

CALENDAR  
OF  
DALHOUSIE UNIVERSITY

HALIFAX - NOVA SCOTIA

1925-1926



HALIFAX:  
PRINTED FOR THE UNIVERSITY BY WM. MACNAB & SON,  
1925

## TIME TABLE—ARTS AND SCIENCE, 1925-26.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9	Greek 2..... French 2..... History 1..... Philos 10..... Physics 20..... Chem 1, 1A..... Mech 2†, 3*..... Comm. 6.....	French 1, 2..... Elem. German..... English 10..... Economics 6, 11..... Philos 3..... Physics 3..... Chem. 6..... Drawing 1, 1B..... Comm. 4.....	Greek 2..... French 2..... History 1..... Philos 10..... Physics 20..... Chem. 1, 1A, 7..... Mech. 2†, 3*..... Comm. 6.....	Greek 2..... French 2..... History 1..... Philos 10..... Physics 20..... Chem. 1, 1A, 7..... Mech. 2†, 3*..... Comm. 6.....	French 1, 2..... Elem. Ger..... English 10..... Economics 6, 11..... Philos 3..... Physics 3..... Chem. 6..... Drawing 1, 1B..... Comm. 4.....	French 2..... History 1..... Drawing 2..... Chem. 2..... Comm. 5.....	French 1, 2..... Elem. Germ..... Drawing 2..... Chem. 2.....
10	Latin 2..... Elem. Greek..... Greek 1..... History 1, 2..... Philos 8..... Math. 1, 1C..... Physics 1..... Chem. 4..... Geol. 1..... Surveying.....	Latin 1..... French 1, 2..... German 1..... English 6..... History 8..... Philos 7..... Geol. 2..... Comm. 9.....	Latin 2..... Greek 1..... History 1, 2..... Philos 8..... Math. 1, 1C..... Physics 1..... Chem. 4..... Geol. 1..... Surveying.....	Latin 1..... French 1, 2..... German 1..... English 6..... History 8..... Philos 7..... Geol. 2..... Comm. 9.....	Latin 2..... Elem. Greek..... Greek 1..... History 1, 2..... Math. 1, 1C..... Physics 1..... Geol. 1.....	Latin 1..... French 1, 2..... German 1..... Drawing 2..... Chem. 4, Lab.....	Latin 1..... French 1, 2..... German 1..... Drawing 2..... Chem. 4, Lab.....
11	Latin 2..... English 1, 9..... Economics 1..... Math. 3..... Comm. 2.....	Elem. Latin..... Latin 4..... French 10..... Spanish 2..... English 7..... History 5..... Economics 5..... Math. 1, 2..... Geol. 10..... Mech 4.....	Latin 2..... English 1, 9..... Economics 1..... Math. 3..... Comm. 2.....	Elem. Latin..... Latin 4..... French 10..... Spanish 2..... English 7..... History 5..... Economics 5..... Math. 1, 2..... Geol. 10..... Mech 5.....	Latin 2..... English 1..... Economics 1..... Math. 3..... Comm. 2.....	Elem. Latin..... Drawing 2..... Chem 4, Lab..... Spanish 2..... Math. 1..... Geol. 10.....	Elem. Latin..... Drawing 2..... Chem 4, Lab..... Spanish 2..... Math. 1..... Geol. 10.....
12	Latin 1..... Greek 4..... Elem. French..... English 2, 5..... Economics 1..... Math. 7..... Physics 2..... Mech. 4.....	.....	Latin 1..... Greek 4..... Elem. French..... English 2, 5..... Econ. 1, 10..... Math. 7..... Physics 2..... Mech. 4.....	.....	Latin 1..... Elem. French..... English 2..... Econ. 1, 10..... Physics 2..... Mech. 4.....	Drawing 2..... Chem. 4, Lab.....	Drawing 2..... Chem. 4, Lab.....
2.30	German 2..... History 6..... Gov't 5..... Philos 1..... Zoology 3..... Botany 3..... Drawing 1, 1B..... Comm. 1..... Physics 3, Lab..... Chem. 1, Lab.....	Elem. Greek..... Spanish 10..... Economics 12..... Gov't 6..... Biology 1..... Music 2..... Surveying..... Chem. 1A, Lab..... Chem. 2, Lab..... Geol. 1, Lab.....	German 2..... History 6..... Gov't 5..... Philos 1..... Zoology 3..... Botany 3..... Mech. 3..... Comm. 1..... Physics 2, Lab.....	Elem. Greek..... Spanish 10..... Economics 12..... Gov't 6..... Biology 1..... Music 2..... Surveying..... Chem. 1A, Lab..... Chem. 2, Lab.....	Physics 1, Lab..... Geol. 1, Lab..... Gov't 5..... Philo. 1..... Drawing 1, 3..... Comm. 1.....	.....	.....
3.30	Archaeology..... Spanish 1..... Gov't 1..... Philos 2..... Drawing 1, 1B..... Physics 3, Lab..... Chem. 1, Lab..... Zoology 3, Lab..... Botany 3, Lab.....	French 4..... Spanish 1..... English 3..... Economics 4..... Gov't 3..... Surveying..... Chem. 1A, Lab..... Chem. 2, Lab..... Geol. 1, Lab..... Biol. 1, Lab.....	Archaeology..... Spanish 1..... Gov't 1..... Philos 2..... Mech. 3..... Physics 2, Lab..... Zoology 3, Lab..... Botany 3, Lab.....	French 4..... Spanish 1..... English 3..... Economics 4..... Gov't 3..... Surveying..... Chem. 1A, Lab..... Chem. 2, Lab..... Biol. 1, Lab.....	Physics 1, Lab..... Spanish 1..... Gov't 1..... Geol. 1, Lab..... Drawing 1, 3.....	.....	.....
4.30	Drawing 1, 1B..... Philos 13..... Physics 3, Lab..... Chem. 1, Lab..... Surveying..... Zoology 3, Lab..... Botany 3, Lab.....	French 5..... Bib. Lit..... Philos 11..... Surveying..... Chem. 1A, Lab..... Chem. 2, Lab..... Geol. 1, Lab..... Biol. 1, Lab.....	German 3..... Philos 13..... Mech. 3..... Physics 2, Lab..... Zoology 3, Lab..... Botany 3, Lab.....	French 5..... Bib. Lit..... Philos 11..... Surveying..... Chem. 1A, Lab..... Chem. 2, Lab..... Biol. 1, Lab.....	Drawing 1, 3..... Physics 1, Lab..... Geol. 1, Lab.....	.....	.....

\*Fall Term. †Winter Term.

CONTENTS

CALENDAR

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1925-1926



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# CONTENTS.

Page.	Page.
<b>The University—</b>	
Time Table.....	Cover
Almanac.....	iii
Board of Governors.....	iv
Senatus Academicus.....	iv
Academic Staff.....	vi
<b>Introduction—</b>	
Historical Sketch.....	1
Constitution.....	5
Degrees and Courses.....	5
Affiliated Institutions.....	7
Equipment.....	7
<b>Admission—</b>	
Classification.....	9
Matriculation.....	10
Admission to Advanced Stand- ing.....	15
<b>University Regulations—</b>	
Registration.....	17
Residence.....	17
Church Attendance.....	18
Discipline.....	18
University Library.....	19
Caution Deposit.....	19
Laboratory Deposits.....	20
Fee for Support of Student Or- ganizations.....	20
Students Loan Fund.....	20
Academic Costume.....	21
Conferring of Degrees.....	21
Prizes and Scholarships.....	21
Entrance Scholarships.....	22
Undergraduate Prizes.....	24
Graduation Prizes.....	25
Rhodes Scholarship.....	26
1851 Exhibition Scholarship.....	26
I. O. D. E. Scholarships.....	27
<b>Faculty of Arts and Science—</b>	
Academic Year.....	28
Degrees and Courses.....	28
Ordinary Course for B. A.....	29
Choice of Electives.....	30
Affiliated Courses.....	30
Order of Classes.....	31
Ordinary Course for B. Sc.....	32
Affiliated Courses.....	32
Order of Classes.....	33
Admission to Advanced Standing	33
Degree of Bachelor with Distinc- tion.....	34
Degree of Bachelor with Honours	35
Honour Courses.....	36
Master of Arts or Master of Science.....	43
Course in Engineering.....	45
Degree of Bachelor of Commerce.	46
Degree of B. Mus.....	47
Diploma of L. Mus.....	48
Regulations for Courses in Music.....	49
Degree of Pharm. B.....	49
General Faculty Regulations....	50
Admission to Classes.....	50
Attendance.....	52
Class Work.....	52
Examinations.....	53
Sessional and Class.....	53
Distinction.....	53
Supplementary and Special....	54
Fees.....	54
Courses of Instruction.....	57
<b>Faculty of Law—</b>	
Preliminary Statement.....	91
Academic Year.....	94
Admission.....	94
Curriculum.....	95
Sessional Examinations.....	97
Supplementary Examinations.	97
Fees.....	98
Courses of Instruction.....	99
<b>Faculty of Medicine—</b>	
Preliminary Statement.....	103
Equipment.....	104
Academic Year.....	107
Degrees.....	107
Admission and Grading.....	107
Curriculum.....	108
Regulations for Degrees.....	109
Professional Examinations.....	109
Pass and Distinction Lists.....	110
Admission to Examinations.....	111
Supplementary Examinations.	112
Exemptions.....	112
Sponsio Academica.....	113
Medals and Prizes.....	113
Fees.....	114
Courses of Instruction.....	116
<b>Faculty of Dentistry—</b>	
Preliminary Statement.....	128
Dominion Dental Council.....	129
Academic Year.....	130
Admission of Students.....	130
Curriculum.....	131
Regulations for Degrees.....	132
Professional Examinations.....	132
Pass and Distinction Lists.....	133
Admission to Examinations.....	133
Supplementary Examinations.	134
Exemptions.....	134
Instruments and Appliances....	134
Prizes.....	135
Fees.....	135
Courses of Instruction.....	137
<b>Societies—</b>	
Alumni Association.....	141
Alumnae Association.....	141
Student Societies.....	141
<b>University Lists—</b>	
Degrees conferred.....	145
Honours, Prizes, etc.....	149
Entrance Standing.....	149
Students 1928-24.....	151

## UNIVERSITY ALMANAC, 1925-1926.

1925.

Aug.	24	M.	—Last day for receiving applications* for Supplementary Examinations.
Sept.	7	M.	—Shop Work and Surveying Camp for students in Engineering begin.
Sept.	8	Tu.	—Session begins. Registration (and Payment of Fees) to and Supplementary Examinations for students in Law, Medicine, Dentistry, except for first year in Medicine and Dentistry.
	9	W.	
	9	W.	—Lectures begin. Last regular Registration ††Day for such students.
	12	S.	—12 Noon. Registration for such students ends.
	19	S.	—Last day for receiving applications* for Matriculation (and Scholarship) Examinations.
	21	M.	—Registration (and Payment of Fees) begins in Arts and Science. Matriculation (and Scholarship) and Supplementary Arts and Science Examinations† begin.
	22	Tu.	—9.30—12.30 a. m., Latin; German.** —2.30—5.30 p. m., English.
	23	W.	—9.30—12.30 a. m., French; Greek.** —2.30—5.30 p. m., Physics.
	24	Th.	—9.30—12.30 a. m., Geometry. —2.30—5.30 p. m., Chemistry.
	25	F.	—9.30—12.30 a. m., Algebra. —2.30—5.30 p. m., Trigonometry; History.**
	26	S.	—12 Noon. Regular Registration†† Period for Students in Arts and Science ends. Results of Matriculation and Supplementary examinations declared.
	28	M.	—9 a. m., Lectures begin in Arts and Science.
	29	Tu.	—11 a. m., Meeting of Faculty of Arts and Science.
Oct.	3	S.	—12 Noon—Registration in Arts and Science ends.
	7	W.	—Intimation as to elective subjects to be made on or before this day in Arts and Science Faculty.
		M.	—Thanksgiving Day. No Lectures.
Dec.	14	M.	—Last day of lectures in classes wherein Christmas examinations are held.
	16	W.	—Christmas Examinations† begin.
	21	M.	—Last day of lectures.
	22	Tu.	—9 a. m., Christmas vacation begins.

1926.

Jan.	4	M.	—9 a. m., Lectures resumed.
Mar.	1		—Last day for receiving theses for Master's degree.
	28		—Last day for receiving Applications* for Examinations for Master's degree and for Music and Pharmacy.
Apr.	2	F.	—Good Friday, No Lectures.
	5	M.	—Last day for receiving Applications* for Spring Supplementary Examinations and for payment of Examination Fees in Medicine and Dentistry.
	19	M.	—Last day of Lectures
	21	W.	—Spring Examinations† begin
	29	Th.	—Final Professional Examinations in Medicine and Dentistry begin.
May	6	Th.	—11 a. m., Meeting of Faculty of Arts and Science. —4 p. m., Meeting of Faculty of Law. —8 p. m., Meeting of Faculty of Dentistry.
	7	F.	—11 a. m., Meeting of Senate. —5 p. m., Meeting of Faculty of Medicine. Results of Examinations declared.
	11	Tu.	—3 p. m., Convocation. Session ends.

\*Fee must accompany application for examination.

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

†For time table see Notice Board.

††Extra fee for late Registration \$2.00 per day.

# Dalhousie University.

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John Stewart, C. B. E., M. B., C. M., LL. D.

\*Deceased. Appointed but did not take his seat.

Officers of Administration.

v

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Zaidee A. Harris, }  
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Gladys M. Littler, *Clerk of the Dental Infirmary.*  
W. L. Harper, *Business Manager.*

\*Died during the Session.

## ACADEMIC STAFF.

## FACULTY OF ARTS AND SCIENCE, 1924-25.

- Arthur Stanley Mackenzie, B. A. (Dal.), Ph. D., (J. H. U.), D. C. L., LL. D., F. R. S. C., *President of the University*, 14 Hollis St.
- Archibald MacMechan, B. A. (Tor.), Ph. D. (J. H. U.), LL. D. (Tor.), F. R. S. C., *George Munro Professor of English Language and Literature and Head of Department*, 72 Victoria Rd.
- Howard Murray, B. A. (Lond.), LL. D. (Tor.), *McLeod Professor of Classics and Head of Department*, 15 Spring Garden Rd.
- Murray Macneill, B. A. (Dal.), M. A. (Harv.), *Church of Scotland Professor of Mathematics*, 83 Inglis St.
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- Herbert Leslie Stewart, M. A. (R. U. I. et Oxon.), Ph. D. (R. U. I.), F. R. S. C., *George Munro Professor of Philosophy and Head of Department*, 75 Larch St.
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- Henry Fraser Munro, B. A. (Dal.), M. A. (Harv.), *Eric Dennis Memorial Professor of Government and Political Science*, 246 Jubilee Rd.
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- Douglas McIntosh, B. A., B. Sc. (Dal.), A. M. (Cornell) D. Sc. (McGill), F. R. S. C., *Research Professor of Chemistry and Head of Department*, Bloomingdale Terrace.
- Carleton Bell Nickerson, M. A. (Clark), *Professor of Chemistry*, Armdale.
- Walter Douglas MacFarlane, M. A. (King's), Ph. D. (Gott.), *Professor of English Language and Literature (King's)*, 314 South St.
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- James Nelson Gowanloch, B. A., B. Sc. (Man.), *Associate Professor of Zoology*, Almeda Apartments.



- Arthur Kent Griffin, M. A. (Tor. et Oxon.), *Associate Professor of Classics (King's)*, 434 Robie St.
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- Harry Arnold Kent, M. A. (Dal.), D. D. (Mont.), *Lecturer in Biblical Literature*, Francklyn St.
- W. B. Wallace, LL. B. (Dal.), *Judge of the County Court, Lecturer in Commercial Law*, 99 Oxford St.
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- Robert Cumming Robb, B. A. (Dal.), *Laboratory Assistant in Biology*.
- Margaret Elizabeth Mackay, B. A. (Dal.), *Laboratory Assistant in Histology and Embryology*.
- Luella Jean Tattrie, B. A. (Dal.), *Laboratory Assistant in Biology*.
- W. E. Stirling, *Physical Instructor*.

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

Registrar of the Faculty, Professor M. Macneill.

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Professor McIntosh, Secretary.  
Professors Wilson, Johnstone and Bennet.

Committee on Library { Professor MacMechan, Chairman.  
Professor Murray.

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 C. J. Burchell, M. A., LL. B. (Dal.), K. C., *Lecturer in Shipping.*  
 R. F. Yeoman, B. A., LL. B. (Dal.), *Lecturer in Bankruptcy.*  
 Vincent C. MacDonald, LL. B. (Dal.), *Lecturer in Agency.*  
 W. E. Thompson, LL. B. (Dal.), *Lecturer in Insurance.*  
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 George H. Fielding, K. C., *Lecturer in Evidence.*  
 J. W. Godfrey, B. A. (Dal.), Rhodes Scholar, B. C. L. (Oxon.), *Lecturer in History of English Law.*

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*Acting Secretary of the Faculty, Professor Smith.*

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 M. A. Curry, B. A. (Vind.), M. D. (Univ. of N. Y.), *Emeritus Professor of Clinical Gynaecology.*  
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- Louis M. Silver, B. A. (Vind.), M. B., C. M. (Edin.), *Professor of Medicine and of Clinical Medicine, 65 Morris St.*
- John Stewart, C. B. E., M. B., C. M. (Edin.), LL. D. (Edin., and Dal.), *Professor of Surgery, 28 South St.*
- E. V. Hogan, M. D., C. M. (McGill), M. R. S. C. (Eng.), L. R. C. P. (Lond.), *Professor and Head of Departments of Surgery and Clinical Surgery, 109 College St.*
- H. K. MacDonald, M. D., C. M. (McGill), *Professor of Clinical Surgery, 11 Coburg Rd.*
- A. G. Nicholls, M. A., M. D., C. M., D. Sc. (McGill), F. R. S. C., *Professor of Pathology and Bacteriology, 86 Oxford St.*
- John Cameron, M. D. (Edin.), D. Sc. (St. And.), F. R. S. S. E. & C., M. R. C. S., *Dr. D. G. J. Campbell Memorial Professor of Anatomy, 390 South St.*
- J. H. L. Johnstone, M. Sc. (Dal.), Ph. D. (Yale), *Professor of Physics, 285 South St.*
- C. B. Nickerson, A. M. (Clark), *Professor of Chemistry, Armdale*
- Elrid Gordon Young, B. A., M. Sc. (McGill), Ph.D. (Cantab.) *Professor of Biochemistry.*
- A. Stanley Walker, M. A. (Leeds and Birm.), *Professor of History (King's), 245 Oxford St.*
- Owen S. Gibbs, M. B., Ch. B. (Edin.), *Professor of Pharmacology.*
- Boris Babkin, M. D. (Mil. Med. Acad. St. Petersburg), D. Sc., (Lond.), *Professor of Physiology.*
- W. Bruce Almon, M. D., C. M. (Dal.), *Associate Professor of Obstetrics, 35 Hollis St.*
- Kenneth A. MacKenzie, M. D., C. M. (Dal.), *Associate Professor of Medicine and Clinical Medicine, 89 Spring Garden Rd.*
- Philip Weatherbe, M. B. Ch. B., (Edin.), *Associate Professor of Surgery and Demonstrator in Operative Surgery, 318 Barrington St.*
- J. G. MacDougall, M. D., C. M. (McGill), *Associate Professor of Surgery and Clinical Surgery, 95 Spring Garden Rd.*
- E. Kirk Maclellan, M. D., C. M. (Dal.), *Associate Professor of Obstetrics and Demonstrator in Practical Obstetrics, 119 Spring Garden Rd.*
- George H. Murphy, M. D., C. M. (Dal.), *Associate Professor of Clinical Surgery, 28 Carleton St.*
- Hugh P. Bell, M. Sc. (Dal.), Ph. D. (Tor.), *Associate Professor of Botany, 242 Tower Rd.*
- J. N. Gowanloch, B. A., B. Sc. (Man.), *Associate Professor of Zoology, Almeda Apartments.*
- H. B. Atlee, M. D., C. M. (Dal.), F. R. C. S. (Edin.), F. R. S. M. (Lond.), *Associate Professor of Obstetrics and Gynaecology and Demonstrator in Practical Obstetrics, York Apartments.*
- Raymond Jackson Bean, M. S. (N. H.), *Associate Professor of Histology and Embryology, Almeda Apartments.*
- N. J. Symons, M. A. (Oxon.), *Associate Professor of Psychology (King's), 58 Robie St.*
- C. L. Bennet, B. A. (Cantab.), *Associate Professor of English (King's). King's College.*
- Harold S. King, A. B. (Harv.), *Assistant Professor of Chemistry, Armdale.*
- D. J. MacKenzie, M. D., C. M. (Dal.), *Assistant Professor of Pathology and Bacteriology.*

- N. B. Dreyer, B. A. (Cape et Oxon.), *Assistant in Physiology.*  
 Merle P. Colpitt, M. A. (Dal.), *Instructor in Physics, 34 Coburg Rd.*  
 E. Walter Todd, B. A. (Dal.), *Instructor in Chemistry, 6½ Walnut St.*  
 Lewis Thomas, M. D., C. M. (Dal.), M. R. C. S. (Eng.), L. R. C. P. (Lond.), *Demonstrator in Practical Surgery, 299 Brunswick St.*  
 F. E. Lawlor, M. D., C. M. (McGill), *Demonstrator in Mental Diseases, Dartmouth.*  
 R. E. Mathers, M. D. (New York), *Lecturer in Diseases of the Eye, Ear, Nose and Throat, 34½ Morris St.*  
 J. F. Lessel, M. D., C. M. (Dal.), *Demonstrator in Anaesthetics, 151 South Park St.*  
 M. J. Carney, B. A. (Dal.), M. D., C. M. (McGill), *Lecturer in Paediatrics and Clinical Medicine, 115 Oxford St.*  
 Frank G. Mack, M. B. (Tor.), *Lecturer in Skin Diseases and Demonstrator in Clinical Surgery, 140 Spring Garden Rd.*  
 James R. Corston, B. A., M. D., C. M. (Dal.), *Lecturer in Therapeutics and Demonstrator in Clinical Medicine, 337 Brunswick St.*  
 G. A. Burbidge, Member of N. S. Pharm. Soc., *Lecturer and Demonstrator in Materia Medica, 194 Robie St.*  
 W. Alan Curry, M. D., C. M. (McGill), F. R. C. S. (Eng.), *Lecturer in Surgery and Demonstrator in Anatomy, 121 South Park St.*  
 P. A. Macdonald, M. D., C. M. (McGill), *Demonstrator and Chief of Clinic in Practical Obstetrics, 317 Barrington St.*  
 W. L. Muir, M. D., C. M. (McGill), *Demonstrator in Anaesthetics, Jubilee Rd.*  
 Harry G. Grant, M. D., C. M. (Dal.), M. R. C. S., L. R. C. P. (Lond.), *Lecturer in Medicine and Clinical Medicine.*  
 J. L. Churchill, B. A. (Acad.), M. D., C. M. (McGill), *Lecturer in Medicine and Demonstrator in Clinical Medicine, 7 Quinpool Rd.*  
 T. M. Sieniewicz, M. D., C. M. (Dal.), *Lecturer in Medicine and Demonstrator in Clinical Medicine, 26½ Bland St.*  
 S. R. Johnston, M. D., C. M. (Dal.), *Lecturer in Medicine and Demonstrator in Radiology, 9 College St.*  
 A. C. Jost, M. D., C. M. (McGill), *Lecturer in Hygiene and Public Health, 85 Cambridge St.*  
 H. A. Chisholm, C. M. G., M. D., C. M. (McGill), *Lecturer in Hygiene and Public Health, 106 Inglis St.*  
 G. W. Grant, B. A. (Dal.), M. B., Ch. B. (Edin.), *Demonstrator in Anatomy and in Pathology, 18 Summer St.*  
 P. D. McLarren, M. D., C. M. (Dal.), *Demonstrator in Clinical Surgery, 317 Barrington St.*  
 J. N. Lyons, M. D., C. M. (Dal.), *Demonstrator in Bacteriology and in Clinical Surgery, 255 Tower Rd.*  
 Gordon B. Wiswell, M. D., C. M. (Dal.), *Demonstrator in Paediatrics, 186 Robie St.*  
 Frank V. Woodbury, M. D., C. M. (Dal.), L. R. C. S., L. R. C. P. (Edin.), L. F. P. S. (Glas.), *Demonstrator in Medical Jurisprudence, 177 South Park St.*  
 M. G. Burris, B. A., M. D., C. M. (Dal.), *Demonstrator in Clinical Surgery, Dartmouth.*

- V. L. Miller, B. A. (Acad.), M. D., C. M. (McGill), F. R. C. S. (Edin.), *Demonstrator in Clinical Surgery*, 133 Spring Garden Rd.
- D. J. MacDonald, M. D., C. M. (McGill), *Demonstrator in Clinical Surgery*, 168 South St.
- T. B. Acker, M. D., C. M. (Dal.), *Demonstrator in Clinical Surgery*, 26 Bland St.
- A. R. Cunningham, B. A., M. D., C. M. (Dal.), *Demonstrator in Diseases of the Eye*, 260 Barrington St.
- A. E. Doull, M. D., C. M. (McGill), *Demonstrator in Diseases of the Ear, Nose and Throat*, 34½ Morris St.
- H. W. Kirkpatrick, M. D., C. M. (Dal.), *Demonstrator in Diseases of the Eye*, 317 Barrington St.

Dean of the Faculty, Dr. John Stewart.

Assistant Dean, Secretary of the Faculty, Professor Hattie.

Committee on Studies and Attendance { President Mackenzie, Chairman.  
Dean Stewart, Assistant Dean Hattie, Secretary.  
Professors Nicholls, Murphy, Bell and K. A. MacKenzie.

#### FACULTY OF DENTISTRY, 1924-25.

- A. Stanley Mackenzie, B. A. (Dal.), Ph. D. (J. H. U.), D. C. L., LL. D., F. R. S. C., *President of the University*.
- A. W. Cogswell, M. D., C. M. (Hfx. M. C.), D. D. S. (U. of P.), *Professor of Dental Pathology and Therapeutics*, 105 Hollis St.
- S. G. Ritchie, B. A. (U. N. B.), D. M. D. (T. D. C.), *Professor of Dental Anatomy and Comparative Dental Anatomy and Lecturer in Drawing and Modelling*, St. Paul Building.
- F. W. Ryan, D. D. S. (U. of M.), *Professor of Operative and Clinical Dentistry*, 7 Spring Garden Rd.
- G. K. Thomson, D. D. S. (P. D. C.), *Professor of Crown and Bridge Work and Lecturer in Hygiene and Preventive Dentistry*, Chronicle Building.
- F. V. Woodbury, M. D., C. M. (Dal.), L. R. C. S. and L.R.C.P. (Edin.), L. F. P. S. (Glas.), *Professor of General and Oral Surgery and Anaesthetics*, 105 South Park St.
- W. W. Woodbury, B. Sc. (Dal.), D. D. S. (P. D. C.), *Professor of Orthodontia*, 17 Spring Garden Road.
- A. G. Nicholls, M. A., M. D., C. M., D. Sc. (McGill), F. R. S. C., *Professor of Pathology and Bacteriology*, 86 Oxford St.
- John Cameron, M. D., (Edin.), D. Sc. (St. And.), F. R. SS. E., & C., M. R. C. S., *Dr. J. G. D. Campbell Memorial Professor of Anatomy*, 390 South St.
- J. H. L. Johnstone, M. Sc. (Dal.), Ph. D. (Yale), *Professor of Physics*, 285 South St.
- C. B. Nickerson, A. M. (Clark), *Professor of Chemistry*, Armdale
- E. Gordon Young, B. A., M. Sc. (McGill), Ph. D. (Cantab.), *Professor of Biochemistry*.
- A. Stanley Walker, M. A. (Leeds and Birm.), *Professor of History (King's)*, 245 Oxford St.
- Boris Babkin, M. D. (Mil. Med. Acad., St. Petersburg), D. Sc. (Lond.), *Professor of Physiology*.
- Philip Weatherbe, M. B., Ch. B. (Edin.), *Associate Professor of Surgery*, 318 Barrington St.
- H. P. Bell, M. Sc. (Dal.), Ph. D. (Tor.), *Associate Professor of Botany*, 242 Tower Rd.
- R. J. Bean, M. S. (N. H.), *Associate Professor of Histology and Embryology*, Almeda Apartments.

- J. N. Gowanloch, B. A., B. Sc. (Man.), *Associate Professor of Zoology.*  
 C. L. Bennet, B. A. (Cantab.), *Associate Professor of English (King's), King's College.*  
 H. S. King, A. B. (Harv.), *Assistant Professor of Chemistry, Armdale.*  
 J. Stanley Bagnall, D. D. S. (Dal.), *Assistant Professor of Dentistry, 34 Larch St.*  
 D. J. MacKenzie, M. D., C. M. (Dal.), *Assistant Professor of Pathology and Bacteriology.*  
 N. B. Dreyer, B. A. (Cape et Oxon.), *Assistant in Physiology.*  
 Merle P. Colpitt, M. A. (Dal.), *Instructor in Physics, 34 Co-burg Rd.*  
 E. Walter Todd, B. A. (Dal.), *Instructor in Chemistry, 6½ Walnut St.*  
 W. H. H. Beckwith, D. D. S. (P. D. C.), *Lecturer in Operative Dentistry, 306 Barrington St.*  
 G. H. Fluck, D. D. S. (P. D. C.), *Lecturer in Prosthetic Dentistry, 122 Hollis St.*  
 W. C. Oxner, D. D. S. (B. C. D. S.), *Lecturer in Crown and Bridge Work and Ceramics, 66 Spring Garden Rd.*  
 R. H. Woodbury, D. D. S. (P. D. C.), *Lecturer in Prosthetic Dentistry and Metallurgy, 17 Spring Garden Rd.*  
 A. W. Faulkner, D. D. S. (Dal.), *Lecturer in Prosthetic Dentistry, 69 Gottingen St.*  
 G. R. Hennigar, D. D. S. (B. C. D. S.), *Lecturer in Exodontia and Radiology, 427 Barrington St.*  
 K. F. Woodbury, D. D. S. (Dal.), *Lecturer in Materia Medica, 177 South Park St.*  
 W. Alan Curry, M. D., C. M. (McGill), F. R. C. S. (Eng.), *Lecturer in Surgery and Demonstrator in Anatomy, 121 South Park St.*  
 D. G. A. Chudleigh, D. D. S. (B. C. D. S.), *Lecturer in History and in Operative Dentistry, St. Paul Building.*  
 C. B. H. Climo, D. D. S. (Dal.), *Lecturer in Jurisprudence, 315 Barrington St.*  
 H. S. Crosby, D. D. S. (Dal.), *Lecturer in Ethics and Economics, 315 Barrington St.*

Dr. S. G. Ritchie  
 Dr. F. W. Ryan  
 Dr. G. K. Thomson  
 Dr. W. W. Woodbury  
 Dr. W. H. H. Beckwith  
 Dr. W. C. Oxner  
 Dr. R. H. Woodbury  
 Dr. J. S. Bagnall

} *Demonstrators in Dental Sub.ects.*

G. W. Grant, B. A. (Dal.), M. B., Ch. B. (Edin.), *Demonstrator in Anatomy and in Pathology, 13 Summer St.*  
 O. Gardner, *Technician in Prosthetic Dentistry, 42 LeMarchant St.*

*Dean of the Faculty, \*Dr. Ryan.*

*Secretary of the Faculty, Dr. Bagnall.*

*Committee on* { *President Mackenzie, Chairman.*  
*Studies and* { *Dean Ryan, Dr. Bagnall, Secretary.*  
*Attendance* { *Drs. S. G. Ritchie and D. J. MacKenzie.*

*\*Died during the session. Succeeded by Dr. G. K. Thomson.*

# Dalhousie University.

## INTRODUCTION.

### Historical Sketch.

Dalhousie College was founded in 1818 by the Right Honourable George Ramsay, ninth Earl of Dalhousie, "for the education of youth in the higher branches of science and literature."

The original endowment was derived from funds collected at the port of Castine, at that time a part of the Commonwealth of Massachusetts, now of Maine, during its occupation in 1814 by Sir John Sherbrooke, then Lieutenant-Governor of Nova Scotia. In a letter to Lord Bathurst, dated December 14th, 1817, Lord Dalhousie, with the unanimous consent of the Council, proposed that £9,750 of these funds be devoted to the "founding of a College or Academy on the same plan and principle as that in Edinburgh," "open to all occupations and sects of religion, restricted to such branches only as are applicable to our present state, and having the power to expand with the growth and improvement of our society," and that this College be established in Halifax, "the seat of the legislature, of the courts of justice, of the military and the mercantile society." On the 6th of February, 1818, Lord Bathurst wrote expressing the Prince Regent's "entire approval of the application of the funds in question in the foundation of a Seminary in Halifax for the higher classes of learning." The building was begun in 1819, and on the 22nd of May in the year 1820 the corner stone was laid by the Earl of Dalhousie. On the 13th of January, 1821, an "Act to incorporate the Governors of Dalhousie College at Halifax" became law. The original Board consisted of the Governor-General of British North America, the Lieutenant-Governor of Nova Scotia, the Bishop, the Chief-Justice, the President of the Council, the Treasurer of the Province, the Speaker of the House of Assembly, and the President of the College.

After unsuccessful efforts in 1822-4 and 1829-36 on the part of both the British Government and the Board of Governors to effect a union with King's College, at that time the only other existing in the Province, Dalhousie College went into operation in 1838, with the Rev. Thomas McCulloch, D. D., as President.

In 1841 an Act was passed conferring university powers upon the College, and vesting the appointment of the Governors in the Governor and Council. Two years later President McCulloch died, and in 1845 the College was closed, the Governors considering it "advisable to allow the funds of the institution to accumulate." From 1849 to 1859 the College funds were employed to support a High School. Toward the end of this period, in 1856, the Arts department, of Gorham College, Liverpool, supported by the Congregationalists, was transferred to Dalhousie, "with a view to the furtherance of the establishment of a Provincial University," and for a short time an attempt was made to conduct the institution as a University under the Act of 1841.

The history of Dalhousie College as an institution realizing the purpose of its Founder may be dated from 1863. In that year the College was reorganized under an Act which empowered the Board of Governors to grant to any body of Christians, or any

individual, or number of individuals, the privilege of nominating a representative to the Board and a Professor, for every chair in the College supported by them to the extent of twelve hundred dollars a year. In consequence of this provision, the Presbyterian Church of Nova Scotia closed its academies at Truro and Halifax, and undertook the support of two chairs; and the Church of Scotland in Nova Scotia, having no institution of its own, endowed one chair—the Chair of Mathematics. Thus strengthened, the College opened in the Autumn in 1863 with a staff of six professors, the Rev. James Ross, D. D., being President. At the death of the incumbents of the two chairs supported by it, the Presbyterian Church withdrew its support.

In 1879 Mr. George Munro, of New York, endowed the Chair of Physics, and in rapid succession Chairs of History and Political Economy, English Literature, Law and Metaphysics. He also supported Tutorships in Classics and Mathematics, and for ten years provided liberal exhibitions and bursaries. His munificent gifts, aggregating about \$350,000, were at that time unparalleled in Canada.

In 1882 Mr. Alexander McLeod, of Halifax, left the residue of his estate, about \$65,000, to endow the three chairs now known as the McLeod Chairs of Classics, of Modern Languages and of Chemistry.

The purchase of the old College building by the City and the generous gift of \$20,000 by Sir William Young, for over forty years Chairman of the Board of Governors, led to the erection of a new building on Carleton St., the corner stone of which was laid by Sir William on the 27th of April, 1887. The gifts of Sir William Young to the College, subsequent to its reorganization, exceeded \$68,000.

In 1890 Mr. John P. Mott, of Halifax, left a bequest of \$10,000 to the College.

In 1902 the University received \$2,000 under the will of Professor Charles Macdonald for a library endowment fund.

In the same year the Alumni began a movement to collect funds for the erection of a library building in memory of Professor Macdonald, and obtained contributions of \$25,000 for the purpose. The erection of this building was not begun until February, 1914, being delayed until a new site for the University should be secured. The corner stone was laid by the Rev. Dr. Allan Pollok on April 29th. In the same year Professor Johnson left a number of his books and a bequest of \$1,000 to the library. In 1917 the library received a further endowment of \$1,000, the gift of President A. Ross Hill, of Missouri University, in memory of his deceased wife, née Agnes Baxter, B. A., '91. In 1921 the late Mrs. Elise Stewart Strathie bequeathed to the University \$1,500 as an endowment for the library in memory of her husband, Rev. R.G. Strathie, B. A. '95.

In 1912 a canvass for funds to pay for the purchase of the Studley estate which had been lately acquired as a new site for the University, and to erect the necessary new buildings and increase the endowment, brought in new subscriptions of about \$400,000. The new home of the University contains more than 40 acres and is



beautifully situated on a partly wooded eminence overlooking the North West Arm. The corner stone of the first of the new buildings, the Science Building, was laid by H. R. H. the Duke of Connaught, on Aug. 15th, 1912. Mr. Andrew Carnegie gave \$40,000 towards the erection of this building on condition that the University set aside a like amount for maintenance. The Science Building and the Macdonald Memorial Library were opened for occupancy in the fall of 1915. A stack, capable of accommodating 125,000 volumes, was added in 1921. In Jan., 1922, a building for the Law School was completed. It is to be used for a time as an Arts Building. The foundations of what is to be the permanent Arts Building have been laid, and a temporary building erected over them to serve as a gymnasium and examination and assembly hall.

Lieut. George W. Stairs, B. A. '09, who fell at Langemarck, bequeathed the sum of \$5,000 to the University.

By the will of Mr. Joseph Matheson, of Lower L'Ardoise, who died in 1915, the University received a legacy of \$15,000.

In 1916 Mr. John Macnab, a life-long friend to the University, died leaving two-thirds of the residue of his estate to the Board of Governors, a portion or all of it at their discretion to be devoted to the extension and maintenance of the library. The amount of this bequest was about \$96,000.

In 1918 the late Senator William Dennis and Mrs. Dennis founded the Eric Dennis Chair of Government and Political Science in memory of their son Eric who gave his life for his country at the taking of Vimy Ridge. They made provision for giving to the University the sum of \$60,000, the interest on which was to be devoted to the payment of the salary of the occupant of the new chair and to the provision of scholarships and a gold medal in connection with the department.

In 1919 the one hundredth anniversary of the founding of the University was celebrated, having been delayed for a year by the war. As a memorial of this event a canvass was made during 1920 for a fund for endowment and buildings, to be called the Centennial Fund. This campaign resulted in subscriptions for general purposes to the amount of \$439,000, and also the following amounts to be used for the specific purposes mentioned:—

Senator and Mrs. Dennis donated \$40,000 to be added to their previous gift, bringing the foundation of the Dennis Chair to \$100,000.

W. A. Black, Esq., of Halifax, contributed \$60,000 to endow a Chair of Commerce with special reference to seaborne commerce.

The late Mrs. E. B. Eddy, of Ottawa, made to the University a gift of \$300,000 to erect a Women's Building to serve as a residence and centre for the general interests of the women students. This was the largest single gift which the University had ever received. It was made in memory of Mr. and Mrs. Shirreff, of Chatham, N. B., the parents of Mrs. Eddy, and the building is called Shirreff Hall.

By the will of the late Mrs. Eddy, who died in 1921, the University is to receive on the death of her sister \$350,000; the University receives also a share of the residue of the estate.

The Rockefeller Foundation and the Carnegie Corporation, both of New York, contributed \$500,000 each to the University for the furtherance of medical education. Their magnificent gifts make possible a medical centre of the first rank in the Maritime Provinces.

The British Empire Steel Corporation made a promise of a contribution of \$250,000 for the encouragement of scientific research to stimulate the development of the mineral and other natural resources of the Province.

A fund of £4,000 sterling, to be known as the "James Gordon MacGregor Memorial Fund," was provided by the New Glasgow relatives of Prof. MacGregor. The object of the fund is to provide a Teaching Fellowship in Physics.

The Faculty of Medicine was organized in 1868, merged into the Halifax Medical College in 1875, and re-organized as an examining faculty in 1885. In 1911 the University purchased the property of the Halifax Medical College, and undertook the provision of instruction in all the subjects of the medical curriculum. After the removal of the Faculty of Arts and Science to Studley in Sept., 1915, the Medical School was removed to the Forrester Building, and the old Halifax Medical College vacated. The group of medical buildings has since been increased by the erection of the Medical Science Building, the Out-patient and Public Health Clinic and the Power House, all on the Medical Campus.

In 1914 Dr. D. A. Campbell and Mrs. Campbell endowed the Dr. D. G. J. Campbell Memorial Chair of Anatomy, in memory of their late son, a distinguished alumnus of this University.

The Faculty of Science was organized in 1877, and re-organized in 1891. In 1902 the School of Mines was established. An appeal for funds for the support of this department was made, and subscriptions were received to the amount of about \$60,000. In 1906 the Faculty was divided, the department of Pure Science uniting with the Faculty of Arts to form the Faculty of Arts and Science, and the department of Applied Science becoming the Faculty of Engineering. On the opening of the Nova Scotia Technical College in 1909, the Faculty of Engineering was discontinued.

The Faculty of Law was established in 1883.

The Faculty of Dentistry was organized in 1908, in affiliation with the Maritime Dental College, which, under the auspices of the Dental Association of the Province, provided instruction in the professional dental subjects. 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.

In 1911 the Pharmaceutical Society of Nova Scotia received the co-operation of the University in establishing the Nova Scotia College of Pharmacy. The University placed rooms at its disposal and arranged with some of the members of the scientific staff to give some of the instruction. In 1917 the Pharmaceutical Society of New Brunswick joined in the undertaking and the name was changed to the Maritime College of Pharmacy. The University offers the degree of Phm. B. to candidates fulfilling the necessary requirements.

A close association with King's College was entered into during the summer of 1923, whereby King's moved to Halifax and holds

in abeyance its degree-granting powers, except in Divinity. The staffs of the two institutions are combined into a single faculty of Arts and Science, and the students of both institutions are combined for purposes of instruction (except that King's freshmen have classes by themselves in purely Arts subjects). King's retains its entire corporate organization, residential life and internal discipline. It is temporarily housed in University Hall on the North West Arm, until funds are raised wherewith to build the new King's College.

#### Constitution.

**The Board of Governors** is the supreme governing body of the University. Appointments to it are made by the Governor-in-Council on the nomination of the Board, or on the nomination, with the approval of the Board, of any body of Christians, or of any individual, or number of individuals, supporting a chair in the College. Any such body or individual is entitled to one representative Governor for each chair so supported. The Board has granted to the Alumni Association the privilege of proposing the names of three members of the Board. An Alumni Representative Governor must resign at the end of three years; he may be appointed to succeed himself; but he cannot hold office for more than six years continuously. On similar conditions, the Alumnae Association have the selection of one member 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 Senate confers the degrees in course of Bachelor and Master of Arts, Bachelor and Master of Science, Bachelor of Commerce, Bachelor of Music, Bachelor of Pharmacy, Bachelor of Laws, Doctor of Medicine and Master of Surgery and Doctor of Dental Surgery. A course in Music for the diploma of Licentiate of Music is also prescribed.

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

The various Faculties of the University provide the instruction required in the courses leading to the above degrees, 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 the instruction in professional

subjects given by the Halifax Conservatory of Music or other approved institutions.

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 institutions.

**Engineering Courses.**—Courses in Engineering are offered in the Faculty of Arts and Science. These courses extend over two or three years and correspond to the work prescribed by the Nova Scotia Technical College for the first two years of four year courses in Civil, Mechanical, Electrical and Mining Engineering. A diploma will be issued to those completing the course satisfactorily.

**Public Health Nursing Course.**—In February, 1920, a course of six months duration was instituted for graduate nurses intending to take up the work of Public Health Nursing. A certificate of proficiency will be issued to those completing the course satisfactorily.

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

A candidate for the degree of Bachelor of Arts or Bachelor of Science may shorten by two years a subsequent course for a degree in Engineering.

**Privileges.**—The usual privileges of exemption from the Preliminary Examination granted to graduates of recognized universities by the learned professions in Canada and Great Britain are extended to this University.

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

Of the seven courses required by the University of Edinburgh for the degree of B. Sc. in Pure Science, three may be taken in this University; and of the seven courses required for the B. Sc. in Engineering, two may be taken in this University, subject to certain conditions.

The University of London exempts Bachelors of this University from the Preliminary Examination leading to the LL. B. degree of that University.

Graduates in law of this University are admitted to the Bar of Nova Scotia without further examination.

The degree in Medicine from this University is recognized as entitling to the privileges usually granted to graduates in Medicine of Canadian Universities. Graduates of this University in Medicine and Surgery who hold the License of the Provincial Medical Board may, on application, be placed on the Colonial List of the British Medical Register, and are eligible for admission to the licensing examination in the States of New York and Pennsylvania.

**Affiliated Institutions.****The Presbyterian College, Halifax.**

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

The classes and examinations in Hebrew 1, and New Testament Greek 1, conducted at this college are recognized as 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 Presbyterian College.

**The Prince of Wales College.**

*Principal*..... S. N. Robertson, M. A., LL. D.

Students holding High Honour Diplomas of Prince of Wales College, of Charlottetown, P. E. I., are admitted to the Third Year of the B. A. Course in Dalhousie, those holding Honour Diplomas to the Second, those holding Certificates or First Class licences to the First Year.

**Halifax Conservatory of Music.**

*Director*..... Mr. Harry Dean.

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

**The Maritime College of Pharmacy.**

*Secretary*..... Mr. G. A. Burbidge.

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

**Halifax Ladies' College.**

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

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

**Convent of the Sacred Heart.**

*Mother Superior*..... Madame Naud.

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

**Mount St. Vincent Academy.**

*Mother Superior*..... Mother Berchmans.

Arrangements have been made whereby students from this institution may receive Advanced Standing in work of the First and Second Years for work done at the Academy, and instruction in separate classes in the work of the Third and Fourth Years.

**Equipment.****Libraries.**

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

The University Library was instituted in 1867, as the result of an appeal made by the Rev. George M. Grant, at Convocation. It contains 32,000 volumes and 5,000 pamphlets, selected primarily to meet the needs of students in the Faculty of Arts and Science.

When the Law Faculty was organized in 1883 it received a number of very generous contributions for a Library. Today the Law Library contains about 10,000 volumes, including all the law reports which a student will find it necessary to consult.

The Medical Library, containing about 13,000 volumes, received its real start by the gift of some books and an endowment of £1,000 from Dr. C. Cogswell. It is open on certain conditions to any practitioner in the Province as well as to medical students.

Besides the libraries in the University, students may use, subject to certain conditions, the following libraries; The Science Library (61,000 volumes and pamphlets), the Legislative Library (24,000 volumes), the Citizens' Free Library (33,000 volumes), the Library of the Presbyterian Theological College (11,000 volumes), and the Nova Scotia Barristers' Society Library (18,000 volumes).

#### The Museum.

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

**The Thomas McCulloch Collection**, presented by the late Rev. William McCulloch, D. D., of Truro, contains a large and valuable collection of birds, especially native species of the Maritime Provinces, besides many mineral, rock and fossil specimens, shells of recent mollusca, Indian implements, etc. The fossil specimens include a collection of European cretaceous fossils and of carboniferous fossils, chiefly Nova Scotian. The collection of birds is supplemented by the valuable collection made by Col. T. J. Egan, of Halifax, containing thirty cases of native birds.

**The Patterson Collection** of Indian antiquities was made by the late Rev. George Patterson, D. D., LL. D., F. R. S. C., and presented by him to the University. It contains 280 specimens, catalogued and conveniently arranged for reference, including about 250 specimens relating to the aborigines of Nova Scotia.

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

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

#### Laboratories.

**The Science Building** is designed to be ultimately a chemical laboratory only, but for a number of years it will be divided between the departments of chemistry and physics. For a short time it will house also the departments of Geology and Engineering.

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

**The new Medical Science Building** on College St. contains the laboratories of the departments of Physiology, Bio-Chemistry, Pharmacology and Hygiene.

**The Out-patient and Public Health Clinic** building on Morris St. was opened in November of 1924. It marks the beginning of a new departure in the training of men for the practice of medicine. The Halifax Dispensary and Halifax Welfare Bureau have moved to this building and continue their activities from that centre. The Massachusetts-Halifax Relief Commission operates one of its three units from this building and the Victorian Order of Nurses uses it as a sub-station for certain of its activities.

**ADMISSION.**

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

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

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

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

**Undergraduates** are students who have completed Matriculation and are candidates for a Bachelor's degree in Arts or Science or a degree in a professional course. For details of admission to the professional courses see pp. 7, 8.

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

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

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

### Matriculation.

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

The Matriculation examinations will be held at the University, and at such other places as the Senate may appoint, on Sept. 22nd to 25th, 1925. For the timetable of the examinations see the University Almanac.

No fee is charged for a matriculation examination in September until after the student's second year of attendance.

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

*The last day for receiving applications for the examinations held at the University for the session of 1925-1926 is Saturday, Sept. 19th, 1925. Applications for examination at an outside centre should be made one month earlier.*

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

English	Geometry	French
British History	Trigonometry	German
Ancient History	Latin	Physics.
Algebra	Greek	Chemistry.

### Subjects Required for each degree.

The subjects of matriculation common to all degrees are:

- (1) English.
- (2) History (For **Medicine** and **Dentistry** this must be British History).
- (3) Algebra.
- (4) Geometry.

The remaining subjects are:

**For the B. A., and LL. B. degrees,**

- (5) Physics or Chemistry, (6) Latin or Greek,
- (7) another foreign language, (8) an elective.



**For the B. Sc. and B. Mus. degrees,**

- (5) Physics or Chemistry, (6) French, (7) German, (8) an elective.

**For the B. Com. degree,**

- (5) Physics or Chemistry, (6) and (7) two foreign languages, (8) an elective.

**For the M. D., C. M. and Phm. B. degrees,**

- (5) Physics, (6) Chemistry, (7) Latin, (8) French or German or Greek.

**For the D. D. S. degree,**

- (5) Physics, (6) Chemistry, (7) Latin.

**For the requirements for the Engineering Course see p. 45.**

#### Requirements in each subject.

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

**English.**—*Language:* Grammar, analysis, parsing. *Composition:* An essay on one of several set subjects to be selected from—Macaulay: *Warren Hastings, Samuel Johnson.* Shakespeare: *Merchant of Venice, Julius Caesar.* Longfellow: *Evangeline.* Scott: *The Lady of the Lake.* Stevenson: *Kidnapped.*

Questions on the interpretation of a passage not specified, to test general intelligence.

*Note*—The essential part of this examination is the essay. Legible writing, correct spelling and punctuation will be considered indispensable. Skill shown in sentence and paragraph construction will be awarded high marks. Not more than two of the works named need be read. They should be read primarily for the story, and need not be studied minutely, as a choice is allowed among at least six themes selected from the works named.

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

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

**Algebra**—Equations of the first and second degrees, indices, ratio and proportion, theory of quadratic equations, arithmetic and geometric progressions, permutations and combinations, as discussed in any high school algebra.

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

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

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

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

**Greek.**—As under Latin.

The book prescribed is Xenophon: *Anabasis*, Book I.

**French.**—*Ontario High School French Grammar*, to the end of Lesson LXXXIII; Berthon: *Specimens of Modern French Prose* (Macmillan) omitting IV, VI, IX, X. Easy sight translation from French into English and from English into French.

**German.**—*Joynes-Meissner's Grammar* to end of Lesson XLIV; Buchheim: *Modern German Reader, Part I*; grammar questions limited to accidence and easy rules of syntax; easy sight translation from German into English and from English into German.

**Chemistry.**—Thermometer; barometer; gas laws, and correction of volumes of gases for changes of pressure and temperature; specific gravity. The following elements and their simplest compounds: oxygen, hydrogen, chlorine and the halogens, sulphur, nitrogen, phosphorus, carbon, silicon, the principal metals. Fundamental laws. Meaning of formulae and equations. The extent of knowledge expected is such as may be gained from Evans' "*Elementary Chemistry for High Schools*," or other text book of similar grade, accompanied by a laboratory course of not less than seventy hours. Each candidate for examination must present a record of his laboratory work, neatly and legibly written, and duly certified to be the candidate's work by the teacher with whom the work was done. (See below).

**Physics.**—The candidate should have received instruction consisting of at least ninety hours of recitation and sixty hours of laboratory work. Such text-books as *The Ontario High School Physics and Laboratory Manual*, Gage's *Introduction to Physical Science*, and Mann and Twiss' *Physics* will indicate the grade of instruction required. The candidate is expected to perform at least thirty experiments distributed over the various parts of the subject, and to keep in a note-book a neat and orderly record of the same, described in his own words. This note-book bearing the certification of the instructor, must be presented for inspection along with the certificate or diploma submitted. (See below).

For 1925-1926 the laboratory requirement in Chemistry and Physics will not be insisted upon.

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

Candidates who pass in four or more subjects, but not in all, on any one occasion, will be given credit for such subjects; and may complete their Matriculation by passing the remaining subjects on any subsequent occasions.

**Certificates Exempting from Examination.**

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

- (a) Certificates of Matriculation Examinations taken at recognized Universities;
- (b) High School Certificates of Grades XI or XII of Nova Scotia, and, in the case of History and Science, of Grade X.
- (c) Honour Diplomas, or Certificates entitling to a First Class Licence, as issued by Prince of Wales College, or a First Class Licence issued by the Education Department of Prince Edward Island;
- (d) Grammar School, or Superior (except in Latin), or First Class Licences of New Brunswick.
- (e) Equivalent Licences or Certificates issued by Education Departments of other Provinces;
- (f) Diplomas of the Associate Grade as issued by the Education Department of Newfoundland;
- (g) The Preliminary Examination Certificate of the Nova Scotia Barristers' Society; and similar Certificates of the Bar Societies of other Provinces and Colonies with equivalent standards;
- (h) Certificates similar to the above issued by University or other official examining bodies, when found adequate.

If a candidate gets credit for at least four of the eight subjects of Matriculation, either at the Matriculation examinations or on a single certificate, he may complete Matriculation either by examination, or by certificate, or by both.

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

**Special Matriculation Regulations for each Faculty.**

**Faculty of Arts and Science**—A certificate of grade XI standard (or of grade X for History and Science) issued by the Education Department of Nova Scotia is treated as follows: Marks obtained in other than Matriculation subjects are not considered. The mark in a Matriculation subject is not considered unless it is at least 50 per cent. Subject to these restrictions the certificate will be accepted for the Matriculation subjects it covers in which the average of the marks obtained is at least 60 per cent., provided this average is reached in at least four subjects.

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

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

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

following—Latin, French or some other foreign language, History, Logic and Psychology, Economics, Government, Accounting, Chemistry or Physics, Surveying.

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

**Faculty of Medicine.**—In order to be admitted to the course in the Faculty of Medicine a candidate must have complete Matriculation in Arts, including Physics, Chemistry and British History, and must have attended and passed in English 1, History 1, Mathematics 1, Latin 1, and French 1 or German 1 or Greek 1, or must be exempted by certificate of Grade XII or its equivalent.,

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

**Faculty of Dentistry.**—Certificates of grades X, XI and XII are treated as in the Arts and Science Faculty.

In order to be admitted to the study of Dentistry, a student must have complete Matriculation.

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

### Admission to Advanced Standing.

#### Admission of Non-Collegiate Students.

Students who hold a High School certificate of Grade XII of the Province of Nova Scotia, or certain certificates of similar grade from other provinces, may ob-

tain credit for certain classes of the first year, and so shorten by a year the time required to complete a course for an Arts or Science degree. For the regulations concerning exemptions see under Faculty of Arts and Science, p. 33. See also the terms of affiliation with the Prince of Wales College, p. 7.

Students are admitted to advanced standing in any other Faculty only in accordance with the regulations for admission *ad eundem statum* below.

#### Admission ad Eundem Statum.

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

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

#### Admission ad Eundem Gradum.

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

## UNIVERSITY REGULATIONS.

### Registration.

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

### Health.

All students entering the University for the first time are required to submit to medical examination by the Staff of the department of Medicine at the University Health Centre. Any student wishing to engage in competitive athletics must submit to such examination each session, which will determine the form of athletics in which he may engage. All students entering the University who cannot submit certificates of having been successfully vaccinated shall be required to submit to vaccination. They are required to attend a short course of lectures on personal hygiene. All students shall be given the privilege of receiving medical examination, advice and treatment at the Health Centre, during the college sessions, free of charge.

### Residence.

All students are required to report their place of residence to the University Office on or before October 21st.

Shirreff Hall, the Women's Building of the University, the gift of the late Mrs. Eddy, will accommodate about ninety students. All women students not living with parents or guardians must live in residence, except in very unusual circumstances. Applications for rooms may be made through the Registrar's Office.

Pine Hill Presbyterian College dormitories are usually available for students of Dalhousie University to the extent of the accommodation not needed by Pine Hill College for its Divinity students. For in-

formation and reservations application should be made to the Principal, Pine Hill College, Halifax, N. S.

The Secretaries of the Men's and Women's Branches of the Student Christian Association will arrange to have someone meet at the train any student coming to Halifax for the first time, if notified in advance of the time of arrival, and will assist in finding boarding places. They can be addressed after September 15th in care of the University.

### Church Attendance.

All students not residing with parents or guardians are required to report to the Office on or before October 15th the churches which they intend to make their places of worship during the session. Intimation will be made to the various clergymen of the city of the names and addresses of the students who have chosen their respective places of worship.

### Discipline.

The Senate may use all means deemed necessary for maintaining discipline. It is the duty of the Dean of the University to see that order is maintained within the buildings and on the premises of the University. Every professor or officer of the University is required to report to the Dean 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. Particular attention is called to the regulation number 7 on page 52 covering the case of students in the Arts and Science Faculty who fail at the Christmas Examinations.

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



### **Non-Academic Student Activities.**

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

(a) Students on probation in any Faculty. (b) Students registered for less than ten lectures per week, a period of two laboratory hours being regarded for this purpose as equivalent to one lecture. (c) Students with more than two entrance conditions or more than two college conditions or more than three of either, as defined in the rules of the Maritime Intercollegiate Athletic rules.

### **University Library.**

The Library is open during the session on every week-day, except Saturday, from 9 a. m. till 5 p. m., and on Saturday till 1 p. m.

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

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

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

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

### **Caution Deposit.**

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

**Laboratory Deposit.**

A student taking a class involving laboratory work is required to make a deposit of two to five dollars, depending upon the class taken, on entering the class. 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.

**Fee for Support of Student Organization.**

At the request of the student body, as expressed by a ballot taken on the question and presented through the Council of the students, a fee not exceeding \$7.00 may be collected on registration from each student who takes more than one class. This fee entitles the student to the privileges of any or all of the following student organizations: Dalhousie Amateur Athletic Club, Dalhousie Skating Club, Delta Gamma Society, Dalhousie Dramatic Club, Sodales, and to a copy of the Dalhousie Gazette. A student taking only one class and desiring to take part in one or more of the above organizations must pay this fee.

**Students' Loan Fund.**

A Students' Loan Fund has been started by the gift of \$1,000 for the purpose from the Chronicle Publishing Co., Limited, of Halifax. It is hoped that other donations will be made to increase the fund for this desirable purpose.

An application for a loan will be considered only from a student of Undergraduate standing who has attended the University for at least one year, has the approval of the Dean or corresponding university officer of his Faculty as to general academic standing, and is of good standing among his fellow students. The loan to any student shall not exceed \$100 in any one year, nor \$300 in total amount. Loans shall not bear interest until the beneficiary, or the class of which he was a member, has graduated; and it shall be repayable within one year from this graduation date.

The Alumnae Loan Fund for women students has been started by the Alumnae Association. Loans

will be granted on terms similar to those outlined above. For further information apply to the President.

### Academic Costume.

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

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

- 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. E.—White silk bordered with dark green silk.
- B. Mus.—White silk bordered with lavender silk.
- Phm. B.—White silk bordered with dark blue silk.
- LL. B.—White silk bordered with gold coloured silk.
- B. Com.—White silk bordered with light blue silk.
- M. D., C. M.—Scarlet silk bordered with white silk.
- D. D. S.—Scarlet silk bordered with gold coloured silk.
- LL. D.—Purple silk.

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

### Conferring of Degrees.

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

By special permission of the Senate degrees may be conferred, in exceptional cases, *in absentia*. Written application giving reasons for the request must be made well in advance to the Secretary of Senate. For fee see Page 56.

### Prizes and Scholarships.

*The Senate reserves to itself the right of withholding Medals, Prizes and Scholarships, in cases in which sufficient merit is not shown.*

*The annual payment of any Scholarship or Bursary is made in two instalments, on October 15th and February 1st, the latter payment being conditional on the holder having made satisfactory progress in his classes.*

(Open to Students in Arts and Science).

#### Halifax City Free Scholarships.

The University offers each year to the Halifax Academy, to Bloomfield High School and to St. Patrick's High School for Girls, a scholarship exempting the holder from tuition fees to a maximum amount of \$90 per year. These scholarships are tenable for four years, conditional upon the scholar pursuing a course in Arts or Science leading to a degree and reaching the grade of Distinction in at least two classes in each year. They are not payable during the year in which the holder is in receipt of another scholarship.

Candidates must have completed Matriculation, and reached a grade of scholarship represented by an average of 65 with no mark less than 50 on papers written in Grade XI examinations on Matriculation subjects, or the mark of Distinction on papers written in the Matriculation examinations, and must satisfy the Committee of Selection that they are deserving of financial assistance.

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

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

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

**The University or Professors' Scholarships Fund.**—The University has set aside funds sufficient to produce an income of \$400 per year for scholarships to take the place of those offered in the earlier days by individual professors who received their class fees as part of their salaries.

**The George S. 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 received from a bequest of \$57,500 by Robert Bruce, of Quebec, to be used for bursaries and scholarships.

**The Khaki University and Young Men's Christian Association Memorial Scholarship Fund.**—This fund, amounting to \$6,500, was received from the trustees of the Khaki University to endow scholarships.

The income from these funds is applied as follows:—

#### Entrance Scholarships.

These Scholarships are nine in number, as follows:

3	George H. Campbell Memorial Scholarships, of . . .	\$200	each
2	Sir Wm. Young Scholarships, of . . . . .	100	each
2	University Scholarships, of . . . . .	100	each
*1	Mackenzie Scholarship, of . . . . .	100	
1	Bruce Scholarship, of . . . . .	85	

\*(In the awarding of this Scholarship, candidates of the name of Mackenzie, MacLean or Fraser will be given the preference.)

In order to be eligible a candidate must reach the grade of Distinction (55%) in the examinations named below, and otherwise satisfy all matriculation requirements, and must not have attended as a Matriculant or Undergraduate a recognized degree-granting College or University, and must intend to enter the Arts and Science Faculty of Dalhousie University, and must not have been a candidate more than once before. In the award of the Scholarships, subject to the above conditions, one shall be assigned, each, to

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

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

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

The next award of these Scholarships will be made on the marks received in the following five subjects of the regular matriculation examinations held at Dalhousie University on September 22nd to 25th, 1925:

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

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

The successful candidate for any one of these Scholarships may enter on Advanced Standing the classes of a higher year than the first (see p. 9), but he will not then be eligible for the First Year Scholarships described below.

**First Year Scholarships.**

These Scholarships are nine in number as follows:

3	George H. Campbell Memorial Scholarships, of . . .	\$200 each
2	University Scholarships, of . . . . .	100 each
*1	Mackenzie Scholarship, of . . . . .	100
1	Bruce Scholarship of \$85.00 tenable, for three years,	255

\*(In the awarding of this Scholarship, candidates of the name of Mackenzie, MacLean or Fraser will be given the preference.)

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 payable in two equal instalments, on October 15th and February 1st, the latter payment being conditional on the Scholar having made satisfactory progress in his classes.

They are awarded on the results of the Sessional Examination returns in the following classes: English 1, Mathematics 1 or 1C, Chemistry 1 or Physics 1 or Physics 2, and any two of the four classes, Latin 1, Greek 1, French 1, German 1.

**Second Year Scholarships.**

**The Allan Pollok Scholarship.**—This scholarship has been 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 may be considered as constituting a normal second year course in Arts, namely, (a) English 2, (b) Latin 2 or Greek 2, (c) a class in Mathematics or Science, (d) a class in History, Economics, Philosophy or a foreign language, (e) another class. The scholarship can not be held along with the N. B. Centennial Bursary, the Jotham Blanchard Bursary or the Charitable Irish Society Scholarship. 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 selected by himself from the following: (a) English 2; (b) two from Latin 2, Greek 2, French 2, German 2, (c) two other classes. It is tenable for two years, namely during the third and fourth years of residence. The next award will be made in May, 1926.

**The Jotham Blanchard Bursary.**—This Bursary, of the annual value of \$50, being the interest of an endowment of \$1000, founded by the New Glasgow Literary and Historical Society in memory of Jotham Blanchard, an honoured name in the annals of Pictou County, will be awarded biennially on the same academic

\*For students who have been admitted by certificate to the second year read „one” for “two.”

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, 1927.

**The Charitable Irish Society Scholarship.**—A Scholarship of the annual value of \$100 founded by the Charitable Irish Society of Halifax, will be awarded biennially. Candidates must be undergraduates in a course of Arts or Science who are just completing two years of residence, and must be, in the judgment of the Society, of genuinely Irish descent. The scholarship shall be awarded to that candidate who shall have been admitted by the Senate of the University to an Honour Course for the degree of B. A., or in the event of more than one such candidate being available, to that candidate whose university standing is highest. In the event of no such persons being applicants for this scholarship it shall be awarded to the candidate whose university standing is highest in the examinations of any five classes selected by himself or herself from the following: (a) English 2, (b) one from Latin 2, Greek 2, French 2, German 2, Spanish 2, (c) one in Mathematics, Physics, Biology or Chemistry, (d) one from Philosophy 1, History 1, Economics 1, (e) one other class. It is tenable for two years, namely, during the third and fourth years of residence. The next award will be made in May, 1926.

**Commercial Club Scholarships.**—The Commercial Club of Halifax has offered two scholarships of \$100 each to the students of the second and third years of the course in Commerce who have attained the highest standing in their respective classes.

(Other Undergraduate Prizes).

**The Waverley Prize.**—This prize, of the value of \$40, being the interest of an endowment for the purpose, will be awarded annually to the student standing highest in Mathematics 3, his standing in Mathematical classes previously taken in the University being taken into consideration.

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

**The Khaki University Scholarships.**—These scholarships of the value of \$100 each, two in number, will be awarded to third year students in Arts and Science to be held during their fourth year. The award is based on scholastic attainments but preference is given to men or women, who have served overseas, or to their children.

**The 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."

#### Graduation Prizes.

*To be eligible for a medal a candidate must attain a standard considerably above that required for high honours.*

**The Governor-General's Gold Medal,** offered by His Excellency the Governor-General of the Dominion of Canada, will be

awarded to the student who stands first among those taking High Honours in the department of Classics. In the event of its not being awarded in this department, it may be awarded in the department of Latin and English, or in that of Greek and English or in some other department.

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

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

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

**The Avery Prize.**—This prize, of the value of \$20, being the interest of a sum of money bequeathed for this purpose by J. F. Avery, M. D., will be awarded on graduation to the student standing highest among those graduating with Distinction.

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

(Open to all Students).

**The Halifax Overseas Club Essay Prize.**—This prize, of the value of \$55, being the interest of a fund of \$1,000 given by the Halifax Overseas Club, 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. For further particulars address the President.

**The W. H. Dennis English Prizes, The Joseph Howe Prizes for Poetry and the James DeMille Prizes for Prose.** These prizes, established by W. H. Dennis, Esq., of the value of \$200 each for a first prize and \$100 each for a second prize, will be offered annually. For the regulations address the President.

#### **The Rhodes Scholarship.**

This scholarship of the annual value of £300 for three years is awarded annually. For circulars and further information apply to Prof. J. E. Read, Secretary Committee of Selection.

#### **1851 Exhibition Science Research Scholarships.**

These scholarships, of the value of £200 sterling a year, are tenable for two, or, in rare instances, three years. They are open to



students of not less than three years standing who have shown evidence of capacity for original research, and are tenable at any university or other institution approved by the Commissioners. For particulars address the President.

**Daughters of the Empire Bursary.**

This bursary of the annual value of \$250.00, is tenable for four years at any university in Nova Scotia and is open to the sons and daughters of deceased or permanently disabled soldiers and sailors. One is available for each Province each year.

Full information can be obtained by writing to the Head Office of the Order for Canada, 238 Bloor Street East, Toronto, Ont.

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

**Daughters of the Empire Post-Graduate Overseas Scholarship.**

This scholarship was founded by the Imperial Order, Daughters of the Empire, as part of the war memorial of the Order. Nine are offered annually—one for each Province. They are of the value of \$1,400, are tenable for one year and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial history, the economics and government of the Empire and Dominion, or any subject vital to the interests of the Empire." For further information apply to the Head Office of the Order.

# Faculty of Arts & Science

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## General University Regulations.†

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

### Academic Year.

The Academic Year consists of one session of about thirty-two weeks duration. The session of 1925-26 will begin on Monday, September 21st, 1925, and end on Tuesday, May 11th, 1926.

### 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 Music (B. Mus.), Bachelor of Pharmacy (Phm. B.), and Bachelor of Commerce (B. Com.), and to the Diploma of Licentiate of Music (L. Mus.). A course in Engineering, extending over two or three years, is prescribed for students who look forward to subsequently completing a course in Civil, Mechanical, Electrical or Mining Engineering at the Nova Scotia Technical College, or other technical institution. A diploma is given for successful completion of this course.

The 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.

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†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 Faculty does not hold itself bound to adhere absolutely to the curriculum and conditions now laid down.

The degree of Bachelor of Arts or of Science with Distinction is awarded to a student who obtains a sufficiently high standing in the classes of the Ordinary course.

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.

The course of study for the Diploma of Licentiate of Music extends over two years, and that for the degree of Bachelor of Music over three years.

The degree of Bachelor of Pharmacy is awarded for the successful completion of a course extending over four years.

### Ordinary Course for Bachelor of Arts.

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

- (i) Two classes in either Latin or Greek.
- (ii) Two classes in one, not already chosen, of the following languages: Latin, Greek, French, German, Spanish.
- (iii) Two classes in English.
- (iv) History 1, Philosophy 1, Mathematics 1 or 1 C.
- (v) One Class in either Physics or Chemistry.
- (vi) One class in Physics or Chemistry or Biology 1 or Geology 1.
- (vii) Latin 3 or Greek 3 or French 3 or German 3 or Economics 1 or Government 1.
- (viii) Eight other classes, selected from the following list, such that of the twenty offered for the degree at least four must be taken in one subject and at least three in each of two others.

Latin	Archaeology	Mechanics
Greek	History	Physics
Biblical Literature	Economics	Chemistry
French	Government	Geology
German	Philosophy	Biology
Spanish	Mathematics	Physiology
English	Music	

For details of subjects studied in the above classes see Courses of Instruction, p. 57, *et seq.*

**Choice of Elective Classes.**

Latin 1, Greek 1, French 1, German 1 and Spanish 1, are not recognized as part of a course for a degree unless the corresponding second class is subsequently taken.

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

Lists of the elective classes chosen by students must be submitted for approval not later than Wednesday, October 7th, 1925.

**Affiliated Courses.**

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

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

By an arrangement with King's College, Halifax, the class in New Testament Greek and two of the following three classes, Hebrew, Biblical Literature and Ecclesiastical History, conducted by the Divinity Faculty of that institution, can be offered for the three electives referred to above by students intending to go forward to the study of Divinity there.

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

**C. For Medicine.**—Anatomy 1 and Practical Anatomy 1, Histology, Embryology.

**D. For Engineering.**—Drawing 1, Drawing 2, Mechanics 3, 4.

**E. For Commerce.**—Accounting 1, Accounting 2 or Commercial Law, Marketing, Business Organization.

Students whose course has included Physics 1, 20, Chemistry 1A, 2, 4, Biology 1A, and the subjects of Group C may complete a subsequent course in Medicine at this University in four years.

An undergraduate who elects group D, and also includes in his course the other classes common to it and the course in Engineering, and who takes Surveying, Drawing 3 and Mechanics 5 as extra classes, may complete the subsequent work for a degree in Engineering in two years.

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

### Order of Classes.

The classes of a course may be taken in any order, subject to the regulations regarding admission to classes (page 50). 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, should consult the Registrar early in their course about the right order of classes for the purpose.*

#### First Year.

1. Latin 1, or Greek 1.
2. One, not already chosen, of Latin 1, Greek 1, French 1, German 1, Spanish 1.
3. English 1.
4. Mathematics 1 or 1C.
5. Chemistry 1, or History 1, or Physics 1 or 2.

#### Second Year.

1. The language chosen as class 1 in the first year.
2. The language chosen as class 2 in the first year.
3. English 2.
4. Philosophy 1, or History 1.
5. A class in one of the following: Mathematics, Physics, Chemistry, Economics, Government.

## Third and Fourth Years.

The remaining required classes and elective classes from the subjects specified on page 29.

**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.
- (ii) One in each of the following: Mathematics (including Drawing 1B), Physics, Chemistry, Biology or Geology, French, German.
- (iii) Two classes selected from the departments of Languages, History, Economics, Government and Philosophy.
- (iv) Ten other classes, such that of the twenty offered for the degree at least four shall be taken in one Science (including Mathematics), at least three in another Science and at least three in Mathematics or English or a third Science.

**Affiliated Courses.**

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

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

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

An undergraduate looking forward to the study of Medicine may offer the subjects in Group B below for three of the electives in Group iv above:

**B. For Medicine.**—Anatomy 1 and Practical Anatomy 1, Histology, Embryology.

Students whose course has included Physics 1, 20, Chemistry 1, 2, 4, Biology 1A, and the subjects of Group B, may complete a subsequent course in Medicine at this University in four years.

#### Order of Classes.

The classes of a course may be taken in any order, subject to the regulations regarding Admission to Classes (page 50). 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, should consult the Registrar early in their course about the right order of classes for the purpose.*

#### First Year.

1. French 1.
2. German 1.
3. English 1.
4. Mathematics 1 (including Drawing 1B.)
5. Physics, or Chemistry 1.

#### Second Year.

1. English 2.
2. An elective.
- 3, 4, 5. Three Science classes.

#### Third and Fourth Years.

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

#### Admission to Advanced Standing.

Students may enter the University on Advanced Standing, that is, be given credit for certain classes of the first year, and thus have the opportunity of completing a course for a degree in Arts or Science in three years, as follows:

A student entitled to Matriculant or Undergraduate standing in Arts or Science, who presents one of the certificates specified below, will be given credit, after completing a subsequent class in the same subject, or,

in the case of Mathematics 1, a Science class, for such classes in the following list, not exceeding five in number, as the certificate warrants:

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

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

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

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

**Degree of Bachelor with Distinction.**

The degree of Bachelor of Arts or of Science with Distinction will be conferred on undergraduates for special excellence shown in the classes of the Ordinary course. The award of such degree is based upon the Class Distinctions (page 53) gained by candidates; and not only are the number and grade of such Distinctions considered, but also the extent and character of the work by which they have been gained. Distinctions gained in recognized classes of other Faculties of the University are taken into consideration, but not those gained in other colleges, though such classes may be recognized for the degree.

\*The standard required is 50 per cent. in each subject. For Mathematics an aggregate of 150 is required in the three subjects of Algebra, Geometry and Trigonometry.



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

Students taking more than 23 hours per week (lectures and laboratory) will not be admitted to read for distinction in any class.

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

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

### Degree of Bachelor with Honours.

An undergraduate who has passed in at least *nine* classes of the Ordinary Arts or Science course with sufficient credit is allowed to restrict his attention during his third and fourth years to a more limited range of subjects than that prescribed for the Ordinary course, by entering an Honour course.

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

Before graduation he must have passed in the following classes: (a) Two in each of two foreign languages, of which, in Arts, Latin or Greek must be one. (b) Two in English. (c) One in Mathematics. (d) One in Physics or Chemistry.

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

Honour courses are provided in the following departments: (i) Classics, (ii) Latin and English, (iii) Greek and English, (iv) English and English History, (v) History, and Economics or Politics, (vi) Philosophy, (vii) Mathematics, (viii) Physics, (ix) Chemistry, (x) Geology and Geological Chemistry. Undergraduates in Arts may enter any of these courses

for which they are eligible. Undergraduates in Science may enter any of the last five courses for which they are eligible.

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

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

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

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

### Honour Courses.

#### I. Classics.

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

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

## Latin.

A. Candidates will be required to have a critical knowledge of the following works, in addition to those prescribed in the ordinary course:—

Plautus: *Captivi*, *Miles Gloriosus*. Terence: *Adelphi*, *Phormio*. Vergil: *Georgics*, I, IV. Horace: *Epistles*, I, II; *Ars Poetica*. Juvenal: *Satires*, I, VII, VIII, XIV. Cicero: *De Oratore*, I; *Philippics*, I, II; *Pro Cluentio*. Livy: XXI, XXII. Tacitus: *Annals*, I, II; *Agricola*. Pliny: *Letters*, Bks. I-III.

B. **Composition.**—Translation from English into Latin prose.

C. **Literature.**—A general knowledge of the history of Latin literature with a more minute knowledge of the lives and writings of the authors prescribed. (Mackail: *Latin Literature*. Cruttwell: *History of Roman Literature*).

D. **Translation at Sight.**—Passages from Latin books not prescribed will be set.

## Greek.

A. Aeschylus: *Eumenides*, *Prometheus Vincetus*. Sophocles: *Ajax*, *Oedipus Rex*. Aristophanes: *Frogs*, *Knights*. Homer: *Odyssey*, V-VIII. Thucydides, II, III. Plato: *Republic*, I-IV. Demosthenes: *De Corona*. Aristotle: *Poetics*.

B. **Composition.**—Translation from English into Greek prose.

C. **Literature.**—A general knowledge of the history of Greek literature, with a more minute knowledge of the lives and writings of the authors prescribed. (Jebb: *Primer of Greek Literature*, *Introduction to Homer*. Mahaffy: *History of Greek Literature*. Haigh: *Attic Theatre*).

D. **Translation at sight.**—Passages from Greek books not prescribed will be set.

## II. Latin and English.

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

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

**Latin.**

The Latin prescribed for the Honour course in classics.

**English.**

The historical development of the language and literature to the year 1800. Bright: *Anglo-Saxon Reader*. Sievers: *O. E. Grammar* (trans. by Cook), Pt. II. Morris: *Specimens of Early English*, I. Emerson: *History of the English Language*. Sight reading of Old English.

History of the Elizabethan and Early Stuart Literature.—Sidney: *Apologie for Poetrie*. Hooker: *Ecclesiastical Polity*, Book I. Bacon: *Advancement of Learning*, *Essays*.

Marlowe: *Tamburlaine*, *Edward II*, *The Jew of Malta*. Greene: *Friar Bacon and Friar Bungay*. Jonson: *The Alchemist*, *Every Man in His Humour*. Beaumont and Fletcher: *Philaster*, *The Knight of the Burning Pestle*. Massinger: *A New Way to Pay Old Debts*. Webster: *The Duchess of Malfi*. Shakespeare: *Titus Andronicus*, *Romeo and Juliet*, *Julius Caesar*, *Hamlet*, *Othello*, *Lear*, *Macbeth*, *Antony and Cleopatra*, *Coriolanus*, *Timon*, *The Two Noble Kinsmen*.

**Books recommended:** Sidney, Cook's edition (Ginn & Co.); Hooker, Church (Clarendon Press). Bacon: *Advancement*, Wright (Clar. Press). *Essays*, Wright, (G. T. Series). History of Literature; Ten Brink, Saintsbury, Brooks (Clarendon Press). "Mermaid," "Temple Dramatist," "Belles Lettres," and Arber editions of Elizabethan works.

**III. Greek and English.**

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

**IV. English and History.**

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

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

## English.

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

## History.

The History subjects prescribed for the Honour course in History, and Economics or Politics. (See below).

## V. History and Economics or Politics.

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

**Preliminary Classes.**—History 1, 2, Economics 1 or Government 1.

## History.

**A. British History under the Tudors and Stuarts.**—Innes: *England under the Tudors*. Trevelyan: *England under the Stuarts*. Gardiner: *Oliver Cromwell*. Lodge: *Political History of England*. Prothero: *Statutes and Constitutional Documents*. Gardiner: *Constitutional Documents of the Puritan Revolution*.

**B. European History in the Sixteenth and Seventeenth Centuries.**—Johnston: *Europe in the Sixteenth Century*. Wake-man: *Ascendancy of France*. Kitchin: *History of France*. Sismondi: *Italian Republics*. Fletcher: *Gustavus Adolphus*. Gardiner: *Thirty Years War*. Lodge: *Richelieu*. *Cambridge Modern History*.

**C. The Crusades.**—Archer and Kingsford: *The Crusades*. Stevenson: *The Crusaders in the East*. Lane-Pool: *Saladin*. Archer: *The Crusade of Richard I*. Von Sybel: *History and Literature of the Crusaders*.

**D. History of Canada since 1763.**—*Canada and its Provinces* (selected portions). Bourinot: *Canada under British Rule*. Murray: *Canadian Constitutional Development*. Short and Dougherty: *Canadian Constitutional Documents*.

## Economics.

A. **Problems of Production.**—Marshall: *Principles of Economics*. Jenks: *The Trust Problem*. MacGregor: *Industrial Combination*. Fay: *Cooperation at Home and Abroad*. Price: *Cooperation and Copartnership*. Shadwell: *Industrial Efficiency*. Jones: *Economic Crises*.

B. **Money and Banking.**—Marshall: *Money, Credit and Commerce*. Fisher: *The Purchasing Power of Money*. Hawtrey: *Currency and Credit*. Nicholson: *Money and Monetary Problems*. Walker: *Money*. Bagehot: *Lombard Street*. Conant: *Modern Banks of Issue*. Clare: *A. B. C. of the Foreign Exchanges*.

C. **Public Finance.**—Bastable: *Public Finance*. Seligman: *Essays in Taxation, The Income Tax*. Jones: *Nature and First Principles of Taxation*. Ashley: *Modern Tariff History*. Nicholson: *Principles of Political Economy*, Vol. III.

D. **Labour.**—Webb: *Industrial Democracy and Problems of Industry*. Hobhouse: *The Labour Movement*. Estey: *Syndicalism*. Cole: *The World of Labour*. Jevons: *The State in relation to Labour*.

## Politics.

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

- A. 1. Greek Political Thought.
- 2. Political Thought of the Middle Ages.
- 3. Modern Philosophy of the State.
- B. 1. Government of England.
- 2. American Government.
- 3. Municipal Government.
- C. 1. Advanced International Law.
- 2. Great Congresses and Treaties from Westphalia to Versailles.
- 3. History and Practice of Diplomacy.

## VI. Philosophy.

## Preliminary Class.—Philosophy 1.

Candidates taking the Honour course in Philosophy are required to take Philosophy 2, 3, 4, 5, 6, 7 and 8 and any special Honour classes in Philosophy offered, in their third and fourth years, and sufficient elective classes to complete the total of twenty classes required for a degree. The special Honour examinations will be set on the following subjects; but the standard of

attainment shown in Philosophy 2, 3, 4, 5, 6, 7 and 8 will be considered in the final award.

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

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

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

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

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

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

## VII. Mathematics.

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

Undergraduates taking the Honour course in Mathematics are recommended to take German and Physics 1, or 2 and 3 in their first and second years. They are required, if they wish to complete the work for a degree in four years, to take in their third and fourth years four advanced classes in Mathematics, and four classes in Physics or Mathematical Physics approved by the department of Mathematics for that purpose.

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

### Pure Mathematics.

Any four of the following:

(a) Infinitesimal Calculus; (b) Plane and Solid Analytic Geometry; (c) Differential Equations; (d) Algebra (Determinants, Theory of Equations, Quantics, Invariants, Series, Functions of a real variable); (e) Projective Geometry.

### VIII. Physics.

**Preliminary Classes.**—Mathematics 1, 2, 3 and Physics 2 and 3.

Undergraduates taking the Honour course in Physics are recommended to take German, Physics 2 and Mathematics 1 and 2 in their first year and Physics 3, Chemistry 2 and Mathematics 3 in their second year. They are required, if they wish to complete the work for a degree in four years, to take in their third and fourth years at least eight classes in Physics, Mathematics, Mathematical Physics and Chemistry.

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

### IX. Chemistry.

**Preliminary Classes.**—Chemistry 1, 2 and 4, Physics 1, Mathematics 1, 2, 3, Two classes in German are recommended.

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

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

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

**A. Inorganic and Physical Chemistry.**—Mellor: *Modern Inorganic Chemistry*. Ostwald: *Principles of Inorganic Chemistry*. Walker's: *Introduction to Physical Chemistry*. Washburn: *Physical*



*Chemistry.* Selected portions of LeBlanc's *Text-book of Electro-Chemistry* and of *Text-books of Physical Chemistry*, edited by Sir William Ramsay. The requirements in Physical Chemistry are in large part covered by the class-work of Chemistry 6.

**B. Organic Chemistry.**—Holleman: *Organic Chemistry*. Cohen: *Organic Chemistry* (selected chapters). Porter: *The Carbon Compounds*.

**C. History of Chemical Theory.**—The development of chemical theory as treated in Chemistry 5 with the prescribed supplementary reading. Candidates are required to have a thorough knowledge of the following memoirs: Graham: *Researches on the Arseniates, Phosphates and Modifications of Phosphoric Acid* (Alembic Club Reprints, No. 10). Liebig and Woehler: *Ueber das Radikal der Benzoesäure* (Ostwald's *Klassiker*, No. 22). Liebig: *Ueber die Constitution der organischen Säuren* (Ostwald's *Klassiker*, No. 26).

**D. Laboratory Methods.**—The principles and methods of analysis and of the preparation of inorganic and organic substances, as in Chemistry 7, 8 and 10, including Distinction work.

## X. Geology and Geological Chemistry.

**Preliminary Classes.**—Geology 1, Physics 1, Chemistry 1 and 2, and Biology 2 and 3, or 1A.

Prospective candidates are recommended to take German.

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

- (a) General Geology; (b) Mineralogy; (c) Petrography;
- (d) Economic Geology; (e) Geological Chemistry.

## Master of Arts and Master of Science.

A candidate for the degree of Master of Arts or Master of Science must hold the corresponding Bachelor's degree from a College or University recognized by the Senate for the purpose, and have held it for at least one year, and be of good character and standing. The course of study for the degree shall be confined to one subject or two closely related subjects, and must be submitted to, and receive in advance the approval of the Faculty of Arts and Science. The course shall consist of work in advance of that given in the ordinary undergraduate classes; but some of the more advanced undergraduate classes may be a part of it, provided these

have not been part of the work of the candidate for the Bachelor's degree. At least three undergraduate classes must already have been taken in the main subject offered and distinction must have been obtained in the last two classes so taken. The course shall comprise work amounting to not less than that of five classes, and designed to occupy the candidate's time for not less than forty hours per week for a session, class attendance and time spent on preparation being included. The work may be done wholly or in part by private reading by graduates of Dalhousie University, for whom attendance at the University is not necessary; all other candidates must be in residence. When work done extra-murally is offered for the degree two years must have elapsed, after approval of the candidate's application, before the examinations for the Master's degree can be taken. In announcing the award it shall be stated whether the course was taken in residence or extra-murally.

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

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

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

A candidate for a Master's degree must complete the entire work of his course before being admitted to

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

### **Uniform Course for all Branches of Engineering.**

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

The minimum work of the course is so arranged that it can be covered in two years, but students are advised (unless they already have grade XII standing in English, Algebra, Geometry and Trigonometry) that it is preferable that they should give three years to the course, taking extra classes in English, Geology and Chemistry, and thus lay a better foundation for an engineering career.

The minimum necessary and essential preliminary requirements in order to enter upon the course in Engineering are: Matriculation in (a) English, (b) Algebra (c) Geometry, and (d) Physics or Chemistry; but before a student will be admitted to the Nova Scotia Technical College, or third year of any other institution in which he is to take the final two years of his course, or be eligible for the diploma referred to above, he must have matriculation in (e) History and Geography, (f) French or German, and (g) Latin. French 1 or German 1 (or 50 per cent. in the corresponding grade XII examination) may be substituted for matriculation Latin.

**First Year.**—English 1, Mathematics 1 and 2, Physics 2, Chemistry 1A, Drawing 1 and 2, Shopwork.

The course in Shopwork, of about three weeks' duration, immediately preceding the regular session, is given by the N. S. Technical College in its own workshop.

**Second Year.**—Mathematics 3 and 4, Physics 3, Mechanics 2, 3, and 5, Surveying, Drawing 3.

The Surveying Camp conducted under the auspices of the N. S. Technical College on the grounds of the Agricultural College, Truro, must be attended by all students taking the class in Surveying.

For details of the work in the classes see the Calendar.

The schedules of courses for students who enter with grade XII standing in English and Mathematics, and for those with grade XI standing who are willing to give three years to the course may be had on application.

#### **Course for Bachelor of Commerce.**

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

**First Year.**—French 1 or German 1 or Spanish 1, English 1, Mathematics 1C, Economics 1, Economic Geography, Accounting 1.

**Second Year.**—French 2 or German 2 or Spanish 2, English 2, History 1, Accounting 2, Biology 1 or Chemistry 1 or Physics 1, Marketing and Distribution.

**Third and Fourth Years.**—Philosophy 1, French 10 or German 10 or Spanish 10, Business Organization, Economics 2, Commercial Law, Business Correspondence, Money and Banking, Labor and Trust Problems, Corporation Finance and Investment, three other classes in Commerce, thesis or supervised work at the discretion of the Department requiring six hours a week.

**Degree of Bachelor of Music.**

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

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

**Examinations.**

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

**First Year.**

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

**Second Year.**

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

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\*To meet this requirement candidates are advised to read carefully six hundred pages of French and four hundred pages of German, of a varied character, in addition to the amount of reading required for Matriculation.

**Third Year.**

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

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

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

**Practical Tests.**

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

**Compositions.**

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

- (a) A solo song with pianoforte accompaniment.
- (b) A four-part vocal composition.
- (c) An instrumental composition (other than a dance) for pianoforte, organ, or other stringed or wind instruments, with pianoforte accompaniment.

**Diploma of Licentiate of Music.**

The Diploma of Licentiate of Music in Pianoforte, or Organ, or Violin, or Voice, will be granted candidates

who complete two years of the course for the degree of Bachelor of Music by passing the examinations and practical tests of the first and second years.

**General Regulations for Courses in Music.**

Candidates for any examination must have passed Matriculation in English (see p. 11).

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

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

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

Candidates for any examination must make application to the Secretary of the Faculty of Arts and Science not later than March 25th, the application being accompanied by the proper fee (see p. 55) 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 of Bachelor of Pharmacy.**

Changes in the curriculum for this degree are under consideration and the details will be announced later.

**Other Pharmacy Courses.**

The Maritime College of Pharmacy, with the cooperation of some members of the staff of the University

offers two other courses in Pharmacy, a Short Course for Pharmacy Clerks, and a Qualifying Course required of those who desire to become Registered Pharmacists in Nova Scotia, and a special course for those who desire to become Registered Pharmacists in New Brunswick. These courses are carried on in the University buildings, and the students are subject to University regulations and discipline.

The Short Course for Pharmacy Clerks is intended to prepare the student for the Certified Clerks Examination of the Nova Scotia Pharmaceutical Society. It is expected that students will have a general education at least equal to that of Grade IX. Attendance on this course is prerequisite to the Qualifying Course.

The Qualifying Course begins on Saturday, Sept. 26th, 1925, and ends with the University session. The course which covers two years and includes Chemistry, Botany and Microscopy, Materia Medica, Pharmacy, Prescriptions and Dispensing and Economics, is designed to prepare the student to pass the final licensing examinations of the N. S. Pharmaceutical Society. It is necessary that students shall meet the University matriculation requirements prescribed for a degree in Medicine.

The Special course, suitable for New Brunswick students, covers one year and includes the subjects required for the Final Pharmacy Examinations of that Province. Students must have passed the "General Subjects" Examination of the N. B. Board of Pharmacy Examiners. This course begins August 27th, 1925.

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

## General Faculty Regulations.

### Admission to Classes.

1. Candidates for a degree must pass the Matriculation examinations (pp. 11-14). Only those classes which a student attends as an Undergraduate or Matri-



culant are recognized as qualifying for a degree in Arts or Science. In order to be a Matriculant in this Faculty the student must have passed Matriculation in English and at least four other subjects of Matriculation.

2. A Matriculant pursuing a course for a degree in Arts or Science and wishing to finish this course in four years should complete his Matriculation before entering the classes proper to the \*second year of his course. Thereafter until Matriculation is completed such student shall not be permitted to attend more than four classes in any one year.

3. A Matriculant deficient in more than one subject of Matriculation shall not be admitted to more than four classes of a course for a degree.

4. A Matriculant deficient in one of the required foreign languages, whose preparation in this language has not covered any considerable part of the work prescribed for Matriculation, shall not be admitted to more than three undergraduate classes; and if deficient to a similar extent in the two required foreign languages, he shall not be admitted to more than two undergraduate classes. The Committee on Admission may, however, at their discretion, waive this regulation in the case of a student whose standing in the other subjects of Matriculation is high.

5. Classes are to be taken in the order of their advancement; and the class or classes specified under Courses of Instruction (p. 57 *et seq.*) as preliminary or prerequisite to a given class must be taken before such class. No undergraduate or matriculant shall be admitted to a class until he has passed the preliminary class or classes or other preliminary qualifications required.

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

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\*For the purpose of this regulation five classes shall be regarded as constituting a year.

preceding year of his attendance shall be admitted to more than five classes.

7. Students shall not be permitted to continue during the second term in more than two of the classes in which they have failed at the preceding Christmas examinations, and if they have failed in more than two-thirds of their classes their work during the Session shall not be recognized as qualifying for a degree and they shall be advised and, in extreme cases, may be required to discontinue attendance at the University for the remainder of the Session.

### **Attendance.**

All students are required to attend the classes of their prescribed course regularly and punctually. Attendance is recorded in each class immediately before the work of the class is begun, and the record is not amended in case of students entering thereafter unless satisfactory reasons are assigned. A student's attendance on a given class is not under ordinary circumstances regarded as regular unless he has attended at least nine-tenths of the lectures or other meetings of the class.

A student whose attendance on any class is irregular will be excluded from the examinations in that class, and his attendance will not be recognized as qualifying for a degree.

### **Class Work.**

In order that their class work may be recognized as qualifying for a degree or diploma, candidates must not only comply with attendance regulations, but must also conform to the following requirements:

1. 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. Failure to meet these requirements in any class may involve loss of credit for attendance in such class.

2. They must secure positions on the Pass List. In determining this list both the standing attained in

prescribed class exercises and in field or laboratory work and that in the various examinations are taken into consideration. A candidate who fails to obtain a mark of at least 20 per cent. on the work of the session in any class shall lose credit for attendance in such class.

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

## **Examinations.**

### **Sessional and Class Examinations.**

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

### **Ordinary and Distinction Class Lists.**

The names of candidates successful in the ordinary examinations are arranged in the published lists in order of merit in each class. In some classes (See page 34) additional work consisting of private reading, essays, reports, field or laboratory work, is prescribed for students who aim at Class Distinction. In such classes extra examinations are held in this additional work at the end of the session, and the award of distinction is based upon the ordinary and the additional work of the class.

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

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

### Supplementary and Special Examinations.

A student who fails to secure a position on the Pass List in a class, but who has otherwise fulfilled the requirements in class work stated on page 46, may be allowed the Supplementary examination in such class at the beginning of the next session of his attendance, on the day appointed in the University Almanac. A student who fails to appear at or to pass the Supplementary examination can only get credit for that class by passing a \*Special examination therein.

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

Supplementary and Special Examinations are held in September only.

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

A student wishing to appear as a candidate at a Supplementary or Special examination, shall be required to give notice of his intention to the Secretary of the Committee on Studies and Attendance on or before September 1st, the fee (see p. 55) to be remitted with the notice.

### 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	\$3.00
Payable by students taking more than one class . . . . .	5.00
Additional, payable by all students registering after 12, noon, on last regular registration day, for each day..	2.00

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

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

**For Tuition.**

For each class not involving work in laboratory or draughting-room.....	\$ 18.00
*For each class involving work in laboratory or draughting room.....	23.00
For students taking one of the regular engineering courses the maximum annual tuition fee will be...	125.00
For each tutorial M. A. class.....	9.00
For changing course of study after October 10th, charge for adding or substituting a class.....	1.00

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

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

Up to and including October 10th, a student may retire from a class for which he has paid, and his class fee will be refunded; but if he retire after that date, his fee will not be refunded, except as stated below.

If a student is compelled to withdraw from college before December 1st through illness or for some other equally valid reason, one-half of his tuition fees will be refunded. If for like reasons he is compelled to withdraw between that date and February 1st, he will be allowed to take his classes a second time at half rates.

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

**For Examinations.**

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

Matriculation examination at an outside centre.....	\$ 5.00
Each Matriculation examination after second year of attendance.....	4.00
Each Supplementary examination in Arts or Science..	2.00
Each Special Examination in Arts or Science.....	4.00
Examination for the Degree of B. Mus., First Year....	10.00
"  Second Year..	15.00
"  Third Year...	20.00
"      Diploma of L. Mus., First Year.....	10.00
"  Second Year....	15.00
"      Degree of Phm. B.....	10.00
Each Supplementary examination in Music or Pharmacy	5.00
Examination for the degree of M. A. or M. Sc.....	10.00
Ditto, at an outside centre.....	20.00

\*See Laboratory Deposit, p. 16.

**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. or B.Sc., or B. Com. or L. Mus. or Engineering, diploma.....	5.00
†B. Mus. or Phm. B., diploma.....	10.00
†M. A. or M. Sc., diploma.....	20.00
<i>Ad eundem gradum</i> diploma.....	10.00
Additional fee for any degree conferred <i>in absentia</i> ....	5.00

See Pages 20 for

**Fee for Support of Student Organizations.  
Caution Deposit.  
Laboratory Deposit.**

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

## COURSES OF INSTRUCTION.

## I. Classics.

*Professors*. . . . . Howard Murray (*Head of dept.*), E. W. Nichols.  
*Associate Professor*. . . . . A. K. Griffin.  
*Lecturers*. . . . . J. W. Falconer, J. W. Logan.

## Latin.

**Elementary Latin.**—*Tuesday, Thursday and Saturday, 11—12 a. m., and another hour to be determined after the class is formed.*

This class is intended for beginners in the language, and for those whose work has been insufficient to qualify them for admission to Latin 1. Students whose work throughout the session has been satisfactory will be admitted to a Matriculation examination in Latin, held in April.

As it will not be possible to cover in class all of the reading required for Matriculation, students intending to qualify for the above examination must do a considerable part of the reading by private work, and must be prepared to devote much more time to the subject outside of class hours than is required in the ordinary undergraduate class.

The first book to be used will be Collar & Daniell's *First Year Latin*, (Ginn & Co., Boston). Other books will be announced at the beginning of the session.

1. *Tuesday, Thursday and Saturday, 10—11 a. m., or Monday, Wednesday and Friday, 12-1 p. m.*

Pre-requisite.—Matriculation Latin.

Cicero: *Orations against Catiline I and III.* Vergil: *Aeneid*, Book VI. Latin Grammar. Latin Prose Composition. Exercises in Sight Translation.

Books Recommended: Cicero: *Selected Orations and Letters*, (Kelsey's, Allyn & Bacon, Boston). Vergil: *Aeneid*, Book VI. (Freeman's, Oxford Univ. Press, Toronto). North & Hillard's *Latin Prose Composition*, (Rivington, London) Allen & Greenough's *New Latin Grammar*, (Ginn & Co., Boston).

2. *Monday, Wednesday and Friday, 10-11, or 11—12 a. m.*

Pre-requisite.—Latin 1.

Livy: Book I. Horace: *Selected Odes.* \*Vergil: *Aeneid*, Book VII. Latin Grammar. Latin Prose Composition. Exercises in Sight Translation.

Books Recommended: Livy: Book I. (Freeman's, Oxford University Press, Toronto). Horace: *Selected Odes*, (Wickham's, Oxford University Press). Vergil: *Aeneid* Book VII, (Calvert's, Macmillan Co., Toronto). Allen & Greenough's *New Latin Grammar*.

3. (1926-27). *Tuesday and Thursday, 11—12 a. m.*

Pre-requisite.—Latin 2.

Tacitus: *Histories*, Book 1. Horace: *Selected Satires.* \*Tacitus: *Histories*, Book II, Chapters 1-70. Latin Prose Composition. Exercises in Sight Translation.

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

Books Recommended: Tacitus: *Histories*, Books I and II, (Moore's, Macmillan, Toronto). Horace: *Satires and Epistles*, (Rolfe's, Allyn & Bacon, Boston).

4. (1925-26). *Tuesday and Thursday, 11—12 a. m.*

Pre-requisite.—Latin 2.

Tacitus: *Germania*. Selections from the works of writers of the Early Empire. \*Cicero: *De Officiis*, Book III.

Books Recommended: Tacitus: *Germania*, (Stuarc's, Macmillan Co., Toronto) Part A of *Selection from the Latin Literature of the Early Empire*, (edited by A. Brown, Oxford University Press, Toronto). Cicero: *De Officiis*, (Holden's, Cambridge Univ. Press).

5. (1926-27). Terence: *Phormio*. Vergil: *Georgics*, I, IV. Horace: *Epistles*, I, II, *Ars Poetica*. Juvenal: *Satires*, I, VII, VIII, XIV. Cicero: *Philippic* I, *Pro Cluentio*. Livy: XXI, XXII.

6. (1925-26). Plautus: *Captivi*, *Miles Gloriosus*. Terence: *Adelphi*. Cicero: *Philippic* II, *De Oratore* I. Tacitus: *Annals*, I, II, *Agricola*. Pliny: *Letters*, Books I-III.

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

### Greek.

**Elementary Greek.**—*Monday and Friday, 10—11 a. m., and Tuesday and Thursday, 2.30—3.30 p. m.*

This class is intended for beginners in the language, and also for those who have come to college without sufficient preparation to qualify them for entering Greek 1. The first book used will be White's *First Greek Book*, (Ginn & Co., Boston). Other books will be announced at the beginning of the session.

Students whose work throughout the session has been found satisfactory will be admitted to a Matriculation examination in Greek, held in April. Those intending to qualify for this examination should read the statement made under Elementary Latin which is applicable here also, regarding the additional work required outside of class hours.

1. *Monday, Wednesday and Friday 10—11 a. m.*

Pre-requisite.—Matriculation Greek.

Xenophon: *Hellenica*, Book II. Plato: *Euthyphro*. Greek Grammar. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Xenophon: *Hellenica*, Books I, II, (Underhill's, Oxford University Press, Toronto). Plato: *Euthyphro*, (Adam's, Cambridge University Press). North & Hillard's *Greek Prose Composition*, (Rivington, London). Goodwin's *Greek Grammar*, (Ginn & Co., Boston).

2. *Monday and Wednesday, 9—10 a. m.*

Pre-requisite.—Greek 1.

Lucian: *Selected Dialogues*. Homer: *Odyssey*, Book IX and selections from Book XI. \*Lucian: *Timon* (as in Inge & Macnaghten's edition). \*Homer: *Odyssey*, Book XII. Greek Grammar. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Lucian: *Selections*, (Inge & Macnaghten's, Longmans). Homer: *Odyssey*, Books VII—XII, (Merry's, Oxford University Press, Toronto). North & Hillard's *Greek Prose Composition*, (Rivington, London).

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



3. (1926-27). *Monday and Wednesday, 12—1 p. m.*

Pre-requisite.—Greek 2.

Demosthenes: *Philippics* I, II, III. Euripides: *Medea*.\*Demosthenes: *Olynthiacs* I, II. \*Homer: *Odyssey*, Book I.Books recommended: Demosthenes: *Philippics*, (Abbott and Matheson's, Oxford University Press, Toronto). *Olynthiacs*, (Glover's, Cambridge University Press). Euripides: *Medea*, (Heberden's, Oxford University Press, Toronto). Homer: *Odyssey*, Book I, (Marchant's, George Bell & Sons, London).4. (1925-26). *Monday and Wednesday, 12—1 p. m.*

Pre-requisite.—Greek 2.

Plato: *Apology*. Aristophanes: *Clouds*. \*Plato: *Crito*.\*Homer: *Iliad*, Book VI. Greek Prose Composition. Exercises in Sight Translation.Books Recommended: Plato: *Apology* and *Crito*, (Wagner's, Geo. Bell & Sons, London). Aristophanes: *The Clouds*, (Merry's, Oxford University Press, Toronto). Homer: *Iliad*, Book VI, (Leaf and Bayfield's, Macmillan Co., Toronto).5. (1926-27). Aeschylus: *Eumenides*, *Prometheus Vincitus*. Sophocles: *Ajax*. Aristophanes: *Frogs*. Thucydides: II. Plato: *Republic*, I-IV6. (1925-26). Homer: *Odyssey*, V-VIII. Sophocles: *Oedipus Rex*. Aristophanes: *Knights*. Thucydides: III. Demosthenes: *De Corona*. Aristotle: *Poetics*.

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

## Archaeology.

*Monday and Wednesday, 3.30—4.30 p. m.*

This course, conducted by Professor J. W. Falconer, consisting of about fifty lectures accompanied with illustrations will give an outline of the history of ancient sculpture, painting, architecture and the minor arts. The introductory lectures will be devoted to Egyptian and Assyrian Archaeology, while the major part of the course will deal with Greek and Roman antiquities.

Text Books: Fowler and Wheeler: *Greek Archaeology*. Wickoff: *Roman Art*.Books Recommended: Fowler and Wheeler: *Oriental Antiquities*. Maspero: *Egyptian Archaeology*. Gardner and Jevons: *Manual of Greek Antiquities*. Anderson and Spiers: *Architecture of Greece and Rome*. W. M. Ramsay: *Studies in the History and Art of the Eastern Roman Provinces*. Baldwin Brown: *The Fine Arts*.

## Introduction to Philology.

*Two hours per week. Hours to be assigned.*

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

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

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

## II. New Testament Greek.

Pre-requisite.—Greek 1.

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

## III. Hebrew.

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

## IV. Modern Languages.

Professor.....René Gautheron.  
Associate Professors.....C. H. Mercer; R. W. Scott.

### French\*.

1. Tuesday, Thursday and Saturday, Section I, 9-10 a. m., Section II, 10-11 a. m.

Pre-requisite.—Matriculation French.

Manley: *Eight French Stories*, (Allyn and Bacon). François Coppée: *Le Luthier de Crémone; et le Tresor* (Allyn and Bacon). Voltaire: *Jeannot et Colin et Extraits des Contes*. Mansion; *Extracts for French Composition*, (Heath and Co.).

2. Tuesday, Thursday and Saturday, Section I, 9-10 a. m., Section II, 10-11 a. m., Section III, Monday, Wednesday and Friday 9-10 a. m.

Fraser and Squair: *Complete French Grammar*. Moraud: *French Composition* (Oxford Clarendon Press). Ch. M. des Granges, Hatier: History of the French literature with special reference to the 17th century: *Histoire de la littérature française*. Molière: *L'Avare* (Lanson's edition, Hachette, Paris.) La Fontaine: *Fables*. (Clément's edition, Armand Colin, Paris.)

Additional for Distinction: Racine: *Andromaque*,—Boileau: *l'Art poétique* (selected).—Les Caractères: *La Bruyère*.

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

3. (1926-1927). *Tuesday and Thursday, 3.30-4.30 p. m.*

History of the French literature with special reference to the 19th century.—Advanced French prose composition (Ritchie and Moore).—Chateaubriand. *Morceaux choisis* (Canat's edition, Didier, Paris).—Alfred de Musset: *Il ne faut jurer de rien*. Mérimél: *Colomba*.—Selected poems of the 19th century.

Additional for Distinction: Victor Hugo: *Hernani*: Alfred de Vigny: *Servitude et grandeur militaires*.

4. (1925-26). *Tuesday and Thursday, 3.30-4.30 p. m.*

History of the French literature with special reference to the 18th century. Ch. M. des Granges: *Histoire de la littérature française*. Ritchie and Moore: *A manual of French composition*. (Cambridge, University Press). Le Sage: *Gil Blas* (Classiques pour tous, Hatier, Paris). Ch. M. des Granges: *Morceaux choisis des auteurs français*: deuxième cycle. Hatier, Paris. Victor Hugo: *Morceaux choisis*. Poésie. (Delagrave, Paris).

Additional for Distinction: Montesquieu: *Lettres persanes* (Selected). Rivarol: *Discours sur l'universalité de la langue française*.—André Chénier, *Poésies choisies*, Alfred de Vigny: *Stello*.

5. (1925-26). *Tuesday and Thursday, 4.30-5.30 p. m.*

A closer historical and critical study of the French literature of the 19th century, Selected authors. French essays.

10. **Commercial French.** *Tuesday and Thursday, 11-12 a. m.*

For students looking forward to the degree of Bachelor of Commerce. It cannot be offered as an elective for Arts or Science degrees.

### German.

- Elementary German.**—*Tuesday, Thursday and Saturday, 9-10 a. m.*

Joynes-Meissner's *Grammar* to end of Lesson XLIV; Buchheim: *Modern German Reader, Part I*; grammar questions limited to accident and easy rules of syntax; easy sight translation from German into English and from English into German.

This class will not count towards a degree; but students whose work throughout the session has been satisfactory will be admitted to a Matriculation examination in German, held in April.

1. *Tuesday, Thursday and Saturday, 10-11 a. m.*

Pre-requisite.—Matriculation German.

Hatfield: *German Lyrics*. Baumbach: *Der Schwiegersohn*, (Holt & Co.). Freytag: *Die Journalisten. Writing and Speaking German*, (Pope). Allen: *German Life*. Exercises in Sight Translation. History of German Literature.

## 2. Monday and Wednesday, 2.30-3.30 p. m.

Pre-requisite.—German 1.

Nichols: *Modern German Prose*, (Holt & Co.). Freytag: *Soll und Haben*, (Heath & Co.). Goethe: *Faust (Part I)*, (Heath & Co.). German Prose Composition. Conversation. Dictation. History of German Literature (selected period).

Additional for Distinction: Kleist: *Michael Kohlhaas*, (Macmillan). Scheffel: *Der Trompeter von Säckingen*.

## 3. Wednesday, 4.30-5.30 p. m.

Pre-requisite.—German 2.

This class has as its object the critical study of important literary movements. It will be conducted, partly, at least, as a seminar, and members of the class will be required to write reports on books read in private and essays in German at stated intervals.

This class will only be given if a sufficient number of qualified students apply for it.

## 10. Commercial German. Two hours per week.

For students looking forward to the degree of Bachelor of Commerce. It cannot be offered as an elective for the Arts or Science degrees.

## Spanish.

## 1. Monday, Tuesday, Wednesday, Thursday and Friday, 3.30-4.30 p. m.

Hills and Ford: *First Spanish Course*, (Heath). Wilkins: *Elementary Spanish Reader*, (Holt). Taboada: *Cuentos Alegres*, (Heath). Hills and Reinhardt: *Spanish Short Stories*, (Heath).

This class, covering Matriculation Spanish and a year of College work, will count towards a degree.

## 2. Tuesday, Thursday and Saturday, 11-12 a. m.

Wilkins: *Second Spanish Book*, (Holt). Luria: *Correspondencia Comercial*, (Silver, Burdett). Morley: *Spanish Humor*, (Ginn).

## 10. Tuesday and Thursday, 2.30-3.30 p. m.

Luria: *Correspondencia Comercial*, (Silver, Burdett). Camba: *Un año en el otro mundo*, (Madrid). Baroja: *Páginas escogidas*, (Madrid). For Composition occasional exercises will be taken from Wilkins: *Second Spanish Book*.

For students looking forward to the degree of Bachelor of Commerce.

## V. Biblical Literature.

Lecturer.....H. A. Kent.

There are two university classes in the literature of the Old and New Testaments. Either one of these classes may be offered as an elective for a degree in Arts, except by a student who is offering a class in Biblical Literature as a part of an affiliat-

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

1. (1926-27). *Tuesday and Thursday, 4.30-5.30 p. m.*

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

*Text Books:* Martin: *The Meaning of the Old Testament.* Peake: *The Bible, its Origin, Significance and Abiding Worth.* Relevant articles in *Hastings' Dictionary of the Bible.*

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

*Books Recommended:* Burton: *Introduction to the Gospels.* Moffatt: *New Testament.* Goodspeed: *The Story of the New Testament.* Relevant articles in *Hastings' Dictionary of the Bible.*

2. (1925-26). *Tuesday and Thursday, 4.30-5.30 p. m.*

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

*Text Books:* MacFadyen: *Introduction.* Cadbury: *National Ideals in the Old Testament.* Jackson: *Studies in the Old Testament.*

**New Testament.** The Apostolic Age, as portrayed in the books of the New Testament not studied in Course 1.

*Books Recommended:* Ropes: *The Apostolic Age.* Goodspeed: *The Story of the New Testament.*

**VI. English Language and Literature.**

*Professors*..... Archibald MacMechan, (*Head of dept.*);

W. D. MacFarlane.

*Associate Professor*..... C. L. Bennet.

*Lecturer*..... E. Margaret Lowe.

1. *Monday, Wednesday and Friday, 11-12 a. m.*

Pre-requisite.—Matriculation English.

**Composition.**—Twenty narrative and descriptive themes, based on personal experience and work read in class. The class will be divided into sections each of which will meet the instructor an extra hour weekly for discussion of themes.

**Literature.**—Eighteenth Century. Prose:—Addison: *Papers Contributed to "The Spectator."* Swift: *Voyage to Lilliput, Voyage to Brobdingnag.* Johnson: *Life of Pope.* Macaulay: *Samuel Johnson.* Poetry:—Dryden: *MacFlecknoe, St. Cecilia's Day, Alexander's Feast.* Pope: *Rape of the Lock.* Gray: *Elegy in a*

*Country Churchyard*. Goldsmith: *Traveller, Deserted Village*. Burns: *Two Dogs, Cotter's Saturday Night*.

For reference: Gosse: *History of Eighteenth Century Literature*.

**Parallel Reading.**—As a preparation for the course, the student is recommended to read the following works:—Thackeray: *English Humorists, Congreve and Addison, The History of Henry Esmond* (bk. ii, cap. xi, at least). Macaulay: *The Third Chapter*. Herbert Paul: *Queen Anne*. (Wayfarers Library).

2. *Monday, Wednesday and Friday, 12-1 p. m.*

Pre-requisite.—English 1.

**Composition.**Lectures on the Principles of Narration, Description and Exposition. Twenty expository themes, based chiefly upon the work in class. The class will be divided into sections, each of which will meet the instructor an extra hour weekly for discussion of themes.

**Literature.**—Elizabethan. Shakespeare: *King John, Twelfth Night, Macbeth*. Milton: *L'Allegro, Il Penseroso, Lycidas, Comus, Sonnets, Paradise Lost*, Bks. i, ii. Lectures.

**For reference.**—Sidney Lee: *A Life of William Shakespeare*. Dowden: *Shakespeare Primer*. Saintsbury: *History of the Elizabethan Literature*. Sichel: *The Renaissance*.

Candidates for class distinction will be examined in the following plays which are not read in class:—*Henry V, The Tempest, Hamlet*.

**Parallel Reading.**—As a preparation for this course, the student is recommended to read the following works:—Kingsley: *Westward Ho!* Scott: *Kenilworth*. Hentzner: *Travels in England*. Harrison: *Description of England*, (Scott Library). Bailey: *Milton*.

3. **Middle English and Pre-Shakespearean Literature.**—

(1925-26). *Tuesday and Thursday, 3.30-4.30 p. m.*

Pre-requisite.—English 2.

Chaucer: *Prologue, Knight's Tale, Nun's Priest's Tale* (ed. Skeat). Sweet: *Middle English Primer, II*. Spenser: *Faerie Queene*, bks. i, ii. Marlowe: *Dr. Faustus*. Lectures.

History of Literature. Pollard: *Chaucer Primer*. For reference:—Lounsbury: *Chaucer Studies*. Morley: *English Writers, V*. Legouis: *Chaucer*.

For Distinction:—Chaucer: *The Prioress's Tale, Sir Topas, The Monk's Tale*. (The whole volume of Skeat.)

4. **Nineteenth Century Literature.**—(1926-27). *Tuesday and Thursday, 4.30-5.30 p. m.*

Pre-requisite.—English 2.

Lectures: The historical and social background, the influence of the French Revolution, the predecessors of Wordsworth.—Cowper, Crabbe, Blake, Burns, Chatterton. Scott: *Old Mortality*, *Marmion*. Byron: *Poems*, edited by Matthew Arnold. Wordsworth: *Poems*, edited by Dowden. Selected poems of Coleridge, Shelley and Keats.

History of Literature. Saintsbury: *History of Nineteenth Century Literature*. Herford: *Age of Wordsworth*.

For Distinction: A thesis on a subject assigned by the instructor.

5. **Nineteenth Century Literature.**—(1925-26). *Monday and Wednesday*, 12-1 p. m.

Pre-requisite.—English 2.

Selected poems of Tennyson, (Poems of Tennyson, ed. MacMechan, *Belles Lettres* series). Browning: *Men and Women* (Dent). Arnold. Dickens: *David Copperfield*, (Everyman's Library). Thackeray: *Vanity Fair*, (Everyman's Library). Carlyle: *Sartor Resartus*, ed. MacMechan, (Athenaeum Press Series).

History of Literature. Saintsbury: *History of Nineteenth Century Literature*. Chesterton: *Victorian Literature*. Elton: *Survey of English Literature, 1830-1880*.

For Distinction, as in English 4.

6. **Old English.**—(1925-26). *Tuesday and Thursday*, 10-11 a. m.

Pre-requisite.—German 1.

Bright: *Anglo-Saxon Reader*. Sievers: *O. E. Grammar*, trans. Cook. Sight translation from easy texts.

This course is intended primarily for Honour Students in English, and will be given only if a sufficient number of qualified students apply for it.

7. **Elizabethan Drama.**—(1925-26). *Tuesday and Thursday*, 11-12 a. m.

Pre-requisite.—English 2.

Marlowe: *Tamburlaine*, *Edward II*, *The Jew of Malta*. Greene: *Friar Bacon and Friar Bungay*. Jonson: *The Alchemist*, *Every Man in His Humour*. Beaumont and Fletcher; *Philaster*, *The Knight of the Burning Pestle*. Massinger: *A New Way to Pay Old Debts*. Webster: *The Duchess of Malfi*. Shakespeare: *The Tragedies*, *Two Noble Kinsmen*.

This course, conducted as a Seminar, is intended primarily for Honour Students in English. It will only be given if a sufficient number of qualified students apply for it.

8. **Literary Movements in Canada.**—(1926-27). *Tuesday and Thursday*, 9-10 a. m.

Pre-requisite.—English 2.

MacMechan: *Head-Waters of Canadian Literature*. Broadus: *A Book of Canadian Prose and Verse*. Fournier: *Anthologic des Poètes Canadiens*.

Distinction: Thesis on the work of a Canadian author.

Note: A reading knowledge of French will be an advantage to students taking this course.

9. **Modern Drama and Poetry.**—(1925-26). *Monday and Wednesday, 11-12 a. m.*  
Pre-requisite.—English 2.

This class is intended primarily for Honours students, but a limited number of other qualified students may be admitted.

10. **Advanced English Composition.**—(1925-26). *Tuesday and Thursday, 9 a. m.*  
Pre-requisite.—English 2.

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

Text Book: Manly and Rickert: *The Writing of English*.

## VII. History.

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

### History.

1. **History of Europe Since the Fall of the Roman Empire.**—*Monday, Wednesday and Friday, 9-10 a. m. or 10-11 a. m.*

Pre-requisite.—Matriculation History.

Given annually. Required of all students taking the ordinary Arts course.

Text Books: Robinson: *History of Western Europe*. Assigned readings. Suggested Reading: Munro and Sellery: *Medieval Civilization*. Emerton: *Introduction to the Middle Ages, Medieval Europe*. Bryce: *Holy Roman Empire*. Day: *History of Commerce*. Abbott: *The Expansion of Europe*. Hazen: *Modern European History*.

2. **Ancient History.**—(1925-26, and in alternate years).—*Monday, Wednesday and Friday, 10—11 a. m.*

Pre-requisite.—History 1.

Text Books: Plutarch: *Selected Lives*. Dickinson: *The Greek View of Life*. Pelham: *Outlines of Roman History*. Suggested Reading: Bury: *History of Greece*. Zimmern: *Greek Commonwealth*. Herodotus: *Thucydides*. Mommsen: *History of Rome*. Heitland: *History of the Roman Republic*. Abbott: *Roman Political Institutions*. Greenidge: *Roman Public Life*. Dill: *Roman Society from Nero to Marcus Aurelius*. Mackail: *Latin Literature*.

3. **Modern England.** — (1926-27, and in alternate years).—*Monday, Wednesday and Friday, 10-11 a. m.*

Pre-requisite.—History 1.



Text Books: Cross: *History of England*. Assigned readings. Suggested Readings: Fisher: *England under the Tudors*. Trevelyan: *England under the Stuarts*. Firth: *Oliver Cromwell*. Macaulay: *History of England*. Lecky: *History of England in the Eighteenth Century*. Walpole: *England since 1815*. Seeley: *The Expansion of England*.

**4. History of Europe since 1815.**—(1926-27, and in alternate years).—*Tuesday and Thursday, 11-12 a. m.*

Pre-requisite.—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.

Suggested Reading: Hazen: *Modern European History*. Hayes: *Political and Social History of Modern Europe*. Thayer: *The Life and Times of Cavour*. Trevelyan: *Garibaldi and the Thousand*. *Garibaldi and the Making of Italy*. Fisher: *Bonapartism*. Headlam: *Bismarck*. Dawson: *The Evolution of Modern Germany*. Seymour: *Diplomatic Background of the War*.

**5. History of Europe, 1715-1815.** (1925-26, and in alternate years).—*Tuesday and Thursday, 11-12 a. m.*

Pre-requisite.—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.

Suggested Reading: Macaulay: *Essay on Frederick the Great*. Mahan: *The Influence of Sea Power upon History*. Lowell: *The Eve of the French Revolution*. Morley: *Voltaire*. Tocqueville: *The Old Regime*. Taine: *The French Revolution*. Carlyle: *The French Revolution*. Aulard: *The French Revolution*. Rose: *Life of Napoleon*. Rosebery: *The Last Phase*.

**6. England under the Tudors.** (1925-26, and in alternate years). *Monday and Wednesday, 2.30-3.30 p. m.*

Pre-requisite.—Two classes in History.

**7. The Fourteenth Century.**—(1926-27, and in alternate years).—*Monday and Wednesday, 2.30-3.30 p. m.*

Pre-requisite.—Two classes in History.

Suggested Reading: Poole and Hunt: *Political History of England, Vols. III and IV*. Lodge: *Close of the Middle Ages*. Jusserand: *English Wayfaring Life in the Middle Ages*. Cunningham: *Growth of English Industry and Commerce, Vol. I*. Traill: *Social England, Vol. II*. Froissart's *Chronicle*.

**8. History of Canada to 1837.**—(1925-26, and in alternate years).—*Tuesday and Thursday, 10-11 a. m.*

Pre-requisite.—History 1.

Suggested Reading: Parkman: *Works*. Munro: *The Seigniorial System in Canada*. Garneau: *Histoire du Canada*. Durham: *Report. Canada and its Provinces*.

9. **History of Canada Since 1837.**—(1926-27, and in alternate years).—Tuesday and Thursday, 10-11 a. m.

Pre-requisite.—History 1.

Suggested Reading: Dent: *Canada since the the Union of 1841*. Turcotte: *Le Canada Sous L'Union*. Bryce: *Remarkable History of the Hudson Bay Co*. Skelton: *Life and Times of A. T. Galt, Life and Letters of Sir Wilfrid Laurier*. Pope: *Sir John Macdonald*. Preston: *Life and Times of Lord Strathcona*. Cartwright: *Reminiscences*. Siegfried: *The Race Question in Canada*. Moore: *The Clash. Canada and its Provinces*.

### VIII. Church History.

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

### IX. Economics and Sociology.

#### Economics.

Assistant Professor . . . . . W. Russell Maxwell.

1. **Principles of Economics.**—Monday, Wednesday and Friday, 11-12 a. m. or 12-1 p. m.

Text Books: Ely: *Outlines of Economics*. MacGibbon: *An Introduction to Economics for Canadian Readers*.

Books Recommended: Marshall: *Principles of Economics*. Taussig: *Principles of Economics*. Carver: *The Distribution of Wealth*. Clay: *Economics for the General Reader*.

2. **Modern Economic History.**—(1926-27). Tuesday and Thursday, 3.30-4.30 p. m.

Pre-requisite.—Economics 1.

Text Books: Ogg: *Economic Development of Modern Europe*. Bogart: *Economic History of the United States*.

Books Recommended: Cunningham: *Growth of English Industry and Commerce, Canada and its Provinces*, Selected Portions. Toynbee: *Industrial Revolution*.

3. **Money and Banking.**—(1926-27) Monday and Wednesday, 3.30-4.30 p. m.

Pre-requisite.—Economics 1.

Text Books: Foster and Catchings: *Money*. Dunbar: *The Theory and History of Banking*.

Books Recommended: Fisher: *The Purchasing Power of Money*. Bagehot: *Lombard Street*. Johnson: *Canadian Banking System*. Phillips: *Readings in Money and Banking*. Cassel: *Money and Foreign Exchange after 1914*. Furniss: *Foreign Exchange*.

4. **Labour Problems and Trusts.**—(1925-26). Tuesday and Thursday, 3.30-4.30 p. m.

Pre-requisite.—Economic 1.

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

Books Recommended: Cole: *The World of Labour*. Webb: *History of Trade Unionism*. Cole: *Self Government in Industry*. MacGregor: *Industrial Combination*.

**5. Public Finance.**—(1925-26). *Tuesday and Thursday, 11-12 a. m.*

Pre-requisite.—Economics I.

Books Recommended: Bastable: *Public Finance*. Seligman: *Essays in Taxation*. Plehn: *Introduction to Public Finance*. Stamp: *The Principles of Taxation*. Bullock: *Selected Readings in Public Finance*.

**6. Economic Statistics.**—(1925-26). *Tuesday and Thursday, 9-10 a. m.*

Pre-requisite.—Economics I, Matriculation Mathematics.

Books Recommended: W. I. King: *Elements of Statistical Method*. Yule: *Introduction to the Theory of Statistics*. Bowley: *Elements of Statistics*. Secrist: *Introduction to Statistical Methods*. Fisher: *Index Numbers*. Mitchell: *Index Numbers of Wholesale Prices in the United States and Foreign Countries*.

**7. History of Economics.**

This course will only be given to advanced students who apply for it in sufficient numbers. It aims to trace the development of economic doctrine from the earliest times up to the present.

Books Recommended: Gide and Rist: *History of Economic doctrines*. Ingram: *History of Political Economy*.

**8. International Trade and Tariff Problems.**—(1926-27).

Pre-requisite.—Economics I.

Text Book: F. W. Taussig: *Selected Readings in International Trade and Tariff Problems*.

Books Recommended: Furniss: *Foreign Exchange*. Bastable: *The Theory of International Trade*. F. W. Taussig: *Some Aspects of the Tariff Question*; *Tariff History of the United States*. Pointe: *Sixty Years of Protection in Canada*.

**Sociology.**

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

**10. Social Organization.**—(1925-26). *Wednesday and Friday, 12-1 p. m.*

Pre-requisite.—Economics I.

An introductory course in the study of human society and social organization.

Special reading list with assignments from works of Giddings, Sumner, Ellwood, Ross, Bogardus, Ogburn and others.

**11. Applied Sociology.**—(1925-26). *Tuesday and Thursday, 9-10 a. m.*

Pre-requisite.—Economics I.

Betterment movements and population problems. Relief, housing, recreation, safety and health. Distribution and growth of population; immigrant types; relation of races; rural organization; urbanization; unifying agencies. Special attention given to Canadian conditions.

Text Books: Beach: *Introduction to Sociology and Social Problems*. Towne: *Social Problems*.

Also topical bibliography supplied in class.

12. **History of Social Thought.**—(1925-26). *Tuesday and Thursday, 2.30-3.30 p. m.*

Pre-requisite.—Economics I.

A course which aims to acquaint the student with the chief literature of Sociology and to present a general survey of the history of social thinking.

Text Book: Lichtenberger: *Development of Social Theory*. Additional Readings prescribed from Bristol, Bogardus, Barnes, and other writers on historical sociology.

## X. Government and Political Science.

Professor.....Henry F. Munro

1. **Government of the British Commonwealth.**—*Monday, Wednesday and Friday, 3.30-4.30 p. m.*

Introductory lectures on general political concepts. Federal, provincial and municipal institutions of Canada. Merits and defects of existing systems. Problems and tendencies of the Canadian democracy. Brief survey of other British governments. Mandated territories. Imperial Conferences. Inter-imperial relations. International status of the British Commonwealth. General deductions regarding British democracies.

Reading: Selections prescribed from time to time from the works of Anson, Bryce, Dicey, Keith, Lowell and other commentators on British government. Considerable class use will be made of Jenks' *A History of Politics* and Kennedy's *Documents of the Canadian Constitution*.

A previous course in History or Economics is recommended before taking up the study of Government.

2. **General Political Science.**—(1926-27). *Monday, Wednesday and Friday.*

Scope, methods and fundamental concepts of political science. Origin and nature of the state. Purposes, functions and instruments of government. Unitary and federal states. Rigid and flexible constitutions. Distribution and separation of powers. The bicameral system. Government and popular control. Political parties. Recent experiments in government.

Text Book: Sidgwick: *The Elements of Politics*. Collateral reading from the works of Seeley, Bryce, Bluntschli, Wilson, Willoughby and other writers on political science.

3. **Political Theory.**—(1925-26). *Tuesday and Thursday, 3-30-4-30 p. m.*

Pre-requisite.—Government 1.

Theories of the state and of government from Plato and Aristotle to Bolshevism.

Text Book: Dunning: *Political Theories*. Collateral reading from the works of representative political thinkers.

**4. Sociology.**—(1926-27). *Tuesday and Thursday, 3-30-4.30 p. m.*  
 Social Theory. Methods and problems of sociology. Elements and structure of society. Historical evolution of society. Laws of social phenomena.

Text Book: Giddings: *The Principles of Sociology*. Collateral reading from selected publications on sociology.

**5. Constitutional History.**—*Monday, Wednesday and Friday, 2.30-3.30 p. m.*

Anglo-Saxon institutions. Feudalism in England. The *Magnum Concilium* and the *Concilium Ordinarium*. Origin and growth of the Houses of Parliament. Origin and development of Trial by Jury. Origin and development of the Courts of Law. The Royal Prerogative. The Liberty of the Person. Origin and development of the Cabinet System. History of the Reform Bills. The written code of the Constitution. *Magna Charta*. Petition of Right. Bill of Rights. *Habeas Corpus*. Act of Settlement. Recent constitutional changes.

Text Book: Taswell-Langmead: *Constitutional History of England*, with collateral reading from the works of Maitland, McKechnie, McIlwain, Adams and others.

**6. International Law.**—*Tuesday and Thursday, 2.30-3.30 p. m.*

Pre-requisite.—Government 1, or Constitutional History or History of English Law.

The relations of states with each other in peace, war and neutrality, through the study of actual cases. No previous knowledge of law required.

Case Book: Stowell and Munro's *International Cases*, Vols. I & II with some approved text book as parallel reading.

## XI. Law.

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

## XII. Philosophy.

Professors. . . . . H. L. Stewart, (*Head of Dept.*), N. J. Symons.

**1. Logic and Psychology.**—*Monday, Wednesday and Friday, 2.30-3.30 p. m.*

Text Books: Logic: Creighton: *Introductory Logic*. Psychology: Pillsbury: *Essentials of Psychology*.

**2. History of Greek Philosophy.**—(1925-26). *Monday and Wednesday, 3.30-4.30 p. m.*

Pre-requisite.—Philosophy 1.

Text Books: Plato: *Republic, Phaedo, Apology, Theaetetus*. Rogers: *Student's History of Philosophy*. Taylor: *Aristotle on his Predecessors*.

**3. Ethics.**—(1925-26). *Tuesday and Thursday, 9-10 a. m.*

Pre-requisite.—Philosophy 1.

Text Books: Plato: *Republic, I-IV*. Butler: *Sermons*. Mackenzie: *Manual of Ethics*. Mill: *Utilitarianism*. Sidgwick: *History of Ethics*. Reference will also be made to Rashdall: *The Theory of Good and Evil*, and to Moore: *Principia Ethica*.**4. History of Moral Ideas.**—(1926-27). *Monday and Wednesday, 3.30-4.30 p. m.*

Pre-requisite.—Philosophy 1.

Text Book: Lecky: *History of European Morals*. Reference will frequently be made to Westermarck: *Origin and Development of the Moral Ideas*.**5. Metaphysics.**—(1926-27). *Tuesday and Thursday, 10-11 a.m.*

Pre-requisite.—Philosophy 1.

Text Book: Taylor: *Elements of Metaphysics*.**6. History of Philosophy from Bacon.**—(1926-27). *Tuesday and Thursday, 9-10 a. m.*

Pre-requisite.—Philosophy 1.

Text Books: Bacon: *Novum Organum*. Locke: *Essay on the Human Understanding*. Berkeley: *Dialogues*. Hoffding: *History of Philosophy*.**7. British Philosophy in the Nineteenth Century.**—(1925-26). *Tuesday and Thursday, 10-11 a. m.*

Pre-requisite.—Philosophy 1.

Text Book: Meix: *Philosophy of the Nineteenth Century*.**8. Philosophic Ideas in Literature.**—(1925-26). *Monday and Wednesday, 10-11 a. m.*

Pre-requisite.—Philosophy 1.

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

**Psychology and Education.**

Professor ..... N. J. Symons.

**9. Experimental Psychology.**—(1926-27). *Monday and Wednesday, 9-10 a. m.*

Pre-requisite.—Philosophy 1.

Text Book: Langfeld and Allport: *Elementary Laboratory Course in Psychology*.

Simple apparatus will be used with a view to furnishing an experimental approach to the study of sensation, attention, the learning process and other aspects of the functioning of the organism. The class is intended primarily for those interested in acquiring a knowledge of experimental technique and methods.

10. **Social Psychology.**—(1925-26). *Monday and Wednesday, 9-10 a. m.*

Pre-requisite.—Philosophy I.

Text Books: McDougall: *The Group Mind*. Allport: *Social Psychology*.

11. **Educational Psychology.**—(1925-26). *Tuesday and Thursday, 4.30-5.30 p. m.*

Pre-requisite.—Philosophy I.

Text Book: Colvin: *The Learning Process*. Additional references for reading will be given in class. The course is designed to bring into prominence such aspects of theoretical and experimental psychology as have a bearing on the teacher's vocation. Reference will also be made to class room management and to intelligence tests.

12. **History of Education.**—(1926-27). *Monday and Wednesday, 4.30-5.30 p. m.*

Pre-requisite.—Philosophy I.

Text Books: Cubberley: *History of Education*. *Readings in History of Education*.

The course is designed for those entering the teaching profession and gives a broad account of the doctrines of the great educators from Plato down to the present time.

13. **Dynamic Psychology.**—(1925-26). *Monday and Wednesday, 4.30-5.30 p. m.*

Pre-requisite.—Philosophy I.

Text Books: Tansley: *The New Psychology and its Relation to Life*. Prince: *The Unconscious*.

A review of recent findings in the fields of abnormal psychology and psychopathology in so far as these have a bearing upon the working of the normal mind.

### XIII. Mathematics.

Professor.....Murray Macneill.  
Assistant Professor.....F. H. Murray.

1. **Elementary Mathematical Analysis.**—*Monday, Wednesday and Friday, 10-11 a. m.; or, Tuesday, Thursday and Saturday, 11-12 a. m.*

Pre-requisite.—Matriculation Algebra and Geometry.

For those who have not studied Trigonometry, Mathematics 1C is recommended.

Logarithms, Interest and Annuities, Probability, Binomial Theorem, Graphs, Maximum and minimum values, Theory of Equations, Solution of plane triangles, Trigonometric Equations and Identities, Proportional Geometry.

**1C. Methods of Calculation.**—*Monday, Wednesday and Friday, 10-11 a. m.*

Pre-requisite.—Matriculation Algebra and Geometry.

Formulas and the principles on which they are based, Logarithms. The Compound Interest Law. Progressions, Annuities, Amortization of Bonds, Indeterminate Equations, Permutations and Combinations, Probability, Approximations and Percentages of Error, Infinite Series, Graphical Representation of Statistics.

The class is primarily intended for Commerce students, but may be taken as the required class in Mathematics by those who do not intend to take Mathematics 2.

**2. Analytic Geometry.**—*Tuesday and Thursday, 11-12 a. m.*

Pre-requisite.—Mathematics 1, which may, however, be taken at the same time.

Text Book: Smith and Gale: *New Analytic Geometry.*

**3. Infinitesimal Calculus.**—*Monday, Wednesday and Friday, 11-12 a. m.*

Pre-requisite.—Mathematics 1 and 2.

Text Book: Granville: *Differential and Integral Calculus.*

**4. Solid Geometry and Spherical Trigonometry. Analytic Geometry of three dimensions.**—*Tuesday and Thursday, 10-11 a. m.*

Pre-requisite.—Mathematics 1 and 2. The latter may be taken at the same time.

**Advanced Classes.**

The courses in these classes are intended for those who wish to take mathematical work in the third or the fourth year in the ordinary course in Arts or Science. They are also intended to serve as courses introductory to the study of higher mathematics for those who may afterwards attend the graduate schools in the larger universities. Candidates for Honours in Mathematics are required to take four of these courses in class. Each class meets weekly throughout the year. Mathematics 3 and 4 are pre-requisite.

5. **Advanced Calculus.**—Topics in the treatises of Todhunter, Williamson, Harnack, Lamb and Gibson.
6. **Plane and Solid Analytical Geometry.**—Based on the treatises of Salmon and C. Smith.
7. **Differential Equations.**—*Monday and Wednesday, 12-1 p.m.* Murray's *Differential Equations*, with supplementary lectures.
8. **Algebra.**—Topics in Determinants, Theory of Equations, Quantics, Invariants, with lectures on Series and Functions of a real variable.
9. **Projective Geometry.**



## XIV. Physics.

Professors . . . H. L. Bronson, (*Head of Dept.*), J. H. L. Johnstone.  
 Instructor: . . . . . Merle P. Colpitt.  
 MacGregor Fellow . . . . . G. C. Laurence.

1. **General Physics.**—*Lectures: Monday, Wednesday and Friday, 10-11 a. m. Laboratory: Two hours per week.*

Pre-requisite.—Matriculation Mathematics and Physics.

The whole subject of Experimental Physics is taken up, the subjects treated being: Kinematics, Dynamics, Properties of Matter, Sound, Heat, Electricity and Magnetism, Light and other forms of Radiation. The lectures are illustrated by experiments and special attention is paid to the solution of problems, which must be submitted by all students for correction and criticism.

Two hours a week are devoted to laboratory work. The laboratory class is divided into three sections which meet on Monday and Wednesday 11 a. m.—1 p. m., and Friday 2.30—5.30 p. m. The experiments selected for the course are designed to acquaint the student with the methods and instruments used in physical measurement. They will also assist him in grasping that part of the subject which is taught in the lectures.

Text Book: Kimball: *College Physics*.

20. **Light, Sound, X-Radiation and Radio-Activity.**—*Lectures: Monday and Wednesday, 9-10 a. m. Laboratory: Tuesday or Thursday, 9-12 a. m.*

Pre-requisite.—Physics 1.

This course is primarily intended for second year students in Medicine and Dentistry and special attention will be given to those parts of the subject of interest to them. It may be elected by any students who are properly qualified.

2. **Mechanics, Hydrostatics, Heat, Light and Sound.**—*Lectures: Monday, Wednesday and Friday, 12-1 p. m. Laboratory: Wednesday, 2.30-5.30 p. m., but other hours may be arranged.*

Pre-requisite.—Mathematics 1; but it may, however, be taken at the same time.

Text Books: Franklin and MacNutt; *Mechanics; Heat; Light and Sound*.

3. **Electricity and Magnetism.**—*Lectures: Tuesday and Thursday, 9-10 a. m. Laboratory: Monday, 2.30-5.30 p. m.*

Pre-requisite.—Physics 2 and Mathematics 1.

Physics 2 and 3 are intended primarily for Engineering students, and for students desiring to take Honours in Mathematics or Physics. They are also recommended for students in Arts and Science who are interested in the subject and desire a more thorough grasp of it than can be obtained from Physics 1.

Text Books: Franklin and MacNutt: *Electricity and Magnetism*. Kimball: *College Physics*.

**4. Thermodynamics.**—Lectures and Laboratory.

Pre-requisite.—Mathematics 3, Physics 1 or 2.

Books Recommended: Planck: *Thermodynamics*. Lewis and Randall: *Thermodynamics*.

**5. Light.**—Lectures and Laboratory.

Pre-requisite.—Mathematics 3, Physics 1 or 2.

Books Recommended: Schuster: *Theory of Optics*; Wood: *Physical Optics*.

**6. Electricity and Magnetism.**—Lectures and Laboratory.

Pre-requisite.—Mathematics 3, Physics 1 or 3.

Books Recommended: Hutchinson: *Advanced Text Book of Electricity and Magnetism*; Thomson: *Elements of the Mathematical Theory of Electricity and Magnetism*; Franklin and Williamson: *Alternating Currents*.

**10. Elementary Practical.**—*Six hours per week.*

Pre-requisite.—Physics 1, or its equivalent.

This course is a continuation of the experimental work of Physics 1, but is somewhat more difficult and in it more attention is paid to experimental methods. It is intended for Honour students in Chemistry and for those who desire a larger acquaintance with the experimental side of Physics than is to be obtained in Physics 1.

**11. Advanced Practical.**—*Six hours per week.*

Pre-requisite.—Physics 2 and 3.

The work of this class consists of the investigation of physical laws of a more complex kind than in Physics 2 and 3, and a greater degree of precision will be expected in the determinations made.

**12. Research Course.**—*At least ten hours per week.*

The work will consist of new investigations conducted by students who show sufficient ability and are otherwise qualified to undertake it

**Physics Seminar and Journal Club.**—*Tuesday, 5 p. m.*

Lectures on recent developments in Physics; presentation of papers by advanced students; reviews of current journals. All Honour and Graduate students are expected to attend.

**Mathematical Physics.**

Professor.....G. H. Henderson

**13. Modern Physics.**—2 hours Lectures and 1 Laboratory period.

Pre-requisite.—Two courses in Physics.

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

Books Recommended: Crowther: *Ions, Electrons, etc.* Collateral reading.

**14. Mechanics.**

Pre-requisite.—Mathematics 3 and Physics 2.

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

Books Recommended: Lamb: *Statics.* Lamb: *Dynamics.*

**15. Advanced Mechanics.**

Pre-requisite—Physics 14 and Mathematics 7.

A continuation of the previous course.

**16. Introduction to Mathematical Physics.—(1924-25).**

Pre-requisite.—Mathematics 3 and Physics 6.

Vector analysis with application to physical problems; Fourier analysis and heat conduction; Theory of Errors; Dimensional analysis.

Books Recommended: Coffin: *Vector Analysis.* Byerly: *Fourier's Series.* Houstoun: *Introduction to Mathematical Physics.*

**18. Quantum Theory and Relativity.**

Pre-requisite.—Mathematics 7, Physics 4 and 14.

**19. Advanced Electricity and Magnetism.**

Pre-requisite.—Mathematics 7 and Physics 16.

Electrodynamics of the electron, electromagnetic radiation, electromagnetic theory of light. Solution of problems involving spherical and zonal harmonics, conjugate functions and Bessel's functions.

Book Recommended: Jeans: *Electricity and Magnetism.*

**XV. Chemistry.**

<i>Research Professor (Head of Dept.)</i> .....	D. McIntosh.
<i>Professor</i> .....	C. B. Nickerson.
<i>Assistant Professor</i> .....	H. S. King.
<i>Instructor</i> .....	E. W. Todd.
<i>Assistant</i> .....	Margaret McCurdy.

**1. General Chemistry.—Lectures: Monday, Wednesday and Friday, 9-10 a. m. Laboratory: Monday, 2.30-5.30 p. m.**

Pre-requisites.—Matriculation Algebra, Chemistry, and English.

Phenomena leading to the fundamental laws of combination are first presented, as far as possible in historical order, and thereafter the atomic theory, Avogadro's hypothesis, and the forma-

tion of equations. The chief non-metallic elements are then studied somewhat in detail, and the more important metals more briefly. The elements of Physical and Organic Chemistry are also introduced. Written class exercises are held regularly.

Books Recommended: McPherson and Henderson: *A Course in General Chemistry, Second Edition*. Smith and Kendall; *College Chemistry*. For occasional reading, Lassar-Cohn: *Chemistry in Daily Life*. Alembic Club Reprints. Bird: *Modern Science Reader*.

**1A. General Chemistry.**—Lectures: *Monday, Wednesday and Friday, 9-10 a. m. Laboratory: Tuesday and Thursday, 2.30-5 p. m.*

Pre-requisites.—Matriculation Algebra and Chemistry.

The Laboratory work of this course is that of Chemistry 1 with two and one-half additional hours per week, part of which is spent in a preliminary course in qualitative analysis.

**2. Advanced Inorganic Chemistry and Qualitative Analysis.**—Lecture: *Saturday, 9-10 a. m. Laboratory: Tuesday and Thursday, 2.30-5.00 p. m.*

Pre-requisite.—Chemistry 1 or 1A.

Lectures: The theory and application of such subjects as ionization, the mass law and electropotentials are discussed. The metals and their compounds are studied and several lectures are devoted to the more recent theories of atomic and molecular structure.

Laboratory: The detection of the more common basic and acidic ions and the analysis of unknown mixtures and commercial products. The preparation of certain inorganic compounds of theoretical interest.

This course is especially intended for students who contemplate further work in Chemistry or Physics and is not offered to students who are registered in Medicine or Dentistry.

Books Recommended: McPherson and Henderson: *A Course in General Chemistry*. Smith and Kendall: *Inorganic Chemistry*. Talbot and Blanchard: *Electrolytic Dissociation Theory*. Noyes: *Qualitative Chemical Analysis*.

**4. Organic Chemistry.**—Lectures; *Monday and Wednesday, 10-11 a. m. Laboratory: Saturday, 10-1 p. m.*

Pre-requisite.—Chemistry 1 or 1A.

Lectures: A study of the compounds of carbon. Until Christmas, the lectures will deal with methane and ethane and their simple derivatives.

Laboratory: Qualitative analysis of organic compounds. The laboratory methods of organic chemistry. The preparation and examination of the properties of typical aliphatic and aromatic compounds.

Books Recommended: Remsen and Orndorff: *Organic Chemistry*. Perkin and Kipping: *Organic Chemistry*.

## Advanced Classes.

These classes are especially intended for candidates for Honours in Chemistry; but any student who has passed in Chemistry 2 and 4 with Distinction may be admitted. Of these classes, Chemistry 5 and Chemistry 8 are given in alternate years.

5. **History of Chemical Theory.**—(1925-26). *Twice a week.*  
The development of chemical theory from the time of Boyle.

Books Recommended: Armitage: *History of Chemistry*. Roscoe: *Dalton and the Rise of Modern Chemistry*. Shenstone: *Justus von Liebig*. Thorpe: *Essays on Historical Chemistry*. Schorlemmer: *Rise and Progress of Organic Chemistry*. Stewart: *Recent Advances in Organic Chemistry*. Lachman: *Spirit of Organic Chemistry*. *Selected Memoirs from the Alembic Club Reprints* and Ostwald's *Klassiker*. For Reference: Von Meyer: *History of Chemistry*.

6. **Physical Chemistry.**—*Lectures: Tuesday and Thursday, 9-10 a.m. Laboratory: Saturday, 9-10 a.m. and three additional hours.*

Pre-requisite.—Chemistry 2.

General Physical Chemistry including the constitution of matter and compounds; the chemistry of the radio-active elements, the kinetic theory of gases; the theories of solution and of electrolytic dissociation. Laboratory.—Four hours per week.

Books Recommended: Walker: *An Introduction to Physical Chemistry*. Findlay: *Practical Physical Chemistry*. Ostwald: *Principles of Inorganic Chemistry and Outlines of General Chemistry*. Washburn: *Physical Chemistry*.

7. **Quantitative Analysis.**—*Lecture: Wednesday, 9-10 a.m.*

Pre-requisite; Chemistry 2.

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

Text Book: Talbot: *Elementary Quantitative Analysis*.

8. **Modern Theories of Chemistry.** (1926-27). *Two lectures a week during the First Term.* (b) **Electrochemistry.**—*Two lectures a week during the second term.*

Pre-requisite; Chemistry 2 and 4.

Books Recommended: Lewis: *Valency*. Thompson: *The Electron in Chemistry*. Aston: *Isotopes*. Bragg: *X-Ray Spectroscopy*. LeBlanc: *Electrochemistry*. Creighton and Fink: *Electro-Chemistry*. Thomson: *Applied Electro-Chemistry*. Stansfield: *The Electric Furnace*.

9. **Advanced Quantitative Analysis.**—*One lecture and 9 hours laboratory work per week.*

Pre-requisite —Chemistry 4 and 7.

Students may take one of the following courses:

(a) Advanced Inorganic Analysis. Special methods including gas analysis.

## (b) Food and Drug Analysis.

Books Recommended: Fay: *An Advanced Course in Quantitative Analysis*. Blair: *The Chemical Analysis of Iron and Steel*. Ibbotson: *Steel Works Material*. Demorest: *Quantitative Analysis*. Washington: *The Analysis of Silicate Rocks*. Woodman: *Food Analysis*. *Bulletins of the U. S. Department of Agriculture*.

10. **Advanced Organic Chemistry.**—One lecture and nine hours laboratory per week.

Pre-requisite.—Chemistry 4.

Books Recommended: Holleman: *Organic Chemistry*. Cohen: *Organic Chemistry*.

11. **Research.**—The work of this class will consist of original investigation conducted by students who have shown themselves qualified to undertake it.XVI. **Geology and Mineralogy.**

Assistant Professor..... D. S. McIntosh.

1. **General Geology.**—Lectures: Monday, Wednesday and Friday, 10-11 a. m. Excursions and Laboratory: Tuesday and Friday afternoons. (One afternoon a week is the full requirement).

Pre-requisite.—Matriculation Chemistry.

The lectures will consist of a general survey of the whole field of Geology. A large part of the time will be devoted to Dynamical and Structural Geology. Historical Geology will deal mainly with the North American Continent, tracing its development, and that of life upon it, from early times to the present day.

During the early part of the First Term excursions will be made to points of interest around Halifax on Tuesday or Friday afternoons. This will be succeeded by laboratory work of three hours on these afternoons during the rest of the session.

This course is elective for candidates in Arts and Science.

It is also the course for candidates in engineering who require Geology as one of their subjects.

Text Books: Pirsson and Schuchert: *Introductory Geology*.

Reference Books: Chamberlain and Salisbury: *Geology*. Geikie: *Geology*. Pirsson and Schuchert: *Text Book of Geology*. Young and Brock: *Geology and Economic Minerals of Canada*.

2. **Canadian Geology.**—Lectures: Tuesday and Thursday, 10-11 a. m. Laboratory: Three hours per week.

Pre-requisite.—Geology 1.

This course deals with the Geology of Canada—physical, historical and economic.

Reference Books: Coleman and Parks: *Elementary Geology*. Young and Brock: *Geology and Economic Minerals of Canada*. C. G. S. Reports.

- 3. Mineralogy and Petrography.**—(1925-26). *Lectures: Two hours per week. Laboratory: Chiefly microscopical. One afternoon per week.*

Pre-requisites.—Chemistry 1 and Geology 1 (the latter, however, may be taken in the same year).

This course will embrace crystallography, the rock-forming minerals, and the classification and description of rocks.

Reference Books: W. S. Bayley: *Elementary Crystallography*. Pirsson: *Rocks and Rock Minerals*. Harker: *Petrology for Students*.

- 4. Mineralogy and Economic Geology.**—(1926-27). *Lectures: Two hours per week. Laboratory: Three hours per week.*

Pre-requisites—As in Geology 3.

The mineralogy of this course will supplement that of Geology 3 by a description and determination of minerals by their physical properties and systematic blow-pipe analysis. The nature, mode of occurrence and distribution of the economic minerals will also be dealt with.

Reference Books: Dana: *A Text Book of Mineralogy*. Brush and Penfield: *Determinative Mineralogy and Blow-pipe Analysis*. Lindgren: *Mineral Deposits*. Kemp: *Ore Deposits of the United States and Canada*.

- 10. Economic Geography.**—*Tuesday, Thursday and Saturday, 11-12 a. m.*

This class cannot be offered as one of the imperative Science classes for the Arts degree.

Erosion and the development of land forms; shoreline and harbours; the factors that influence climate; regional vegetation; natural resources; the human factor; transportation; trade routes; density of population.

Text Books: T. C. Hopkins: *Elements of Physical Geography*. Whitbeck and Finch: *Economic Geography*.

Reference Book: Gregory, Kellar and Bishop: *Physical and Commercial Geography*. J. Russell Smith: *Commerce and Industry*.

#### Advanced Courses.

One at least of these courses will be given each year, if there is sufficient demand.

- 5. Palaeontology.**—*Class and laboratory Work one afternoon per week.*

Pre-requisite.—Geology 1; Biology 2 and 3.

Typical fossils of the various formations will be studied.

Reference Book: Zittel: *Text Book of Palaeontology*.

- 6. Practical Geology.**—*One lecture per week, with field work during the open season.*

Pre-requisite.—Geology 1.

This course will deal with problems in structural geology, with geological and magnetic surveys.

7. **Geological Chemistry.**—Lecture, one hour per week. Laboratory, six hours per week.

Pre-requisites.—Geology 3 and 4, Chemistry 7.

The lectures will embrace the application of chemistry to geological problems. The laboratory course will deal with minerals and rock analysis.

## XVII. Biology.

1. **General Biology.**—Lectures: Tuesday and Thursday, 2.30—3.30 p.m. Laboratory: Tuesday and Thursday, 3.30—5.30 p.m.

Pre-requisite.—Matriculation Physics or Chemistry.

This class, conducted jointly by the instructing staff in Zoology and Botany, is intended primarily for Arts and Science students. Along with Zoology 3 it can be offered in place of Biology 1A, by students in Medicine or Dentistry. The aim of the course is to acquaint the student with some of the more important biological facts and theories and to serve as an introduction to biological methods.

Text Books: Hegner: *Introduction to Zoology*. Holmes: *Biology of the Frog*. Ganong: *Text Book of Botany*.

References: Parker and Haswell: *Text Book of Zoology* (2 Vols.). Shull: *Principles of Animal Biology*. Goodrich: *Living Organisms*.

### Zoology.

Associate Professor . . . . . J. Nelson Gowanloch  
Student Assistant . . . . . Robert C. Robb

- Zoology 2. Invertebrate Zoology.**—(1926-27). Lectures: Two hours per week. Laboratory: Four hours per week.

Pre-requisite.—Biology I or IA.

This course provides a study of invertebrate types together with some experimental investigation of their reactions. At least five half-day field-trips will be arranged.

Text Book: Parker and Haswell, Vol. I.

References: Lankester: *Treatise of Zoology*. Shelford: *Animal Communities in Temperate America*. Pratt: *Manual of Common Invertebrate Animals*.

- Zoology 3. Comparative Vertebrate Anatomy.**—(1925-26).  
Lectures: Monday and Wednesday, 2.30-3.30 p. m. Laboratory: Monday and Wednesday, 3.30-6.00 p. m.

Pre-requisite.—Biology I or 1A.

This course covers general principles of the comparative anatomy of vertebrate animals, together with the dissection of a series of types.

Text Books: Davidson: *Mammalian Anatomy* (4th ed.). Hyman: *Laboratory Manual for Comparative Vertebrate Zoology*.

References: Parker and Haswell: *Text Book of Zoology* Vol. 2. Reighard and Jennings: *Anatomy of the Cat*.



**Zoology 4. Variation, Evolution and Genetics.**—(1925-26).  
*Lectures: Three hours per week, to be arranged.*

Pre-requisites.—Two courses in Biological Science.

This course, which is conducted on the seminar plan, provides for the study of these fields with especial reference to modern developments and applications.

**Zoology 5. Marine Zoology.**—(1926-27). *Lectures: Two hours per week. Laboratory: Four hours per week, together with field trips.*

This course is designed to serve as an introduction to some of the facts and methods of zoology as applied to marine problems. Experimental work and surveys of operations in fish hatcheries and sea-fisheries, collection and identification of local marine forms will constitute the practical work. This course is primarily designed for students who will proceed to original investigations on sea-life, in its economic aspects.

**Zoology 6. Zoological Seminar.** (*For advanced students only*)  
*Lectures: Two hours per week. Special meetings by arrangement.*

This course provides for the study of recent zoological problems by the seminar method.

**Zoology 7. Research Course.** *At least ten hours per week.*

The work consists of original investigations carried out by properly equipped students who have shown themselves capable of conducting critical experimental studies.

**Botany.**

*Associate Professor*.....H. P. Bell.  
*Assistant*.....

**2. Cryptogamic Botany.**—*Lectures: Monday and Wednesday, 2.30-3.30 p. m. Laboratory: Monday and Wednesday, 3.30-5.30 p. m.*

Pre-requisite.—Biology 1 or 1A.

An introductory course in the slime moulds, fungi, algae, liverworts, mosses, ferns and fern allies.

**3. Phanerogamic Botany.**—(1925-26). *Lectures: Monday and Wednesday, 2.30-3.30 p. m. Laboratory: Monday and Wednesday, 3.30-5.30 p. m.*

Pre-requisite.—Biology 1 or 1A.

An introductory course in the conifers, conifer allies, and flowering plants. This course is adapted to the needs of those who intend to teach in the public schools.

4. **Mycology.**—*Lectures: Two hours per week. Laboratory: Four hours per week.*

Pre-requisite.—Botany 3 or 4.

Special attention is given to those forms of fungi which cause plant diseases.

5. **Algology.**—*Lectures: Two hours per week. Laboratory: Four hours per week.*

Pre-requisite.—Botany 3 or 4.

Special attention is given to the marine forms found in the vicinity of Halifax. Before credit will be given for this course the student must present an original collection of at least twenty-five species properly identified and mounted.

6. **Biological Laboratory Technique.**—*Lectures: One hour per week. Laboratory: Ten hours per week.*

Pre-requisite.—Biology 1 or 1A.

Text Book: Chamberlain: "*Methods in Plant Histology.*"  
Reference: Lee: "*The Microtometist's Vade-Mecum.*"

7. **Botanical Seminar.**—*Lecture: One hour per week. Special meetings and laboratory work arranged as required. (For advanced students only).*

This course includes a study of recent botanical literature, and an investigation of special problems may be undertaken by qualified students.

#### Histology and Embryology.

The classes in Histology and Embryology given in the Medical Faculty may be selected as electives for the Arts or Science degrees by those who offer a group of four classes in Biology, and for that purpose they are regarded as classes in Biology.

### XVIII. Physiology.

Professor.....Bois Babkin.  
Assistant.....N. B. Dreyer.

- 1B. **General Physiology.**—*Wednesday, Friday, and Saturday, 9-10 a. m.*

Some knowledge of Elementary Chemistry, Physics and Biology is pre-supposed; and the student should also, preferably, have some acquaintance with human anatomy. This class cannot be offered for a degree in Medicine.

### XIX. Anatomy.

The classes in Anatomy conducted by the Faculty of Medicine are recognized as qualifying for a degree in Arts or Science, when offered by a student taking the affiliated course in Medicine.

Undergraduates who have taken these classes as part of their course are required to present certificates of having passed the examinations conducted by the Faculty of Medicine.

**XX. Music.**

*Lecturer*.....H. Dean.

The following elective classes in Music may be offered for the degree of Bachelor of Arts.

**Music I**—(1926-27).—**Harmony and Counterpoint:** *Tuesdays and Thursdays, 2-4 p. m.*

**Music II**.—(1925-26). **History of Music:** *Tuesdays and Thursdays, 2-4 p. m.*  
Appreciation of Music and Analysis of Musical Form.

In addition to the above electives for the Arts degree the classes in the Theory of Music and History of Music conducted in the Halifax Conservatory of Music are recognized as qualifying for the degree of Bachelor of Music. In the Theory, the course extends over three years; in the History, over two. Information as to details of subjects studied in the classes, fees, text-books, etc., may be obtained on application to the Director of the Conservatory, Mr. Harry Dean.

**ENGINEERING COURSES.**

*Professor*.....W. P. Copp.  
*Assistant Professor*.....H. R. Theakston.

**XXI. Mechanics.**

**2. Advanced.**—*Monday, Wednesday and Friday, 9-10 a. m., Second Term.*

Pre-requisites.—Physics 2; Mathematics 1, 2 and 3 (the latter however, may be taken simultaneously).

This course is intended for Engineering students, but can be offered for a degree in Arts and Science. It deals with statics and dynamics of a particle and of a rigid body, the application of the calculus in considering the motion of a particle under varying force, simple harmonic motion, oscillation of springs and pendulums, etc. Moment of Inertia of Areas and of Masses Work, Energy and Power, etc. The course is illustrated by practical problems.

Text Books: Poorman: *Applied Mechanics.* Morley: *Mechanics for Engineers.*

**3. Graphical Statics.**—*Monday, Wednesday and Friday, 9-10 a. m., First Term. Wednesday, 2.30-5.30 p. m., throughout the Session.*

Pre-requisites.—Drawing 1 and Physics 2.

The work includes the composition of forces, use of funicular and force polygons, determination of reactions, centres of gravity, bending moments and moments of resistance, stresses in cranes, braced towers, roof trusses, and bridge trusses. Shearing force and bending moment diagrams.

Text Book: Malcolm: *Graphical Statics*.

**4. Mechanics of Machines.**—Tuesday, 11-12 a. m., Monday, Wednesday and Friday, 12 a. m.-1 p. m.

Pre-requisites.—Drawing 1, Physics 2, Mathematics 1, 2 and 3 (the latter, however, may be taken simultaneously).

**Kinematics:** The work includes constrained motion, kinematic pairing, velocity and acceleration in mechanism, analysis of simple mechanisms, including the quadric crank chain, slider crank chain and various wheel trains, and the design of involute and cycloidal gear-teeth and chains.

**Dynamics:** A brief discussion of work and power: the power and turning effort of prime movers; the inertia and kinetic energy of revolving and reciprocating parts of machines.

**5. Materials of Construction.**—Thursday, 11-12 a. m.

The work includes the manufacture and properties of cast iron, wrought iron, crucible, bessemer and open hearth steel; principal alloys; manufacture and properties of Portland and natural cements; limes; concrete; stone and brick masonry; timber; preservation of timber; standard specifications.

Text Book: Moore: *Materials of Engineering*.

## XXII. Surveying.

This course includes all of the following, which must be taken during the same session.

(a) *Lectures:* Monday and Wednesday, 10-11 a. m.

Pre-requisites.—Drawing 1 and Mathematics 1 and 2.

Instruction is given in the use and adjustment of the various surveying instruments, also in plane land surveying by chain, compass, transit and level; contour surveying; stadia surveying; topographical surveying, etc.; railway circular curves; land systems of the Dominion and Provinces.

Text Book: Breed & Hosmer: *Plane Surveying*.

(b) *Surveying Field Work.* About three weeks immediately preceding the opening of the sessional lectures, and Tuesday and Thursday 2.30-5.30 p. m., of the First Term are devoted to practical surveying field work. The course embraces problems in chaining, transit and compass surveying, levelling etc. This part of the course is carried on in a United Surveying Camp, conducted under the auspices of the Nova Scotia Technical College in the grounds

of the Agricultural College, Truro. In addition a detail transit and tape survey is made of the Studley property of the University.

(c) *Mapping. Tuesday and Thursday, 2.30-5.30 p. m., Second Term.*

Drafting from field notes of chain and angular surveys; particularly emphasizing the Studley property survey, the map for which is very carefully drafted and tinted with water colours; Drafting of various survey problems assigned from time to time.

### XXIII. Drawing.

**1. Engineering Drawing.**—*Lectures: Tuesday and Thursday, 9-10 a. m. Laboratory: Monday and Friday, 2.30-5.30 p. m.*

This course is required of all Engineering students. It deals with freehand lettering; object drawing; geometrical exercises; detail and assembly drawings; tracings of simple machines; sketching, blueprinting, graphs and wash drawings.

Text Book: French: *Engineering Drawing.*

**1B. Engineering Drawing.** *Lectures: Tuesday and Thursday, 9-10 a. m. Laboratory: Monday, 2.30-5.30 p. m.*

This course or Drawing 1 is required of all students proceeding to the Degree of B. Sc. It is a modification of Drawing 1 and in addition deals with perspective, and pseudo-perspective. Special emphasis is given to free hand sketching.

Text Book: French: *Engineering Drawing.*

**2. Descriptive Geometry.**—*Saturday, 9 a. m.-1 p. m.*

The work includes the projection of lines, plane figures and solids, problems on the relations of straight lines and planes in space, intersections and developments, surfaces of revolution, perspective. The course aims not only to develop the power to visualize magnitudes involving three dimensions, but also to point out practical applications to engineering work, with practical problems applying the theory.

Text Book: Smith: *Practical Descriptive Geometry.*

**3. Advanced Engineering Drawing.**—*Friday, 2.30-5.30 p. m.*

Pre-requisite.—Drawing 1 and 2.

This course is required of all Engineering students and is divided into three parts: (a) October-November—Elementary structural drawing, aiming to familiarize the student with structural steel shapes and the detail connections for same. (b) December-January-February—Detail drawings and tracings of more difficult machine parts. (c) March-April advanced descriptive geometry and its application to more difficult architectural, sheet metal, piping and mining problems.

Lectures are given during the course dealing with draughting room methods and explanation of design and problems.

Reference Books: French: *Engineering Drawing.* Smith: *Practical Descriptive Geometry.* Cutter: *Descriptive Geometry.* Bishop: *Structural Drafting. Cam-  
bria Steel Handbook.*

## XXIV. Shop Work.

A course of about three weeks duration immediately preceding the regular sessional lectures, is given by the Nova Scotia Technical College in its own workshops. The course includes chipping, filing, and scraping; machining a surface block; various kinds of work on drilling machines; grinding of drills; instruction in cutting speeds and rates of feed; tapping and threading and problems connected therewith; engine lathe work etc.; various problems assigned at the discretion of the instructor suited to the individual ability of the student.

## XXV. Commerce.

Professor.....Bishop C. Hunt.  
Lecturers in Commercial Law.....  
Lecturer in Accounting.....

1. **Elementary Accounting.**—Monday, Wednesday and Friday, 2.30-3.30 p. m.

Fundamental principles, theory and practice of debit and credit; functions and classification of accounts; columnar books of original record; supporting information; proprietorship; controlling accounts; entries to open, adjust and close; preparation of financial statements; single entry; elementary problems.

Text Books: Kester: *Accounting Theory and Practice*, Vol. I, 2nd Edition and Practice Data. Rittenhouse and Percy: *Accounting Problems—Elementary*.

2. **Intermediate Accounting.**—Monday, Wednesday and Friday, 11-12 a. m.

Pre-requisite.—Elementary Accounting.

Accounting as an instrument of business control. Theory and practice of the technical phases of mercantile accounting: Advanced methods of recording and handling sales, purchases, receipts and disbursements; the voucher system, columnar control; the functions and adjustment of partnership accounts; of corporation accounts; stock and bond issues, bond interest and discount, surplus and reserves, sinking funds; aspects and methods of providing for depreciation; investments; intangible assets. The problem of valuation. The preparation, analysis and interpretation of the financial statements of mercantile and manufacturing concerns; readings in accounting theory; the solution of a variety of problems.

Text Books: Kester: *Accounting Theory and Practice*, Vol. II and Practice Data. Rittenhouse and Percy: *Accounting Problems—Intermediate*.

Reference will be had to Bennett: *Corporation Accounting*. Hatfield: *Modern Accounting*. Dickinson: *Accounting Practice and Procedure*. Spicer and Pegler: *Auditing*.

3. **Advanced Accounting Problems.**—(1926-7). *Three hours per week.*

Pre-requisite.—Intermediate Accounting.

1. Auditing, theory and practice; investigations; classes, purposes and methods.

2. Fiduciary Accounting. The preparation of trust and estate accounts; a wide range of problems in Theory and Practice.

Reference books: Spicer and Pegler: *Auditing*. Hoskins: *Joint Stock Companies*. Dickinson: *Accounting Practice and Procedure*. Montgomery: *Auditing, Theory and Practice*.

**4. Marketing and Distribution.**—*Tuesday and Thursday, 9-10 a. m.*

Pre-requisite.—Economics 1.

A study of the processes, channels and problems of market distribution.

I. The marketing of raw materials and semi-manufactured products for wholesale consumption; trade channels; position and functions of various types of middleman; the problems of transportation, financing, insurance, storage and speculation; sources of market information; investigation of the more important raw materials to illustrate principles.

II. The methods of marketing manufactured goods for retail distribution; middlemen in the manufacturer's market; economics of retailing; types of retail stores, competitive advantages and disadvantages; advertising as a business force; price policies; sales under brand; merchandising costs; critique of the present marketing system; problems.

Text Books: Macklin: *Efficient Marketing for Agriculture*. Clark: *Principles of Marketing*. Copeland: *Marketing Problems*.

Readings from Cherington: *Advertising as a Business Force*. Nystrom: *Economics of Retailing*. Marshall: *Industry and Trade*. Shaw: *An Approach to Building Problems*.

**5. Business Correspondence.**—(1925-26). *Friday, 9-10 a. m.*

Pre-requisites.—English 2.

A study of the various types of business letters, their form and methods of expression; routine-buying, collection, adjustment, circular, sales and application letters; the preparation of reports and outlines; mailing lists; handling correspondence; the language of advertising; the problem of effective business communication.

Gardner: *Effective Business Letters*. Hall: *Writing an Advertisement*.

**6. Business Organization and Management.**—(1925-26).  
*Monday and Wednesday, 9-10 a. m.*

Pre-requisites.—Economics 1 and Commerce 1.

I. The evolution of industry based on methods of production; organization from the standpoints of association and ownership; the form of the business unit; the partnership, corporation and corporation combination; advantages and disadvantages; tests of efficiency.

II. The theory of industrial and plant location, equipment and development; types of internal organization for purposes of control; the administration of production; methods of modern business management; the Taylor system of scientific management; the administration of personnel; the human equation in business; executive co-ordination; accounting and statistics as instruments of business control.

Text Books: Marshall: *Business Administration*. Reference to Jones: *Administration of Industrial Enterprises*. Taylor: *Principles of Scientific Management*. Shaw: *An Approach to Business Problems*. Schell: *Technique of Executive Control*. Marshall: *Industry and Trade*.

**7. Corporation Finance and Investments.**—(1926-27). *Monday, Wednesday and Friday 9-10 a. m.*

Pre-requisite.—Economics I, Commerce 2.

**I.** Types and varieties of securities; promotion—the promoter, investment banker, underwriting syndicate, sale of securities to the public, financial plans; problems of financial administration; accounting and dividend policies; expansion—industrial combinations, the sale of notes, bonds and securities, railroad and public utility finance; failure and reorganization.

**II.** An analysis of types of investments and their suitability for different persons and institutions; investments and the business cycle.

Text Books: Dewing: *Corporation Finance*. Lincoln: *Problems of Business Finance*. Lagerquist: *Investment Analysis*.

Reference will be had to: Dewing: *Financial Policy of Corporations and Corporate Problems and Reorganizations*. Gerstenberg: *Financial Organization*.

**8. Commercial Law** (1926-7).

General principles of business law, including the law of contracts, sales and agency. Elements of jurisprudence.

The law of negotiable instruments; partnerships and corporations; torts; real property; liens; bankruptcy; the Bank Act. Lectures and assigned readings.

Reference: Cockle and Hibbert: *Cases on the Common Law*. Topham: *Company Law*.

**9. Foreign Trade**—(1925-26). *Tuesday and Thursday, 10-11 a. m.*

Pre-requisite.—Economics I; Commerce 4.

**I.** The principles underlying the development of international commerce; geographic, economic and social factors; foreign exchange.

**II.** The technical aspects of merchandising Canadian goods in overseas markets and of importing from abroad; market analysis.

**III.** Ocean transportation; the business of shipping and its organization; freight rates; marine insurance; trade routes; port and harbour facilities; government aid, mercantile marine policies and subsidies.

Text Books: Taussig: *Selected Readings in International Trade*. Furniss: *Foreign Exchange*. Wyman: *Export Merchandising*. Tosdal: *Problems of Export Sales Management*. DeHaas: *Foreign Trade Organization*.

**10. Railroad Transportation.**—(1926-7).

The principles of railroad transportation; development and operation of the Canadian systems; administrative organization; rates and rate making; problems of the shipper, the traffic department.

**11. Advanced Market Organization and Problems.**

An analysis of problems of selling policy; the sales organization, development and relation to other departments; market analysis; functions and principles of advertising and selling; preparation and execution of sales campaigns.

Text Books: Assigned Reading and Exercises. Extracts from Copeland: *Marketing Problems*. Tosdal: *Problems of Sales Management*. David: *Problems of Retailing*. Tipper and Hotchkiss: *Principles of Advertising*. Whitehead: *Principles of Salesmanship*. Hoyt: *Scientific Sales Management*.



# 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. The professorship of Contracts was held continuously from the beginning by Dr. Benjamin Russell, lately one of the Justices of the Supreme Court of Nova Scotia. Mr. Justice Russell ceased to deliver regular lectures in 1921. An additional full-time professorship was established in 1920 and a full-time lectureship in 1921. This lectureship was converted into an assistant-professorship in 1923. Besides the three full-time teachers, eighteen members of the Bench and Bar of the Province have during the past year given their services as voluntary lecturers in various courses at the School.

The Law School occupies the first two floors of the north wing of the Forrest Building on Carleton Street. A new building was erected on the Studley Campus in 1921 which is designed for the use of the Law School as soon as a new building can be erected for Arts. The Library of the Law School contains over 9000 volumes, including practically all the English and Canadian Reports and a number of sets of legal periodicals.

## Affiliated Courses.

A Bachelor of Arts of this University who has during his Arts Course taken the classes of the first year in

Law may complete a subsequent Law course in the University in two years. Only four of such classes may be counted towards the Arts degree. See page 30.

### **Arrangements with the N. S. Barristers' Society.**

Arrangements have been made with the Nova Scotia Barristers' Society whereby the University, when the Society desires it, will appoint two co-examiners for any subject of examination, one of them to be nominated by the Society. The Society in return will exempt from its Professional Examinations holders of the degree of Bachelor of Laws from Dalhousie University, but expressly stipulates that the examinations passed by the student must have included one by co-examiners on Procedure and Practice.

As students are expected to familiarize themselves with the subject-matter of the subjects of examination, whether covered by the lecturer or not, they are advised to consult not only the reference books recommended by the lecturer, but also those in the printed syllabus of the Professional Examinations of the Nova Scotia Barristers' Society.

The following information abstracted from the regulations of the Society is given for the benefit of those seeking admission to the Bar in this Province.

Attention is directed to the fact that by recent action of the Society, the requirements of the Preliminary Examination for admission as an articled clerk have been raised, and that besides the Preliminary Examination a candidate for admission to the Bar of Nova Scotia has now to pass three professional examinations instead of two. These changes took effect as respects the Preliminary Examination on Jan. 1st, 1924, and as respects the professional examinations on July 1st, 1924.

An applicant for admission to the Bar must pass four examinations, Preliminary, First, Second and Third Professional.

#### **Preliminary Requirements of the Society.**

The Preliminary requirements must be satisfied before a candidate can be admitted as an articled clerk. In lieu of the examination certain certificates may be accepted. The subjects of examination are:—

1. English;
2. Geography and History;
3. Mathematics;
4. Latin;
5. Greek, or French, or German;
6. Constitutional

History; 7 and 8. any two of the following:—Chemistry, Physics, Logic and Psychology, Surveying, Economics.

The grade of difficulty and comprehensiveness of the examinations is that of the corresponding examinations of the second year of a course in Arts of a recognized University. For the syllabus of the subjects see the printed regulations of the Society.

Candidates may be exempted from the Preliminary examinations, in whole or in part, as follows:

(a) A candidate who presents to the Secretary satisfactory certificates of having completed Matriculation into any College or University approved by the Council of the Society for the purpose, and also of having attended and passed at some College or University approved by the Council of the Society for the purpose, at least ten regular classes of the course for the degree of Bachelor of Arts, of which two shall be English, one Mathematics, two Latin and two in another foreign language.

(b) A candidate who presents to the Secretary a satisfactory certificate that he is the holder of the diploma of Bachelor of Arts from any College or University approved by the Council for the purpose.

#### Intermediate and Final Examinations of the Society.

“No candidate who does not hold the degree of Bachelor of Arts from a College approved for the purpose shall be admitted to an Intermediate examination unless he has served as a duly articulated clerk for at least two years. Any candidate holding such degree may be admitted to the Intermediate examination after he has served as a duly articulated clerk for one year.”

The time during which a student must serve under articles of clerkship is three years, if, (1), during this time he is a Bachelor of Arts, or, (2), at the time of application for admission to the Bar he is a Bachelor of Laws, of a recognized university. The time for all other students is four years.

A student during his term of service shall not engage in any employment, other than attendance at an institution of education in law, which will have the effect of interfering with such services.

#### General University Regulations.

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

#### 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 1925-26 will begin on Tuesday, September 8th, 1925, and end on Monday, December 22nd, 1924. The second term of the session of 1925-26 will begin on Monday, January 4th, 1926, and end on Tuesday, May 12th, 1926. The last day on which students can register for the work of this session is Saturday, September 12th, at noon. Students are registered for the whole session only and not for one or other of the two terms.

**Admission.**

Students are admitted to classes either as Special students without formal examination, or as Undergraduates in Arts taking the Affiliated subjects in Law for the degree of Bachelor of Arts, or as regular Undergraduates in Law.

Special students.—Subject to the University regulations for the admission of students, (p. 9), 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 eight electives required for the degree of Bachelor of Arts (see p. 30). Such undergraduate should arrange his Arts Course, so as to take along with it the remaining subjects of the first year of the law course and thus be able to complete this course in two more years. For this purpose he should consult the Registrar early in his Arts Course.

Students who have Grade XII certificates and enter the Arts Faculty with advanced standing are advised that they cannot in general expect to complete the combined courses in Arts and Law in less than six years.

Undergraduates in Law.—All other candidates for admission must have completed Matriculation and must also present satisfactory certificates of having attended and passed at some degree-granting College or

University recognized by the Senate for the purpose at least ten regular classes of the course for the degree of Bachelor of Arts, comprising two classes in English, one class in Latin, one class in French or some other foreign language, one class in Mathematics, one class in English Constitutional History, and any four classes to be chosen from the following:—Latin, French or some other foreign language, History, Logic and Psychology, Economics, Government, Accounting, Chemistry or Physics, Surveying. These ten classes may be reduced to five in the case of students who enter with advanced standing. Candidates for admission who present satisfactory certificates of having received the degree of Bachelor of Arts or of Science in course at some degree-granting College or University recognised by the Senate for the purpose may be admitted as undergraduates in Law whether or not their course for that degree has included the above specified subjects.

Students presenting themselves for the first time to register in the Faculty of Law must submit to the Registrar their diplomas or certificates to establish their qualifications, and *these must prove acceptable before the student can be registered. Students are consequently advised to mail such certificates to the Registrar for appraisal, as far in advance as possible.*

Undergraduates of other approved law schools may, on producing satisfactory certificates, be admitted to advanced standing in this Law School. (p. 16).

### Matriculation.

For details of the requirements for Matriculation, see pp. 11-16.

### Curriculum.\*

#### First Year.—

*First Term.*—Contracts I, History of English Law, Property I, Crimes, Torts.

*Second Term.*—Contracts II, History of English Law, Property I, Crimes, Torts.

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\*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 Faculty does not hold itself bound to adhere absolutely to the curriculum and conditions now laid down.

**Second Year.—**

*First Term.*—Property II, Procedure I, Bills and Notes, Agency, Bankruptcy.

*Second Term.*—Property II, Procedure I, Corporations and Partnership, Equity I, Insurance.

**Third Year.—**

*First Term.*—Evidence, Constitutional Law, \*International Law, Procedure II, Practical Statutes, Shipping, Conflicts.

*Second Term.*—Evidence, Constitutional Law, \*International Law, Procedure II, Shipping, Mortgages and Suretyship, Equity II.

(\*) Optional.

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

Detailed information regarding the classes included in these courses will be found under Courses of Instruction, p. 99 *et seq.*

In addition to the work given in the regular subjects of the curriculum, special lecture courses will be given by members of the Bench and Bar. Attendance at these courses will be required.

No student shall be allowed to take a class belonging to a year in advance of his own year without special permission from the Faculty.

No student shall be allowed to take classes in other faculties of the University, without special permission from the Faculty of Law.

The Faculty urgently recommends that students devote their whole time during sessions to the work of the School, experience having proved that students who undertake office work in addition to the work of their classes receive comparatively little advantage from the lectures.

**Attendance.**

In order to be permitted to write an examination, a student must have credit for attendance in 90 per cent. of the lectures or other meetings of the class in question.

### Examinations.

Examinations in the subjects of the First Term will be held immediately before the Christmas vacation. Examinations in the subjects of the Second Term will be held after the close of Lectures in the spring, and will cover the whole work of the Session in these subjects.

### Supplementary Examinations.

If a student fail to pass in not more than two subjects of his first year, or in not more than three subjects of his second or third year, at the sessional examinations he may be allowed a supplementary examination in such subject or subjects at the specified times for such examinations. In case of more serious failure he must repeat his year.

Students failing to pass in fifty per cent. of the work of any term will not be allowed to proceed with the work of the following term without special permission of the Faculty.

If a student fail in more than one subject of his year, he must pass in at least all but one of them at a subsequent supplementary examination before he can enter upon the studies of the next higher year.

Supplementary examinations in all subjects are held at the beginning of the session, and at the end of each term in the subjects of that term only, but at no other times.

Students who wish to present themselves at a supplementary examination must make written application at least two weeks before the period of the examination concerned, and the *fee must in all cases accompany the application for examination.*

### Medals and Prizes.

**University Medal in Law.**—This medal will be awarded on graduation to the student standing highest among those taking the full regular third year curriculum, provided he reaches a very high standard of excellence, and obtains First Class Distinction in at least all but three of the subjects of examination.

**Carswell Prizes.**—Books to the value of \$100, (\$20 for the first year, \$30 for the second year, \$50 for the

third year) will be awarded to the students making the highest aggregates in their respective years.

### 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	\$8 00
Payable by students taking more than one class . . . . .	5 00
Additional, payable by all students registering after 12 noon on last regular registration day for each day . . . . .	2.00

#### For Tuition, Examinations and Diplomas.

For each class attended, when taken singly . . . . .	\$ 30 00
Payable by those taking the regular prescribed curriculum, each year . . . . .	150 00
Students departing from the prescribed curriculum will be charged for each class singly; but the maximum charge for three years shall be . . . . .	600 00
For each Supplementary examination . . . . .	5 00
For LL. B. diploma (payable before the Third Year or final examinations, and returnable in case of failure) . . . . .	10 00
Additional for degree conferred <i>in absentia</i> . . . . .	5 00

A class taken a second time is charged for as if taken for the first time.

See pages 19 and 20 for

**Fee for Support of Student Organizations.**

**Caution Deposit.**

**Students Loan Fund.**



**COURSES OF INSTRUCTION.**

**First Year.**

**Contracts I.**

Lecturer .....

*Five lectures per week, first term.*

This course includes a study of the general principles of the law of contract.

Text Books: Williston's Cases: Anson on Contracts.

**Contracts II.**

Lecturer .....

*Five lectures per week, second term.*

In this course the study of the general principles of contract law will be continued. The law governing the measure of damages, the Factors Acts, and the law governing the sale of goods will also be studied.

Text Books: Benjamin on Sales: Mayne, Damages.

**History of English Law.**

Lecturer ..... J. W. Godfrey.

*Two lectures per week, both terms.*

This course includes a study of the development of the English law from the Anglo-Saxon period to modern lines.

Text Books: Pollock and Maitland: *History of English Law.* Maitland: *Forms of Action.* Maitland and Montague: *Sketch of English Legal History.* Jenks: *Short History of English Law.* Holdsworth: *History of English Law.*

**Property I.**

Lecturer ..... J. E. Read.

*Three lectures per week, both terms.*

General principles of the law of Personal Property. Possession of lands and chattels. Elementary principles of the law of Real Property.

Text Books: Warren: *Cases on Property.* Kirchwey: *Readings in the Law of Real Property.*

**Crimes.**

Lecturers ..... A. L. Macdonald, I. C. Doty.

*Two lectures per week, both terms.*

This course includes a study of the substantive law of Crimes and also Criminal Procedure.

Text Book: Tremear, *Canadian Criminal Code*, Annotated.

**Torts.**

Lecturer . . . . . A. L. Macdonald.

*Three lectures per week, both terms.*

This course includes a study of the whole field of Torts.

Text Books: Kenny: *Cases on the Law of Torts*. Salmond: *Torts*. Pollock: *Torts*.

**Second Year.****Property II.**

Lecturers . . . . . J. E. Read.

*Three lectures per week, both terms.*

This course will include a study of Real Property, the Wills Act, Drafting and Interpretation of Wills, Law of Landlord and Tenant, and Conveyancing.

**Procedure I.**

Lecturer . . . . . J. E. Read.

*Two lectures per week, first term; three lectures per week, second term.*

The course includes a study of the Judicature Act and Rules and also a conduct by the students of Proceedings in the Practice Court. The work is conducted under the supervision of the lecturer.

Text Book: *Nova Scotia Judicature Act and Rules*.

**Bills and Notes.**

Lecturer . . . . .

*Three lectures per week, first term.*

This course includes a study of the Bills of Exchange Act, and of the general principles of the law governing Negotiable Instruments.

Text Books: Russell on *Bills*. Falconbridge on *Banking and Bills of Exchange*.

**Agency.**

Lecturer . . . . . V. C. Macdonald.

*Three lectures per week, first term.*

This course includes a study of the principles of the law of Agency, including Master and Servant.

Text Book: Bowstead: *Agency*.

**Bankruptcy.**

Lecturer . . . . . R. F. Yeoman.

*Two lectures per week, first term.*

The course is based upon the Bankruptcy Act and recent decisions of the Courts.

Text Book: *The Bankruptcy Act*.

**Corporations and Partnership.**

Lecturer . . . . . A. L. Macdonald.

*Five lectures per week, second term.*

The course includes a general survey of the leading principles of Company Law and Partnership, and also a study of the Dominion and Provincial Acts.

Text Book: Palmer: *Company Law*.

**Equity I.**

Lecturer.....

Five lectures per week, second term. (1925-1926).

Specific performance. Injunctions.

Text Books: Maitland: *Lectures on Equity*. Ames: *Cases in Equity Jurisdiction*. Fry: *Specific Performance*. Kerr: *Injunctions*.

**Insurance.**

Lecturers.....W. E. Thompson, F. H. M. Jones,

Two lectures per week, second term.

The course includes a study of the law governing the different types of insurance.

**Third Year.**

**Evidence.**

Lecturer.....G. H. Fielding.

Two lectures per week, both terms.

The course includes a study of the law of Evidence generally and of the Dominion and Provincial legislation.

Text Books: Phipson on *Evidence*. Cockle: *Cases on Evidence*.

**Constitutional Law.**

Lecturer.....J. E. Read.

Three lectures per week, both terms.

The course includes a general study of the principles of Constitutional Law applicable throughout the Empire, and a detailed study of the British North America Act and the principles peculiar to the Canadian Constitution.

Text Books: Cameron: *Cases*. Clement: *Canadian Constitution*.

**International Law.**

Lecturer.....H. F. Munro

Two lectures per week, both terms.

History of the development of International Law. The Law governing Nations during Peace and War. Neutrality. The Laws of War. International Law during the Great War. International Arbitration. The League of Nations.

Text Book: Stowell and Munro: *International Cases*.

**Procedure II.**

Lecturer.....J. E. Read.

Three lectures per week, both terms.

This course is a continuation of Procedure I. Instruction will also be given by special lecturers on Legal Ethics, Divorce Practice and Crown Rules.

**Practical Statutes and Rules of Interpretation.**

Lecturer.....M. B. Archibald.

*Two lectures per week, first term.*

The course includes a study of the principles of Interpretation and also a study of some of the more important Provincial Statute Law.

Text Book: Maxwell: *Statutes*.

**Shipping.**

Lecturer.....C. J. Burchell.

*One lecture per week, both terms.*

The course includes a study of the law of Shipping and of Admiralty Practice.

Text Books: McLachlan: *Shipping*. Mayers: *Admiralty Law and Practice*. Marsden: *Collisions at Sea*. Lowndes: *General Average*.

**Conflict of Laws.**

Lecturer.....A. L. Macdonald.

*Five lectures per week, first term.*

The course includes a study of the leading principles of Private International Law.

Text Book: Dicey: *Conflict of Laws*.

**Mortgages and Suretyship.**

Lecturer.....T. W. Murphy.

*Two lectures per week, second term.*

The course includes a study of the law governing mortgages and real estate and also the law of suretyship.

**Equity II.**

Lecturer.....

*Five lectures per week, second term. (1926-1927).*

The course includes a study of the law governing trusts and trustees, fraud, misrepresentation and mistake.

Text Book: Scott, *Cases on Trusts*.

# Faculty of Medicine.

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## Preliminary Statement.

In accordance with an agreement entered into in 1911 between the Governors of Dalhousie University and the Corporation of the Halifax Medical College, the work of the latter institution was forthwith discontinued, and instruction in all subjects of the medical curriculum was undertaken by the University.

By an arrangement between Dalhousie University and the Provincial Medical Board of Nova Scotia, the Professional examinations are conducted conjointly by the University and the Board, and hence candidates may qualify at the same time for the academic degree and the licence of the Board.

## Important Notice.

Students who look forward to practising in some other province are reminded that they must conform to the regulations prescribed by the Medical Board or Council of that province. Official information relative to the regulations for licence to practice in the various provinces may be obtained from the Registrars of the Provincial Medical Boards or Councils. In as much as some licensing boards require that applicants for the licence to practice must have been registered as medical students for five years before taking their final professional examinations, students are advised to register with the licensing board of the province or state to which they belong on commencing their medical studies. The names and addresses of the Registrars of the Medical Boards for the Maritime Provinces and Newfoundland are as follows:

**Nova Scotia**, Dr. W. H. Hattie, Halifax.

**New Brunswick**, Dr. J. S. Bently, St. John.

**Prince Edward Island**, Dr. Jas. Warburton, Charlottetown.

**Newfoundland**, Dr. T. M. Mitchell, St. John's.

### Privileges.

The General Medical Council of the United Kingdom admits graduates in Medicine of Dalhousie University who have passed the professional examinations conducted jointly by the University and the Provincial Medical Board, and have been licensed by the Board, to registration in the Colonial List of the British Medical Register. This confers precisely the same privileges as registration on the British List, viz., the right to obtain, without further examination, the licence to practise medicine in practically any part of the British Empire and also in Italy and Japan, and, further, admission to the army and other medical services. Graduates of Dalhousie University are accordingly eligible for nomination under the following Militia Order:

"The Imperial Army Council has intimated that two commissions in the Royal Army Medical Corps will be granted annually to candidates who have qualified in the Medical Schools of Canada."

For information relative to registration in the Colonial List of the British Register application should be made to the Registrar of the Provincial Medical Board of Nova Scotia. Information with regard to the Army Commission will be furnished on application to the Militia Headquarters of the nearest Command or District.

### Equipment and Facilities for Teaching.

The laboratories of physics and chemistry, on the Studley site, are used for the practical instruction of medical students in these subjects, and are thoroughly modern in design and equipment. A description of these laboratories will be found in the earlier pages of this calendar.

The laboratories of biology, histology and anatomy are situated in the Forrest Building, where the greater part of the didactic teaching is carried on. The equipment of the biological laboratory was recently largely increased through the liberality of Sir James H. Dunn, of London. The completion of the new Medi-

cal Sciences Building has provided room in the Forrest Building for extension of the laboratories of anatomy, biology and histology and for more museum space for these branches of the curriculum. The department of anatomy is well supplied with models, sections, etc., and lends disarticulate bones to students, for home study, free of charge. A very satisfactory Anatomy Act assures abundant material for dissection and operative surgery.

The laboratories of pathology, bacteriology and public health, of the Victoria General Hospital, were designed to provide for teaching and research in these subjects and made available to this University. The building which accommodates these laboratories has recently been greatly enlarged and provides superior facilities for the practical instruction of students.

The laboratories for physiology, bio-chemistry, pharmacology and pharmacy are located in a new building adjoining the Forrest Building. These laboratories, which were carefully designed to meet the requirements of modern teaching, are commodious, well lighted, and very completely equipped. Generous provision has been made for research work, and special attention has been given to the comfort and convenience of the students both in the laboratories and in the two large lectures rooms and a demonstration room which are included in the building.

The opportunities for clinical teaching are exceptionally good, owing to the fact that the Victoria General Hospital, the Children's Hospital, the Tuberculosis Hospital, the Grace Maternity Hospital, and the City Home are all grouped about the Medical College. The University has recently erected a new building, known as the Dalhousie Public Health Clinic which was planned to serve as an out-patient department to these various institutions, and in which the work of the Halifax Visiting Dispensary will henceforth be carried on. Here, too, the work of various agencies which are concerned with the promotion of public health is centred. This building not only materially increases the students' opportunities for clinical study of the commoner illnesses, but provides facilities for demonstrating the bearings of social and home conditions upon health.

Students are admitted to all the hospitals mentioned upon terms which are unusually favourable for clinical teaching. The Victoria General Hospital, with 250 beds, affords admirable opportunities for the observation and study of the more acute and serious forms of disease, and maintains a very active surgical service. In its special wards, diseases of women and children, skin diseases and diseases of the eye, ear, nose and throat are studied clinically. The X-ray department of the Hospital is very complete, and excellent laboratory facilities are provided for the investigation of special clinical problems. The Children's Hospital (55 beds), the Tuberculosis Hospital (60 beds), and the Grace Maternity Hospital (70 beds), are all admirably equipped, and the advantages they offer for clinical instruction are made fully available to the University.

Opportunity for the study of the more chronic diseases is provided in the hospital wards of the City Home.

Clinical instruction in mental disorders is given at the Nova Scotia Hospital, Dartmouth, which accommodates 480 patients, and which offers to students the privilege of studying any type of disease which may be under treatment in the institution.

Arrangements have been made for instruction of students in problems of nutrition at the Halifax Infants' Home.

#### **Public Health Nursing.**

In March, 1920, the University initiated a Course in Public Health Nursing for graduate nurses. It is intended to continue it from year to year. A circular giving details of the Course can be had on application to the University Office.

#### **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 pp. 17 *et seq.*



Medical students must further observe the regulations of the hospitals relative to students and student internes, and any violation of such regulations will be dealt with in the same way as if a University regulation were violated.

The 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, either educationally or ethically, as would warrant his admission to the practice of medicine. Fees cannot be refunded to students who have been dismissed for any cause.

### **Academic Year.**

The Academic Year consists of one session of eight months' duration. The session of 1925-26 will begin on Monday, Sept. 7th, 1925, and end on Tuesday, May 11th, 1926, except for students of the first year, in whose case the session will begin on September 28th and end on May 11th. The last dates for registration are respectively Saturday, September 12th, at noon and Saturday, October 3rd, at noon.

### **Degrees.**

Two medical degrees are conferred, viz., Doctor of Medicine (M. D.) and Master of Surgery (C. M.); but neither degree is conferred on any person who does not at the same time obtain the other.

### **Admission and Grading.**

All persons who have satisfied the Entrance Requirements (p. 15) in Medicine are admitted to the full work of the first year.

For admission to the second or any subsequent year an undergraduate must have passed the examinations required in all subjects of the preceding years. The number admitted in any one year will be limited by the extent of the Hospital facilities of the clinical years. Students who fail in the spring examinations may come up for supplementary examinations in the autumn under the following conditions:

(a) In the case of students of the first and final years, supplementary examinations will not be allowed in more than two subjects.

(b) In the case of students of other years, the number of subjects in which supplementary examinations will be allowed will at no time exceed three.

(c) In the case of students of all years, those who fail to pass in all of the subjects of their year at the spring examinations, or to pass at the next ensuing supplementary examination all subjects in which they may have been allowed examination, must repeat attendance on all the courses of the year before again coming up for examination.

Subject to the University regulations for the admission of students, a Special student may be admitted to classes in this Faculty, but his attendance is not recognized as qualifying for a degree.

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

No person under sixteen years of age is admitted to any class.

#### Entrance Requirements.

Full details of the requirements for Entrance will be found on pp. 11-16.

#### \*Curriculum.

The course for the degrees of Doctor of Medicine and Master of Surgery now extends over six years. Detailed information regarding the classes included in it will be found under "Courses of Instruction," pp. 116 *et seq.*

*First Year.* Physics 1, Chemistry 1A, Biology 1A, English 1A, History 1A.

*Second Year.* Physics 20, Chemistry 2A and 4, Anatomy 1 and Practical Anatomy 1, Histology, Embryology, History 2A.

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\*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 Faculty does not hold itself bound to adhere absolutely to the curriculum and conditions now laid down.

*Third Year.* Anatomy 2 and Practical Anatomy 2, Physiology 1, 3, Biochemistry 1, Bacteriology 1, 2, Practical Materia Medica, Introduction to Clinical Medicine and Surgery.

*Fourth Year.* Physiology, Biochemistry and Pathological Chemistry, Pharmacology, Pathology, Psychology, Medicine and Clinical Medicine, Surgery and Clinical Surgery.

*Fifth Year.* Pathology (Morbid Anatomy), Laboratory Diagnosis, Therapeutics, Medical Jurisprudence and Toxicology, Abnormal Psychology and Psychiatry, Obstetrics, Gynaecology and Clinical Gynaecology, Medicine and Clinical Medicine, Surgery and Clinical Surgery, Autopsies.

*Sixth Year.* Surgical Anatomy, Operative Surgery, Paediatrics, Hygiene, Ophthalmology and Otology, etc., Clinical Medicine, Clinical Surgery, Clinical Obstetrics, Vaccination, Clinico-pathological conferences, Autopsies, History of Medicine, and Medical Ethics.

### Regulations for Degrees.

In addition to the Matriculation and Entrance examinations, candidates for degrees are required to pass six Professional examinations. The requirements in each subject are covered by the work of the class or classes in that subject specified under "Courses of Instruction" (pp. 116, *et seq.*). In all examinations the marks obtained at sessional tests and at Christmas examinations will be considered in computing the marks allowed in each subject at the spring professional examinations. The examinations in the various subjects will be held within the dates set in the University Almanac, and as posted on the Notice Boards, and are arranged as follows:

#### First Professional Examination.

One paper in each of the following subjects: Physics, Chemistry, Biology, English, History 1 A.

#### Second Professional Examination.

One paper in each of the following subjects: Physics, Anatomy, Histology, Embryology, History 2A; one

paper and a practical examination in Anatomy and in each of Chemistry 2A and 4; oral examinations during the session in Anatomy, Histology and Embryology.

**Third Professional Examination.**

One paper and an oral examination in each of the following subjects: Anatomy, Bacteriology, Practical Materia Medica; one paper and an oral and practical examination in each of the following: Physiology, Bio-Chemistry.

**Fourth Professional Examination.**

A paper and an oral examination in each of the following: Pathology 1, Physiology 2, and Pharmacology; a paper and an oral and practical examination in Bio-Chemistry; a practical examination in Pathology 2; a paper in each of the following: Surgery, Medicine; a practical examination in Laboratory Diagnosis.

**Fifth Professional Examination.**

One paper in each of the following subjects: Surgery, Medicine, Obstetrics and Gynaecology, Medical Jurisprudence and Toxicology, Therapeutics, Abnormal Psychology and Psychiatry.

**Sixth or Final Professional Examination.**

One paper and an oral examination in each of the following subjects: Surgery in all departments and including Surgical Anatomy; Medicine in all departments and including Therapeutics; Obstetrics and Diseases of Women and Children; Hygiene. Also a practical clinical examination in Surgery and in Medicine.

**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 40 per cent. in all subjects of the first two years except Anatomy, Histology and Embryology, in which and in all other subjects a minimum of 50 per cent. is required.

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; the Distinctions 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. 15).
2. They must have attended the prescribed classes regularly and punctually. Certificates indicating less than 90 per cent. of attendance upon any class will not in ordinary circumstances be accepted.
3. They must have prepared such exercises, reports, etc., as may have been prescribed, and, in the case of classes involving laboratory or practical work, they must have completed such work satisfactorily.
4. For admission to the examinations of the second or any higher year they must have passed the examinations of all previous years.
5. Candidates for the Final Professional examination will be required to subscribe to the following declaration with regard to their age:

Halifax.....19...

I, the undersigned, being desirous of obtaining the Degrees of Doctor of Medicine and Master of Surgery do hereby declare that I have attained the age of twenty-one years (or, if the case be otherwise, that I shall have attained the age of twenty-one before the next graduation day).

(Signed).....

They must also present satisfactory certificates of having fulfilled the following requirements:—

- i. Attendance (a) during at least two periods of eight months each on the practice of the Victoria General Hospital; (b) during at least one period of eight months on the practice of the Dalhousie Health Cen-

tre; (c) on at least ten maternity cases at Grace Maternity Hospital; (d) on the post-mortem examinations conducted at the Victoria General Hospital over a period of at least six months, during which instruction shall have been received in the methods of making such examinations and in framing reports; (e) on a course in operative surgery, during which operations shall have been performed on the cadaver to the satisfaction of the demonstrator.

ii. Service for at least eight months, in the Victoria General Hospital, as (a) clinical clerk in the medical wards; (b) dresser in the surgical wards; and of having submitted complete histories in fifteen medical and fifteen surgical cases.

iii. Received instruction and attained proficiency in (a) administration of anaesthetics; (b) practice of vaccination.

### Supplementary Examinations.

1. The conditions under which supplementary examinations are allowed are set forth under "Admission and Grading" (p.107).

2. Supplementary examinations are held in the autumn on the dates specified in the University Almanac, and during the regular Professional examinations in the spring, but at no other times.

3. Application for admission to a Supplementary examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the University Office and must be accompanied by the proper fee (p.115).

### Exemptions.

Candidates may be exempted from *attendance* on one or more subjects of the first five years of the medical curriculum on presenting certificates,

(a) of having passed the Entrance requirements or equivalent examinations after the completion of their sixteenth year, and before entering the

classes of the first year of the medical course;  
and

- (b) of having attended and performed at any medical school or college recognized by the Senate the equivalent of the work required at this University.

Candidates may be exempted from *examination* in one or more subjects of the first five Professional examinations on presenting in addition to the certificates specified under (a) and (b) above, certificates of having passed equivalent examinations at any medical school or college recognized by the Senate for the purpose.

### Sponsio Academica.

Before admission to his degree, a candidate shall be required to sign the following oath or affirmation:—

In facultate Medicinae Universitatis Dalhousianae.

Ego, Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo:—me in omni grati animi officio erga Universitatem Dalhousianam ad extremum vitae halitum, perseveraturum. Tum porro Artem Medicam caute, caste, probeque exercitaturum et quoad poterō, omnia ad aegrotorum corporum salutem conducentia, cum fide procuraturum. Quae denique, inter medendum visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita praesens mihi spondenti adsit Numen.

### Medals and Prizes.

**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. Clara Olding Prize.**—This prize, of the value of \$40, the interest of an endowment of \$1,000, 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 fifth year, character and previous scholarship being taken into consideration.

**The Dr. Lindsay Prize.**—A prize of books will be awarded to the student who stands first among those taking the fourth Professional examination, provided he

shall have obtained Distinction in at least two of the subjects of examination.

**Professor Cameron's Prize.**—A prize of books will be awarded to the student of the second year who makes the highest marks in the Anatomy class.

### 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	\$3 00
Payable by students taking more than one class . . . . .	5 00
Additional, payable by all students registering after 12 noon on last regular registration day for each day . . . . .	2 00

#### For Tuition

##### Payable by Students Taking Individual Classes.

Practical Anatomy, each year . . . . .	\$50 00
All other classes, each . . . . .	40 00
Admission to Victoria General Hospital, Pathological Laboratory, Children's Hospital, Maternity Hospital, Health Centre, each . . . . .	5 00

The fees payable for attendance upon classes a second time shall be in accordance with the above schedule, but the total tuition fee for such classes shall in no case exceed one hundred and twenty-five dollars, exclusive of fees for admission to hospitals, etc.

The amount payable by a candidate for a degree who may be completing his course by attendance of only one year at Dalhousie University, shall be in accordance with the above schedule, provided that the amount so payable be in no case less than two hundred dollars.

##### Inclusive Fee Payable by Students Taking the Regular Classes of Any Year of the Curriculum.

For the first year . . . . .	\$132 00
For each year after the first . . . . .	\$200 00

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



This includes registration, tuition, hospitals, laboratory and the regular sessional examinations. Students taking the affiliated course in Arts or Science and Medicine will pay the fees for courses as in Arts during the first three years and the full rate of \$200.00 for the fourth year. That is, all students affiliated in Arts or Science and Medicine will pay the full medical fees for five years of their medical course.

#### For Examinations.

*An application for an examination must be accompanied by the proper fee.*

Individual subjects of medical examination, each subject . . . . .	\$ 5 00
Supplementary examinations, each subject . . . . .	10 00

#### For Certificates and Diplomas.

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

Certificate under the University seal . . . . .	1 00
For M. D., C. M. Diploma (payable before the final examination and returnable in case of failure) . . . . .	10 00
Diploma, payable by those attending less than 4 years . . . . .	30 00
Diploma, extra when conferred <i>in absentia</i> . . . . .	5 00

See pages 19 and 20 for

**Caution Deposit.**

**Laboratory Deposits.**

**Fee for Support of Student Organizations.**

**Students' Loan Fund.**

## COURSES OF INSTRUCTION.

## I. English.

*Associate Professor*.....C. L. Bennet.

- 1A. **Composition and Literature.**—*Monday, Wednesday and Friday, 2.30-3.30 p. m.*

## II. History.

*Professor*.....A. Stanley Walker.

- 1A. **History of Thought.**—*Monday and Wednesday, 3.30-4.30 p. m.*

An outline history of civilisation from the Stone Age to modern times. A lecture course, in the main, but illustrated with set collateral reading and exercises.

- 2A. **Influence of Science on Civilization.**—*Monday and Wednesday, 11-12 a. m.*

A course of lectures given by individual professors to second year medical students.

## III. Physics.

1. **General Physics.**—*Monday, Wednesday and Friday, 10-11 a. m. Laboratory: Monday or Wednesday, 11-1.*

As under Faculty of Arts and Science.

20. **Light, Sound, X-Radiation and Radio-Activity.**—*Lectures: Monday and Wednesday, 9-10 a. m. Laboratory: Tuesday or Thursday, 9-12 a. m.*

As under Faculty of Arts and Science.

## IV. Chemistry.

- 1A. **General Chemistry.**—*Lectures: Monday, Wednesday and Friday, 9-10 a. m. Laboratory: Tuesday and Thursday, 2.30-5 p. m.*

As under Faculty of Arts and Science.

- 2A. **Advanced Inorganic Chemistry and Qualitative Analysis.**—*Lecture: Saturday, 9-10 a. m. Laboratory: Tuesday or Thursday, 9-12 a. m.*

Pre-requisite.—Chemistry 1A.

Laboratory: The detection of the more common basic and acidic ions and the analysis of simple unknown substances.

Books Recommended: McPherson and Henderson: *A Course in General Chemistry*. Smith and Kendall: *Inorganic Chemistry*. Talbot and Blanchard: *Electrolytic Dissociation Theory*. Perkin: *Qualitative Chemical Analysis*.

4. **Organic Chemistry.**—Lectures: *Monday and Wednesday, 10-11 a. m. Laboratory: Saturday, 10-1 p. m.*

As under Faculty of Arts and Science.

### V. Biology.

- Biology 1A.**—Lectures: *Tuesday, Thursday and Saturday, 9-10 a. m., Laboratory, Tuesday, Thursday and Saturday, 10-12 a. m.*

Pre-requisite.—Matriculation Physics or Chemistry.

This class, similar in scope to Biology 1 (p. 82), treats of materials and methods especially important for students proceeding to Medicine or Dentistry, the comparative anatomical viewpoint being emphasized. A complete dissection of the cat is included.

Text Books: Parker and Parker: *Practical Zoology*. Davidson: *Mammalian Anatomy*, with special reference to the Cat (4th edit.). Ganong: *Textbook of Botany*.

### VI. Anatomy.

Professor.....John Cameron.  
Senior Demonstrator.....  
Demonstrators..W. Alan Curry, G. W. Grant, Victor O. Mader.

#### Anatomy Lectures.

1. **Osteology and Arthrology.**—*Monday and Wednesday, 12-1 p. m.*

This course is intended for second year students. The entire skeleton with the exception of the cranial bones will be carefully studied, the bones and joints being examined in detail. All the ordinary bones of the skeleton are supplied to students, both in the Practical Anatomy Room, and for study at home, on their making a deposit of the proper fee.

2. **Regional Anatomy.**—*Friday 12-1 p. m., and Tuesday and Thursday, 2.30-3.30 p. m.*

This part of the course will be given during the third year and will be devoted to the consideration of the cranial bones and of the Regional Anatomy of the body. Lectures will be illustrated by fresh dissections, plates, diagrams and models.

Text Books: Cameron: *Regional Anatomy*. Cameron: *Osteology & Arthrology*.

3. **Surgical Anatomy.**—*Friday, 4-5 p. m.*

This course, to be taken by students of the final year, will consist of additional lectures and demonstrations on those portions of anatomy which are essential for the understanding of practical medicine and surgery, and is therefore intended for students who are engaged in clinical work.

#### Practical Anatomy.

Special attention will be given to this branch. The dissecting room will be open daily, except Saturday, and will be under the

direct supervision of the Professor of Anatomy, assisted by the Demonstrators, one or other of whom, in addition to the Professor, will be present during the hours while the class is in session every day, so that each student will be frequently examined and assisted during the progress of his dissections.

The course extends over two years, during which the student is required to have dissected each "part" at least once. Dental students must dissect the head and neck and one other part in each year.

A Tutorial Class in Osteology, for medical students of the second year, is held once a week.

#### Histology and Embryology.

Associate Professor ..... Raymond J. Bean  
Assistant ..... Margaret E. MacKay.

**Embryology**—Monday, 2.30-5.30 p. m.; Friday, 9-10 a. m.

This course is intended primarily for medical students of the second 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 the intensive study of slides. The materials used include the frog, chick, rabbit, pig, and human.

A close relationship is maintained between embryology and histology, and the laboratory work in embryology will occasionally be extended so as to include a portion of the time allotted to the course in histology.

Organogenesis, the physiology of the embryo, and factors which underlie growth and differentiation are the particular aims of this course.

Dental students will be given special instruction on the growth and development of the teeth.

**Histology**.—Tuesday and Thursday, 2.30-5.30 p. m.

This course consists essentially of laboratory work and is intended to meet the requirements of medical students of the second year. It deals with the minute structure of the tissues and organs of the human body, their development and primary functions.

Students will be carefully trained in the principles of tissue differentiation, and frequent tests involving the identification of unknown slides and fresh preparations will constitute an important part of the work.

Dental students will be provided with both dried preparations and sections of decalcified teeth *in situ*, and will receive special instruction upon the microscopic structure of the teeth.

**VII. Physiology.**

Professor..... Boris Babkin.  
 Assistant..... N. B. Dreyer.

1. *Wednesday, Friday and Saturday, 9-10 a. m.*

This course, which consists of lectures and demonstrations, is intended for students of the third year. It is to be taken concurrently with Physiology 3.

2. *Monday and Thursday, 3-4 p. m.*

This is a more advanced course of lectures and demonstrations, supplemented by experimental evidence, for students of the fourth year.

3. **Practical Experimental Physiology.**—*Wednesday, 2.30-5.30 p. m.*

In this course the student will observe physiological phenomena for himself and obtain records of these whenever possible.

4. **Practical Experimental Physiology.** *Tuesday, 2.30-5.30 p. m.*

This is an advanced practical course, consisting of demonstrations, alternating with laboratory exercises, to be taken by fourth year students in conjunction with Physiology 2.

Text Book: Halliburton: *Handbook of Physiology*. Alternatives: Macleod: *Physiology and Biochemistry in Modern Medicine*. Howell: *Text Book of Physiology*. Starling: *Principles of Human Physiology*.

For Practical Classes: Cathcart, Paton and Pembrey: *Practical Physiology*, Part I. Alternative: Anrep and Harris: *Practical Physiology*.

**VIII. Bio-Chemistry.**

Professor..... E. Gordon Young.

1. **Lectures.**—*Wednesday, 11-12 a. m. Laboratory: Monday, 9-12 a. m.*

A course of lectures, conferences and laboratory work given to students of the third year inclusive of the chemistry of the carbohydrates, fats, proteins and related substances.

2. **Lectures.**—*Monday, 12-1 p. m. Laboratory: Saturday, 9-12 a. m.*

A course of lectures and laboratory work given to students of the fourth year in the biochemistry of nutrition, digestion, metabolism and excretion in physiological and pathological aspects.

Text Book: Hawk: *Practical Physiological Chemistry*. Reference Books: Mathews: *Physiological Chemistry*. Von Furth: *Chemistry of Metabolism* Wells: *Chemical Pathology*.

3. **Laboratory Diagnosis.**—*Friday, 4-6 p. m.*

A course of lectures and laboratory work in the examination of sputum, stomach contents, faeces, blood, urine, exudates and transudates, with particular emphasis upon the practical aspect with reference to diagnosis.

Each student will be required to provide himself with a haemocytometer.

### IX. Pathology, Bacteriology and Parasitology.

<i>Professor</i> .....	Albert G. Nicholls.
<i>Assistant Professor</i> .....	Donald J. MacKenzie.
<i>Demonstrator in Bacteriology</i> .....	J. N. Lyons.
<i>Demonstrator in Pathology</i> .....	Gerald W. Grant.

#### Pathology.

#### 1. Lectures.—General Pathology.—*Monday and Wednesday, 11 a. m.*

A course of lectures to fourth year students during the First and Second Terms, dealing with the general principles of Pathology, in which the following subjects will be considered; the morphology, physiology and chemistry of the cell; the causes of disease; the morbid processes; the tissue changes; reaction and adaptation. neoplasia; blood and circulation. A written test is held at the end of the first term. The oral examination will be held on the completion of the course, the final written examination in the spring.

#### 2. Laboratory Work. Morbid Histology.—*Monday and Wednesday, 9-11 a. m.*

A course during the First and Second Terms given to students of the fourth year. The lesions affecting the various organs will be taken up systematically, and instruction will be given in the cutting, staining and mounting of histological preparations. A representative series of microscopical preparations will be lent to each student for purposes of study, after the mechanical technique shall have been mastered. The student will be expected to make drawings of his sections. A practical examination will be held in the spring.

#### 3. Morbid Anatomy and Post Mortem Examinations.

Demonstrations to students of the fourth year will be given at suitable times on Morbid Anatomy. Systematic instruction will be given on this important subject to students of the fifth year, two hours weekly.

The students of the fourth, fifth and sixth years are required to attend and assist at all autopsies. They will receive instruction in the proper conduct of the same, and will be expected to prepare and mount all tissues removed at autopsy for purposes of diagnosis and report upon them.

#### 4. Clinico-Pathological Conferences.—*Tuesday, 11 a. m.*

As opportunity arises, conferences will be held in the lecture room of the Victoria General Hospital, conducted by the clinicians and pathologists. Interesting and instructive cases will be presented, special attention being given to the course and development of the disease, the clinical diagnosis, and the final pathological findings. Students of the fifth and sixth years are expected to attend and take part in the discussions.

**Bacteriology.**

1. **Lectures.**—*Tuesday, Thursday and Friday, 11-12 a. m. (First Term). Tuesday and Friday, 11-12 a. m. (Second Term).*

A course of lectures for third year students during the First and Second Terms. The nature of bacteria, their morphology, staining reactions, and mode of growth will be discussed, as well as regular instruction given on their relationship to infective processes. Immunity and immunity reactions will also be considered in a specially planned short course. A written test is conducted at the end of the first term. A written and an oral examination will be held in the spring.

2. **Laboratory Work.**—*Tuesday and Friday, 9-11 a. m. (First Term); Tuesday, 9-11 a. m. (Second Term).*

A course during the First and Second Term for students of the third year, in which will be considered the various culture media, methods of laboratory technique, the mode of growth and specific reactions of the more important bacteria. Particular attention will be given to methods of bacteriological diagnosis as applied to clinical medicine. Students will have an opportunity of making permanent preparations of the various organisms considered for purposes of future study. A short practical course will be provided also in immunology (for medical students only).

**Parasitology.**

About twenty lectures and demonstrations are given during the Second Term at the close of the regular course in Bacteriology to students of the third year in Medicine. This course is elementary and only intended to be a basis for a clearer understanding of the more important diseases due to protozoon and metazoon parasites.

Text Books: Green: *Manual of Pathology*. Mallory: *Pathological Histology*. Jordan: *Text Book of General Bacteriology*. Mackie & McCartney: *Introduction to Practical Bacteriology*. Hutchinson & Rainey: *Clinical Methods*. Karsner & Ecker: *Principles of Immunology*. Chandler: *Animal Parasites*.

**X. Pharmacology.**

*Professor*..... O. S. Gibbs.  
*Lecturer on Materia Medica*..... G. A. Burbidge.

**Pharmacology.**

- Lectures.**—*Monday 10-11 a. m., Wednesday and Friday 3-4 p. m.,*  
**Laboratory.**—*Thursday, 10-12 a. m.*

This course consists of a systematic study of the actions of drugs on animals and man. Attention is chiefly directed to those substances of therapeutic, or general scientific interest. Questions are encouraged, and questioning is practiced largely during the lecture periods.

The more important actions are illustrated by means of experiments and demonstrations, these being carried out especially in the practical class.

During the last months of the session one hour extra is devoted each week to prescription writing, emphasis being laid not only on the pharmacological action, but also on the methods of administering drugs.

Efforts are especially directed in this course to forming a good basis of practical and theoretical knowledge, from which a sound and rational therapeutic use of drugs may be derived.

Text Book: Cushny: *Pharmacology and Therapeutics*. Reference Books: Sollman: *Pharmacology*, also Laboratory Guide. Jackson: *Experimental Pharmacology*. Brit. Pharm. and U. S. P. Martindale and Westcott: *Extra Pharmacopoeia*. A. M. A.: *New and Non-Official Remedies*.

### Practical Materia Medica.

#### 1. Practical.—Saturday, 10—12 a. m.

This course, given in the third year, aims to provide an elementary knowledge of prescriptions and dispensing. The following are discussed: weights and measures; simple pharmaceutical processes; classification and definition of Galenical preparations; nomenclature; composition and doses of a selected list of typical preparations; elementary dispensing procedure; pharmaceutical classification of medicinal principles of plants; common chemical and pharmaceutical incompatibilities. Frequent practice is given in copying and reading prescriptions. So far as possible, instruction is imparted by means of practical laboratory exercises.

Text Book: *M. C. P. Junior Pharmacy Notes*.  
Reference Books: Scoville: *Art of Compounding*. *British Pharmacopoeia*. *U. S. Pharmacopoeia*. *Canadian Formulary*.

## XI. Surgery.

Professors . . . . . E. V. Hogan (*Head of Department*), John Stewart  
Associate Professors . . . . . J. G. MacDougall, Philip Weatherbe.  
Lecturer . . . . . W. Alan Curry..

### Lecture Courses.

1. A course of lectures, two hours per week, on the general principles of Surgery, to be given during the fourth year.
2. A course of lectures, two hours per week, on Regional Surgery, to be given during the fifth year.

Text Books: Rose and Carless, Thomson and Miles. For Reference: American System, Wharton and Curtiss.

### Operative Surgery.

3. This course, conducted by Dr. Weatherbe, will be given in the final year. While descriptive instruction will be given by the teacher, students themselves, under supervision, will be required to perform operations on the cadaver.

Text Books: Treves, Waring, McGrath.



## XII. Clinical Surgery.

*Professors.* . . . E. V. Hogan (*Head of Department*), H. K. MacDonald.  
*Associate Professors.* . . . . . J. G. MacDougall, G. H. Murphy.  
*Lecturers.* . . . . . Frank G. Mack, W. Alan Curry.  
*Demonstrators.* . . . L. Thomas, J. F. Lessel, W. L. Muir, P. Weatherbe, M. G. Burris, V. L. Miller, D. J. MacDonald, J. N. Lyons, T. B. Acker, P. D. MacLarren.

**Clinical Surgery.**—In addition to lectures on cases at the Hospitals and Health Centre, students of the fifth and sixth years are individually trained at the bedside in diagnosis and treatment. Students of the fourth year receive clinical lectures three days a week.

**Practical Surgery.**—The application of bandages, splints, and other surgical appliances, the use of instruments and the treatment of emergencies and cases of minor surgery is taught by Dr. Thomas in the fourth year. A course of instruction in the administration of anaesthetics is given by Drs. Lessel and Muir.

## XIII. Medicine.

*Professor.* . . . . . L. M. Silver.  
*Associate Professor.* . . . . . K. A. MacKenzie.  
*Lecturers.* . . . . . S. R. Johnston, J. A. Churchill.

1. A course of lectures and recitations, two hours per week, in which diseases of the digestive, circulatory, respiratory and genito-urinary systems, blood and ductless glands will be discussed, in the fourth year.

2. A course of lectures and recitations, two hours per week, in which infectious and constitutional diseases and those affecting the nervous system will be taken up, in the fifth year.

Text Book: Osler: *Principles and Practice of Medicine*. For Reference: Roberts, Gibson. Osler: *Modern Medicine*. Morris: *Dictionary of Practical Medicine*. Tice: *Practice of Medicine*. Church and Peterson: *Nervous and Mental Diseases*.

## XIV. Clinical Medicine.

*Professor.* . . . . . L. M. Silver.  
*Associate Professor.* . . . . . K. A. MacKenzie.  
*Lecturers,* M. J. Carney, F. G. Mack, S. R. Johnston, T. M. Sieniewicz,  
*Demonstrators.* . . . . J. R. Corston, J. A. Churchill, H. G. Grant.

**Clinical Medicine.**—Clinical lectures and instruction will be given to the students of the last two years at the Hospitals and Health Centre at least three days a week throughout the session. Students will be called upon in rotation to examine cases.

All students before graduation will be required to produce evidence of having served for at least eight months as clinical clerk in the Medical Wards and to submit complete histories of at least fifteen medical cases.

**Practical Medicine.**—Practical instruction in the methods of examining patients will be given to the students of the fourth year, by Dr. Mackenzie, Dr. Johnston and Dr. Sieniewicz. The class

will be divided into convenient groups in order that students may receive individual attention.

Text Book: Butler: *Diagnostics of Internal Medicine*. Alternatives: Page: *Physical Diagnosis*. Jacob: *Atlas Clinical Medicine*. Musser: *Medical Diagnosis*. Hutchinson and Rainey: *Clinical Methods*. Cabot: *Medical Diagnosis*. DaCosta: *Physical Diagnosis*.

### XV. Obstetrics and Gynaecology.

*Associate Professor of Obstetrics and Gynaecology (Head of Department)* . . . . . H. B. Atlee.  
*Associate Professors of Obstetrics* . . . W. B. Almon, E. K. Maclellan.  
*Demonstrators of Practical Obstetrics* . P. A. Macdonald (*Chief of Clinic*), E. K. Maclellan, H. B. Atlee.

**Obstetrics.**—In the fifth year of the course two lectures are given each week. These lectures are illustrated by diagrams, lantern slides and models. Clinical instruction is given at the Grace Maternity Hospital in the examination of patients, diagnosis of pregnancy, prenatal care, etc.

In the final year the student attends the Grace Maternity Hospital and is given an opportunity of seeing all the work in the Hospital, and assisting in the management of cases.

Students who have had sufficient experience at the maternity hospital, and who have shown themselves competent, will be attached in rotation to the "obstetrical unit" for attendance upon obstetrical patients at their homes.

**Gynaecology.**—In the fifth year of the course two lectures are given each week, in which the various conditions are considered in detail and diagnosis and treatment fully discussed. Clinical instruction is given at the Victoria General Hospital, where the students are taught, in groups, in case taking, the examination of patients, the use of instruments and the conduct of operations.

In the final year, clinical instruction in the examination and diagnosis of gynaecological cases is given to small groups of students. Each student is required to act as clinical clerk to the cases assigned him, to be present at any operation required, and to follow the after-treatment. Operations will be performed on stated days, and at these the members of the clinic may be present.

Text Books: Obstetrics: Eden: *Manual of Midwifery*. Gynaecology: Stevens: *Diseases of Women*.

### XVI. Medical Jurisprudence.

*Lecturers* . . . . .  
*Demonstrator* . . . . . Frank V. Woodbury.

This course will embrace a consideration of the procedure to be followed in the identification of the dead, the medico-legal examination of the dead body, the determination of the cause of death, special features associated with death by violence, the medico-legal aspects of pregnancy, delivery, abortion, infanticide, etc.,

medical malpractice; mental capacity in relation to criminal responsibility, contracts and wills; federal and provincial laws which concern the physician; and, generally, matters in which the courts are likely to require medical opinion. The instruction in toxicology will be given by Prof. Gibbs, and the class will be taken in groups for autopsies in medico-legal cases by Dr. Woodbury.

Text Book: *Brend.*

### XVII. Therapeutics.

Lecturer..... J.R. Corston.

This course will consist of two lectures each week in Clinical Therapeutics. The course will include a series of lectures by special lecturers, on electro-therapy, hydro-therapy, climatology, radiology, massage and clinical dietetics.

Text Book: Rudolf: *Medical Treatment of Disease*. Reference Books: Cushny: *Pharmacology and Therapeutics*; Hare: *Practical Therapeutics*.

### XVIII. Hygiene and Public Health.

Professor..... W. H. Hattie.  
Lecturers..... A. C. Jost, H. A. Chisholm.

The course will consist of lectures and demonstrations, two hours a week, designed to give a comprehensive view of the field of hygiene and public health. Particular attention will be given to such matters as the laws governing public health administration, modern methods in preventive medicine, epidemiology, quarantine and disinfection, water supplies, air and ventilation, housing problems, sewage and refuse disposal, food, vital statistics, and various special phases of public health work. Advantage will be taken of the opportunity of studying the operation of plants for water filtration, water chlorination, milk pasteurization, heating and ventilation of public buildings, etc., and the general management of public health clinics.

In addition, a short course of lectures on Military Hygiene will be given, during the second term, by Col. Chisholm. This course will outline the duties of medical officers in the conservation of the health of troops.

Text Books: Parkes and Kenwood: *Hygiene and Public Health*. Lelean: *Sanitation in War*.

### XIX. Skin Diseases.

Lecturer..... Frank G. Mack.

This course will consist of weekly lectures, chiefly clinical, to be given in the wards of the Victoria General Hospital and at the Health Centre to final year students.

Patients will be brought before the class and their condition examined into and demonstrated, and the appropriate treatment prescribed and illustrated.

Text Books: Walker: *Introduction to Dermatology*. Schamberg: *Diseases of the Skin and the Eruptive Fevers*. For Reference: Stelwagon & Gaskill, *Diseases of the Skin*.

## XX. Eye, Ear, Nose and Throat Diseases.

Lecturer..... R. Evatt Mathers.  
Demonstrators. A. R. Cunningham, A. E. Doull, H. W. Kirkpatrick.

Didactic and clinical instruction in these subjects will be given to students of the final year each week during the session, on Wednesdays, at 3 p. m., at the Victoria General Hospital, and at the Children's Hospital. Clinical instruction will also be given at the Health Centre.

Text Books: *Diseases of the Eye*—May. *Diseases of the Nose, Throat and Ear*—Turner.

## XXI. Mental Diseases and Psychiatry.

Professor..... W. H. Hattie.  
Demonstrator..... F. E. Lawlor.

A course of twenty didactic lectures dealing with the principal forms of mental disease will be given to fifth year students, supplemented by clinical instruction by Dr. Lawlor at the Nova Scotia Hospital.

Text Book: Cole: *Mental Diseases*. Alternatives: Stoddart: *Mind and its Disorders*. Craig: *Psychological Medicine*.

### Psychology.

Professor..... Norman J. Symons

This course is designed to afford a clear insight into the newer work in psychology, particularly in its bearing upon medical problems. Only such reference is made to the usual text book teaching as is necessary to elucidate matters brought up for discussion, the aim being to make the course as free from academic consideration and as adaptable to medical practice as is possible. The course is given in the fourth year.

## XXII. Paediatrics.

Lecturer..... M. J. Carney.  
Demonstrator..... G. B. Wiswell.

This course will consist of weekly didactic lectures to students of the final year. In addition, clinical lectures illustrative of disease in children will be given by members of the staffs of the Victoria General Hospital, the Children's Hospital, the Infectious Diseases Hospital, the Infants' Home and the Health Centre, to students of the fourth and fifth years.

Text Book: Dingwall-Fordyce: *Diseases of Children*. For Reference: Still: *Common Diseases and Disorders of Children*. Holt: *Diseases of Infancy and Childhood*. Grulee: *Infant Feeding*; Dennett: *Simplified Infant Feeding*. Myers: *Practical Handbook on Diseases of Children*.

**XXIII. Vaccination.**

The student will receive instruction in this subject at the Health Centre and other institutions. He will be required to perform the operation and note results so as to obtain a certificate of proficiency

**XXIV. Medical History and Medical Ethics.**

A course of approximately twenty lectures will be given by members of the teaching staff. In the course in medical history the endeavour will be made to indicate systematically the influence of current thought upon medical teaching at different times, and the manner in which scientific developments have been correlated to medicine. Three lectures will be devoted to medical ethics.

# 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 prominent practitioners in active dental practice with several years experience in teaching. The Victoria General Hospital is near by, and affords an ample surgical clinic. The new Health Centre rounds out a group of medical, surgical and dental clinics and laboratories, all in close proximity. In it are carried on the school and preschool-age dental clinics under the supervision of full time practitioners and excellent opportunities are thereby afforded for the study of Preventive Dentistry, Anaesthesia, Diagnosis, etc. They are available to medical as well as dental students, thus promoting the closer association of the two professions. Students will also attend the dental clinic of the Halifax Dispensary. 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.

By an arrangement between the University and the Provincial Dental Board of Nova Scotia the Professional examinations are conducted by the examiners of

the Faculty of Dentistry at the University, so that candidates may qualify at the same time for the degree of D. D. S. and for the licence to practise in Nova Scotia.

### Important Notice.

Students are reminded that the Dental degree does not necessarily qualify for admission to practise in any province, each province having its own regulations for admission, to which a candidate must conform. Particulars regarding these regulations in each of the Maritime Provinces and in Newfoundland may be obtained from the Respective Registrars, who are as follows:

For Nova Scotia: Dr. A. W. Faulkner, Halifax, N. S.  
For New Brunswick: Dr. F. A. Godsoe, St. John, N.

B.

For Prince Edward Island: Dr. J. S. Bagnall, Charlottetown, P. E. I.

For Newfoundland: Dr. T. P. Smith, St. John's, Newfoundland.

### Dominion Dental Council.

The Dominion Dental Council of Canada is a central organization under the control of the dental profession of Canada. Its object is to erect and maintain a standard of education and ethics for the dental profession, and to conduct professional examinations and issue Certificates of Qualification which will be accepted without further examination by the provinces.\* These certificates are now accepted in all the provinces except Quebec and British Columbia.

Dental students who comply with the Council's Matriculation or Preliminary education requirements and term of studentship, and who graduate from an accepted Canadian dental college, and pass the examination of the Council, may be registered in any province in Canada without further examination (British Columbia and Quebec excepted). This privilege is enjoyed by the graduates in Dentistry of this University, as its Matriculation regulations meet the require-

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\*For information address Dr. W. D. Cowan, Secretary of the Dominion Dental Council, Regina, Sask.

ments 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 except Quebec, and the States of New York and Massachusetts.

### **General University Regulations.**

University regulations applicable to the students of all Faculties and relating to residence, church attendance, discipline, etc., will be found on page 17.

### **Academic Year.**

The Academic Year consists of one session of eight months duration. The session of 1925-26 will begin on Tuesday, Sept. 8th, 1925, and end on Tuesday, May 11th, 1926, except for students of the first year, in whose case the session will begin on Sept. 28th.

No students will be admitted after noon of Saturday Sept. 12th.

### **Degree.**

The only degree conferred in the Faculty of Dentistry is that of Doctor of Dental Surgery (D. D. S.).

### **Admission of Students.**

A student will not be admitted to the classes of the second or any higher year, unless he has passed in all the subjects of the previous year.

Students intending to practise in Nova Scotia must register with the Provincial Dental Board before beginning their course of study.

Students intending to practise in another province of the Dominion or in another country are reminded that they must conform to all the regulations of that province or country.

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

No person under sixteen years of age is admitted to any class.



**Matriculation.**

Full details of the requirements for Matriculation will be found on pp. 10 *et seq.*

**Curriculum.\***

The course for the degree of Doctor of Dental Surgery extends over five years. The course is as follows:

**First Year.**

*Lectures.*—Physics 1, Chemistry 1A, Biology 1A, English 1A, History 1A.

*Laboratory.*—Physics, Chemistry, Biology.

**Second Year.**

*Lectures.*—Physics 20, Chemistry 2A and 4, Anatomy 1, and Practical Anatomy, Histology, Embryology, Dental and Comparative Dental Anatomy, Drawing and Modelling, Prosthetic Dentistry, Preventive Dentistry.

*Laboratory.*—Physics, Chemistry, Anatomy, Histology, Embryology, Dental Anatomy, Drawing and Modelling, Prosthetic Technic.

**Third Year.**

*Lectures.*—Prosthetic Dentistry, Biochemistry 1, Operative Technic, Materia Medica, Anatomy 2, Physiology 1, Bacteriology 1, Preventive Dentistry.

*Laboratory.*—Prosthetic and Operative Dentistry, Preventive Dentistry, Anatomy, Physiology 3, Biochemistry 1, Bacteriology 2.

**Fourth Year**

*Lectures.*—Surgery 1, Oral Surgery and Anaesthetics, Operative and Prosthetic Dentistry, Orthodontia, Preventive Dentistry, Crown and Bridge Work and Ceramics, Hygiene, Radiology, Metallurgy, Pathology 1.

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\*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 Faculty does not hold itself bound to adhere absolutely to the curriculum and conditions now laid down.

*Laboratory.* — Prosthetic Dentistry, Dental Infirmary, Hospital, Crown and Bridge Work and Ceramics, Orthodontia, Pathology 2.

**Fifth Year.**

Lectures: Operative Dentistry, Prosthetic Dentistry, Oral Surgery, History, Ethics and Jurisprudence, Crown and Bridge Work and Ceramics, Preventive Dentistry, Orthodontia, Metallurgy.

Laboratory: Prosthetic and Operative Dentistry, Preventive Dentistry, Infirmary Hospital, Crown and Bridge Work and Ceramics, Orthodontia, Metallurgy, Pathology and Clinical Dentistry.

**Regulations for Degrees.**

In addition to the Matriculation or Preliminary examination, candidates for degrees are required to pass five 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: Physics, Chemistry, Biology, English and History of Thought.

**Second Professional Examination.**

One paper in each of the following subjects: Physics, Embryology, Dental and Comparative Dental Anatomy, Prosthetic Dentistry, Preventive Dentistry; one paper and a practical examination in Chemistry 2A, Chemistry 4, Histology, and Drawing and Modelling; oral examinations during the session in Anatomy.

**Third Professional Examination.**

One paper in each of the following: Prosthetic Dentistry, Operative Dentistry, Materia Medica and Preventive Dentistry, and one paper and an oral examination in Anatomy and in Bacteriology, one paper and an oral and a practical examination in Biochemistry and Physiology.

**Fourth Professional Examination.**

One paper in History, Ethics and Jurisprudence, one in Radiology and one in Metallurgy; one paper and an oral examination in each of the following: (a) Surgery and Anaesthetics, (b) Operative Dentistry, (c) Pros-

thetic Dentistry, (d) Orthodontia, (e) Crown and Bridge Work and Ceramics and Hygiene.

**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 40 per cent. in English, History, Chemistry, Physics and Biology; in all other subjects a minimum of 50 per cent. is required.

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; the Distinctions 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.

3. Candidates for the Final Professional examination will be required to subscribe to the following declaration with regard to their age:

Halifax, N. S. .... 192....

I, the undersigned, being desirous of obtaining the Degree of Doctor of Dental Surgery, do hereby declare that I have attained the age of twenty-one years (or, if the case be otherwise, that I shall have attained the age of twenty-one years before the next graduation day).

(Signed).....

### **Supplementary Examinations.**

A candidate who has failed to pass in not more than two subjects of the Professional examination of any year shall be entitled to Supplementary examinations in such subjects, provided he is qualified in attendance and class work for admission to examination.

A candidate who has failed to pass in more than two subjects of any Professional examination shall be required to repeat his attendance and class work in all the subjects of the year.

Supplementary examinations are held on the dates specified in the University Almanac, in September and during the regular Professional examinations in the spring, but at no other times.

Application for admission to a Supplementary examination must be made on or before the date set in the University Almanac for receiving applications, on a form to be obtained from the University Office, and must be accompanied by the proper fee. (See p. 136).

### **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 work in both Laboratory and Infirmary. Students entering the second year class 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.

**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 on the whole four years of his course.

**The Charles Bell and E. A. Bell Prizes.**—Books to the value of \$25 to be divided between the two students who make the best two general averages in all subjects of the Second Professional examination, offered by Mr. Charles Bell; similar prizes in the case of the Third Professional examination offered by Mr. E. A. Bell.

**The Nova Scotia Dental Association 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 Fourth Professional examination.

**Dr. Frank Woodbury Memorial Prize.**—These prizes are awarded students of the graduating 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 students obtaining highest marks in the infirmary.

### 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	\$3 00
Payable by students taking more than one class . . . . .	5 00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day . . . . .	2 00

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

## For Tuition.

Students taking individual classes will be charged according to the schedule shown on page 114, if those classes are common to the Medical curriculum. The charge for purely Dental classes may be had on application.

**Inclusive Fee Payable by Students taking the Regular Classes of any Year of the Curriculum.**

For the first year.....	\$132 00
For each year after the first.....	200 00

This includes registration, tuition, hospital, laboratories and the regular sessional Examinations.

**For Examinations.**

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

Individual subjects of dental examination, each subject..	5 00
Supplementary examination, each subject.....	10 00

**For Certificates and Diplomas.**

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

Certificate under the University seal.....	\$ 1 00
For D. D. S. Diploma (payable before the final examination and returnable in case of failure).....	10 00
Diploma, payable by those attending less than 3 years..	20 00
Diploma, extra when conferred <i>in absentia</i> .....	5 00

See pages 19 and 20 for

**Caution Deposit.**

**Laboratory Deposits.**

**Fee for Support of Student Organizations.**

**Students Loan Fund.**

**COURSES OF INSTRUCTION.**

For the details of classes in—

- English,
  - History,
  - Physics,
  - Chemistry,
  - Biology,
  - Anatomy, and Histology and Embryology,
  - Physiology,
  - Biochemistry,
  - Pathology and Bacteriology
  - Surgery.
- See pp. 116 *et seq.*

**Drawing and Modelling.**

*Lecturer*.....S. G. Ritchie.

This course is not intended to be of the same type as that given to art students. It is elementary but sufficiently comprehensive to form a suitable introduction to several succeeding dental subjects in which artistic principles play an important part. It includes—Elementary free hand drawing, Elementary perspective, The principles and practice of drawing to scale, Simple modelling in clay or plasticine. The study of ideal facial contours of the various types with special attention to the proportions and relative positions of the features in each, particular care being taken with the lower third of the face. Finally the color and texture of the skin, lips, teeth, etc., will be studied from the artistic standpoint so that the harmony existing may be disclosed and analyzed.

**Dental Anatomy, Histology, Embryology and Comparative Dental Anatomy.**

*Lecturer*.....S. G. Ritchie.

**Dental Anatomy, Histology and Embryology.**—This course includes a study of the contents of the buccal cavity from a dental standpoint. The forms of the teeth, the process of calcification, eruption and absorption. Also the histological structure and embryology of the teeth, dental pulp and surrounding tissues.

A practical course in tooth carving and dissection of the natural teeth will be carried on in the laboratory.

Reference Book: Black.

**Comparative Dental Anatomy.**—The lectures and demonstrations in this course are designed to be a study in the classification of dental types and theories of evolution of the dental organ from simple to complex forms.

Reference Book: Tomes.

**Hygiene, Preventive and Clinical Dentistry.**

*Professor*.....G. K. Thomson.

This course consists of a series of lectures and demonstrations, part of which is given in each of the last four years. It is designed to emphasize the more generally accepted theories of the etiology of abnormal oral conditions and to indicate a rational procedure to foster, as far as may be, a condition of immunity in the oral tissues.

Reference Books: A. C. Fones: *Mouth Hygiene*. Stillman & McCall: *Clinical Periodontia*.

**Operative Dentistry.**

*Professor*.....W. H. Beckwith.  
*Lecturer*.....D. G. A. Chudleigh.

The instruction in this subject begins in the third year. It will proceed through the processes involved in Operative Technic to a study of the whole subject of Operative Dentistry. The course will be thoroughly illustrated and demonstrated in the Technic Laboratory and Infirmary.

Students in the last two years will be engaged in Infirmary practice daily under the supervision of experienced demonstrators. The work of the final year is designed to instruct the student in the details of Operative practice.

Text Book: Black.

Reference Books: Ward, Marshall, Johnson, Evangeline Jordan.

**Dental Pathology and Therapeutics.**

*Professor*.....A. W. Cogswell.

The course is designed to provide a proper knowledge of Dental Pathology and Therapeutics. The lectures will be given in the third year, with practical demonstrations in the Infirmary throughout the last two years. The principles of sterilization will be carefully taught.

Reference Books: Engelman & Wagner, Burchard & Inglis.

**Materia Medica.**

*Lecturer*.....K. F. Woodbury.

This course consists of about twenty-five lectures given in the third year. The student is expected to become familiar with the properties, uses and therapeutic effects of the drugs used in dentistry.

Text Books: Buckley, Printz.



**Orthodontia.**

*Professor*.....W. W. Woodbury.

This subject will be presented in a course of lectures and clinical demonstrations during the last two years.

The course of instruction will proceed from a discussion of normal conditions to the various derangements of alignment of the teeth, the abnormalities of the dental arch and consequent deformities of the face, and interference with mastication. The methods and appliances adopted to correct or ameliorate these conditions will be practically applied.

Text Book: McCoy.

Reference Books: Dewey, Pullen (as in Johnson's Operative Dentistry), Lischer.

**Oral Surgery and General Anaesthetics.**

*Professor*.....F. V. Woodbury.

**Surgery.**—A course on Oral Surgery, to be given during the final year, embracing operations which the dental surgeon should be able to perform.

Text Book: Blair,

Reference Books: McCurdy, Thomson & Miles, Ivy.

**Anaesthetics.**—General Anaesthetics will be taught along with Oral Surgery, ample opportunity being given for practical demonstrations.

Text Books: Buxton,

Reference Books: Luke, Struthers.

**Exodontia and Radiology.**

*Lecturer*.....G. R. Hennigar.

**Exodontia.**—A course of lectures weekly during the second term of the third year, including the study of nitrous oxide and oxygen, somnoform, etc., and local anaesthetics.

Text Book: Winter.

Reference Books: Smith, Thoma, Hewitt & Ford.

**Radiology.**—A course of lectures weekly during the first term of the final year, including the study of plates and films from the Infirmary and office patients.

Text Book: Raper, 2nd edition.

Reference Books: McCoy, Thoma.

**Prosthetic Dentistry.**

*Professor*.....S. G. Ritchie.

*Assistant Professor*.....J. S. Bagnall.

*Lecturers*.....G. H. Fluck, C. B. Climo.

This course continues throughout the last four years. The instruction is didactic and practical. The teaching and Laboratory Technic are designed to impart a working knowledge of all that appertains to Dental Prosthesis. Technic will be carried along in

proper sequence, and at the earliest moment students will be required to construct dental appliances of various kinds for patients in the Infirmary.

Reference Books: Prothero, Wilson, Campbell.

### Crown and Bridge Work, and Ceramics.

*Professor*.....W. C. Oxner.  
*Lecturer*.....A. W. Faulkner.

This subject will be presented by lectures, demonstrations and laboratory experiments. It will continue throughout the last two years, with Infirmary practice.

Gold and Porcelain, Crown, Bridge and Inlay Construction, including casting methods, will receive proper attention. The latest types of electric furnace and casting machines are provided for the use of the students. Students who may desire to use their own electrical furnaces will be supplied with electric connections.

Text Book: Goslee.  
Reference Book: *Crown & Bridge*, Evans. *Peeso: Ceramics*. Capon, Hovestad.

### Metallurgy.

*Lecturers*.....C. B. Nickerson, R. H. Woodbury.

A course of lectures and demonstrations in Metallurgy will be given during a part of the final year.

Reference Book: Hodgen, Essig.

### Dental History, Jurisprudence, Ethics & Economics.

*Lecturers*.....H. S. Crosby, C. B. Climo.

**History.**—History and development of Dentistry.

Reference Book: Taylor.

**Ethics.**—A brief statement of the important principles of morals and obligations of professional men to their patients, other practitioners and the public.

Reference Book: Noyes.

**Jurisprudence.**—A discussion of the subject as it affects the qualifications and responsibilities of the Dental Surgeon.

Reference Book: Brothers.

**Economics.**—The student's attention is directed to factors that make for success in dental practice; to a consideration of the rewards of service, and to an appreciation of their values.

Reference Book: Johnson: *Success*.

# Societies.

## THE ALUMNI ASSOCIATION.

(Organized in 1871. Incorporated in 1876).

*President*—F. H. Zwicker; *First Vice-President*—W. W. Woodbury; *Second Vice-President*—E. W. Nichols; *Secretary-Treasurer*—R. E. Inglis; *Executive*—J. S. Bagnall; D. A. Cameron; W. E. Hillis; F. M. Milligan; G. R. Smith, and five others to be appointed. *Auditors*—O. Crowell; J. E. Rutledge.; *Alumni Governor*—Dr. K. A. MacKenzie.

## THE ALUMNAE ASSOCIATION.

(Organized in March 1909. Incorporated in May, 1914).

*Honorary President*—Dr. Eliza Ritchie; *President*—Georgene Faulkner; *First Vice-President*—Mrs. C. W. MacAloney; *Second Vice-President*—Jean Forrest; *Recording Secretary*—Isabel Shaw; *Corresponding Secretary*—Amy MacKean; *Treasurer*—Louise Clayton; *Executive*—Carol McInnes; Mrs. D. S. McIntosh; Lois Creighton; Mrs. H. C. Studd; Mrs. Hugh Geldert; *Auditors*—Juanita O'Connor; Marion Hoben.

## Council of Students of the University.

*President*—A. B. Morton; *Vice-President*—Avis H. Marshall; *Secretary-Treasurer*—J. G. Godsoe; *Executive*—F. W. MacInnis; W. J. McCurdy; J. W. Merritt; *Finance Committee*—H. E. Kelley; G. W. I. Creighton; J. W. Dobson.

## The Sodales Debating Club.

The Sodales Debating Club meets fortnightly during the session, subjects of general interest being discussed.

*President*—W. E. Darby; *Vice-President*—M. Allison Fitz-Randolph; *Secretary-Treasurer*—A. F. Macdonald.

## Dalhousie Amateur Athletic Club.

*Honorary President*—J. McG. Stewart; *President*—D. McInnes; *Vice-President*—W. A. Hewat; *Secretary*—G. W. I. Creighton; *Manager Football Team*—C. N. Bissett; *Manager Hockey Team*—J. F. McManus; *Manager Basketball Team*—J. A. Tupper; *Manager Track and Field*—J. W. Reid.

**Dalhousie Girls' Athletic Club.**

*President*—I. Harriet Roberts; *Vice-President*—Marion E. Campbell; *Secretary-Treasurer*—F. Jean Messenger; *Managers: Basketball*—Marjorie Thompson; *Ground Hockey*—Edith I. Macneill; *Ice Hockey*—Anna Wilson; *Badminton*—Minna Troop; *Gymnasium*—Lois Girvan.

**Student's Christian Association—Men's Branch.**

The aim of the Dalhousie Y. M. C. A. is to serve the students and the college community along lines of spiritual and social development. All new students as well as the upper classmen should associate themselves with the movement, for the benefits it has for them and the opportunities it affords for community and social service.

*President*—W. J. McCurdy; *Vice-President*—A. O. Hebb; *Secretary*—C. B. Moore; *Treasurer*—G. W. I. Creighton; *Cabinet*—H. A. Davidson; J. J. Fay; S. H. Baird; W. D. Outhit; W. S. Gilchrist; K. M. Grant; R. F. Ross; E. G. Pierce; A. W. Ross; R. M. Doull; F. R. Hayes.

**Student's Christian Association—Women's Branch.**

Meetings of the Association are to be held the first Sunday of the month at 4 o'clock and weekly Bible study and discussion groups organized the first of the term.

*Working Executive and Monthly Convenors*—Florence R. MacMullen; Jean MacRae; Avis Marshall; Marjorie Mosher; Edith Sutherland; *Secretary-Treasurer*—Elizabeth Morton; *Bible Study Secretaries*—Avis Marshall; Marjorie Mosher.

**The Delta Gamma Society.**

The Delta Gamma Society meets bi-monthly during the session. All women students are eligible for membership. Debates are held and literary programmes are prepared.

*President*—Elinor G. Barnstead; *Vice-President*—F. Jean Messenger; *Secretary-Treasurer*—Helen L. Wickwire.

**Engineering Society.**

*Honorary President*—Professor Copp; *President*—O. F. C. Armstrong; *Vice-President*—H. K. Sandford; *Secretary-Treasurer*—C. P. Roper.

**Commerce Society.**

*President*—H. C. Morton; *Vice-President*—M. Irene MacDougall; *Secretary-Treasurer*—A. E. Jubien; *Executive*—J. T. MacQuarrie; Ruth A. Fulton.

**Arts and Science Students' Society.**

*President*—W. J. McCurdy; *Vice-President*—C. M. Bethune; *Secretary-Treasurer*—M. M. Rankine.

**Newman Club.**

*President*—J. G. Godsoe; *Vice-President*—Muriel Donahoe; *Secretary-Treasurer*—E. J. Theriault; *Executive*—Kathleen Hagen; J. F. MacManus; W. H. Godsoe.

**Law Students' Society.**

*President*—F. W. M. Bissett; *Vice-President*—Mary McIntyre; *Secretary-Treasurer*—R. J. E. Moore.

**Dental Students' Society.**

*President*—J. W. Dobson; *Vice-President*—J. P. Millar; *Secretary-Treasurer*—R. H. Barrett.

**Dalhousie Gaelic Society.**

Organized to promote a deeper study of Celtic language and literature.

*President*—W. B. MacOdrum; *Vice-President*—J. A. Nicholson; *Secretary-Treasurer*—A. D. MacKinnon; *Executive*—J. I. Morrison; D. MacMillan; R. D. Macintosh.

**Student Volunteer Band.**

*President*—C. R. Sutherland; *Vice-President*—Jean Whittier; *Secretary-Treasurer*—J. M. Fraser.

**Class 1925 Arts (Life Members).**

*President*—A. C. Hill; *Vice-President*—Anna M. Grant; *Treasurer*—C. G. MacLennan; *Secretary*—M. Frances Milner.

**Class 1926 Arts.**

*President*—Ian Macdonald, *Vice-President*—Florence McMullen; *Secretary*—M. Allison FitzRandolph; *Treasurer*—A. B. Thomson.

**Class 1927 Arts.**

*President*—F. M. Fraser; *Vice-President*—Helen Wickwire; *Treasurer*—E. P. Allison; *Secretary*—Minna Troop.

**Societies.****Class 1928 Arts.**

*President*—R. M. Doull; *Vice-President*—Catherine MacLeod;  
*Secretary*—Jean Cumming; *Treasurer*—F. M. Rockingham.

**Class 1925 Medicine (Life Members).**

*President*—L. N. Morrison; *Secretary*—P. McG. Knox.

# University Lists.

## DEGREES CONFERRED SESSION 1924-25.

Convocation, May 12, 1925.

\*—Degree conferred during the session.

\*\*—In absentia.

### Master of Arts.

James, Clara Alice Crowe . . . . . Halifax.  
Mason, Edith Mabel . . . . . Victoria, B. C.  
Newcombe, Avery Franklin . . . . . Canning, King's Co.  
Norton, Robert Homer . . . . . Cardigan, P. E. I.

### Master of Science.

Kenty Carl . . . . . Halifax.  
McCurdy, Margaret Frances . . . . . Old Barns, Col. Co.

### Bachelor of Arts.

Allen, Irene Viola . . . . . Summerside, P. E. I.  
Armstrong, Maurice Whitman . . . . . Bridgetown, Ann. Co.  
Brown, Jennie Laura . . . . . Kensington, P. E. I.  
Butler, Keith Huestis . . . . . Halifax.  
Cameron, Anna Helen . . . . . Halifax.  
Campbell, Alexander John . . . . . Truro, Col. Co.  
Campbell, Nellie May . . . . . Centreville, Pic. Co.  
Campbell, Ruth Errington . . . . . Halifax.  
Christie, Douglas Gordon . . . . . Bedford, Hfx. Co.  
\*\*Clouston, Donald Murdoch . . . . . St. John's, Nfld.  
Covert, Katherine Hannington . . . . . Dartmouth.  
Cox, Evelyn Frances . . . . . Halifax.  
Crawford, Isabelle Gertrude . . . . . Kelowna, B. C.  
Crowdis, Annie Elizabeth . . . . . Inlet Baddeck, Vic. Co.  
Darby, Walter Eric . . . . . Abram's Village, P. E. I.  
Douglas, Julia Weir . . . . . Halifax.  
Elliott, Harriett Evelyn . . . . . Berwick, King's Co.  
Elliott, Marian Margaret . . . . . Berwick, King's Co.  
Elliot, Walter Roy . . . . . Dartmouth.  
Etter, Blanche Isabel . . . . . Shubenacadie, Hants Co.  
Fraser, Hugh Artworth . . . . . Halifax.  
Friel, Jack Edward . . . . . Moncton, N. B.  
Garcin, Hazel Gwendolyn . . . . . Curling, Nfld.  
Grant, Anna Margaret Catherine . . . . . Moncton, N. B.  
Grant, Gordon MacGregor . . . . . Yarmouth.

## University Lists

Hamilton, Hope Evermore	Mahone Bay, Lun. Co.
Hamilton, Howard	New Glasgow, Pic. Co.
Hebb, Andrew Olding	Dartmouth.
Hebb, Donald Olding	Dartmouth.
Johnstone, Edwin Cecil	New London, P. E. I.
Kennedy, Marjory Mary Ellen	Halifax.
Longley, John Wilberforce	Halifax.
Macdonald, Flora Isabel	Halifax.
MacDonald, John Donald Nelson	St. Fspirit, Rich. Co.
MacDeugall, Ewen	Charlottetown, P. E. I.
MacInnes, Alice Ethel	Halifax.
MacKinnon, Archibald Donald	Scotville, Inv. Co.
MacLennan, Charles Gilmore	Brookfield, Col. Co.
McLeod, Margaret	South Gut, Vic. Co.
MacLeod, Sophia	South Gut, Vic. Co.
MacRitchie, Fridtjof Charles Eugene	Glance Bay, C. B. Co.
Madill, Irene Logan	Milford Station, Hants Co.
Marshall, Mary Bell	Digby.
Milner, Mary Frances	Amherst, Cumb. Co.
Morton, Harry Stafford	Halifax.
Murray, Angus Edward	Barney's River, Pic. Co.
*Newcombe, Avery Franklin	Canning, King's Co.
Nickerson, John Lester	Halifax.
Parker, Charlotte Edna	Halifax.
*Proctor, Winston Edward	Halifax.
Profitt, Samuel Bernard	Freetown, P. E. I.
Rogers, Evelyn Frances Hyslop	Halifax.
Rodgerson, Helen Stewart	Hunter River, P. E. I.
Russell, Allison Elliott	Dartmouth.
Seary, Victor Perrin	Yarmouth.
Sedgwick, Charles Hill Wallace	Mid. Musquodoboit, Hfx. Co.
Smith, Beatrice Margaret	Amherst, Cumb. Co.
Sutherland, Chester Roland	Pictou.
Sutherland, James William	Malagash, Pic. Co.
Taylor, Robert Brodie	Windsor, Ont.
Webber, Jean Church	Halifax.
Williams Reginald Dunbar	Charlottetown, P. E. I.
Young, Pearl Gertrude	Pictou.
Yuill, Arthur Dunbrack	Truro, Col. Co.

## Bachelor of Science.

Cave, William Kenneth	St. John's, Newfoundland.
Grierson, Cyrus Arthur William	Weymouth, Dig. Co.
Hayman, Alden Bernard	Truro, Col. Co.
Hill, Allan Chaloner	Yarmouth.
Laurence, George Craig	Halifax.

## Bachelor of Commerce.

Chipman, William Cedric	Yarmouth.
deCarteret, Norman Wilfrid	Halifax.
Squares, B. A.	Halifax.
Piercey, Reginald Matheson	Halifax.



Sheffman, Samuel . . . . . St. John's, Newfoundland.  
 Spencer, Clarence MacLeod . . . . . Port Morien, C. B. Co.

**Bachelor of Laws.**

Adams, Douglas Freeman . . . . . Lunenburg.  
 Barry, Paul Rossiter Hayes . . . . . Fredericton, N. B.  
 Bethune, Carl Palm, B. A. . . . . Halifax.  
 Chew, Johnston, B. A. . . . . Dominion No. 6, Donkin, C. B. Co.  
 \*Colquhoun, David Cameron, B. A. . . . . Halifax.  
 Compton, Thomas Charles Lowell B. A. . . . . Summerside, P. E. I.  
 Dickey, Horace Blair . . . . . Kentville, King's Co.  
 Fraser, Leonard William, B. A. . . . . New Glasgow, Pic. Co.  
 Friel, Henry Craig, B. A. . . . . Moncton, N. B.  
 Glube, Howard Charles B. A. . . . . Halifax.  
 Gunn, William Alexander Dcuglas, M. A. . . . . Sydney, C. B. Co.  
 Gushue, Raymond . . . . . St. John's, Newfoundland.  
 Hickey, Parker Thomas, B. A. . . . . Halifax.  
 Kerr, Roderick, B. A. . . . . Louisburg, C. B. Co.  
 Morrison, George Mackay, B. A. . . . . Sydney, C. B. Co.  
 Moseley, William Everett, B. A. . . . . Dartmouth.  
 \*Parlee, Percy Leverett, B. A. . . . . Stewiacke, Col. Co.  
 Pearson, Vernon Lamont, B. A. . . . . Melvern Square, Ann. Co.  
 Snodgrass, Russell Leigh, B. A. . . . . Young's Cove, N. B.  
 Wamboldt, Marjorie Grace . . . . . Halifax.

**Doctor of Medicine and Master of Surgery.**

Archibald, Robert Edmund . . . . . New Town, Guys' Co.  
 Baxter, Charles Richard . . . . . Truro, Col. Co.  
 Bond, Roberta, B. A. . . . . Halifax.  
 Bruce, Gordon Murphy . . . . . Shelburne.  
 Burns, Gerald Ross . . . . . Halifax.  
 Cameron, William Ross . . . . . Halifax.  
 Chisholm, Alexander Rcy . . . . . Halifax.  
 Doiron, Linus Francis . . . . . Pomquet, Ant. Co.  
 Douglass, Peter Gerald . . . . . Halifax.  
 Fultz, William Edmund . . . . . Halifax.  
 Glenister, Ernest Ireson . . . . . Halifax.  
 Goldberg, Simon Noah . . . . . New York City, N. Y.  
 Gouthro, Alexander Campbell . . . . . Little Bras d'Or Bridge, C. B. Co.  
 Grant, James Edward . . . . . Eureka, Pic. Co.  
 Guild, Cameron St. Clair . . . . . Musquodoboit Hbr., Hfx. Co.  
 Hayden, Ansell Ross Constantine Jamaica, B. W. I.  
 Hayes, Kenneth Paul Joseph B. A. Halifax.  
 Herbin, Charles Abram . . . . . Arichat, Rich. Co.  
 Keating, Walter Joseph . . . . . Halifax.  
 Kirkpatrick, Lemuel Lester . . . . . Wirral, N. B.  
 Knox, Perry McGregor . . . . . Pinehurst, Lun. Co.  
 Laurence, John Gordon . . . . . Margaree Harbour, Inv. Co.  
 Macdonald, Duncan Chisholm . . . . . James River, Ant. Co.  
 MacDonald, William James . . . . . Truro, Col. Co.

MacKay, Hugh Fraser.....	New Glasgow, Pic. Co.
MacLeod, Frank John.....	South St. Ann's, Vic. Co.
MacLeod, Robert Hugh.....	Westville, Pic. Co.
Marcus Samuel.....	Sydney Mines, C. B. Co.
Miller, Ralph Thompson.....	Elmsdale, Hants. Co.
Moriarty, Clarence Francis.....	Halifax.
Morrison, Lewis Nelson.....	Halifax.
Morton, Allan Reid.....	Halifax.
Muir, Everett Barclay.....	Eureka, Pic. Co.
Murray, Anna Margaret.....	Meadowville, Pic. Co.
Ratchford, Harold Andrew.....	North Sydney, C. B. Co.
Siddall, Alvin Matthew.....	Southampton, Cumb. Co.
Smith, George William.....	Merigomish, Pic. Co.
Sutherland, Donald Roderick....	Malagash, Cumb. Co.
Sutherland, David Stockley.....	River John, Pic. Co.
Sutherland, Ira Reginald.....	Pictou.
Webster, Donald Robertson, B. A.	Pictou.
Wynter, Luther Reginald.....	Jamaica, B. W. I.
Young, Sebastian Paul.....	Curling, Newfoundland.

**Doctor of Dental Surgery.**

Browne, Courtney Tremaine....	Dartmouth.
Dawson, Willis Gordon.....	Eureka, Pic. Co.
Dunlop, Allan Archibald.....	Halifax.
Green David Earle.....	New Glasgow, Pic. Co.
Hennigar, Ralph Emerson.....	Chester, Lun. Co.
Johnston, Louis Archibald.....	Montague, P. E. I.
Lavers, Beverly Dewolfe.....	New Ross, Lun. Cc.
Lewis, Thomas Hugh.....	Moncton, N. B.
Losada, Norman Augustine Moure	St. Kitts, B. W. I.
McDonald, Daniel Lauchlin....	Antigonish.
Macdonald, George Sanford....	Sydney, C. B. Co.
Nicholson, Matthew Heslop....	Springhill, Cumb. Co.
Stanford, Robert Harold.....	Dartmouth.
Willigar, Mark Wylie Gibbons...	Parrsboro, Cumb. Co.

**Diploma of Engineering.**

Benoit, Remi Alphonse.....	Truro, Col. Co.
Byers, John Wilfrid Fisher.....	Tatamagouche, Col. Co.
*Crease, Charles Edward.....	Amherst, Cumb. Co.
Fraser, Willard Bruce.....	Stellarton, Pic. Co.
Grierson, Cyrus Arthur William..	Weymouth, Dig. Co.
Hayman, Alden Bernard.....	Truro, Col. Co.
Hillis, James Stanley.....	Halifax.
Kelley, Walter Bruce.....	Yarmouth.
Matheson, John Hegan Parks....	New Glasgow, Pic. Co.
Meaney, Daniel Ignatius.....	St. John's, Newfoundland.
Sexton, Whitney Gustus.....	Halifax.

**Diploma of Pharmacy.**

Alexander, John Dow.....	Campbellton, N. B.
Freeman, Rupert Anderson.....	Halifax.
Grant, Gordon Allison.....	Yarmouth.
Harold, Helen Alberta.....	Centreville, N. B.
Henderson, Ernest Maxwell.....	Campbellton, N. B.
MacDonald, Burchell Fulmer....	Truro, Col. Co.
MacDougald, Dugald Stewart...	Shediac, N. B.
MacKeen Rankin.....	Sydney, C. B. Co.
McLeod, William Arthur.....	Sydney, C. B. Co.
Robbins, Carl Alvin.....	St. John, N. B.
White, Louis Edward.....	Halifax.

**HONOURS, PRIZES AND MEDALS.**

**Diplomas of Honour.**

<i>Physics—High Honours</i> .....	George Craig Laurence
<i>Chemistry—High Honours</i> .....	Keith Huestis Butler.

**Diplomas of Distinction.**

<i>Great Distinction</i> —Annie Elizabeth Crowdis, Anna Margaret Catherine Grant.
<i>Distinction</i> —Margaret McLeod, Victor Perrin Seary, Pearl Gertrude Young, John Lester Nickerson.

**Graduation Prizes and Medals.**

*University Medals:—*

Faculty of Law.....	Raymond Gushue.
(Honourable Mention).....	Roderick Kerr
	Russell Leigh Snodgrass.
Faculty of Medicine.....	Sebastian Paul Young.

<i>Avery Prize</i> (First Distinction Graduate).....	Annie Elizabeth Crowdis.
<i>Carswell Prize</i> (Highest standing in regular course in law) 3rd Year..	Raymond Gushue.
<i>Charles Bell Special Prize</i> (Final Year Dentistry).....	George Sanford Macdonald.
<i>E. A. Bell Special Prize</i> (Final Year Dentistry).....	David Earle Green.
<i>Frank Woodbury Memorial Prizes—</i>	
Thesis.....	Louis Archibald Johnston.
Operative Technic.....	Thomas Hugh Lewis.
Prosthetic Technic.....	Louis Archibald Johnston.
<i>National Drug Co., Limited, Gold Medal</i> .....	Rankin MacKeen.

**Entrance and Undergraduate Prizes.**

**Entrance Scholarships (in order of merit).**

<i>George H. Campbell Memorial Scholarships</i> —Edith Alice Atherton, Rita Alice Bailey, Katherine Aletha MacLennan.
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*Sir William Young Scholarship*—Kathleen Drummond Miller.  
*Special Sir William Young Scholarship*—John Hugh MacLennan.  
*Special University Scholarships*—Herbert Frederick Wheatley,  
 Jean Forbes MacKenzie.  
*Mackenzie Scholarship*—Gwendolyn Fraser.  
*Special Bruce Scholarship*—Ewan Somerville Clark.  
*Halifax City Free Scholarship*—Herbert Frederick Wheatley.  
*Special Halifax City Free Scholarship*—Victor Lawson Snarr.

#### Undergraduate Scholarships and Prizes.

*Bruce Scholarship* (1st Year Arts).. Edith Alice Atherton.  
*George H. Campbell Memorial Scholarships* (1st Year Arts)—John  
 Hugh MacLennan, Gwendolyn Fraser, Kathleen Drummond  
 Miller.  
*University Scholarships* (1st Year  
 Arts)..... Mary Jessie Scouler.  
*Mackenzie Scholarship* (1st Year  
 Arts)..... Jean Forbes MacKenzie.  
*Allan Pollok Scholarship* (2nd Year  
 Arts)..... Isabella Pink.  
*Jotham Blanchard Bursary* (2nd  
 Year Arts)..... Grace Edna Mingie.  
*Commercial Club Scholarship* (2nd  
 year)..... Arthur Edwin Jubien.  
*Waverley Prize* (Mathematics) . . . George Otty Langstroth.  
*Studley Quoit Club Prize* (Latin 2  
 and Greek 2)..... Muriel Catherine Donahoe.  
*Khaki University Scholarships*  
 (3rd Year Arts)..... Award not yet determined.  
*Bruce Bursary* (2nd Year Arts) . . . Award not yet determined.  
*Carswell Prizes* (Regular Course  
 in law) 1st Year..... Frederick William MacInnis.  
 2nd Year..... Arthur Ross Hull.  
*Professor Cameron's Prize* (Prac-  
 tical Anatomy)..... John Lester Nickerson.  
*Dr. Lindsay Prize* (3rd Year Me-  
 dicine)..... John William Merritt  
*Dr. Clara Olding Prize* (4th Year  
 Medicine)..... Harold Robertson.  
*Nova Scotia Dental Association*  
*Prizes* (3rd Year Dentistry) . . . Hugh Macdonald Eaton.  
 John William Dobson.

## STUDENTS REGISTERED, 1924-25.

## FACULTY OF ARTS AND SCIENCE.

## Enrolled in Dalhousie University.

Adams, Evelyn Pryor.....	Halifax.
Alexander, John Dow.....	Campbellton, N. B.
Allan, Margaret Glen.....	Halifax.
Allen, Irene Viola.....	Summerside, P. E. I.
Allen, Robert Winter.....	Yarmouth.
Allison, Edmund Philip.....	Halifax.
Archibald, John Douglas.....	Newton, Guys. Co.
Armstrong, Maurice Whitman...	Bridgetown, Ann. Co.
Armstrong, Owen Fred Calder...	Tupperville, Ann. Co.
Atherton, Edith Alice.....	Sussex, N. B.
Atwood, Arthur G. M. Lysons...	Bedford, Hfx. Co.
Atwood, Jack Joseph Lysons...	Bedford, Hfx. Co.
Bailey, Rita Alice.....	Dartmouth.
Baird, Samuel Hamilton.....	Bedford, Hfx. Co.
Bamford, John Livesey.....	Port Medway, Queen's Co.
Barnstead, Elinor Grace.....	Halifax.
Beaton, Harold Malcolm.....	Thorburn, Pic. Co.
Begg, Helen Todd.....	Summerside, P. E. I.
Bell, Harry Hertz.....	Halifax.
Bell, Lawrence Wolfe.....	Dartmouth.
Benoit, Remi Alphonse.....	Truro, Col. Co.
Beresford, Mary Agnes.....	Dollar, Scotland.
Berry, Dorothe Eileen.....	Sussex, N. B.
Bethune, Carl Palm, B. A.....	Halifax.
Bethune, Clarence Melville.....	Baddeck, Vic. Co.
Bissett, Clarence Norton.....	Windsor, Hants Co.
Blanchet, Kathleen.....	Rothesay, N. B.
Blandford, Greta.....	St. John's, Newfoundland.
Bliss, John Donald Macqueen...	Amherst, Cumb. Co.
Blois, Elfreda Elizabeth.....	Halifax.
Borden, Mabel Ashmere.....	Grand Pre, King's Co.
Bowers, Walter Liehti.....	Shubenacadie, Hants Co.
Bown, Agnes Margaret.....	Sydney, C. B. Co.
Brenton, Douglas Andrew.....	Brookfield, Col. Co.
Brookfield, John Carr.....	Halifax.
Brown, Edward Dow.....	Clark's Harbour, Shelb. Co.
Brown, Jennie Laura.....	Kensington, P. E. I.
Brown, Stirling Henderson.....	New Glasgow, P. E. I.
Buckley, Gerald Robert.....	Halifax.
Buffett, Lawrence Llewelyn.....	Sydney, C. B. Co.
Burchell, John Edward.....	Halifax.
Burns, Eveleen Lucy Mary.....	Halifax.
Burroughs, Marion.....	Moose River Gold Mines, HfxCo
Butler, Keith Huestis.....	Armdale, Halifax.
Byalin, Lionel.....	Halifax.
Byers, John Wilfrid Fisher.....	Tatamagouche, Col. Co.
Caldwell, Robert Marsden.....	Yarmouth.
Callan, Elizabeth Ferguson.....	Halifax.
Cameron, Anna Helen.....	Halifax.

- Cameron, Elsie Hannah, . . . . . West Bay, Inv. Co.  
 Cameron, Hugh Donald . . . . . Halifax.  
 Cameron, Ralph . . . . . Charlottetown, P. E. I.  
 Campbell, Alexander John . . . . . Truro, Col. Co.  
 Campbell, Donald . . . . . Marble Mountain, Inv. Co.  
 Campbell, Marion Emily May . . . . . Halifax.  
 Campbell, Nellie May . . . . . Centredale, Pic. Co.  
 Campbell, Ruth Errington . . . . . Halifax.  
 Cave, William Kenneth . . . . . St. John's Newfoundland.  
 Chai, Harold . . . . . Hong Won, Korea.  
 Chipman, William Cedric . . . . . Yarmouth.  
 Chisholm, Gwendolyn Agnes . . . . . Halifax.  
 Chisholm, James Lewis Lee . . . . . Truro, Col. Co.  
 Christie, Douglas Gordon . . . . . Bedford, Hfx. Co.  
 Church, John William . . . . . New Glasgow, Pic. Co.  
 Clancy, Edna Mildred . . . . . Halifax.  
 Clancy, Vera Eugene . . . . . Halifax.  
 Clark, Anne Middleton . . . . . Tatamagouche, Col. Co.  
 Clark, Ewan Somerville . . . . . Halifax.  
 Clark, Helen Wood . . . . . Halifax.  
 Clark, William Ross . . . . . Halifax.  
 Coffin, Harold Stewart . . . . . Tatamagouche, Col. Co.  
 Coffin, Thomas Herbert . . . . . Halifax.  
 Cogswell, Laverne Eidson . . . . . Berwick, King's Co.  
 Collins, Blanche Helena . . . . . Granville Ferry, Ann. Co.  
 Colquhoun, Marjorie Gwendolyn . . . . . Halifax.  
 Connors, Marion Francis . . . . . Halifax.  
 Cook, Arthur Stanley . . . . . Halifax.  
 Cooke, William Greig . . . . . Halifax.  
 Cotter, Claude Hanberry . . . . . Sydney, C. B. Co.  
 Covert, Frank Manning . . . . . Canning, King's Co.  
 Covert, Katherine Hannington . . . . . Dartmouth.  
 Cox, Arthur Charles . . . . . Halifax.  
 Cox, Evelyn Frances . . . . . Halifax.  
 Cox, Jean Gertrude . . . . . South Weymouth, Mass, U.S.A.  
 Crawford, Isabelle Gertrude . . . . . Kelowna, B. C.  
 Creighton, George Wilfrid Irving . . . . . Halifax.  
 Crimp, Peryl Nita . . . . . Dartmouth.  
 Crocker, Margaret Betts . . . . . Millerton, N. B.  
 Crowdis, Annie Elizabeth . . . . . Inlet Baddock, Vic. Co.  
 Cumming, Alison Archibald . . . . . Truro, Col. Co.  
 Cumming, Jean . . . . . Truro, Col. Co.  
 Cumming, Theodore Merrill . . . . . Joggins, Cumb. Co.  
 Curtis, Jean Mildred . . . . . Halifax.  
  
 Darby, Walter Eric . . . . . Abram's Village, P. E. I.  
 Davidson, Herbert Armstrong . . . . . Middleton, Ann. Co.  
 deCarteret, Norman Wilfrid  
     Squares, B. A. . . . . Halifax.  
 Delaney, James Grant . . . . . Eureka, Pic. Co.  
 Dennis, William Gerald . . . . . Amherst, Cumb. Co.  
 Dickie, Ann Thompson . . . . . Oxford, Cumb. Co.  
 Donahoe, Muriel Catherine . . . . . Halifax.  
 Douglass, Arthur Stanley . . . . . Stanley, N. B.  
 Douglas, Julia Weir . . . . . Halifax.  
 Doull, Robert Morse . . . . . Halifax.

- Dowd, Peter John..... Moncton, N. B.  
 Doyle, Charles Elmer..... Truro, Col. Co.  
 Doyle, Thomas Cyril..... Halifax.  
 Dresner, Josephine Selma..... Halifax.  
 Drysdale, Ruby Claire..... Halifax.  
 Duff, Agnes Paterson..... Lunenburg.  
 Dunphy, John Beattie Harland.. Nash Creek, N. B.  
 Dustan, Harry Gordon..... Halifax.  
 Dwyer, John Harrington..... Halifax.  
 Dwyer, Thomas Edward..... Halifax.
- Elliott, Harriett Evelyn..... Berwick, King's Co.  
 Elliott, Marian Margaret..... Berwick, King's Co.  
 Elliot, Walter Roy..... Dartmouth.  
 Ellis, Marjorie Florence..... Truro.  
 Elliston, Charles William Peter.. Halifax.  
 Eriksen, Marie..... Trinity, Newfoundland.  
 Etter, Blanche Isabel..... Shubenacadie, Hants Co.  
 Evans, Mary Hilda..... Halifax.
- Fairbanks, Edward Binney..... Windsor, Hants Co.  
 Fay, James Jordan..... Bridgetown, Ann. Co.  
 Firth, William Adams..... Doaktown, N. B.  
 FitzRandolph, Mary Allison..... Bridgetown, Ann. Co.  
 Foote, Ruth Morton..... Halifax.  
 Forbes, Donald Frederick James. Sussex, N. B.  
 Forsyth, Donald Alexander, B. A. Dartmouth.  
 Forsyth, Ian Keith, M. A..... Dartmouth.  
 Forsyth, Marion Louise, B. A..... Dartmouth.  
 Frame, Gordon Flemming..... Westville, Pic. Co.  
 Fraser, Caroline Catherine..... Stellarton, Pic. Co.  
 Fraser, Frederick Murray..... Halifax.  
 Fraser, Gwendolyn..... Halifax.  
 Fraser, Hugh Artworth..... Halifax.  
 Fraser, James Alexander..... Stellarton, Pic. Co.  
 Fraser, James Milton..... Scotsburn, Pic. Co.  
 Fraser, Reginald Alfred Stephen.. French Village, Hfx. Co.  
 Fraser, Roland Kennedy..... Pictou.  
 Fraser, Willard Bruce..... Stellarton, Pic. Co.  
 Freeman, Allan Tupper..... Halifax.  
 Freeman, Mary Elizabeth DeBlois.. Halifax.  
 Freeman, Rupert Anderson..... Halifax.  
 Friel, Jack Edward..... Moncton, N. B.  
 Fulton, Cecil Gordon..... Stellarton, Pic. Co.  
 Fulton, Mary Louise..... Upper Stewiacke, Col. Co.  
 Fulton, Ruth Allison..... Upper Stewiacke, Col. Co.
- Garber, Ray Sinclair..... Bridgewater, Lun. Co.  
 Garcin, Hazel Gwendolyn..... Curling, Newfoundland.  
 Gardner, Mildred Ida..... Halifax.  
 Gaudet, Frederick Joseph..... Yarmouth.  
 Gavsie, Charles..... Sydney, C. B. Co.  
 Geddes, George Earl..... Milford Station, Hants Co.  
 Giffin, Audley Atwood..... Halifax.  
 Gilmour, Hugh Kirby..... Forester's Falls, Ontario.  
 Giovannetti, Joseph Louis..... Trepassey, Newfoundland.

- Giovannetti, Hubert Francis . . . . .Trepassey, Newfoundland.  
 Girvan, Lois Ernestine . . . . .Halifax.  
 Godsoe, Joseph Gerald . . . . .Halifax.  
 Goldberg, Julia . . . . .Halifax.  
 Gordon, Seymour Clifford . . . . .Georgetown, P. E. I.  
 Grant, Gordon Allison . . . . .Yarmouth.  
 Grant, Gordon MacGregor . . . . .Yarmouth.  
 Graham, Jane Maude . . . . .New Glasgow, Pic. Co.  
 Grant, Anna Margaret Catherine . . . . .Moncton, N. B.  
 Grant, Donald MacDonald . . . . .Eureka, Pic. Co.  
 Grant, Harold Copeland . . . . .New Glasgow, Pic. Co.  
 Gregg, Dorothy Alward, B. A.  
 (Acad.) . . . . .Halifax.  
 Grierson, Cyrus Arthur William . . . . .Weymouth, Dig. Co.  
  
 Hagen, Kathleen Agnes . . . . .Halifax.  
 Hallett, Edith Cornforth . . . . .Fredericton, N. B.  
 Hamilton, Howard . . . . .New Glasgow, Pic. Co.  
 Hamilton, Hope Evermore . . . . .Mahone Bay, Lun. Co.  
 Harold, Helen Alberta . . . . .Centreville, N. B.  
 Harrington, John Talbot . . . . .St. John's, Newfoundland.  
 Harris, Arthur Clifford . . . . .Halifax.  
 Harrison, James Alden . . . . .Halifax.  
 Harrison, William Carl . . . . .New Waterford, C. B. Co.  
 Hart, Gordon Arthur . . . . .Collingwood Creek, Cumb. Co.  
 Hayes, Frederick Ronald . . . . .Halifax.  
 Hayman, Alden Bernard . . . . .Truro, Col. Co.  
 Hayman, Ruby Avis . . . . .Truro, Col. Co.  
 Hebb, Aldrew Olding . . . . .Dartmouth.  
 Hebb, Donald Olding . . . . .Dartmouth.  
 Hebb, Ralph Comingo . . . . .Halifax.  
 Henderson, Everett Maxwell . . . . .Campbellton, N. B.  
 Henley, Winfrid Lordly . . . . .Halifax.  
 Hewat, Arthur Moore . . . . .Halifax.  
 Hewat, Helen Mary . . . . .Halifax.  
 Higgins, Albert Irving . . . . .Brookfield, Col. Co.  
 Hill, Allan Chaloner . . . . .Yarmouth.  
 Hill, Dorothy Page . . . . .Halifax.  
 Hillis, James Stanley . . . . .Halifax.  
 Hilton, Phyllis Raymond . . . . .Yarmouth.  
 Hires, Rebecca Mary . . . . .Halifax.  
 Hockin, James Arthur . . . . .Middleton, Ann. Cc.  
 Hogan, Louis Richardson Joseph . . . . .Halifax.  
 Hogan, William Vincent . . . . .Halifax.  
 Holman, Katharine Keltie . . . . .Summerside, P. E. I.  
 Hood, Carl Webster . . . . .Yarmouth.  
 Horne, John Edmund . . . . .Halifax.  
 Hudson, Julian Elliott . . . . .Glace Bay, C. B. Co.  
 Humphrey, Adelaide . . . . .Kensington, P. E. I.  
 Humphrey, Thomas James . . . . .Kensington, P. E. I.  
 Hyde, Marjorie Louise . . . . .Dartmouth.  
  
 Irwin, George Byron . . . . .Halifax.  
 Irwin, Dorothy Mary . . . . .Halifax.  
 Irwin, Hugh MacCaskill . . . . .Halifax.



- Jacques, Eric Clifton . . . . . Halifax.  
 Jardine, John Arthur . . . . . Bradalbane, P. E. I.  
 Jensen, Evernia . . . . . Halifax.  
 Johnson, Alethea Dorene . . . . . Halifax.  
 Johnson, Charlotta Fulton . . . . . Halifax.  
 Johnstone, Edwin Cecil . . . . . New London, P. E. I.  
 Joseph Cyril Louis . . . . . Port of Spain, Trinidad, B.W.I.  
 Jubien, Arthur Edwin . . . . . Halifax.  
  
 Kaye, Dorothy Crawford . . . . . Halifax.  
 Keans, Marjorie Lenore . . . . . Halifax.  
 Keating, Maurice Edward . . . . . Halifax.  
 Kelley, Walter Bruce . . . . . Yarmouth.  
 Kennedy, Marjorie Mary Ellen . . . . . Halifax.  
 Kenney, Cleveland Lovitt . . . . . Clark's Harbour, Shelb. Co.  
 Kent, George Edward . . . . . Halifax.  
 Kent, Muriel Dickie, B. A. . . . . Truro, Col. Co.  
 Kenty, Carl, B. Sc. . . . . Halifax.  
 Keyes, Clyde Costello . . . . . Halifax.  
 Kieley, James Powell . . . . . Halifax.  
 Kinsman, Hazel Frances . . . . . Halifax.  
 Knox, Vera Huntingdon . . . . . Pinehurst, Lun. Co.  
  
 Lachhmansingh, Joseph Prayag . . . . . Berbice, British Guiana, S. A.  
 Lamond, David Archibald . . . . . Sydney Mines, C. B. Co.  
 Langille, James Arnold . . . . . Tatamagouche, Col. Co.  
 Langstroth, George Otty . . . . . Halifax.  
 Laurence, George Craig . . . . . Halifax.  
 Lewis, John Albro Charles . . . . . Sydney, C. B. Co.  
 Ley, Albert George . . . . . Louisburg, C. B. Co.  
 Locke, Thomas Johnson . . . . . Halifax.  
 Longley, John Wilberforce, B. A. . . . . Halifax.  
 Lowe, George Everett . . . . . Clark's Harbour, Shel. Co.  
 Macarthur, Jean Rosser . . . . . Ailsa Crag, Ont.  
 McCaughin, Ellen Caroline . . . . . Parrsboro, Cumb. Co.  
 McColl, Ronald . . . . . Halifax.  
 McCuish, Daniel . . . . . New Aberdeen, C. B. Co.  
 McCurdy, Janet Amelia . . . . . New Carlisle, Que.  
 McCurdy, Margaret Frances, B.Sc. . . . . Old Barns, Col. Co.  
 McCurdy, Margaret Allison Florence . . . . . Newcastle, N. B.  
 McCurdy, William Jarvis . . . . . New Carlisle, Que.  
 Macdonald, Alfred Gilliat Gray . . . . . Halifax.  
 Macdonald, Arley Romaine . . . . . Mira, C. B. Co.  
 Macdonald, Burtchell Fulmer . . . . . Truro, Col. Co.  
 Macdonald, Flora Isabel . . . . . Halifax.  
 Macdonald, Harvard Urquhart . . . . . Springville, Pic. Co.  
 Macdonald, Ian . . . . . Halifax.  
 Macdonald, John Donald Nelson . . . . . St. Esprit, Rich. Co.  
 Macdonald, John Harry . . . . . Sunny Brae, Pic. Co.  
 Macdonald, Kathleen Lucy Logan . . . . . Halifax.  
 Macdonald, Peter James . . . . . Springville, Pic. Co.  
 Macdonald, Robert Archibald . . . . . Dominion No. 6, C. B. Co.  
 Macdonald, Vincent Christopher,  
     LL. B. . . . . Halifax.  
 MacDougald, Dugald Stewart . . . . . Shediac, N. B.

- MacDougall, Marguerite Irene... Sunny Brae, Pic. Co.  
 Macgillivray, Janie Evatt.....Halifax.  
 MacGregor, Elizabeth Adelaide..New Glasgow, Pic. Co.  
 MacInnes, Alice Ethel.....Halifax.  
 MacInnis, James Allister.....Wallace Ridge, Cumb. Co.  
 Macintosh, George Kenneth.....Sydney, C. B. Co.  
 Macintosh, Roderick Donald.... Militia Point, Inv. Co.  
 MacIntyre, Jessie Helen.....Halifax.  
 McIntyre, Mary Montgomery... Montague, P. E. I.  
 McIntyre, William Sutherland... Montague, P. E. I.  
 McKay, Ethel Isabel.....New Glasgow, Pic. Co.  
 MacKay, John Edward.....Glace Bay, C. B. Co.  
 MacKay, Malcolm Ross.....Halifax.  
 MacKay, Margaret Elizabeth,  
     B. A.....New Glasgow, Pic. Co.  
 MacKay, Mary Hilton.....Halifax.  
 McKean, Helen Magdeline.....Halifax.  
 Mackeen, Rankin.....Sydney, C. B. Co.  
 McKenna, Olive Snyder.....Sussex, N. B.  
 MacKenzie, Charles Fogo.....Halifax.  
 MacKenzie, Jean Forbes.....Halifax.  
 MacKinnon, Alice Catherine... East Side Lake Ainslie, Inv. Co.  
 MacKinnon, Archibald Donald.. Scotsville, Inve. Co.  
 MacKinnon, Clarence Gordon... Halifax.  
 MacKinnon, Jessie May.....Sydney, C. B. Co.  
 Mackinnon, Marjorie.....Halifax.  
 MacLean, Alexander Frank.... Hopewell, Pic. Co.  
 MacLean, Florence May.....New Glasgow, Pic. Co.  
 MacLean, Jardine Randolph.... Eureka, Pic. Co.  
 MacLean, John David.....Springville, Pic. Co.  
 MacLean, John Raymond.....Stellarton, Pic. Co.  
 MacLean, Kenneth William.... Scotsville, Inv. Co.  
 MacLean, Mary Kathryn.....Sherbrooke, Guys. Co.  
 MacLellan, James Daniel.....New Glasgow, Pic. Co.  
 MacLennan, Charles Gilmore... Brookfield, Col. Co.  
 MacLennan, Frances Annie Stew-  
     art.....Halifax.  
 MacLennan, Katherine Aletha... Brookfield, Col. Co.  
 MacLennan, John Hugh.....Halifax.  
 MacLeod, Annie Mae.....North Sydney, C. B. Co.  
 MacLeod, Catherine Isabel.... Sydney, C. B. Co.  
 McLeod, Eain Allister.....New Waterford, C. B. Co.  
 MacLeod, Ellis Maxwell.....Sydney, C. B. Co.  
 Macleod, George Cameron.....New Waterford, C. B. Co.  
 MacLeod, James Andrew.....Port Hastings, Inv. Co.  
 McLeod, Margaret.....South Gut, Vic. Co.  
 Macleod, Roderick Henry.....New Glasgow, Pic. Co.  
 MacLeod, Sophia.....South Gut, Vic. Co.  
 McLeod, William Arthur.....Sydney, C. B. Co.  
 McManus, Joseph Francis, B. A.  
     (St. F. X.).....Halifax.  
 MacMillan, John Laughlin.... Trout River, Inv. Co.  
 MacMillan, Malcolm Alexander.. MacAulay's, Baddeck, Vic. Co.  
 MacMullen, Florence Rathbone.. Truro, Col. Co.  
 Macneill, Edith Isabel.....Halifax.  
 MacOdrum, Charles Gordon.... Halifax.

- McPhail, Bertha Helen . . . . . Dartmouth.  
 MacQuarrie, John Thomas . . . . . Westville, Pic. Co.  
 MacRae, Jean Creelman . . . . . Toronto, Ont.  
 MacRitchie, Fridtjof Charles Eugene . . . . . Glace Bay, C. B. Co.  
 Madill, Irene Logan . . . . . Milford Station, Hants Co.  
 Magonet, Alexander Philip . . . . . Glace Bay, C. B. Co.  
 Mahon, Albert Gordon . . . . . Halifax.  
 Malone, Frederick Hart . . . . . Antigua, B. W. I.  
 Marshall, Avis Hunter . . . . . Halifax.  
 Marshall, Mary Bell . . . . . Digby.  
 Marshall, Marjorie, B. A. . . . . Halifax.  
 Martin, Florence Aloysia . . . . . Halifax.  
 Mason, Edith Mabel, B. A., (King's) . . . . . Cadboro Bay, Victoria, B. C.  
 Matheson, Alexander Macdonald . . . . . Edmundston, N. B.  
 Matheson, Harriett Isabel . . . . . New Glasgow, Pic. Co.  
 Matheson, John Hegan Parks . . . . . New Glasgow, Pic. Co.  
 Mathieson, David Laird . . . . . Charlottetown, P. E. I.  
 Meaney, Daniel Ignatius . . . . . St. John's, Newfoundland.  
 Meikle, James Edward Myron . . . . . Sydney, C. B. Co.  
 Messenger, Frances Jean . . . . . Bridgetown, Ann. Co.  
 Miller, Archie Evan . . . . . Elmsdale, Hants Co.  
 Miller, Alexander Robert . . . . . Hartland, N. B.  
 Miller, Kathleen Drummond . . . . . Sussex, N. B.  
 Miller, Leonard Albert . . . . . St. John's, Newfoundland.  
 Miller, Leigh Borden . . . . . Elmsdale, Hants Co.  
 Milner, Mary Frances . . . . . Amherst, Cumb. Co.  
 Mingie, Grace Edna . . . . . Truro, Col. Co.  
 Minshull, Fred Arthur . . . . . Bedford, Hfx. Co.  
 Misener, Ralph Edward . . . . . Dartmouth.  
 Mitchell, James Evelyn . . . . . Halifax.  
 Mitchell, Ralph Edward . . . . . Halifax.  
 Moore, Rex John Edward, B. A. (Bishop's Coll.) . . . . . Halifax.  
 Moore, Cyrus Bertram . . . . . Union Road, P. E. I.  
 Moore, James Gordon Wurtele . . . . . Halifax.  
 Moran, William Gregor . . . . . Truro, Col. Co.  
 Moren, Audrey Irene . . . . . Bedford, Hfx. Co.  
 Morris, Edith Vera . . . . . Halifax.  
 Morris, Isabelle Beatrice . . . . . Halifax.  
 Morrissey, Harriet Letitia . . . . . Parrsboro, Cumb. Co.  
 Morrison, Clarence Norman . . . . . Halifax.  
 Morrison, Gilbert Rutter . . . . . Hazel Hill, Guys Co.  
 Morrison, John Ian . . . . . Ness, Stornoway, Scotland.  
 Morton, Elizabeth Homer . . . . . St. John, N. B.  
 Morton, Herbert Creighton . . . . . Halifax.  
 Morton, James Gordon Forbes . . . . . St. John, N. B.  
 Morton, John MacLeod . . . . . Halifax.  
 Morton, Nyren Silver . . . . . St. John, N. B.  
 Morton, Rita Lillian . . . . . Halifax.  
 Mosher, Clyde Sinclair . . . . . Halifax.  
 Mosher, Marjorie Alice . . . . . Halifax.  
 Munro, Andrew Thompson . . . . . Westville, Pic. Co.  
 Munro, Catherine Isabel . . . . . Westville, Pic. Co.  
 Murphy, Arthur Lister . . . . . Halifax.

- Murphy, Louis Frederick Joseph .Halifax.  
 Murray, Angus Edward.....Barney's River, Pic. Co.  
 Murray, Donald Hunt.....Dartmouth.  
 Murray, Evan Daniel.....Meadowville, Pic.Co.  
 Muschamp, Percy Lawrence  
     Herbert.....Leicester, England.  
 Myers, Ralph Peter.....Moncton, N. B.
- Newcombe, Avery Frankline....Canning, King's Co.  
 Nicholson, John Angus.....Louisburg, C. B. Co.  
 Nickerson, John Lester.....Halifax.  
 Norton, Robert Homer, B. A....Cardigan, P. E. I.
- O'Connor, Helen Augusta.....Halifax.  
 Oldfield, Stuart King.....St. John's, Newfoundland.  
 Olmstead, Gerald Edmund.....Grand Falls, Vic. Co.  
 Orlando, Rose Gladys.....Bridgetown, Ann. Co.  
 Otto, Edgar Leroy.....Dartmouth.  
 Outhit, William Daniel.....Kentville, King's Co.  
 Oxley, Robert Sedgwick.....Halifax.
- Page, Frank Crawford.....Halifax.  
 Parker, Charlotte Edna.....Halifax.  
 Pearson, Hazel Reading.....Halifax.  
 Peveril, Helen Isabel.....Somerville, Mass., U. S. A.  
 Philips, Robert Cecil.....Truro, Col. Co.  
 Pierce, Edward Gordon.....Kingston, King's Co.  
 Piercey, Reginald Matheson....Halifax.  
 Piers, Edward Stanyan Fairbanks.Halifax.  
 Piggott, Janet Selina.....Bridgetown, Ann. Co.  
 Pinaud, Pauline Winifred.....Atlantic Highlands, N. J., U.S.A  
 Pink, Isabella.....Yarmouth.  
 Power, Joseph Francis.....Halifax.  
 Price, Aubrey Farnham.....Bridgetown, Ann. Co.  
 Profitt, Samuel Bernard.....Freetown, P. E. I.  
 Publicover, Charles Warren  
     Hutchinson.....Lunenburg.  
 Pyke, Harold Douglas.....Lunenburg.
- Rankin, Louise Jean.....Halifax.  
 Rankin, Murray McGregor.....Halifax.  
 Redmond, Gerald John.....Halifax.  
 Reed, Lorne Beverly.....Dartmouth.  
 Resnick, Rhoda Saultman.....Parrsboro, Cumb. Co.  
 Richardson, Andrew Love.....Westville, Pic. Co.  
 Robb, Marion Dennis.....Bedford, Hfx. Co.  
 Robb, Robert Cumming, B. A....New Glasgow, Pic. Co.  
 Robbins, Carl Alvin.....St. John, N. B.  
 Roberts, Ina Harriet.....St. John, N. B.  
 Robertson, Everett Chester....Pownal, P. E. I.  
 Robertson, Helen Gertrude....Halifax.  
 Robertson, Helen Margaret....Annapolis.  
 Robichaud, Alfred Rupert.....Moncton, N. B.  
 Robinson, Dorothy Edna MacKayHalifax.  
 Rockingham, Fabin Meredith....Barbados, B. W. I.  
 Rodgerson, Helen Stewart.....Hunter River, P. E. I.

- Rogers, Gertrude Blanche Hislop. Halifax.  
 Rocney, Thomas Joseph . . . . . Halifax.  
 Roper, Charles Parsons . . . . . Halifax.  
 Ross, Edwin Fraser . . . . . Stellarton, Pic. Co.  
 Ross, Hugh Daniel . . . . . Westville, Pic. Co.  
 Ross, Redvers Roberts . . . . . Meadowville, Pic. Co.  
 Ross, Robert Alexander, B. Sc. . . . . St. Peter's, Rich. Co.  
 Russell, Allison Elliot . . . . . Dartmouth.  
 Ryan, Lionel Arthur . . . . . Bassetterre, St. Kitts, B. W. I.  
 Sandford, Harold Killam . . . . . Halifax.  
 Sandford, Louise Winifred, B. A. Halifax.  
 Sangster, Arthur Herbert . . . . . Windsor, Hants Co.  
 Schaffner, Eleanor Muriel . . . . . Halifax.  
 Schon, Marian Rose . . . . . Halifax.  
 Scouler, Mary Jessie . . . . . Halifax.  
 Seary, Victor Perrin . . . . . Yarmouth.  
 Sedgwick, Charles Hill Wallace . . . . . Mid. Musquodoboit, Hfx. Co.  
 Sedgwick, Florence Middleton . . . . . New Glasgow, Pic. Co.  
 Self, Vera Irene . . . . . Halifax.  
 Sexton, Whitney Gustus . . . . . Halifax.  
 Shannon, Eileen Elizabeth . . . . . Rockingham, Hfx. Co.  
 Shaw, Jean Alexandra . . . . . Halifax.  
 Shaw, John Fraser . . . . . Halifax.  
 Sheffman, Samuel . . . . . St. John's, Newfoundland.  
 Silver, Isabel Louise . . . . . Dartmouth.  
 Sister Mary Regina . . . . . Rockingham, Hfx. Co.  
 Sister Anna Gertrude . . . . . Rockingham, Hfx. Co.  
 Slayter, Robert Underhill . . . . . Halifax.  
 Smallwood, Horace Bertrand . . . . . Newcastle, N. B.  
 Smith, Albert Martin . . . . . Halifax.  
 Smith, Beatrice Margaret . . . . . Amherst, Cumb. Co.  
 Smith, Charles Bayne . . . . . Glendyer, Inv. Co.  
 Smith, Donald Ridd . . . . . St. John, N. B.  
 Smith, Gerald Augustine Vincent. Halifax.  
 Smith, Kathleen Annie . . . . . Merigomish, Pic. Co.  
 Smyth, Dorothy Pearl . . . . . Halifax.  
 Snarr, Victor Dawson . . . . . Halifax.  
 Spencer, Clarence MacLeod . . . . . Port Morien, C. B. Co.  
 Sperry, Clyde Winston . . . . . Petite Riviere, Lun. Co.  
 Sproull, Alice Jessie . . . . . Pictou Landing, Pic. Co.  
 Stairs, Henry Gerald . . . . . Halifax.  
 Stephens, Doris Mitchell . . . . . Tenecape, Hants Co.  
 Stephen, Edna Alexandra . . . . . Windsor Junction, Hfx. Co.  
 Stephens, Eileen Gorden . . . . . Tenecape, Hants Co.  
 Stevenson, Charles Stuart . . . . . St. John, N. B.  
 Sullivan, Charles Archibald . . . . . Sydney, C. B. Co.  
 Sutherland, Donald Thatcher . . . . . Trenton, Pic. Co.  
 Sutherland, Edith Margaret . . . . . Pictou.  
 Sutherland, Grace Jean . . . . . Lockeport, Shelb. Co.  
 Sutherland, Mabel . . . . . Stellarton, Pic. Co.  
  
 Tanner, Charles James . . . . . East Dover, Hfx. Co.  
 Tattrie, Louella Jean, B. A. . . . . River John, Pic. Co.  
 Taylor, Omer Crosby . . . . . Glace Bay, C. B. Co.  
 Taylor, Robert Brodie . . . . . Windsor, Ont.  
 Theriault, Edward Joseph . . . . . Grosses Coques, Dig. Co.

- Thompson, Allen Sutherland . . . North Sydney, C. B. Co.  
 Thompson, Anna Marjorie . . . Halifax.  
 Thomson, Archibald Blanchard . . . Kentville, King's Co.  
 Thompson, Etta Mae . . . Bellevue, P. E. I.  
 Thompson, Marion Isabel . . . Halifax.  
 Torey, Pauline Evelyn . . . Halifax.  
 Towers, Donald Robert, B. A.  
   (King's) . . . St. Stephen, N. B.  
 Townsend, Henry John . . . New Glasgow, Pic. Co.  
 Travis, Charles Lockhart . . . Halifax.  
 Trites, Mary Lecne . . . Truro, Col. Co.  
 Troop, Minna Henry . . . Halifax.  
 Tupper, Borden Roger . . . Bridgetown, Ann. Co.  
 Turnbull, Hugh Hatheway . . . Rothesay, N. B.
- Upham, Constant Munro . . . Halifax.
- Vail, Pansy Beatrice . . . Halifax.  
 Vaughan, George . . . Halifax.  
 Vickerson, Harry James . . . Montague, P. E. I.  
 Vickery, Katherine Starr . . . Yarmouth.  
 Volinsky, Sarah Mina . . . Halifax.  
 Vroom, Mary Gertrude . . . Halifax.
- Walsh, Albert Joseph . . . Holyrood, Newfoundland.  
 Webber, Jean Church . . . Halifax.  
 Webster, Helen Elizabeth . . . Halifax.  
 Wheatley, Herbert Frederick . . . Halifax.  
 White, Edward Lyons . . . Shediac, N. B.  
 White, Harry Leslie . . . New Glasgow, Pic. Co.  
 White, Louis Edward . . . Halifax.  
 Wickwire, Chalmers Jack . . . Milford, Hants Co.  
 Wickwire, Helen Lovitt . . . Kentville, King's Co.  
 Wickwire, William Nathan . . . Kentville, King's Co.  
 Wilbur, Aletha Blanche Coonan . . . New Horton, Albert, N. B.  
 Williams, Reginald Dunbar . . . Charlottetown, P. E. I.  
 Wilson, Anna Margaret . . . St. John's, Newfoundland.  
 Wilson, Harold Arthur . . . Dartmouth.  
 Wilson, Harold Sowerley . . . Campbellton, N. B.  
 Wilson, Helen Louise . . . Halifax.  
 Wilson, William Blackburn . . . Windsor, Hants Co.  
 Winder, Myrtle Winifred . . . Halifax.  
 Winfield, Freda . . . Bedford, Hfx. Co.  
 Wood, Ernest Percival . . . Herring Cove, Hfx. Co.  
 Woodill, Roy Bert . . . Sydney, C. B. Co.  
 Woodside, Edwin Russell . . . Darnely, P. E. I.  
 Woolaver, Cecil Graham . . . Lynn, Mass, U. S. A.  
 Wright, St. Clair MacDonald . . . Halifax.  
 Wyman, Harold Robertson . . . Yarmouth.
- Young, Pearl Gertrude . . . Pictou.  
 Yuill, Arthur Dunbrack . . . Truro, Col. Co.
- Zwerling, Myer Edward . . . Halifax.  
 Zwicker, Bertram Henry Crawford . . . Bridgewater, Lun. Co.

## Enrolled in King's College.

Anderson, Muriel Grace Alexander	South Side Baddeck, Vic. Co.
Anderson, Thomas Robert Benjamin	Lunenburg.
Blackall, Gladys Elizabeth	St. John's, Newfoundland.
Boggs, Marguerite Evelyn Charlotte	Halifax.
Byron, John Ingram	St. Andrew's, N. B.
Card, Vivian Ruth	Windsor, Hants Co.
Cavicchi, Elena Geneva	Boutilier's Point, Hfx. Co.
Coleman, Arthur Edmund	Dalhousie, N. B.
Cooper, Douglas LeBaron	Sydney, C. B. Co.
Corkum, Nellie Viola	Italy Cross, Lun. Co.
Curry, Sarah Beamish	Falmouth, Hants Co.
Day, Graham Harold Kenneth	Port Rexton, Newfoundland.
Deathey, Ernest William	Fairview, Hfx. Co.
Dominey, Margaret Milner Elizabeth	Halifax.
DuVernet, Geoffrey Sherman	Digby.
Edwards, Muriel Katherine Annesley	Halifax.
Ernst, George Albert	Mahone Bay, Lun. Co.
Feaver, Herbert Frederick	Chester, Lun. Co.
Hanson, Ralph Ellis	Falmouth, Hants Co.
Hudson, Julian Elliott	Glace Bay, C. B. Co.
Jackson, John Frederick Lester	Glace Bay, C. B. Co.
Jakeman, Harry Kenneth	Halifax.
Jakeman, William Douglas Low	Halifax.
Jakeman, Walter Stuart	Halifax.
Jones, Clarence William	Schenectady, N. Y., U. S. A.
Keble, Francis John	Litchfield, England.
Knickle, Harry James	Lunenburg.
McClearn, John Davison	Liverpool, Queen's Co.
Maddin, William Langille	Sydney, C. B. Co.
Magee, Constance Shirley	St. John, N. B.
Mooers, Clarence LeRoi	Woodstock, N. B.
Mosher, Leonard Weldon	Dartmouth.
Neilson, George Lester	Centre Napan, N. B.
Olive, Allan Maxwell	Bridgewater, Lun. Co.
Ripley, Burton Trueman	Fairview, Hfx. Co.
Ritchie, Charles Stewart Almon	Halifax.
Ross, Henry Beates	New London, Conn, U. S. A.
Smith, Margaret Kathleen	Lunenburg.
Teed, Mariner Gerald	St. John, N. B.
Thompson, Evan Alexander	Halifax.
Wainwright, Kennedy Barr	Halifax.
White, Nathanael Whitworth	Summerside, P. E. I.
Zwicker, Gladys Margaret	New Germany, Lun. Co.

## Registered for Examination only.

Brown, William Albert	Halifax.
Clouston, Donald Murdock	St. John's, Nfld.
Creelman, Robert Currie	Truro, Col. Co.
Crease, Charles Edward	Amherst, Cumb. Co.

Conrad, Clyde Franklyn . . . . . West Berlin, Queen's Co.  
 Cox, Donald Willoughby . . . . . Truro, Col. Co.  
 Crouse, George Herbert . . . . . Crousetown, Lun. Co.  
 Henderson, Edgar Hastings . . . . . Inverness.  
 Iversen, Leon Joshua . . . . . Lunenburg.  
 James, Clara Alice Crowe, B. A. . . . . Halifax.  
 Keyes, Thomas Burton . . . . . Halifax.  
 MacIntosh, Charles Alexander  
   Daniel . . . . . North Earltown, Col. Co.  
 Redden, Louis Foster . . . . . Chester, Lun. Co.  
 Sister Francis d'Assisi . . . . . Rockingham, Hfx. Co.  
 Sister Agnes dePaul . . . . . Rockingham, Hfx. Co.  
 Smith, Deborah Drusilla . . . . . Halifax.  
 Snow, William Alton . . . . . Digby.

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### FACULTY OF LAW.

#### Third Year.

Adams, Douglas Freeman, B. A.,  
 (King's) . . . . . Lunenburg.  
 Barry, Paul Rossiter Hayes . . . . . Fredericton, N. B.  
 Bethune, Carl Palm, B. A. . . . . Halifax.  
 Chew, Johnston, B. A. . . . . Dominion No. 6, C. B. Co  
 Compton, Thomas Charles Low-  
   ell, M. A. (King's) . . . . . Summerside, P. E. I.  
 Dickey, Horace Blair . . . . . Kentville, King's Co.  
 Eraser, Leonard William, B. A. . . . . New Glasgow, Pic. Co.  
 Friel, Henry Craig, B. A. (St.F.X.) . . . . . Moncton, N. B.  
 Glube, Howard Charles, B. A. . . . . Halifax.  
 Gunn, William Alexander Douglas  
   M. A. (Dal.) . . . . . Sydney, C. B. Co.  
 Gushue, Raymond . . . . . St. John's, Newfoundland.  
 Hickey, Parker Thomas, B. A. . . . . Halifax.  
 Kerr, Roderick, B. A. . . . . Louisburg, C. B. Co.  
 Morrison, George Mackay, B. A. . . . . Sydney, C. B. Co.  
 Moseley, William Everett, B. A. . . . . Dartmouth.  
 Pearson, Vernon Lamont, B. A.  
   (Acad.) . . . . . Melvern Square, Ann. Co.  
 Snodgrass, Russell Leigh, B. A.  
   (U. N. B.) . . . . . Young's Cove, N. B.  
 Wambolt, Marjorie Grace, B. A. . . . . Halifax.

#### Second Year.

Bissett, Clarence Norton . . . . . Windsor, Hants Co.  
 Bissett, Frederick William Mani-  
   fold, B. A. . . . . Halifax.  
 Blanchard, Norman Dexter, B. A.  
   (King's) . . . . . Windsor, Hants Co.  
 Byrne, James Ross . . . . . Dartmouth.  
 Coughlan, Cyril Richard . . . . . St. John, N. B.  
 Hull, Arthur Ross . . . . . Glace Bay, C. B. Co.  
 Lewis, Philip Joseph . . . . . Holyrood, Newfoundland.



### Students.

163

Longley, John Wilberforce, B. A. Halifax.  
Macdonald, Arthur Ferguson . . . Pictou.  
McInnes, Donald, B. A. . . . . Halifax.  
McIntyre, Mary Montgomery . . . Montague, P. E. I.  
Mills, Gertrude Evelyn, B. A. . . . Halifax.  
Morton, Arthur Blenus, B. A. . . . Halifax.  
Parks, Carl Hector, B. A. . . . . Halifax.  
Pitt, Bertrand Joseph Spencer . . . St. George's, Grenada, B. W. I.  
Ross, John Gordon . . . . . Yarmouth.  
Wilson, Roy Charles . . . . . Sydney, C. B. Co.

### First Year.

Atwood, Jack Joseph Lysons . . . Bedford, Hfx. Co.  
Campbell, Alexander John . . . . . Truro, Col. Co.  
Darby, Walter Eric . . . . . Abram's Village, P. E. I.  
Friel, Jack Edward . . . . . Moncton, N. B.  
Graham, Gordon Mitchell . . . . . New Glasgow, Pic. Co.  
Hudson, Julian Elliott, B. A.  
(King's) . . . . . Glace Bay, C. B. Co.  
Huggins, Hugh Marshall Mc-  
Kenzie, B. A. (N. H.) . . . . . Ottawa, Ont.  
Judge, Peter Lorimer, B. A., B. Sc.  
(Acad.) . . . . . Yarmouth.  
MacInnis, Frederick William,  
B. A. (St. F. X.) . . . . . Ohio, Ant. Co.  
McManus, Joseph Francis, B. A.  
(St. F. X.) . . . . . Halifax.  
Mathieson, David Laird . . . . . Charlottetown, P. E. I.  
Moore, Rex. John Edward, B. A.  
(Bishop's) . . . . . Halifax.  
Proctor, Winston Edward Church-  
ill, B. A. . . . . Halifax.  
Richardson, William Ackley,  
B. A. . . . . Westville, Pic. Co.  
Rosenblum, Charles Moses . . . . . Glace Bay, C. B. Co.  
Theriault, Edward Joseph . . . . . Grosses Coques, Dig. Co.  
Williams, Reginald Dunbar . . . . . Charlottetown, P. E. I.  
Woolaver, Cecil Graham . . . . . Lynn, Mass, U. S. A.

### Special Students.

Freeman, Herbert James . . . . . Halifax.  
Kyte, George Val . . . . . St. Peter's, Rich. Co.  
Murphy, Louis Frederick Joseph. Halifax.  
Slipp, Arthur Lawrence . . . . . Fredericton, N. B.  
Teed, Mariner Gerald . . . . . St. John, N. B.

### Registered for Examinations only.

Colquhoun, David Cameron, B. A. Halifax.  
Parlee, Percy Leverett, B. A.  
(King's) . . . . . Halifax.

## FACULTY OF MEDICINE.

## Fifth Year (Five Year Course.)

- Archibald, Robert Edmund . . . . . Newtown, Guys. Co.  
 Baxter, Charles Richard . . . . . Truro, Col. Co.  
 Bond, Roberta, B. A. . . . . Halifax.  
 Bruce, Gordon Murphy . . . . . Shelburne.  
 Burns, Gerald Ross . . . . . Halifax.  
 Cameron, William Ross . . . . . Halifax.  
 Chisholm, Alexander Roy . . . . . Halifax.  
 Creelman, Prescott Archibald . . . . . Truro, Col. Co.  
 Doiron, Linus Francis . . . . . Pomquet, Ant. Co.  
 Douglass, Peter Gerald . . . . . Halifax.  
 Fields, Dudley Arthur Augustus . . . . . Prince's Town, Trinidad, B.  
     W. I.  
 Fultz, William Edmund . . . . . Halifax.  
 Gass, Royden Simpson . . . . . New Glasgow, Pic. Co.  
 Glenister, Ernest Ireson . . . . . Halifax.  
 Goldberg, Simon Noah . . . . . New York, N. Y., U. S. A.  
 Gouthro, Alexander Campbell . . . . . Little Bras d'Or Bridge, C. B. Co.  
 Grant, James Edward . . . . . Eureka, Pic. Co.  
 Guild, Cameron St. Clair . . . . . Musquodoboit Hbr., Hfx. Co.  
 Hayden, Ansell Ross Constantine . . . . . St. Andrew, Jamaica, B. W. I.  
 Hayes, Kenneth Paul Joseph,  
     B. A. . . . . Halifax.  
 Herbin, Charles Abram . . . . . Arichat, Rich. Co.  
 Keating, Walter Joseph . . . . . Halifax.  
 Kirkpatrick, Lemuel Lester . . . . . Wirral, N. B.  
 Knox, Perry McGregor . . . . . Pinehurst, Lun. Co.  
 Laurence, John Gordon . . . . . Margaree Harbour, Inv. Co.  
 Macdonald, Duncan Chisholm . . . . . James River, Ant. Co.  
 MacDonald, William James . . . . . Truro, Col. Co.  
 MacKay, Hugh Fraser . . . . . New Glasgow, Pic. Co.  
 MacLeod, Frank John . . . . . South St. Ann's, Vic. Co.  
 MacLeod, Robert Hugh . . . . . Westville, Pic. Co.  
 Macpherson, Lachlan . . . . . St. John's, Newfoundland.  
 Marcus, Samuel . . . . . Sydney Mines, C. B. Co.  
 Miller, Ralph Thompson . . . . . Elmsdale, Hants Co.  
 Moriarty, Clarence Francis . . . . . Halifax.  
 Morrison, Lewis Nelson . . . . . Halifax.  
 Morton, Allan Reid . . . . . Halifax.  
 Muir, Everett Barclay . . . . . Eureka, Pic. Co.  
 Murray, Anna Margaret . . . . . Meadowville, Pic. Co.  
 Ratchford, Harold Andrew . . . . . North Sydney, C. B. Co.  
 Siddall, Alvin Matthew . . . . . Southampton, Cumb. Co.  
 Smith, George William . . . . . Merigomish, Pic. Co.  
 Sutherland, Donald Roderick . . . . . Malagash, Cumb. Co.  
 Sutherland, David Stockley . . . . . River John Pic. Co.  
 Sutherland, Ira Reginald . . . . . Pictou.  
 Webster, Donald Robertson, B. A. . . . . Pictou.  
 Wilson, Alpheus Marshall . . . . . Barrington, Shelb. Co.  
 Wynter, Luther Reginald . . . . . Jamaica, B. W. I.  
 Young, Sebastian Paul . . . . . Curling, Newfoundland.

## Fifth Year (Six Year Courses).

Bates, John Fabian, B. A. (St. F. X.)	Sydney, C. B. Co.
Berkowitz, Samuel	Chicago, Ill., U. S. A.
Chandisingh, Charles Washington	San Fernando, Trinidad, B.W. I.
Cologrossi, Anthony Leonard	Chicago, Ill., U. S. A.
Diamond, Samuel Eugene	Chicago, Ill., U. S. A.
Drysdale, Cyril Ellis	Halifax.
Dworkin, Louis	Detroit, Michigan, U. S. A.
Forbes, George Ronald	Halifax.
Goldenberg, Jacob Joseph	Hartford, Conn., U. S. A.
Haslam, Herbert deMontfort	Overbrook, Penn., U. S. A.
Homans, Charles Onslow	Port Mouton, Queen's Co.
Karras, George Lycurgus	Chicago, Ill., U. S. A.
Kelley, Hugh Edgar, B. Sc.	Yarmouth.
Kissel, Henry	Bronx, New York, U. S. A.
Kluzak, John Frank	Cicero, Ill., U. S. A.
Levin, Harry Maurice	Chicago, Ill., U. S. A.
Little, Perley, Rettie	Belmont, Col. Co.
MacLatchy, Robert Fraser	Halifax.
McLean, Allan Lockhart	Toronto, Ont.
McOwen, Peter James	Huntington, W. Va., U. S. A.
Maglalang, Gil Lapid	Manila, Philippine Islands.
Marks, Irving Edward	New York, N. Y., U. S. A.
Melanson, Herbert Joseph	Corberrie, Dig. Co.
Mittleman, Edwin John	Chicago, Ill., U. S. A.
Morton, Silvanus Archibald, B. A.	Halifax.
Palevich, Matthew Dominic	Chicago, Ill., U. S. A.
Patel, Manilal Shankerbhai	Vaghashi, India.
Paul, Simon Tholath	Kunnamkulam, South India.
Pierce, Harry Hammond	Cornwall, P. E. I.
Reid, James William	Windsor, Hants. Co.
Rosenthal, Ralph Jack	Chicago, Ill.
Troop, Oscar	New York, N. Y., U. S. A.

## Fourth Year.

Archibald, Robert Brian	Centre Musquodobit, Hfx. Co.
Baird, Harold Emerton	Chipman, N. B.
Becker, Israel	Chicago, Ill., U. S. A.
Beckwith, Charles John Worden, B. A.	Halifax.
Bennett, Raymond Edward	St. John's, Newfoundland.
Brown, Samuel	Chicago, Ill., U. S. A.
Cameron, Edwin	Inverness.
Chisholm, Donald Raymond	Halifax.
Gilchrist, William Sidney	Pictou.
Hamilton, John MacKay	Truro, Col. Co.
Hatfield, George Murray Lewis	Yarmouth.
Irving, Marion Robertson	Buctouche, N. B.
Jacobson, Morris	Dartmouth
Kennedy, Joseph Francis	Flushing, N. Y., U. S. A.
Kirkpatrick, Thomas Alexander	Wirral, N. B.
McQuade, Edwin L.	St. John, N. B.

## Students.

Mader, Antony Ivan, B. A. . . . . Halifax.  
 Mader, Eva Waddell . . . . . Halifax.  
 Morgan, Jack . . . . . Chicago, Ill., U. S. A.  
 Oake, Chesley, Maxwell . . . . . Toronto, Ont.  
 O'Brien, Harry Dow, B. A. . . . . Halifax.  
 Pentz, Walter Henry . . . . . Halifax.  
 Robertson, Harold, B. A. . . . . Halifax.  
 Rogers, Evelyn Frances Hyslop,  
   B. A. . . . . Halifax.  
 Scammell, Harold Lambert . . . . . Pictou.  
 Strongin, Seymour . . . . . Chicago, Ill., U. S. A.  
 Sutherland, James William, B. A. . Malagash, Cumb. Co.  
 Tady, Manuel Celis . . . . . Philippine Islands.  
 Wickwire, John Cox . . . . . Milford Station, Hants Co.  
 Wood, Daniel McLean . . . . . Brookfield, P. E. I.

## Third Year.

Beardsley, James Murray, B. A.  
   (Acad.) . . . . . Wolfville, King's Co.  
 Coward, Norman Barrie . . . . . Buckhurst Hill, Essex, England.  
 Crichlow, Felix Augustus . . . . . San Fernando, Trinidad, B. W. I.  
 Doull, Arthur Ernest . . . . . Halifax.  
 Greer, William Mills . . . . . Westmount, Montreal, Que.  
 Hewat, William Auchmuty . . . . . Halifax.  
 Macdonald, Ian Gibbs . . . . . Halifax.  
 MacKay, Robert William Murray West Branch River John, Pic.  
   Co.  
 MacLean, Hugh MacKay . . . . . Truro, Col. Co.  
 MacLeod, Alexander John . . . . . Eel Cove, Vic. Co.  
 MacMillan, Carleton Lamont . . . . . Sydney, C. B. Co.  
 MacMillan, Duncan . . . . . Twin Rock Valley Inv. Co.  
 McNeil, Melvin Joachim . . . . . Bcularderie, C. B. Co.  
 MacPhee, William Malcolm . . . . . Commercial Cross, P. E. I.  
 Merritt, John William . . . . . Springhill, Cumb. Co.  
 Morris, Geoffrey Marshall . . . . . Windsor, Hants Co.  
 Morrison, Thomas James, B. A. . . . Point Tupper, Rich. Co.  
 Morton, Harry Stafford . . . . . Halifax.  
 Munn, Charlotte . . . . . Marshfield, P. E. I.  
 Murchison, Alexander John . . . . . Clyde River, P. E. I.  
 Murray, Anna Isabel . . . . . Barney's River, Pic. Co.  
 Murray, George Patterson . . . . . Mabou, Inv. Co.  
 Shlossberg, Reuben Samuel . . . . . Sydney Mines, C. B. Co.  
 Soper, William Henry . . . . . Halifax.  
 Stewart, Ferdinand Ernest . . . . . Bluefields, Jamaica, B.W. I.  
 Thurrott, John Carruthers . . . . . Newcastle Bridge, N. B.  
 Toombs, John Garth . . . . . Mount Stewart, P. E. I.  
 Whitman, Herbert Burton . . . . . Dartmouth.

## Second Year.

Allen, Irene Viola . . . . . Summerside, P. E. I.  
 Barnaby, Harold Cogswell . . . . . Bridgewater, Lun. Co.  
 Barrow, Felix FitzHerbert . . . . . Port of Spain, Trinidad, B.W.I.  
 Browne, Carman Crawford . . . . . Dartmouth.  
 Cavanagh, Charles Stewart . . . . . Westville, Pic. Co.

3 28  
2 16

24-25  
174 year

Students.

167

- Mc Gill*
- Fraser, Hugh Artworth . . . . . Halifax.
  - Gosnell, Thomas Lawrence . . . . . St. John, N. B.
  - Grant, Kenneth Milfred . . . . . Glace Bay, C. B. Co.
  - Macdonald, Douglas Fraser . . . . . New Glasgow, Pic. Co.
  - MacEachen, Reginald Hugh . . . . . Egerton, Pic. Co.
  - Mullahoo, Wilfred . . . . . Couva, Trinidad, B. W. I.
  - Nickerson, John Lester . . . . . Halifax.
  - Oxley, Philip Lloyd . . . . . Halifax.
  - Ross, Robert Fail, B. A. . . . . Sydney, C. B. Co.
  - Whittier, Marie Jean . . . . . Elmsdale, Hants Co.
  - Winfield, Gordon Abbott . . . . . Halifax.

First Year.

- 6*
- Giddings, Edgar Stirling . . . . . Murray River, P. E. I.
  - Johnson, Charles Hammond . . . . . St. John's, Newfoundland.
  - Jones, Charles McLean . . . . . Dalhousie, N. B.
  - McCleave, John Rae . . . . . Stewiacke, Col. Co.
  - Patrick, Errol Eric . . . . . Couva, Trinidad, B. W. I.
  - Smith, Carl Huestis . . . . . Halifax.

Special Students.

- MacKay, Margaret Elizabeth,  
B. A. . . . . New Glasgow, Pic. Co.
- McKenna, Olive Snyder . . . . . Sussex, N. B.
- Resnick, Rhoda Saultman . . . . . Parrsboro, Cumb. Co.
- Robinson, Dorothy Edna MacKay Halifax.
- Tattie, Louella Jean, B. A. . . . . River John, Pic. Co.

FACULTY OF DENTISTRY.

Fourth Year.

- Browne, Courtney Tremaine . . . . . Dartmouth.
- Dawson, Willis Gordon . . . . . Eureka, P. C. Co.
- Dunlop, Allan Archibald . . . . . Halifax.
- Green, David Earle . . . . . New Glasgow, Pic. Co.
- Hennigar, Ralph Emerson . . . . . Chester, Lun. Co.
- Johnston, Louis Archibald . . . . . Peter's Road, Montague, P.E.I.
- Lavers, Beverly DeWolfe . . . . . New Ross, Lun. Co.
- Lewis, Thomas Hugh . . . . . Moncton, N. B.
- Losada, Norman Moure . . . . . Basseterre, St. Kitts, B. W. I.
- McDonald, Daniel Lauchlin . . . . . Antigonish.
- Macdonald, George Sanford . . . . . Sydney, C. B. Co.
- Nicholson, Matthew Heslop . . . . . Springhill, Cumb. Co.
- Stanford, Robert Harold . . . . . Dartmouth.
- Willigar, Mark Wylie Gibbons . . . . . Parrsboro, Cumb. Co.

Third Year.

- Barrett, Raymond Henry . . . . . North River, P. E. I.
- Callbeck, Lea Muttart . . . . . North Tryon, P. E. I.
- Dobson, John William . . . . . Halifax.

Eaton, Hugh Macdonald . . . . . Truro. Col. Co.  
 Haverstock, Albert Borden . . . . . Halifax.  
 Israel, Leonard Gordon . . . . . Sydney, C. B. Co.

**Second Year.**

Dewis, George Murray . . . . . Shubenacadie, Hants Co.  
 Godsoe, Walter Henry . . . . . Halifax.  
 Hill, Douglas John . . . . . Halifax.  
 Konig, George Ronald . . . . . Sydney, C. B. Co.  
 MacQuarrie, William Lamond . . . . . Sydney Mines, C. B. Co.  
 Millar, James Purves . . . . . Halifax.  
 Smith, Donald . . . . . Liverpool, Queen's Co.  
 Tupper, James Aubrey . . . . . Bridgewater, Lun. Co.

**First Year.**

Cragg, Thomas Edwin . . . . . Dalhousie, N. B.  
 Hathfield, Edgar Eugene . . . . . Pleasant Lake, Yar. Co.  
 Miller, Frank Lewis . . . . . Sydney, C. B. Co.  
 Murphy, Patrick James . . . . . Sackville, N. B.  
 Ross, Arthur Wylie . . . . . Sydney, C. B. Co.  
 Sproul, John Everett . . . . . Newcastle, N. B.

**Registered for Examinations Only.**

Mutch, James Wendell . . . . . Charlottetown, P. E. I.

## TIME TABLE—FACULTY OF MEDICINE, 1925-26.

Hours	Monday.	Tuesday	Wednesday.	Thursday.	Friday.	Saturday.
<b>First Year.</b>						
9	Chem. 1A...	Biol 1A.....	Chem. 1A....	Biol. 1A.....	Chem. 1A....	Biol. 1A.
10	Physics 1....	Biol. Lab....	Physics 1....	Biol. Lab....	Physics 1....	Biol. Lab.
11	Physics Lab..	Biol. Lab....	.....	Biol. Lab....	.....	Biol. Lab.
12	Physics Lab..	.....	.....	.....	.....	.....
2.30	English 1A...	Chem. Lab....	English 1A...	Chem. Lab....	English 1A...	.....
3.30	History 1A...	Chem. Lab....	History 1A...	Chem. Lab....	.....	.....
4.30	.....	Chem. Lab....	.....	Chem. Lab....	.....	.....
<b>Second Year.</b>						
9	Physics 20....	Chem. 2A Lab	Physics 20....	Physics Lab..	Embryology	Chem. 2A....
10	Chem. 4.....	Chem. 2A Lab	Chem 4.....	Physics, Lab.	Anat., Lab..	Chem. 4, Lab.
11	History 2A....	Chem. 2A, Lab	History 2A....	Physics, Lab.	Anat., Lab..	Chem 4, Lab.
12	Anatomy 1....	.....	Anatomy 1....	.....	Anat., Lab..	Chem 4, Lab.
2.30	Embry. Lab..	Histology, Lab	Anat., Lab....	Histology, Lab	Anat., Lab..	.....
3.30	Embry. Lab..	Histology, Lab	Anat., Lab....	Histology, Lab	Anat., Lab..	.....
4.30	Embry., Lab.	Histology, Lab	Anat., Lab....	Histology, Lab	Anat., Lab..	.....
<b>Third Year.</b>						
9	Bio., Chem., Lab.....	Bacter., Lab..	Physiology 1.	Physiology 1.	Bacter, Lab*	Physiology 1
10	Bio., Chem., Lab.....	Bacter, Lab..	Clin. Med.*	Surg.†.....	Bio.-Chemis..	Mat. Med. Lab
11	Bio. Chem. Lab	Bacteriology 1	.....	Bacteriology*	Bacteriology 1	Mat. Med. Lab
12	.....	.....	.....	.....	Anatomy 2..	.....
2.30	Anat., Lab..	Anatomy 2....	Physiol., Lab.	Anatomy 2....	Anat., Lab..	.....
3.30	Anat., Lab..	Anat., Lab..	Physiol., Lab.	Anat., Lab..	Anat., Lzb..	.....
4.30	Anat., Lab..	Anat., Lab..	Physiol., Lab.	Anat., Lab..	Anat., Lab..	.....
<b>Fourth Year.</b>						
9	Cl. Surg.....	Bacter., Lab..	Cl. Surg.....	Cl. Surg.....	Bacter., Lab.	Bio.-Chem., Lab.
10	Pharmacology	Bacter., Lab..	Pract. Surg...	Pharm. Lab..	Bacter., Lab.	Bio.-Chem., Lab.
11	Pract. Med...	Bacteriology..	Bacteriology*	Pharm., Lab..	Bacteriology.	Bio.-Chem., Lab.
12	Bio.-Chem....	.....	Pract. Med....	.....	Pract. Med..	Clin. Med.
3	Physiology 2.	Physiology 4.	Pharmacology	Physiology 2.	Pharmac....	.....
4	Medicine 1....	Lab(2.30-5.30)	Medicine.....	.....	Lab., Diar..	.....
5	Surgery 1.....	.....	Surgery 1....	.....	Lab., Diag..	.....
<b>Fifth Year.</b>						
9	Obstetrics 2..	V. G. H.....	Children's Hpl.	Obstetrics 2.	V. G. H.....	V. G. H.
10	Cl. Surg.....	Cl. Gyn.....	Cl. Surg.....	Cl. Surg.....	Cl. Gyn.....	Cl. Surg.
11	Cl. Med.....	Tb. Clin.....	Cl. Med.....	Tb. Clin.....	Cl. Med.....	.....
12	.....	.....	.....	.....	.....	.....
3	Ment. Dis....	Morb. Anat...	Med. Jsp.....	Morb. Anat...	.....	.....
4	Surgery 2....	Medicine 2....	Surgery 2....	Medicine 2....	Anat. 3†....	.....
5	Obstetrics 1..	Therapeutics.	Obstetrics 1..	Therapeutics.	.....	.....

\*Fall Term.

†Winter Term.

