Co.
Palmeto, Ian Harold Morton	Halifax
Palmick, Samuel Hirsch	Montreal, Que.
Parker, John Rollie Eugene	Halifax
Parker, Katherine Christine	Sidartton, P. E. Co.
Parker, Muriel Jean	Annapolis Royal, Anns. Co.
Parkhill, Barbara Caldwell	Halifax
Parks, Malcolm Gordon	Petite Riviere, Lun. Co.
Parliament, Edward Leonard	Dartmouth, Hfx. Co.
Parrott, Eric George	(K) Trinity South, Nfld.
Parsons, Abel Pittman	Harcourt, Nfld.
Parsons, Bernice Mary	Halifax
Parsons, David Ralph	Bay Roberts, Nfld.
Parsons, William George	Ochre Pit Cove, Nfld.
Parsonson, Joan Elizabeth	Dartmouth, Hfx. Co.
Paton, Henry Myer	Halifax
Patton, Chasley Wilfred	Grand Bank, Nfld.
Patterson, Walter Alvin	Upper Stewiacke, Col. Co.
Pauley, John Scott	Halifax
Payzant, Geoffrey Barns	Halifax
Peart, Vernon William Montgomery	Kentville, Kings Co.
Pearson, Stanley Arthur	Truro, Col. Co.
Peckham, Ann Elizabeth	Springfield, Mass., U. S. A.
Peihany, Jerry	Halifax
Penta, Aline Sylvia	Halifax
Penta, Robert William	Halifax
Perkins, Frank Andrews	Gates Mills, Ohio, U. S. A.
Perry, Frank Stanley	Halifax
Perry, Laurence Parker	Halifax
Persad, Ralph Lakshmi	Trinidad, B. W. I.
Pertus, John Wilfred	D'Esposito, Rich. Co.
Peters, Fred Townsend	Sydney, C. B. Co.
Petrie, Elizabeth Helena	Kothessay, N. B.
Petrie, John Alfred	Charlton, N. B.
Phelps, Kenneth Proctor	Lanham, New York, U. S. A.
Phillips, Evangeline Pearl	Hantsport, Hants Co.
Phillips, Joseph Lloyd	Glace Bay, C. B. Co.
Phinney, John Ingle	Halifax
Pierre, Gordon Francis	Halifax
Piggott, Carmel Lambert	(K) Bridgetown, Anns. Co.
Pigot, Patricia Ann Marie Deleese	Halifax
Pippy, Harley Edwin	(K) Glace Bay, C. B. Co.
Prvnek, Hilliard	Sutton West, Ontario
Pond, Robert William Frederick	Halifax
Pope, William Robert	Halifax
Porrier, Eric Vernon	Halifax
Porter, Charles Dickson	Palmouth, Hants Co.
Porter, Hector McInnes	Westmount, Que.
Pothier, Hector Joseph	Weymouth, Digby Co.

(K) Enrolled at King's College.

Pettit, Stanley William	Stellarton, Piz. Co.
Pozlain, Charles Edward	Thornburn, Piz. Co.
Pozlak, Stratis Peter	Halifax
Powell, Eva Gilechrist	Pietou
Powell, Helen Grace	Pietou
Power, George Robert Irvin	Armadale, Hfx. Co.
Power, William Frederick	Lakerville, Kings Co.
Prime, Douglas Ross	Halifax
Prickler, Louis Somers	Halifax
Prime, Harley Corey	Berwick, Kings Co.
Pritchard, Ruggles Bernard	Ottawa, Ont.
Prossin, Albert	Glace Bay, C. B. Co.
Proudfoot, James Albert	Inverness
Pugh, Clayton Rudolph	Westport, Digby Co.
Pys, Howard James Gordon	Halifax
Quigley, Barbara Ann	Halifax
Quigley, Douglas Gordon	Halifax
Rafuse, Jack Pringle	Halifax
Rafuse, Keith Allen	Halifax
Ramkallip, Pevel	Trinidad, B. W. I.
Rankine, Robert Walter	Saint John, N. B.
Rashkovan, Ernest	Montreal, Que.
Ratton, Eleanor Lois	Westville, Piz. Co.
Raymond, Philip Hendry	Halifax
Reed, Avaril Burton	Amherst, Camb. Co.
Reed, Frances Mildred	Halifax
Reed, Gordon Henry Hale	(K) Ottawa, Ont.
Reed, Ronald O'Brien	Halifax
Reade, Richard Bruce	Fredericton, N. B.
Reardon, Kenneth Vincent	Halifax
Reagan, Gerald Augustine	Windsor, Hants Co.
Reid, Albert Richard	North Sydney, C. B. Co.
Reid, Herbert Walter	Gatousoe, C. B. Co.
Reid, Thera Alice	Halifax
Reilly, Mary Isabel	Ottawa, Ont.
Richard, Angus Daniel	Halifax
Richardson, Marvin Eric	Halifax
Richter, Eric Julius	Halifax
Ridout, Natalie Maud	Grand Falls, N. B.
Riggs, John William	Grand Bank, Nfld.
Ring, Allison Weldon	Dartmouth, Hfx. Co.
Ring, Esther Elaine	Halifax
Ripley, Donald McLeod	Roseville Centre, L.I., U. S. A.
Ripley, Norman Rankin	Copper Cliff, Ont.
Ripley, Ronald Hugh	(K) Sydney, C. B. Co.
Ritsey, Donald Reginald	Berford, Hfx. Co.
Ritsey, Gordon Malcolm	Halifax
Ritchie, Muriel Anne	Amherst, Camb. Co.
Robberstad, Melvin Thomas	Bowley, Sask.
Roberts, Gordon Vernon	Halifax
Roberts, Leveson	(K) Head Bay D'Espoir, Nfld.

(K) Enrolled at King's College.

Robertson, Janet Hiehan	Bridgewater, Lun. Co.
Robertson, Robert Archibald	Halifax
Robertson, Wilment	Hunter River, P. E. I.
Robison, Samuel Bell	Charlottetown, P. E. I.
Rodd, Marjorie Frances	Moncton, N. B.
Rogers, Douglas Herbert	Halifax
Rogers, Frank Leslie	Yarmouth
Rogers, George Alexander	(K) Halifax
Rogers, James Donald	Halifax
Rogers, John Rowland	Halifax
Rogers, Nora Jane	Charlottetown, P. E. I.
Roitman, Ellen Leen	Bathurst, N. B.
Romcks, Robert George	(K) Summerside, P. E. I.
Routte, Robert Walter	Dartmouth, Hfx. Co.
Rosephand, James Addison	Trinidad, B. W. I.
Rosborough, James Douglas	Halifax
Rose, James Stephenson	Halifax
Rosenfeld, Herbert Hyman	Montreal, Que.
Ross, Ian Donald	Waverley, Hfx. Co.
Ross, John Ian	Elmstade, Hants Co.
Ross, John William	The Point, Hfx. Co.
Ross, Roy Weldon	Sydney, C. B. Co.
Rowe, John Francis	Halifax
Roy, Edith Alta	Stellarton, Piz. Co.
Roy, Gordon Seaforth	Westville, Piz. Co.
Rubin, Alan William	Halifax
Ruck, Simon Ashbrooke	Southton, Hants, England
Rudlerman, William Christie	Sydney, C. B. Co.
Rundle, Margaret Lezlie	Halifax
Ruggie, Mary Antonia	New Waterford, C. B. Co.
Rushon, Clyde Sterling	New Germany, Lun. Co.
Russell, Isabel Craig	Glace Bay, C. B. Co.
Ryan, Francis John James	Halifax
Sadofsky, Deleze Phyllis	Sydney, C. B. Co.
Salamina, Nicolas	Panama
Samuels, Hiernie Simon	New Glasgow, Piz. Co.
Samuels, Solomon	New Glasgow, Piz. Co.
Sandall, Albert Rodney	Halifax
Sanderson, Henry Preston	Kinross P. O., P. E. I.
Sarantos, Douglas Lawson	Armadale, Hfx. Co.
Saubier, Frances Christine	Halifax
Saunders, Catherine Estelle	Stellarton, Piz. Co.
Saunders, Edmund Ralph	Berwick, Kings Co.
Saunders, Reginald Oliver	Luzenburg
Savloska, Joseph Edward	Pietou
Sawyer, John Bernard	Halifax
Schafer, Ernest Paul	Winnipeg, Man.
Schew, Ruth Aline	Moncton, N. B.
Schwartz, Joseph Allen	New Waterford, C. B. Co.
Schwartz, Mary Elizabeth	Halifax
Schwartz, Hana Dvora	Halifax
Southon, Arthur Dalton	Sydney, C. B. Co.

(K) Enrolled at King's College.

Scott, Phyllis Barbara	(K) Halifax
Seaman, Donald Maxwell	Dartmouth, Hfx. Co.
Soderis, Peter Theodore	Halifax
Sooper, Moyna Elizabeth Neale	Halifax
Sooly, Charles Ansley	Hampton, N. B.
Sooley, Robert King	Hamilton, Bermuda
Sogal, David Samuel	Montreal, Que.
Somple, Lee Arthur	Kensington, P. E. I.
Sovoner, James Francis	St. John's, Nfld.
Sewell, Iloy	Halifax
Sexton, Stephen Joseph	Sydney, C. B. Co.
Seymour, Cecil Gordon	St. John's, Nfld.
Shana, Aubrey Murray	Yarmouth
Sharp, Harold Allen	(K) Sussex, N. B.
Shawford, Donald Everett	Halifax
Shaw, Donald Murray	Sydney, C. B. Co.
Shaw, Gerald Clowes	Hartland, N. B.
Shaw, Ralph Ainslie	Sydney, C. B. Co.
Shellman, Graham Stewart	Halifax
Sherman, David Hyman	Quebec, P. Q.
Sherron, William Dudley Leonard	(K) Charlottetown, P. E. I.
Sherwell, Brian	(K) Halifax
Shields, Helen Freda	Halifax
Shields, John Walker	Dartmouth, Hfx. Co.
Shillingford, Thomas Hughes	Dominica, B. W. I.
Short, Edmund John	Corner Brook, Nfld.
Short, Kenneth William	Bedford, Hfx. Co.
Shupe, Gilbert Edward	Halifax
Silver, Isabel Joyce	Dartmouth, Hfx. Co.
Simms, John Alwyn	New Glasgow, P. E. Co.
Simon, Stanley Merton	Halifax
Simpson, Frances Deven	Dalhousie, N. B.
Sinclair, Alexander Hamilt.	Trinidad, B. W. I.
Sinclair, Janet Ann	New Glasgow, P. E. Co.
Sinclair, John George	Goshen, Guys. Co.
Sinclair, Mary Fraser	Thorburn, P. E. Co.
Sinclair, Norman Carmichael	New Glasgow, P. E. Co.
Sinclair, William Ernest	Goshen, Guys. Co.
Skoch, Walter Sheehan Anandipal	British Columbia, S. A.
Single, William Leslie	Ville La Salle, Que.
Sister Catherine Margaret	Halifax
Sister Catherine Vincent	Halifax
Skow, George Augustus	Halifax
Slade, James Hill	Salmon Cove, Nfld.
Slater, Joseph Garfield	Westville, P. E. Co.
Slaven, James Royal	Sydney, C. B. Co.
Slipp, Earle Whitfield	Woodstock, N. B.
Slipp, Robert Munro	Woodstock, N. B.
Smealwood, Robin Henry Evans	Calgary, Alta.
Smealiner, Joseph Arthur	Dayspring, Lun. Co.
Smestad, Alice Jean	Moncton, New. Br.
Smith, Barbara Borden	(K) Annapolis Royal, Anns. Co.
Smith, Charles Haddon	Dartmouth, Hfx. Co.

(K) Enrolled at King's College.

Smith, Donald Gilbert	Bridgewater, Lun. Co.
Smith, Donald Ross	Halifax
Smith, George Albert	Fredericton Junction, N. B.
Smith, George Alastair Sutherland	Sydney, C. B. Co.
Smith, Marjorie Lorraine	Peterborough, Ont.
Smith, Robert Alexander	Montreal, Que.
Smith, William Lorne	Halifax
Smith, Mary Muriel	Armdale, Hfx. Co.
Smith, Robert Donald	Quebec City, P. Q.
Snook, Walter Albert Gordon	Truro, Col. Co.
Snow, David Allison	Halifax
Snow, Harold George	Saint John, N. B.
Snow, Lewis	Bay Roberts, Nfld.
Snow, Walter Woodworth	Barrington Passage, Shel. Co.
Sodges, Patricia Anne	Halifax
Snyder, Arnold Alvin	Dayspring, Lun. Co.
Soberman, Daniel Allan	Halifax
Somers, Claire French	Summerside, P. E. I.
Speller, Robert Gordon	Hopewell, P. E. Co.
Spencer, Dorothy Misa	Halifax
Spurr, Philip Regert	Torbrook Mines, Anns. Co.
Stairs, James Patrick Aylward	Halifax
Stallard, Douglas Arthur	New Glasgow, P. E. Co.
Starratt, Victor Cameron	Truro, Col. Co.
Steele, George Herbert	Charlottetown, P. E. I.
Steele, Laura Alice	Ottawa, Ontario
Steeves, Crighton Kendall	Hillboro, N. B.
Steeves, George Harold	Petitcodiac, N. B.
Steeves, Roderick William	Stellarton, P. E. Co.
Stephens, John William	(K) Sydney, C. B. Co.
Stewart, Alec Thompson	Dartmouth, Hfx. Co.
Stewart, Donald Keith Robert	Halifax
Stewart, Donald Henry	Dartmouth, Hfx. Co.
Stewart, John Angus	Halifax
Stewart, Norman Fulton	Bridgewater, Lun. Co.
Stewart, William Gordon	Halifax
St. Helens, Denis Victor	St. Lucia, B. W. I.
Stoddard, Joan Carmen	Halifax
Stott, Nelson Wright	Stannanville, Lun. Co.
Strangward, Lloyd Edwin	Halifax
Strickland, Jona Clarabel	Halifax
Strohl, Sam	Montreal, Que.
Suffly, James Rags	(K) Sydney, C. B. Co.
Sullivan, Francis Clare Joseph	Halifax
Sullivan, Lew-lyn Jones	St. John's, Nfld.
Summers, William Francis	St. John's, Nfld.
Sutherland, Everest Hiram	Fredericton, N. B.
Sutherland, Neil Smith	Westville, P. E. Co.
Sutherland, Roderick Crawford	Ambert, Camb. Co.
Swan, Matthew Henry	Harvey Station, N. B.
Swanberg, Karl Rodney	Halifax
Szymon, Norah Dorothy	(K) Dartmouth, Hfx. Co.

(K) Enrolled at King's College.

Tanner, Frederick Amos	Halifax
Tanner, Howard Donald	Lansburg
Taylor, Kenneth Le Roy	Arncliffe, Hfx. Co.
Taylor, Maynard Francis	Shubenseaside, Hants Co.
Taylor, Medford Douglas	Falmouth, Hants Co.
Taylor, Robert MacKenzie	Halifax
Teeb, Gloria Jean	(K) Saint John, N. B.
Thackston, Donald Spangale	Halifax
Thexton, Anne Elizabeth Malson	(K) Bedford, Hfx. Co.
Thistle, Frederick Munroe	Burlington, N. D. Bay, Nfld.
Thomas, Graham McGee	Halifax
Thomas, Janice Marie	Halifax
Thomas, Margaret Lillian	(K) Halifax
Thompson, Betty Coranne	Saint John, N. B.
Thompson, Clarence Rhodes	Jamison, B. W. I.
Thompson, Edward Prescott	Bedford, Hfx. Co.
Thompson, Garnet Moore	Halifax
Thompson, James Newton	Elmsdale, Hants Co.
Thompson, Kenneth George	Tatamagouche, Col. Co.
Thompson, Warren	Westville, P. Co.
Thompson, William Harold	Halifax
Thompson, William Leith	Charlottetown, P. E. I.
Thorne, George Everett Joseph	North Sydney, C. B. Co.
Thornham, Harold Edson	Dartmouth, Hfx. Co.
Thurgood, Charles Murdoch	Sydney, C. B. Co.
Tibbetts, Donald Cleveland	Port Greville, Camb. Co.
Tibbetts, Theodore Ellerson	Ward's Brook, Camb. Co.
Tilley, Hubert Martin	Barton, Digby Co.
Gwynne-Timothy, Kenneth Howland	Fairview, Hfx. Co.
Tingley, Clark Richard	Trenton, P. Co.
Tingley, Irvine Ira	Halifax
Toimie, Murray MacIsaac	Halifax
Tombils, William Alfred	Sydney, C. B. Co.
Tompkins, Elizabeth Anne	Rimouski, P. Q.
Toney, George Albert	(K) Halifax
Trainer, Gordon Joseph	Charlottetown, P. E. I.
Trensin, Beulah Leah	Halifax
Trenaman, Louis Germaine	Halifax
Trin, John David	Montreal, P. Q.
Trivett, Donald Frederick Lionel	(K) Sydney, C. B. Co.
Trupp, Douglas Roberts	Bridgetown, Anns. Co.
Troy, Orval John Thomas	Halifax
Troisman, Whitley Alder	(K) Parrsboro, Camb. Co.
Tuck, Robert Crishlow	(K) Auburn, Kings Co.
Tusker, George Frederick	Woodside, Hfx. Co.
Tufts, Gordon Watson	(K) Dartmouth, Hfx. Co.
Tufts, Laura Donald	Dartmouth, Hfx. Co.
Turner, Arnold Wesley	Halifax
Twobig, Frances Edwarsine	(K) Kentville, Kings Co.
Urguhart, Howard Donald	Parrsboro, Camb. Co.
Urguhart, Mary Elizabeth	Parrsboro, Camb. Co.

(K) Enrolled at King's College.

Vail, Roy Keith	Halifax
Vaughan, Vincent Edwin	Halifax
Veniotto, Deana William	Halifax
Veloff, Ewan Nelson	Sydney, C. B. Co.
Veniot, Charles Bernard	Bathurst, N. B.
Ventham, Pamela Betty	(K) Halifax
Verge, Eula Gloria	Halifax
Vincent, Gerald Robert	(K) Halifax
Vogler, Eveline Bernice	Halifax
Vogler, George Bernard	Halifax
Waddell, Alfred Ernest John	Halifax
Waddell, Sylvia Kathleen	Halifax
Wadden, Arthur Roger	(K) Glace Bay, C. B. Co.
Wadden, Clarence Frederick	New Glasgow, P. Co.
Wadlyn, Lawrence Reginald	Beaver Harbour, N. B.
Walker, Joan Katherine	Halifax
Walker, Ronald Allen	Aylesford, Kings Co.
Wallace, Douglas Murray	(K) Sussex, N. B.
Wallace, John Marston	Halifax
Wallace, Richard Melling	Halifax
Wallace, Vernon Bruce	Halifax
Walker, Donald Harvey	Halifax
Walls, Patricia Bernice	(K) Halifax
Walls, Smith Grant	Baso River, Col. Co.
Walters, Gerald Stanslaus	Westville, P. Co.
Walton, Ethel Jeanne	Halifax
Wambolt, Cecil Harold	Halifax
Ward, Donald Russell	Halifax
Ward, Leon Archibald	Moncton, N. B.
Ward, Robert Edwin	Halifax
Warren, Eldon Stuart	Halifax
Wason, William Hollis Bennett	Lewisville, N. B.
Waterbury, David John Cunningham	Saint John, N. B.
Watson, Robert Alder	Roekingham, Hfx. Co.
Watson, Robert Alder	Fredericton, N. B.
Watts, Anne Hibbard Goss	(K) Halifax
Weatherby, Shirley Agnes	Truro, Col. Co.
Webber, Carl Samuel	Halifax
Webber, Russell Vincent	Cambridge, Hants Co.
Webster, Austin Rae	Canning, Kings Co.
Weldon, Carl Kinman	Cambridge Station, Kings Co.
Weldon, George Arthur	Dartmouth, Hfx. Co.
Welford, Donald Frederick	Saint John, N. B.
Wentzell, Jossen DeWolfe	Oakland, Lun. Co.
West, Gerald Leonard	Leckhartville, Kings Co.
Westcott, Donald Duane	Edmonton, Alberta
Whidden, Fred Harris	Stillwater, Guysboro Co.
White, Edgar Sinclair	Newcastle, N. B.
White, Mary Catherine Carmel	Halifax
White, Richard Henry	St. Lucia, B. W. I.
Whiteway, Stirling Giddings	Sackville, P. Co.
Whitman, Nancy Eleanor Esmond	(K) Halifax
Whittier, Joyce Marie	Halifax

(K) Enrolled at King's College.

Whitzman, Bertram	Halifax
Whyte, Marion Ruth	Halifax
Wilson, John Noel	(K) Dartmouth, Hfx. Co.
Wile, William Henry	Bridgewater, Lun. Co.
Wilks, Roy Allen	Moncton, N. B.
Willet, Robert David	Summerside, P. E. I.
Williams, George Lambert	North Sydney, C. B. Co.
Williams, Robert Harris	Halifax
Williams, Ruth Lorraine	(K) Pictou
Williams, Stuart Gibson	Round Hill, Anns. Co.
Willis, Byron Lester	London, England
Wilmot, Isabella Ruth	Moncton, N. B.
Wilson, David Keer	(K) Truro, Col. Co.
Wilson, Eugene Vaughn	Halifax
Wilson, George Alan	Dartmouth, Hfx. Co.
Wilson, Howard Graham	Dominion, C. B. Co.
Wilson, John Moran Cochran	Liverpool, Queens Co.
Wilson, Nancy Jane	Saint John, N. B.
Wilson, Raymond Willet	Leamcamb, Guys. Co.
Wilson, Robert Bruce	Halifax
Wilson, William Bruce	Sussex, N. B.
Wolfson, Dennis	Sydney, C. B. Co.
Wolman, Robert Leonard	Halifax
Wood, Edward Kenneth	Sackville, N. B.
Wood, Jennie Carol	Tarasagouche, Col. Co.
Wood, John Alfred	River Hebert, Camb. Co.
Woodside, Donald Garth	(K) New Glasgow, P. Co.
Woodward, Donald Bernard	Aubursdale, Mass., U. S. A.
Woolnough, Charles Victor	Halifax
Werthynke, Millan Grant	New Glasgow, P. Co.
Wron, William Justin	Halifax
Wright, Roselle Anne	Port Willis, Hfx. Co.
Wylie, Douglas Wilson	Fredericton, N. B.
Yates, Peter	Essex, England
Yeadon, Frank Robert	Halifax
York, Charles Hamilton	Edmundston, N. B.
Young, Carl Harold	Dartmouth, Hfx. Co.
Young, Wilfred	Sydney Mines, C. B. Co.
Zivo, Dvora Elaine	Halifax
Zwicker, Raymond Charles	Mahone Bay, Lun. Co.
Zwicker, Harold Eugene	Fairview, Hfx. Co.
Zwicker, Sherman Ferwick Homer	Lansburg

REGISTERED FOR EXAMINATIONS ONLY: 1947-48

Anderson, Stewart Mackenzie	Halifax
Arron, Edward Albert	Halifax
Barry, Robert Burton	Beaver Harbour, N. B.
Bosworth, Harold Kay	Halifax
Brown, Gregory Vernon	West Saint John, N. B.
Cameron, John Nelson	Montreal, Que.
Chastick, Donald Frederick	Fredericton, N. B.
Crowther, John William	North Sydney, C. B. Co.

(K) Enrolled at King's College.

Dea, Marie Therese	Halifax
Dunlop, James Donald	Kensington, Que.
Flynn, Peter James	Halifax
Fraser, Clarence MacIntosh	Halifax
Fraser, James Alexander	Elmisdale, Hants Co.
Graet, William Johnston	Weymouth North, Digby Co.
Greer, John Maxwell	Delbert, Col. Co.
Hastings, Mary Victoria	Moncton, N. B.
Hawkins, Edith Peppard	Millford Station, Hants Co.
Hernsberg, Gerald Owen	Ottawa, Ont.
James, Hugh Channery	Halifax
Jesty, George Archibald	Dartmouth, Hfx. Co.
Kelly, William John	Kentville, Kings Co.
MacKeigan, Peter Archibald	Moncton, N. B.
McKenna, Mary Ailene	Pictou
MacKenzie, Hugh Gibson	North Sydney, C. B. Co.
MacQuarrie, Charles Malcolm	Truro, Col. Co.
Meggs, John Raymond	Toronto, Ont.
Murray, John Galmsay	Port Morien, C. B. Co.
Nowlan, Arthur Joseph	Cote Ste. Anne, N. B.
Pride, Gibson George	Sydney, C. B. Co.
Primrose, John Wilson	Halifax
Rauch, Edward	Montreal, Que.
Roberts, Orville Stockdale	Sydney, C. B. Co.
Ross, Peter	Halifax
Shupe, Keith Lesley	Halifax
Smith, William Gordon	Brook Grove, C. B. Co.
Souges, William Herbert	Halifax
Warr, Ivan Ross	Halifax

FACULTY OF LAW

Third Year

Arlotte, Llewellyn Philip	Toronto, Ont.
Armstrong, David Mills, B.A. (Ansis)	Granville Ferry, Anns. Co.
Bosdon, Richard Perry	Halifax
Bloss, Robert Henry Neil, B.Com.	Halifax
Chipman, Donald Lewis	Yarmouth
Chipman, William George	Bridgetown, Anns. Co.
Churchill-Smith, Alan David	Halifax
Cléments, Lester Laurence, B.A. (Ansis)	Wolfville, Kings Co.
Creehan, William Lawrence Marvin	Moncton, N. B.
Crogran, James Joseph Daniel, B.A. (Ottawa)	Regina, Sask.
Creeve, Patrick John Howell	Glasco Bay, C. B. Co.
Cummings, Henry Hickman, M.A.	St. John's, Nfld.
Daig, David Norman Watson, B.Com.	Halifax
Drury, John Stewart, B.A. (M. A.)	Amherst, Camb. Co.
Dunnet, Gordon, B.A. (Sask.)	Halifax
Easton, Keith Emerson, B.A. (Ansis)	Canning, Kings Co.
Eisenhauer, Harry MacDonald	Lower La Hare, Lun. Co.
Foster, Gerald Raymond	Charlottetown, P. E. I.
Friel, Donald James, B.A. (St. F.X.)	Moncton, N. B.

Giles, Thomas Augustine	Thomson Station, Camb. Co.
Gillis, Donald Joseph, B.A. (St. F.X.)	Doctor's Brook, Ant. Co.
Hart, Gordon Lovitt Shaw, B.A.	Halifax
Hawkins, George Stewart, B.A.	Millford Station, Hants Co.
MacAdam, Hugh Gerald, B.A. (St. F.X.)	Margaree Harbour, Rich. Co.
MacDonald, John Joseph Andrews	Halifax
MacDonnell, Hugh John, B.A. (St. F.X.)	New Glasgow, Pic. Co.
MacEachern, Donald Alexander, B.A. (St. F.X.)	Peet Hood, Inverness Co.
MacEwan, Howard Russell, B.A. (Mt. A.)	Westville, Pic. Co.
MacIntosh, Alexander John, B.A.	Halifax
MacKay, George Alexander	Halifax
MacLean, Ann Eileen	Port Hawkesbury, Rich. Co.
MacLellan, Robert Gordon Primrose	Halifax
MacLellan, Robert Simpson, B.A. (St. F.X.)	Sydney, C. B. Co.
MacNee, Donald Campbell	Sydney, C. B. Co.
Mears, Merrill Arthur	St. Andrews, N. B.
Meldrum, Wendall Wynn	Bridgewater, Lun. Co.
Mitchell, Leonard, B.Com.	Arncliffe, Hfx. Co.
Morrison, Vincent Alan James, B.A. (St. F.X.)	Sydney, C. B. Co.
Murphy, Gerald Floyd	Sydney, C. B. Co.
Nicholson, Bruce MacLean	Halifax
North, Murray Albert, B.A. (Acadia)	Canning, Kings Co.
Patterson, Alexander William	Halifax
Pattison, John MacMillan Stevenson, B.Sc. Queen's)	Kingston, Ont.
Rosch, Angus Joseph, B.A. (St. F.X.)	New Waterford, C. B. Co.
Rodham, Keith Edgar William	New Glasgow, Pic. Co.
Rogers, Edmund Ormsby, B.A. (Acadia)	Yarmouth
Ryan, Murray James, B.A. (St. F.X.)	North Sydney, C. B. Co.
Walker, Philip Harry Gillespie	Halifax
Watson, Francis Joseph	Hamilton, Ont.
Williams, Thomas Alexander, B.A. (Mt. A.)	Halifax
Wilson, Kenneth Gerard	Halifax
Wylie, Norman Victor Kneebone	Halifax
Yeoman, Mark Mackay, B.A. (St. F.X.)	Annapolis Royal, Anns. Co.

Second Year

Antraitt, Ernest James	Yarmouth
Balfour, John Bishop, B.A.	New Glasgow, Pic. Co.
Baughman, George Perry	Falmouth, Hants Co.
Black, Gordon Sargent	Halifax, N. S.
Bent, Maurice Dourness	Bellefleur, Anns. Co.
Black, Roderick MacDonald	Halifax
Brown, Gordon Herbert Moses, B.A. (Mt. A.)	Saint John, N. B.
Bucler, Robert James	Halifax
Colbourne, Harold Douglas	Bishop's Falls, Nfld.

Cornier, Ivan Camille	Edmundston, N. B.
Cox, Arthur William, B.A. (Acadia)	Narrows, N. B.
Dawe, Kenneth Stewart	Summersville, Nfld.
DeWolfe, John Benjamin, B.A. (Acadia)	Fairvale Station, N. B.
Dingwall, Claude Aven	Sydney, C. B. Co.
Dowell, Ronald Chester	Halifax
Doyle, Robert Philip	Annapolis Royal, Anns. Co.
Druker, Arthur Leonard	Sydney, C. B. Co.
Dunbar, John Arthur	Sidlarion, C. B. Co.
Dunn, George William	Port Colborne, Ont.
Dunsmore, Robert James Colclough	Toronto, Ont.
Eliavorth, Michael James, B.A. (St. F.X.)	Springhill, Camb. Co.
Fitzpatrick, Lloyd Allison	Windsor, Hants Co.
Fleming, Francis John, B.A. (Ottawa)	Barrow, Alberta.
Fullerton, William Bruce	Parsons, Camb. Co.
Gallant, Joseph Augustin Josephus	Egmont Bay, P. E. I.
Gerity, Frances O'Brien	Halifax
Gillis, Allison MacMillan	Charlottetown, P. E. I.
Gunn, A. Erol Osborne	Sydney, C. B. Co.
Harding, James McKay, B.A. (Acadia)	St. Marys
Harquail, Gerald Martin	Campbellton, N. B.
Harris, John Edmund	Bumber Bay, Ont.
Hartigan, David Vaughan	Sydney Mines, C. B. Co.
Hicks, Douglas Graeme, B.A. (Mt. A.)	Sydney, C. B. Co.
Holmes, Roy Fisher	County Harbour Mites, Guys. Co.
Hunt, Douglas Charles	St. John's, Nfld.
Lellaine, Vincent John Gualbert	Slieve Point, Yr. Co.
Lovelace, James Cameron	Sydney, C. B. Co.
McCombs, Harris Edgar	Madame Hat, Alta.
McDonald, Louis Harry Harris	Halifax
Macdonald, Robert Buckley	New Glasgow, Pic. Co.
MacInnes, John Francis	Inverness
McKelvey, Edward Neil	Saint John, N. B.
Matheson, Gordon Robert	Halifax
Matthews, Kenneth McNeill	New Aberdeen, C. B. Co.
Mayer, Donald Archibald	Bishop's Falls, Nfld.
Mingo, James William Edgar, B.A.	Halifax
Misener, Carl Mardock	Port Wallis, Hfx. Co.
Noel, Nathaniel Stewart	St. John's, Nfld.
O'Brien, John Joseph Gerald	Montreal, Que.
O'Neil, Patrick Danean, B.A. (St. Mary's)	Mundare, Alta.
Parsons, William George	Ochre Cove, Nfld.
Reardon, James Donald	Yarmouth
Regan, Walter Stephen	Windsor, Hants Co.
Rennie, Edward Ross	Ottawa, Ont.
Robinson, James Stanley	Halifax
Roeggen, Gilbert Jean-Marie, B.A. (Ottawa)	New Glasgow, Pic. Co.
Romard, Victor	Clifton, Inv. Co.
Rowlings, Harry Winfred	Halifax
Ryan, James William	St. John's, Nfld.
Sexton, Stephen Joseph	Sydney, C. B. Co.
Smith, Colin Henderson, B.A.	Regina, Sask.
Sober, Plesias Lloyd	St. John's, Nfld.

Stoughton, George Dwight, B.Sc. (Trinity).....	West Hartford, Conn., U. S. A.
Townsend, Arthur Marie, B.A., B.Ed. (Acadia).....	Louisburg, Rich. Co.
Urquhart, Donald Roland.....	Stellarton, Pse. Co.
Warner, Donald Marry.....	Halifax
Waterbury, David John Cunningham.....	Rockingham, Hfx. Co.
Whalley, Michael George.....	Sydney, C. B. Co.

First Year

Allan, Vincent Peter.....	Halifax
Armstrong, Robert Morine.....	Bessville, Queens Co.
Bassardax, Alfred Albert Alexis.....	Poireriville, Rob. Co.
Barnes, Reginald Roy.....	Halifax
Beil, Lewis Anderson.....	Halifax
Birney, William Jack, B.Sc. (So. Cal.).....	Vancouver, B. C.
Black, John Hugh.....	Sydney, C. B. Co.
Bloomer, Peter Henry Edward.....	Halifax
Bourke, William James Augustine, B.A., B.Com. (St. Mary's).....	Halifax
Burke, Archibald.....	Port Hood, Inv. Co.
Bushell, Martin Hart.....	Basel Hill, Guys. Co.
Caldwell, Allan Lloyd, B.A. (Acadia).....	Sydney Mines, C. B. Co.
Caldwell, Ronald Charles, B.A. (Acadia).....	Bedford, Hfx. Co.
Campbell, Bert Granville.....	Windsor, P. E. I.
Carroll, Michael William.....	Halifax
Chisholm, Sheldon Percy.....	Kentville, Kings Co.
Cunningham, Herbert DeWolfe.....	Guyaborough
Curran, Donald Edward.....	Bedford, Hfx. Co.
Curry, Leon Archibald.....	Palmouth, Hants Co.
Davis, William Sproul.....	Campbellton, N. B.
DeLong, Howard Ryan.....	Sydney, C. B. Co.
Dempsey, Francis James Joseph.....	Halifax
Dunlop, James Hugh.....	Halifax
Ellsworth, Douglas Colville.....	Dalhousie, N. B.
Fenner, James Earl.....	Liverpool, Queens Co.
Flagstadick, John Anthony.....	Halifax
Fullerton, Gerald Baxter.....	Minto, N. B.
Gibson, Isaac Brent.....	Truro, Col. Co.
Graham, Charles William, B.A. (St. F.X.).....	Bridgeport, C. B. Co.
Grant, Ernest Robert.....	Pictou
Grant, William Johnston.....	Weymouth North, Digby Co.
Hanington, Peter.....	Saint John, N. B.
Harris, Donald Mitchell.....	Halifax
Hillman, William Arleigh.....	Sydney, C. B. Co.
Hinton, Kenneth Young, B.A. (U.N.B.).....	Bathurst, N. B.
Hollway, Thomas Robert.....	Halifax
Jacobs, Kenneth Not.....	Halifax
Jordan, Gilbert Thoburn.....	Kenogami, Que.
Katz, Roselle.....	Edmonton, Alta.
Knight, Donald Arthur, B.A. (Acadia).....	Saint John, N. B.
Langen, George Wallace.....	Arkharovits, N. B.
Laughton, Charles Van Wyck.....	Toronto, Ont.
Lever, Rudolph Stanton.....	Middletown, N. Y., U. S. A.
Lough, George Kenneth, B.Com.....	Halifax
Lyall, Robert Hunter.....	Halifax

McColeough, John Reginald Gerard.....	Halifax
McDade, Bruce Reginald.....	Parsonsboro, Camb. Co.
MacDonald, Gerald Francis.....	Sydney, C. B. Co.
MacDonald, Harry Berthelomew.....	D'Escoimas, Rich. Co.
MacDonald, James Ronald Arthur, B.A. (St. F.X.).....	Halifax
MacDonald, Ronald Vincent.....	New Glasgow, Pse. Co.
MacDonald, William Chester Stanley.....	Summerside, P. E. I.
McLaityre, Joseph Gerard.....	Glouce Bay, C. B. Co.
MacLaityre, Michael Leo.....	Glouce Bay, C. B. Co.
McKinnon, Sylvester.....	Pictou
MacLean, Neil.....	Estevanville, Alta.
MacLennan, Clarence Hugh.....	Sydney Mines, C. B. Co.
MacLeod, Robert Graham, B.A. (Acadia).....	Charlottetown, P. E. I.
MacLeod, William Stephen.....	Summerside, P. E. I.
MacMillan, John.....	Antigonish
MacPherson, Hugh Joseph, B.A. (St. F.X.).....	Halifax
MacPherson, Jean Agnes, B.Sc. (St. F.X.).....	Halifax
Martinello, Arthur John.....	Sydney, C. B. Co.
Mathews, Weldon Carruthers.....	O'Leary, P. E. I.
Moore, Cecil William.....	Halifax
Moores, Arthur William Ronnie.....	St. John's, Nfld.
Muggah, Robert George.....	Sydney, C. B. Co.
Murphy, Paul Francis.....	Amherst, Camb. Co.
O'Halloran, Dominic Joseph, B.A. (St. F.X.).....	Sydney, C. B. Co.
O'Hanley, Ronald Vincent.....	Sydney, C. B. Co.
Oliver, Hubert Galt.....	Calgary, Alta.
O'Neill, Thomas Bernard.....	Quebec City, Que.
Pearson, William Scott, B.A. (Tor.).....	Sarnia, Ont.
Pothier, Hector Joseph.....	Weymouth, Digby Co.
Putter, William Eric, B.A. (Acadia).....	Lansburg
Repetto, Gerald William.....	Parsonsboro, Camb. Co.
Rhude, Henry Barton.....	Halifax
Robertson, Charles Douglas.....	Ost. wa. Ont.
Robinson, Ralph Frederick.....	Moncton, N. B.
Samuels, Solomon.....	New Glasgow, Pse. Co.
Saward, Brian.....	Halifax
Smith, Linden Marshall.....	Kentville, Kings Co.
Taylor, Kenneth Leroy.....	Armadale, Hfx. Co.
Thompson, Warren.....	Westville, Pse. Co.
Thorne, George Everett Joseph.....	North Sydney, C. B. Co.
Triton, Alan Gere.....	Sackville, N. B.
Urquhart, Earl Wallace.....	West Bay, Rob. Co.
Wallace, Stuart Hubert.....	Victoria, B. C.
Waterfield, Gordon Sinclair.....	Dartmouth, Hfx. Co.
Williams, Donald Bruce.....	Halifax
Yates, George.....	Glouce Bay, C. B. Co.

FACULTY OF MEDICINE

Fifth Year

Acker, Melvin Irvine, B.A. (U.N.B.).....	St. Stephen, N. B.
Allen, Lloyd Sharp.....	Summerside, P. E. I.

Burdett, Leone Houston	Dundas Centre, P. E. I.
Carton, Arthur Kevin, B.Sc. (St. F.X.)	Fairville, N. B.
Cleveland, Eric Joseph, M.A., B.Sc.	Halifax
Cox, Lloyd Sutherland	Morrell, P. E. I.
Deacon, Maurice Allison	Freetown, P. E. I.
Drysdale, Ronald Douglas, B.Sc.	Halifax
Earle, Thomas Harvie	South Nelson, N. B.
Epstein, Nathan Bernie	New Waterford, C. B. Co.
Fanjoy, Ray Wilfred	Young's Cove Road, N. B.
Fraser, Richard Cameron	New Glasgow, P. Co.
Freedman, Lewis Herbert	Saint John, N. B.
Gesst, Robert Silver, B.Sc.	Halifax
Joy, Clifton Joseph	Port-au-Port, Nfld.
Lee, Earl Robert	Fredricton, N. B.
Lido, Randolph Anthony Lopes	Jamnia, B. W. I.
McGillivray, Joseph Irving	Amherst, Cumb. Co.
MacLennan, Neil Kenneth, B.A. (Mt. A.)	New Glasgow, P. Co.
Metcalf, Donald Carey Francis	Martinton, N. B.
Milton, Gordon Lockhart	Campbellton, N. B.
Misener, Francis Joseph, B.Sc. (St. F.X.)	Glace Bay, C. B. Co.
Nearry, Agnes James	St. John's, Nfld.
Neiman, Gregory Martin Albert	Cesner Brook, Nfld.
Roy, Douglas Leonard	Halifax
Rusted, Ian Edwin Lawson Hollands	Halifax
B.A. (Tor.)	Carleton Place, Nfld.
Randers, Allison Lewman	Charlottetown, P. E. I.
Shaw, Walter Maxwell	Clyde River, P. E. I.
Sigworth, Pius Manning Walker	Novapet, P. E. I.
Stevenson, Lorne John	St. John's, Nfld.
Sutherland, David Lawrence	Pictou
Thorp, Ronald Vincent, B.Sc. (Acadia)	Kentville, Kings Co.
Weldner, Freeman Burton, B.A. (Acadia)	Cambridge, Hants Co.
Wilson, James Alfred Scott	Hersick, Kings Co.
Wright, Charles Stewart, B.A. (Tor.)	Toronto, Ontario.

Fourth Year

Agie, Gordon Halv	Moncton, N. B.
Auld, Robert Waldron	Freetown, P. E. I.
Baltayne, James Taylor	Jergins, Cumb. Co.
Bennell, Mark Lynde	Charlottetown, P. E. I.
Brennan, Donald Sinclair, B.Sc. (Acadia)	New Minas, Kings Co.
Burper, Edward Glennie, B.A., M.Sc. (Western Ont.)	St. Thomas, Ont.
Cantwell, Joseph Francis	St. John's, Nfld.
Chambers, James Gordon	North Sydney, C. B. Co.
Clayden, Gerald Esborough	Moncton, N. B.
Davis, Gerald Ernest	Oxford, Cumb. Co.
Day, Cecil Maurice	Moncton, N. B.
Eaton, Roginald Carren, B.Sc. (Acadia)	Pictou
Fraser, James Little, B.A. (U.B.C.)	Yamouche, B. C.
Fulfer, Stewart Carlisle	Yamouche
Hickey, Frank Kevin	St. John's, Nfld.

Hier, David, B.Sc.	Montreal, Que.
Hirsch, Solomon, B.Sc.	Sydney, C. B. Co.
Hirtle, Lloyd Ray	Halifax
Hunter, Helen MacKay, B.Sc.	Halifax
Jacobson, Horace Harold	Saint John, N. B.
Karral, Jamal, B.A. (Mt. A.)	Sydney, C. B. Co.
Konting, Douglas Willard Blake	Moncton, N. B.
Knight, Arthur Law, B.Sc.	Halifax
Lesser, Joseph Harris	Saint John, N. B.
MacInnes, Donald Ross, B.Sc.	Shubenacadie, Hants Co.
McKeough, Liam Logan	Sydney Mines, C. B. Co.
MacLellan, John Fraser	Sydney, C. B. Co.
MacLeod, Angus Alexander	Lorne Valley, P. E. I.
Mercer, Alvin Robert	Bishop's Falls, Nfld.
Miller, Robert Bruce	Campbellton, N. B.
Moreside, James William	Charlottetown, P. E. I.
O'Neil, Thomas John	Mundare, Alta.
Rigby, John Edward, B.Sc. (Mt. A.)	St. Andrews, N. B.
Rundle, Lorenz Gordon	New Glasgow, P. Co.
Sears, Harold Gordon	St. Stephen, N. B.
Stephen, Leonard James	Saint John, N. B.
Teale, Stanley Nelson	Granby, Conn., U. S. A.
Therriault, John Charles, B.A. (St. Mary's)	Halifax
Tompkins, Myles Gregory	Dominion, C. B. Co.
Townsend, Francis Ralph	Louisburg, Rich. Co.
VanBlaricom, Larry Stuckey, B.A. (Queens)	Halifax
Whelan, Patrick Joseph	St. John's, Nfld.

Third Year

Alexander, Charles John, B.Sc. (U.N.B.)	Saint John, N. B.
Arkie, Daphne Winifred	Bedwood, Nfld.
Ashley, Patrick Farrell Michael	St. John's, Nfld.
Battcock, George William	St. Mary's, Nfld.
Bisack, Norman Seymour, B.Sc.	Amherst, Cumb. Co.
Boudreau, John Francis	Halifax
Brown, James Robert, B.Sc.	New Glasgow, P. Co.
Burley, Malcolm Perry, B.Sc.	Andover, N. B.
Bursey, Phyllis Dorcas	Moncton, N. B.
Butler, Hearder	Twillingate, Nfld.
Campbell, Duncan Alexander	Bridgewater, Lun. Co.
Clozier, Robert Angus	Moncton, N. B.
Cobwell, Garnet James Henry	Halifax
Cowan, John David Earle	St. John's, Nfld.
DeMoss, Agnes Winifred, B.Sc.	Lunenburg
Flight, George Hubert	Kitchener, Ont.
Foster, Thomas Ainslie	New Glasgow, P. Co.
Giffin, Carl Cleveland	Halifax
Hill, George Crutcher, B.A. (Mt. A.)	Pictou
Johnson, Aubrey Edmund	Great Village, Col. Co.
Kirkpatrick, Donald Hartley	Halifax
Larson, Robert David	Bell Island, Nfld.
MacDonald, Frederick Robert	Halifax
MacDonald, George Joseph Burrell	Dorchester, N. B.

MacEwan, Alison Hay	St. Peter's Bay, P. E. I.
MacLennan, James Adrian	Halifax
MacKay, Ronald Dickie, B.A. (U.B.C.)	Vancouver, B. C.
M.A. (Tor.)	Dundas Centre, P. E. I.
McLeod, Allan John	Dundas Centre, P. E. I.
McLennan, Archibald Moland, B.Sc. (Acadia)	Wellville, Kings Co.
MacWilliam, Herbert Dawson	St. Andrews, N. B.
May, Gerald Arthur	McAdam, N. B.
Menzelton, Myer, B.Sc.	Moncton, N. B.
Milligan, James Edgar	Truro, Col. Co.
Morton, Bruce St. Clair, B.Sc. (Acadia)	Yarmouth
Myron, James Allan, B.Sc.	Halifax
O'Driscoll, Robert Francis	St. John's, Nfld.
Perehanok, Morris, B.Sc.	Saint John, N. B.
Phillips, Herbert Ralph	Richmond, P. E. I.
Robbins, James Henry Lloyd	Kinross, P. E. I.
Ryan, John Martin, B.Sc. (St. F.X.)	North Sydney, C. B. Co.
Shoen, Arthur Howard	Glouce Bay, C. B. Co.
Sieniwicka, David James, B.A. (U.N.B.)	Halifax
Simpson, Richard Gordon	Bay View, P. E. I.
Smith, Ora Robert	Moncton, N. B.
Warr, George Owen	Halifax
Wanning, Andrew Stewart	Sydney, C. B. Co.
Williams, John Gordon	St. John's, Nfld.

Second Year

Adair, Clark Hazen, B.A. (Mt. A.)	Moncton, N. B.
Annand, Robert Thompson	La Have, Lun. Co.
Bate, George Warburton	Saint John, N. B.
Billard, Albert Calvin	Glouce Bay, C. B. Co.
Blackwood, Harold John	St. John's, Nfld.
Barnston, Mervel Elliot, B.Sc.	Glouce Bay, C. B. Co.
Cameron, William Gooding	Wainop, Man.
Colford, Horace Bernard, B.A. (St. Mary's)	Head Chezzetook, Hfx. Co.
Copp, Stephen Eric	Jamaica, B. W. I.
Crosby, Joan Margaret, B.Sc.	Halifax
Dolan, Frederick Gerard, B.Sc. (St. F.X.)	Sydney, C. B. Co.
Elliott, Arthur William, B.A.	Halifax
Ernst, William Alan, B.Sc.	Halifax
Fletcher, George Everett, B.A. (U.N.B.)	Macayville, N. B.
Forbes, Donald Edgar, B.Sc. (Acadia)	Tyng Valley, P. E. I.
Gass, David Alexander	Sackville, N. B.
Goddien, John Oakley	New Glasgow, Pse. Co.
Hicks, Franklin Herbert	Bridgestown, Anns. Co.
Higgins, Gordon Keith, B.Sc. (U.N.B.)	St. Andrews, N. B.
Higgins, John Elton, B.A. (Acadia)	Belmont Lot 16, P. E. I.
Howatt, Barton Davies	Maple Hills, P. E. I.
Keddy, Donald Bruce, B.A. (Acadia)	Halifax
Lawson, Gordon Ernest	Minto, N. B.
Lewis, James Arthur	Fairville, N. B.
Lewis, Douglas Elroy, B.A. (Mt. A.)	Halifax
MacDonald, Douglas Andria Cassolo	Charlottetown, P. E. I.

MacDonald, John Cameron, B.Sc. (St. F.X.)	Sydney, C. B. Co.
MacIntosh, John Wilfred, B.Sc.	Halifax
MacKay, Harold Vernon, B.A. (Acadia)	Pictou
MacRae, Alvin Edward Clark	New Wiltshire, P. E. I.
Malcolm, Donald Andrew Charles	Saint John, N. B.
Moffitt, Emerson Amos	McAdam, N. B.
O'Connell, Charles Leo, B.Sc. (St. F.X.)	Carling, Nfld.
O'Keefe, Francis Joseph, B.Sc. (St. Damian's)	Gowan Brae, Nfld.
Phills, James Alroy, B.Sc. (Acadia)	Sydney, C. B. Co.
Poulos, Harry Peter, B.Sc.	Halifax
Purves, James Kent Blair	Truro, Col. Co.
Quigley, John Howford, B.Sc.	Halifax
Road, Neil Douglas	Ottawa, Ont.
Rice, Donald Ingram	Bedford, Hfx. Co.
Ross, James Frederick	Sussex, N. B.
Ryan, Joseph Alphonse	Bathurst, N. B.
Shapter, Albert Edward	St. John's, Nfld.
Stewart, William Ross	Charlottetown, P. E. I.
Taylor, Albert William	St. John's, Nfld.
Tompkins, James Bernard, B.A., B.Sc. (St. F.X.)	Dominion, C. B. Co.
Trask, Noel Brown	Halifax
Travis, Floyd Douglas, B.Sc. (Acadia)	Glouce Bay, C. B. Co.
Tucker, Herbert Harold	Halifax
Vair, Charles Donald	Halifax
Vibert, James Charles, B.A.	Stewiacke, Col. Co.
Webster, Robert McNaught, B.Sc.	Yarmouth
Wilansky, Donald Cyril, B.Sc.	St. John's, Nfld.
Wilansky, Douglas Leo	St. John's, Nfld.
Wilson, James Arthur	New Dominion, P. E. I.
Winter, George Dean	Montreal, Que.

First Year

Barron, Kevin Delgado	St. John's, Nfld.
Beacock, Martin Gerard	St. John's, Nfld.
Brooks, Ralph William, B.A. (Mt. A.)	Amherst, Camb. Co.
Burden, Robert Arnold	Springhill, Camb. Co.
Campbell, Angus Joseph	St. Columbia, Rich. Co.
Chisholm, James Ian	Sunny Brae, Pictou Co.
Chisholm, Willie Murdoch	Halifax
Davidson, Claude Bernard	Halifax
Davison, David Lloyd	Dartmouth, Hfx. Co.
Douglas, Elizabeth Lee, B.Sc. (Acadia)	Caledonia, Queen's Co.
Dunfield, Anthony Henry	St. John's, Nfld.
Epton, Joseph	Yarmouth
Fenner, Melvin Glenwood	Bridgewater, Lun. Co.
Fisher, De Westen Hill	Parishose, Camb. Co.
Foster, John Henry	Sedon, Pse. Co.
Fullerton, Samuel George Burke	Halifax
Gardiner, William Alexander	Sydney Mines, C. B. Co.
Gaskin, Cyrus Cleveland	Moncton, N. B.

Groom, Richard Harold	Rielbusto, N. B.
Hazel, Joseph James, B.Sc. (St. F.X.)	Fairville, N. B.
Hetherington, Harold Gamblin	Cody's, N. B.
Hines, Charles Henry	Cherries, Hants Co.
Hooper, James Brenton, B.A. (U.N.B.)	Charlottetown, P. E. I.
Hoare, Arthur Maxwell	Glovertown, Nfld.
Karol, Ben David	New Waterford, C. B. Co.
Kelley, Edward Gerard	Charlottetown, P. E. I.
Kelly, George Leonard Donald	Leuzsburg, C. B. Co.
Kempston, Alfred Russell	Maitland Bridge, Anns. Co.
Lawley, Alan MacDonald	North Sydney, C. B. Co.
MacArthur, Edward Donald	Halifax
MacKnoeven, Donald Allan Gerard, B.Sc. (St. F.X.)	Sydney, C. B. Co.
McGregor, Donald John	Sackville, N. B.
MacLeod, James Hall	Halifax
Merriam, Richard Kerr	Wolfville, Kings Co.
Miller, James Edwin Harris	Halifax
Munro, Roy George	Springhill, Cumb. Co.
O'Regan, Kenneth Roy	Joggins, Cumb. Co.
Pitt, Dennis Cecil Charles	St. Vincent, B. W. I.
Reynolds, Edward Nicholas	Halifax
Richardson, Anne Barrie, B.Sc. (Acadia)	Saint John, N. B.
Ross, Jack William	New Glasgow, P. Co.
Ross, Robert Wilson	Charlottetown, P. E. I.
Sanders, Norman Joseph	Ambert Cumb Co.
Shadford, Robert Chestnut	Halifax
Shaw, Albert Joseph	Sydney, C. B. Co.
Sinclair, Albert McMurdo	Charlottetown, P. E. I.
Skinner, Lyle Alonso	Leuzsburg, C. B. Co.
Speller, Stuart Lyndon	Burwash, Ont.
Stoad, Llewellyn Thompson	Halifax
Stewart, William Brenton	Norboro, P. E. I.
Swanburg, Angus Russell	Halifax
Taylor, Cyril Raymond	Shubenacadie, Hants Co.
Taylor, Wilbur Kirkpatrick	Birch Cove, Hfx. Co.
Vincent, James Clifton	Corner Brook, Nfld.
Wadup, Rex Stanley	Moncton, N. B.
Wentzell, Robert Arthur	Dartmouth, Hfx. Co.
Wood, William Charles	Halifax

SPECIALS IN MEDICINE

Anderson, Elizabeth Charlotte	Port Lorne, Anns. Co.
Casey, Joan Iris	Halifax
Cunning, Frederick Gordon	Halifax
Dawson, Alice Freda	Westville, P. Co.
Hill, Shirley Grace	New Glasgow, P. Co.
Leonard, Verma Georgia	Sydney, C. B. Co.
Mahon, Elizabeth Helen	Halifax
Mason, Helen Joyce	New Glasgow, P. Co.
Phinney, Irene Florence	Melbourn Square, Anns. Co.
Roepfhaas, James Adolph	Trinidad, B. W. I.
Rundle, Margaret Louise	Halifax
Schurman, Ada Jean	New Glasgow, P. Co.

Schwartz, Mary Elizabeth	Halifax
Saids, Mary Marjorie Alexandra, B.Sc.	Shubenacadie, Hants Co.
Tanser, Margaret Lois	Thorburn, P. Co.
Taylor, Marion Genevieve	Hantsport, Hants Co.
Wong, Lily Lui-King, B.A.	New Glasgow, P. Co.

FACULTY OF DENTISTRY

Fourth Year

Dalton, Ormond Edward, B.Sc. (St. F.X.)	Summerside, P. E. I.
Dacey, James Michael	St. John's, Nfld.
Gauin, Cyril	Sydney, C. B. Co.
Hardy, John Everett	Gabarus Basin, C. B. Co.
MacMurdo, William Archibald	Summerside, P. E. I.
McNee, Sydney John	Glace Bay, C. B. Co.
MacNeil, Donald Brendan	Sydney Mines, C. B. Co.
Steeves, Donald Cordie	Moncton, N. B.
Taylor, Holden Frederick	Yarmouth

Third Year

Dexter, Carl Edmund	Halifax
Dexter, Earl Freeman	Halifax
King, Wilson Charles	St. John's, Nfld.
Macneil, William Hamilton, B.Sc. (St. F.X.)	Sydney Mines, C. B. Co.
Simon, Philip, B.A. (Mc. A.)	Glace Bay, C. B. Co.
Whyrie, Eric James	Sydney Mines, C. B. Co.

Second Year

Banks, Edwin MacNeil	Kentville, Kings Co.
Cook, Walter Frank, B.Sc.	Lunenburg
Kerr, Kenneth MacFustane	Bedford, Hfx. Co.
Macaulay, Douglas Walter	Baddeck, Y. Co.
MacDonald, Ian Allan Cameron	Amherst, Cumb. Co.
Ober, Charles	Saint John, N. B.
Peters, David Kendall	St. John's, Nfld.
Spenekin, Thomas Edward	Campdown, D.F. Station, Hfx. Co.
Stack, Kathleen Mary, B.Sc.	Colquay, Alberta

First Year

Baxter, Sidney James	Stellarton, P. Co.
Bons, Andrew Daniel	Moncton, N. B.
Bourque, Joseph Daniel	River Bourgeois, Rich. Co.
Caldwell, Gordon Wallace	Bristol, N. B.
DeWare, Ralph Baxter	Moncton, N. B.
Halford, Ernest Douglas	Harvey Station, N. B.
McCarron, Peter Francis	Halifax
McGaughey, James	Bonshaw, P. E. I.
Noelstrap, Donald Lloyd	Nusson, N. B.
Orser, Gerald George	Harfield, N. B.
Ramsay, George Lawrence	Malpeque, P. E. I.
Sanson, Reginald Forbes	Fredericton, N. B.

TIME TABLE 1948-49.

ENGINEERING (Except Chemical)

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
First Year						
9	Chem. 1	Drawing 1	Chem. 2	Drawing 1	Chem. 1	Math. 1 (Prac.)
10	Math. 1	Surveying 1	Math. 2	Math. 2 (Prac.)	Math. 2	Math. 1 (Prac.)
11	Math. 1	French 1	Math. 1	French 1	Math. 1	French 1
12	Engl. 1A or 1		Engl. 1A or 1		Engl. 1A or 1	
2:30 to 3:30	Drawing 1	Chem. 1	Drawing 1			
Second Year						
9	Physics 2	Chem. 2	Physics 2	Chem. 1A	Physics 2	Drawing 2
10	Math. 2	Engl. 1A	Math. 2	Chem. 1A	Math. 2	Engl. 1A
11	Math. 2		Engl. 1A or 2		Engl. 1A or 2	
12	Chem. 2	Surveying 2	Drawing 2		Physics 2	
2:30 to 3:30						
Third Year						
9	Math. 2	Physics 3	Math. 3	Physics 3	Math. 2	Physics 3
10	Engl. 1	Math. 3A	Engl. 1	Math. 3A	Engl. 1	Math. 3A
11	Math. 3		Math. 3		Math. 3	
12			Math. 4		Drawing 3	
2:30 to 3:30	Math. 3	Engl. 1	Physics 3		Drawing 3	

PRE-MEDICAL AND PRE-DENTAL

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
First Year						
9	Chem. 1	Biology 1	Chem. 1	Biology 1	Chem. 1	Biology 1
10	Math. 1		Math. 1		Math. 1	
11	Physics 1		Physics 1		Physics 1	
12	Engl. 1A or 1		Engl. 1A or 1		Engl. 1A or 1	
2:30	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.
3:30	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.
4:30	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.	Chem. Lab.	Physics Lab.
Second Year						
9	Chem. 4	Chem. 4	Chem. 4	Chem. 4		
10	History 26	Business	History 26	Business	History 26	
11						
12						
2:30 to 3:30	Chem. Lab.	Engl. 2	Chem. Lab.	Engl. 2	Chem. Lab.	

EDUCATION

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9	Phys. Ed. A	Educ. 3 (A)	Educ. 3 (A)	Educ. 4 (A)	Phys. Ed. A	
10	Educ. 2 (A), 2 (B)	Educ. 3 (B)	Educ. 2 (A), 2 (B)	Educ. 4 (A)	Educ. 4 (B)	
11	Educ. 1	Educ. 3 (B)	Educ. 1	Educ. 4 (A)	Educ. 1	
12						
2:30 to 3:30			Prac. Projects and visits to Schools			