



# CALENDAR

1965-1966

## University of King's College

FOUNDED A.D. 1789

HALIFAX, NOVA SCOTIA

177th SESSION

## CONTENTS

Administration .....	9
Alexandra Society .....	166
Almanac .....	4
Alumni Society .....	165
Atlantic Summer School of Advanced Business Administration .....	129
Awards .....	164
Chapel .....	18
<b>Classes Of Instruction:</b>	
Arts and Science .....	55
Divinity .....	112
Constitution .....	16
Degrees and Courses .....	22, 49, 118
Diction .....	128
Discipline .....	19
Enrolment .....	Inside Front Cover
Examinations .....	48
<b>Faculties</b> .....	16
Arts and Science .....	11
Divinity .....	12
Fees and Expenses .....	33
Governors—Board of .....	6
History .....	13
Institute of Pastoral Training .....	136
Library .....	20
Loan Funds .....	165
<b>Regulations:</b>	
General .....	26
Faculty of Arts and Science .....	43
Faculty of Divinity .....	109
Matriculation .....	39
Residence .....	23
<b>Scholarships, Bursaries, Prizes:</b>	
Arts and Science .....	138
Divinity .....	153
Service Training .....	31
Social Work .....	119
<b>Student:</b>	
Employment .....	27
Government .....	19
Health .....	28
Organizations .....	162

## GENERAL UNIVERSITY ALMANAC 1965 - 66

- June 13 Su.—The Atlantic Summer School for Advanced Business Administration begins.
- July 16 F.—The Atlantic Summer School for Advanced Business Administration ends.
- 10 S.—Last day for receiving applications<sup>1</sup> for Fall Supplemental examinations in all faculties.
- Aug. 17 Tu.—Supplementary examinations begin in Arts and Science.
- Sept. 1 Tu.—Last date for receiving applications for admission to Faculty of Arts and Science and Divinity.
- 13 M.—Supplemental examinations begin in Divinity. Registration (and payment of fees) begins for new students in Faculty of Arts and Science and in the School of Divinity. The only regular registration day for new students from Halifax and Dartmouth.
- 14 Tu.—Registration begins for other new students in Faculty of Arts and Science and in the School of Divinity.
- 15 W.—Registration begins for other than new students in Faculty of Arts and Science and in the School of Divinity.
- 18 S.—12 noon. Regular registration<sup>2</sup> period ends for students in Arts and Science and in the School of Divinity. Halifax Students will not be registered on this day. Late fee payable after this date.
- 20 M.—8.30 a.m. Classes begin in Arts and Science and Divinity.
- 23 Th.—Meeting of Arts and Science Faculty Council. Meeting of the Divinity Faculty.
- 27 M.—Last day for change of course in Faculty of Arts and Science<sup>3</sup> and School of Divinity.
- Oct. 2 S.—Final date for late admission (Arts and Science and Divinity).
- 11 M.—Thanksgiving Day No classes.
- Nov. 11 Th.—Remembrance Day. No classes.
- Dec. 18 S.—12 noon. Christmas vacation begins.

<sup>1</sup> Fee must accompany application for examination. If a late application is accepted, an additional fee of \$2.00 per day (maximum \$5.00) must be paid. The late fee applies between July 16 and 31. No applications will be considered after July 31 and no refund of fee will be paid after this date.

<sup>2</sup> Late registration requires approval of the Dean of the Faculty, and an extra fee not to exceed \$5.00 per day or a total of \$35.00.

<sup>3</sup> Charge of \$1.00 for changing course after this date. For classes cancelled after this date, see p. 38.

1966

- Jan. 3 M.—8.30 a.m. Classes resumed.
- Feb. 5 S.—Winter Carnival. No classes.
- Mar. 8 Tu.—Munro Day. No classes.
- Apr. 1 Th.—Last day for receiving applications for examinations for Spring supplemental examinations<sup>1</sup>.
- 13 W.—Last day of classes in Arts and Science and Divinity.
- 18 F.—Good Friday. No classes.
- 19 Tu.—Spring examinations begin in Arts and Science and Divinity.
- May 6 F.—11.00 a.m. Meeting of Faculty of Arts and Science.
- 8 — 2.30 p.m. Meeting of Divinity Faculty.
- 8 Su.—11.00 a.m. Baccalaureate Service (King's)
- 11 W.—Encaenia Day—King's Convocation—Divinity, and Social Work.
- 12 Th.—University Convocation. Regular session ends.



## OFFICE HOURS

- Week days (Monday-Friday) —9.00 a.m. - 5.00 p.m.
- June, July, August (Monday-Friday) —9.00 a.m. - 4.30 p.m.

<sup>1</sup> Fee must accompany application.

## Officers of the University: 1965 - 66

### PATRON

The Most Reverend the Lord Archbishop of Canterbury and  
Primate of All England

### VISITOR

The Right Reverend the Lord Bishop of Nova Scotia

### CHANCELLOR

Robert H. Morris, M.C., B.A., M.D., F.A.C.S.

### VICE-CHANCELLOR

Harry Douglas Smith, C.D., M.A., Ph.D.

### BOARD OF GOVERNORS EX OFFICIO

The Rt. Rev. W. W. Davis, B.A., B.D., D.D., D.C.L., Chairman,  
Halifax, N. S.

The Most Rev. A. H. O'Neil, M.A., B.D., D.D., LL.D., Vice-  
Chairman, Fredericton, N. B.

H. D. Smith, C.D., M.A., Ph.D., President and Vice-Chancellor,  
Halifax, N. S.

Professor F. H. Page, M.A., Vice-President, Halifax, N. S.  
George Unwin, Esq., Halifax, N. S.

### DIOCESE OF FREDERICTON (1965 - 67)

The Very Rev. H. L. Nutter, B.S.Litt., M.A., D.D., Fredericton,  
N. B.

The Ven. C. LeRoy Moorers, B.A., D.Cn.L., East Saint John,  
N. B.

The Rev. W. E. Hart, B.A., R. R. 1, Bloomfield Station, N. B.

### (1964 - 66)

The Ven. A. E. L. Caulfield, B.A., L.S.T., Saint John, N. B.

The Rev. Canon J. E. Lane, B.A., L.Th., Fredericton, N. B.

The Rev. R. B. Stockall, R.B., L.Th., Fredericton, N. B.

## DIOCESE OF NOVA SCOTIA

### (1965 - 67)

His Hon. Judge Hudson, B.A., LL.D., D.C.L., Halifax, N. S.  
The Ven. J. H. Graven, B.A., M.A., L.Th., Lunenburg, N. S.  
G. D. Stanfield, Esq., Halifax, N. S.

### (1964 - 66)

The Rev. Canon H. B. Wainwright, B.A., L.Th., Halifax, N. S.  
The Rev. Canon G. F. Arnold B.A., L.Th., M.A. (Dal), B.D.,  
Halifax, N. S.  
E. W. Balcom, Esq., Wolfville, N. S.

## ALUMNI ASSOCIATION

### (1964-66)

C. Bruce Cochran, C.D., B.Comm., Halifax, N. S.  
Marion Dauphinee, B.A., M.A., D.C.L., Halifax, N. S.  
The Rev. L. F. Hatfield, B.A., M.A., L.Th., D.D., Dartmouth,  
N. S.  
Donald R. Towers, B.A., D.C.L., Cheshire, Conn., U.S.A.

### (1965 - 67)

The Very Rev. E. B. N. Cochran, B.A., L.Th., D.D., Halifax,  
N. S.  
The Hon. W. S. K. Jones, B.A., LL.B., D.C.L., Liverpool, N. S.  
Henry F. Muggah, Q.C., LL.B., Halifax, N. S.  
G. Frederick Butler, B.A., M.A., Armdale, N. S.

## CO-OPTED MEMBERS

G. S. Unwin, Esq. . . . . (to 1966) Halifax, N. S.  
G. R. K. Lynch, B.A., LL.B. . . . . (to 1966) Halifax, N. S.  
G. J. Currie, B.Sc., P.Eng., M.E.I.C. (to 1967) Halifax, N. S.  
C. J. Morrow, Esq. . . . . (to 1967) Lunenburg, N. S.  
H. F. G. Stevens, LL.B. . . . . (to 1967) Halifax, N. S.  
C. E. Simms, Esq. . . . . (to 1968) Halifax, N. S.  
J. F. L. Jackson, B.A. . . . . (to 1968) Rothesay, N. B.  
R. G. Smith, Esq. . . . . (to 1969) Halifax, N. S.

**EXECUTIVE COMMITTEE**

The Right Reverend the Lord Bishop of Nova Scotia  
 The Most Reverend the Lord Archbishop of Fredericton  
 The President of the University  
 The Vice-President  
 The Treasurer—G. S. Unwin, Esq.

The Very Rev. E. B. N. Cochran      G. R. K. Lynch, Esq.  
 Judge J. E. Hudson                      The Very Rev. H. L. Nutter  
 The Rev. Canon J. E. Lane              H. F. G. Stevens, Esq.  
 C. E. Simms, Esq.

**GOVERNORS EMERITI**

R. V. Harris, Q.C., M.A., D.C.L., D.Ch.L., Halifax, N. S.  
 D. S. Fisher, D.C.L., Sackville, N. B.  
 Col. K. C. Laurie, D.C.L., Oakfield, N. S.

**KING'S COLLEGE DIVINITY SCHOOL COUNCIL**

The Right Rev. the Bishop of Nova Scotia  
 The Most Rev. the Archbishop of Fredericton  
 Dr. Harry D. Smith                      The Rev. Dr. J. B. Hibbitts  
 The Ven. A. S. Hart                      The Very Rev. H. L. Nutter  
 The Ven. A. F. Bate                      The Rev. Canon G. F. Arnold  
 The Ven. A. S. Coster                    The Rev. Canon G. S. Tanton  
 Dr. J. F. H. Teed                        The Rev. Canon H. B. Wainwright  
 Eric Balcom, Esq.                        The Ven. C. LeRoy Mooers  
 Judge J. Elliott Hudson                The Rev. Canon J. E. Lane

**REPRESENTATIVES ON DALHOUSIE UNIVERSITY BOARD OF GOVERNORS**

G. S. Unwin, Esq.  
 G. R. K. Lynch, Esq.

**REPRESENTATIVES ON THE BOARD OF GOVERNORS KING'S COLLEGE SCHOOL, WINDSOR, N. S.**

The Very Reverend E. B. N. Cochran  
 Dr. H. D. Smith

**SECRETARY TO THE BOARD OF GOVERNORS**

Miss E. D. Horlock, B.A., Halifax, N. S.

**OFFICERS OF ADMINISTRATION**

**President**—Harry D. Smith, C.D., M.A., (Dal.), Ph.D. (Laval)

**Vice-President**—Professor F. H. Page, M.A., (Tor.)

**Dean of Divinity**—The Reverend J. B. Hibbitts, M.A. (Dal.), B.S.Litt. (Vind), S.T.M. (Gen. Theol. Sem., N.Y.), D.Phil. (Oxon.)

**Registrar**—The Reverend J. R. McMahon, B.A. (Dal.-King's), L. Th. (King's)

**Assistant Registrar**—Mrs. G. Clark

**Business Manager**—Miss Allison Conrod

**Dean of Men**—Prof. Etienne Duval, B.A. (Ottawa), LL.B. (Montreal), M.A. (South Western)

**Dean of Women**—Kathleen Covert, B.A., B.Ed. (Dal.)

**Librarian**—Catherine Campbell, B.A. (Dal.), B.L.S. (Tor.)

**OFFICERS OF CONVOCATION**

**Chancellor**—Robert H. Morris, M.C., B.A., M.D., F.A.C.S.

**Vice-Chancellor**—Harry D. Smith, C.D., M.A. (Dal.), Ph.D. (Laval), 6360 Coburg Road, Halifax, N. S.

**Clerk**—The Reverend C. W. F. Stone, B.A., B.D. (Vind.), 1525 Larch Street, Halifax N. S.

**Public Orator**—J. P. Atherton, M.A. (Oxon.), 277 Purcell's Cove Road, Boulderwood, N. S.

**CHANCELLORS OF THE UNIVERSITY**

Very Rev. Edwin Gilpin, D.D., D.C.L. . . . . . 1891-1897  
 Edward Jarvis Hodgson, D.C.L. . . . . . 1897-1911  
 Sir Charles J. Townshend, D.C.L. . . . . . 1912-1922  
 Most Rev. John MacKenley, D.D. . . . . . 1937-1943  
 Hon. Roy Lawson, O.B.E., LL.D., D.Ch.L., D.C.L. . . . . 1948-1956  
 Lionel Avarad Forsyth, Q.C., D.C.L. . . . . . 1956-1958  
 H. Ray Milner, Q.C., D.Ch.L., D.C.L., LL.D. . . . . . 1958-1963  
 Robert H. Morris, M.C., B.A., M.D., F.A.C.S. . . . . 1964-

PRESIDENTS' AND VICE-PRESIDENTS OF THE  
UNIVERSITY

The Rev. Dr. William Cochran	1789-1807
The Rev. Charles Porter	1807-1836
The Rev. Dr. George McCawley	1836-1875
The Rev. Dr. John Dart	1875-1885
The Rev. Dr. Isaac Brock	1885-1889
The Rev. Dr. Charles Willets	1889-1904
Dr. Ian Hannah	1905
The Rev. Dr. C. J. Boulden	1905-1909
The Rev. Dr. T. M. Powell	1909-1914
The Rev. Dr. T. S. Boyle	1916-1924
The Rev. Dr. A. H. Moore	1924-1937
The Rev. Dr. A. Stanley Walker	1937-1953
The Rev. Dr. H. L. Puxley	1954-1963
Dr. Harry D. Smith	1963-1965

KING'S COLLEGE  
FACULTY  
Sketch

- Canada began in 1789  
Halifax, N. S. establishment it was,  
King's College  
foundation of that  
King's College,  
did not survive  
its re-organiz-  
e was under-  
ist political  
seminary  
its them-  
ter was  
Mindsor,  
action  
be
- 12
- Harry D. Smith, C.D., M.P.  
6360 Coburg Road  
Halifax, N. S.
- The Rev. J. B. Hibbit  
(Gen. Theol. Sem.)  
Halifax, N. S.
- The Rev. C. W.  
Professor of Lia  
Sociology
- The Rev. Fr.  
Alexan  
tary
- The Rev. R.  
of  
Edwa
- Frantisek  
Oxford S.
- H. S. Granter, B.A.  
Professor of Histor.
- Ernest Lloyd Heighton,  
Professor of Mathematics,
- R. MacGregor Dawson, M.A. (1.  
ant Professor of English, 1590
- J. P. Atherton, M.A. (Oxon.)—Assistant  
277 Purcell's Cove Road, Boulderwood,
- A. G. Cannon, M.A. (Lond.), A.K.C., F.R.S.  
Professor of English, 4 Gardencrest Apts., 15-  
St., Halifax, N. S.
- Conrad M. Ouellette, B.A. (Hons) (Maine)—Assistant  
Professor of Economics, King's College, Halifax, N. S.

PRESIDENTS AND VICE-PRESIDENTS OF THE  
UNIVERSITY

The Rev. Dr. William Cochran.....	1789-1807
The Rev. Charles Porter.....	1807-1836
The Rev. Dr. George McCawley.....	1836-1875
The Rev. Dr. John Dart.....	1875-1885
The Rev. Dr. Isaac Brock.....	1885-1889
The Rev. Dr. Charles Willets.....	1889-1904
Dr. Ian Hannah.....	1905
The Rev. Dr. C. J. Boulden.....	1905-1909
The Rev. Dr. T. M. Powell.....	1909-1914
The Rev. Dr. T. S. Boyle.....	1916-1924
The Rev. Dr. A. H. Moore.....	1924-1937
The Rev. Dr. A. Stanley Walker.....	1937-1953
The Rev. Dr. H. L. Puxley.....	1954-1963
Dr. Harry D. Smith.....	1963-1965

ACADEMIC STAFF  
KING'S FACULTY OF ARTS AND SCIENCE  
(1965 - 66)

**Harry Douglas Smith, C.D., M.A. (Dal.), Ph.D. (Laval)**—  
President, 6360 Coburg Road, Halifax, N. S. Special  
lecture in French.

**F. Hilton Page, M.A. (Tor.)**—Vice-President, Professor of  
Philosophy (Head of Department), 1135 Rockcliffe St.,  
Halifax, N. S.

**Frantisek Uhlik, Ph.D. (Prague)**—Professor of Sociology,  
Oxford St., Halifax, N. S.

**H. S. Granter, B.A. (Dal.), A. M. (Harvard)**—Associate Pro-  
fessor of History, 1171 Cartaret St., Halifax, N. S.

**Ernest Lloyd Heighton, B.Sc., M.A. (Dal.)**—Assistant Pro-  
fessor of Mathematics, 6270 Jubilee Rd., Halifax, N. S.

**R. MacGregor Dawson, M.A. (Tor.), B.Litt. (Oxon.)**—Assist-  
ant Professor of English, 1590 Walnut St., Halifax, N. S.

**J. P. Atherton, M.A. (Oxon.)**—Assistant Professor of Classics,  
277 Purcell's Cove Road, Boulderwood, N. S.

**A. G. Cannon, M.A. (Lond.), A.K.C., F.R.S.A.**—Assistant  
Professor of English, 4 Gardencrest Apts., 1544 Summer  
St., Halifax, N. S.

**Conrad M. Ouellette, B.A. (Hons) (Maine)**—Assistant Pro-  
fessor of Economics, King's College, Halifax, N. S.

FACULTY OF DIVINITY  
(1965 - 66)

- Harry D. Smith, C.D., M.A. (Dal.), Ph.D. (Laval)—President,  
6360 Coburg Road, Halifax, N. S.
- The Rev. J. B. Hibbitts, M.A. (Dal.) B.S.Litt. (Vind), S.T.M.  
(Gen. Theol. Sem., N. Y.) D.Phil. (Oxon)—Dean of Divinity  
and Professor of Biblical Studies, 1625 Preston St.,  
Halifax, N. S.
- The Rev. C. W. F. Stone, B.A., B.D. (Vind)—Associate Professor  
of Liturgics, 1525 Larch St., Halifax, N. S.
- The Rev. Frantisek Uhlik, Ph.D. (Prague)—Professor of  
Sociology, Oxford St., Halifax, N. S.
- The Rev. R. J. R. Stokoe, B.Sc., B.A., Dip. Th. (Dunelm)—  
Alexandra Associate Professor of Pastoralia and Secretary  
of the Faculty, 6042 South St., Halifax, N. S.
- The Rev. R. E. Reeve, M.A., B.D. (Oxon)—Associate Professor  
of Dogmatic and Moral Theology and Lecturer in Church  
Music, 6345 Coburg Rd., Halifax, N. S.
- Edward Roberts, A.R.C.M.—Lecturer in Diction and Voice  
Production, 6 Elmwood Apts., 5289 South St., Halifax,  
N. S.
- The Rev. D. T. A. Haviland, B.A., B.S. Litt. (Vind)—Special  
Lecturer in Hellenistic Greek, 6 Dakin Drive, Rockingham,  
N. S.
- The Rev. G. W. Philpotts, L.Th. (Wycl.), Th.M. (Chic.),—  
Special Lecturer in Homiletics, 1687 Vernon St., Halifax,  
N. S.
- Judge J. E. Hudson, B.A., LL.B., D.C.L.—Special Lecturer  
in Church Polity and Canon Law, The Juvenile Court, Law  
Courts Bldg., Halifax, N. S.

## University of King's College Historical Sketch

The history of higher education in Canada began in 1789 with the founding at Windsor, Nova Scotia, of the University of King's College. At the time of its establishment it was, with the exception of the fifteenth-century King's College in Cambridge and in Aberdeen, the only foundation of that name in existence. Although there had been a King's College, New York, chartered by George II in 1745, it did not survive the end of the colonial period in America and its re-organization in 1784 under the name of Columbia College was undertaken on an entirely different plan. The Loyalist political and religious principles upon which the New York seminary had been founded, migrated, along with the Loyalists themselves, to Eastern Canada and in 1802, a Royal Charter was granted by George III proclaiming King's College, Windsor, "the Mother of an University for the education and instruction of youth and students in Arts, to continue forever and to be called King's College."

Since that time, King's has maintained in Canada certain of the Oxford traditions. In 1920, when the original buildings were destroyed by fire, the University moved to Halifax, where, with the assistance of the Carnegie Corporation, new buildings were eventually erected on the campus of Dalhousie University. In 1930 it entered into partnership with Dalhousie which, with a Royal Charter dating from 1820, is the third of Canada's senior universities. This novel arrangement, by which the English and Scottish University traditions were united, is upheld by a special agreement under which the two have maintained joint faculties of Arts and Science, so that undergraduates of King's read for the B.A. and B.Sc. of Dalhousie. King's has left her own degree-granting powers in abeyance in these faculties and now gives degrees in theology by examination together with honorary degrees in Divinity and Laws.



In May 1941, the King's College buildings were taken over by the Royal Canadian Navy as an Officer's Training Establishment, and during the next four years, until May 1945, nearly 3100 officers were trained for sea duty with the R.C.N. The students and academic staff of King's carried on during this period through the kindness of Dalhousie University and Pine Hill Divinity Hall.

King's College is residential, on the Oxford and Cambridge pattern, and, in addition to the day students who live out, 125 men and 100 women can be accommodated in residence. Dinner in Commons Hall is formal with Latin grace; the wearing of academic dress is required of all members of the College *in statu pupillari* and the emphasis is everywhere upon the corporate life. The inestimable benefits of life in a small residential college are, in England at least, an accepted part of the "Oxbridge" tradition, but this is certainly not so in North America, where universities have in general followed either the German policy of having no residential facilities at all, or the English provincial plan of housing a proportion of the student body in "halls of residence" entirely separated from the university itself. The corporate life in King's thus emerges as something rare on the North American continent, since it is designed to educate "the whole man" and not simply to train him for specific examinations.

In addition to its athletic activities, the College runs a vigorous Debating Society, known as the "Quinctilian", and a Dramatic Society which stages two plays each year. Daily services are held in the Chapel for those who wish to participate; although the College is an Anglican foundation and incorporates a School of Divinity for the training of Anglican clergy, there is no denominational bar aimed at the exclusion of non-Anglicans from membership of the College, either as lecturers or students. Several members of the Faculty are themselves resident and function in the traditional manner as "dons" for the staircases or "bays". As a matter of mild interest, the bays are named: Chapel Bay is the most distant from the Chapel; Middle Bay is not in the middle; North Pole Bay in on the South side and its proximity to the furnace

makes it the warmest, while Radical Bay houses the theological students. The residential structure of the College is, in this respect, a practical manifestation of donnish humour of a kind not often encountered on the Western side of the Atlantic. Alexandra Hall is the residence for women, and the newest area for men is Cochran Bay.

Now that there are many large overcrowded universities which find it difficult if not impossible to concentrate upon anything not strictly connected with a student's graduation at the earliest possible time, there is all the more reason for the encouragement of the small residential university wherein the future leaders of society may be educated towards the acceptance of social and moral responsibility. The education of such people must be conducted on an individual, not a mass, basis.

King's tries to be a miniature of the Christian ideal of the larger community and as such can never be considered an anachronism. It is this, rather than any of the more superficial observances, which links King's with the older universities of Britain and makes it unusual in Canada.

## CONSTITUTION

The Board of Governors is the Supreme Governing Body of the University. It consists of the Bishops of the Diocese of Nova Scotia and Fredericton, the President of the University, the Vice-President and the Treasurer, together with eight members elected by the Alumni Association, six by each of the Synods of Nova Scotia and Fredericton, and not more than eight co-opted members. The Governors have the management of the funds and property of the College, and the power of appointment of the President, professors and officials. The Board appoints an Executive Committee.

Convocation consists of the Chancellor and the Vice-Chancellor, together with all Bachelors of Divinity and Masters and Doctors of the University; Members of the Board of Governors and of the Faculty of Arts and Science who hold the degree of Master or Doctor from any recognized University; members of the Faculty of Divinity; Fellows of the University and Bachelors of the University of five years' standing who are recognized by the Clerk of Convocation. All degrees are conferred by Convocation.

The Faculties consist of the members of the teaching staff on the King's Foundation in the Faculty of Arts and Science under the Agreement of Association with Dalhousie University and the members of the teaching staff in the School of Divinity.

## FACULTIES

### Faculty of Arts and Science

The University of King's College having entered an association with Dalhousie University, the students registered in Arts and Science attend classes jointly with Dalhousie students. These classes are given by Dalhousie professors or by professors on the King's Foundation, depending on the course taken. The students of both institutions follow the same curriculum, take the same examinations, and must attain the same academic standard.

## Faculty of Divinity

The school of Divinity is under the direction of the Divinity School Council which is responsible to the Board of Governors. Degrees and diplomas in Theology are awarded to candidates fulfilling the necessary academic requirements, regardless of religious denomination or sex. Students are also prepared to meet Ordination requirements in the Anglican Church of Canada. The Course of Study for these candidates is subject to the Bishops in the Dioceses of Nova Scotia and Fredericton.

## AFFILIATED INSTITUTIONS

The Maritime School of Social Work was incorporated in 1941.

The Atlantic Summer School of Advanced Business Administration was founded in 1952.

The Institute of Pastoral Training was founded in 1955.

## EXEMPTIONS GRANTED TO KING'S COLLEGE BY OTHER INSTITUTIONS

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

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

### PRIVILEGES GRANTED TO UNIVERSITY OF KING'S COLLEGE STUDENTS BY FINE ARTS GROUPS

Students of University of King's College have the privilege of attending a variety of musical and dramatic events at reduced rates. Organizations which extend this privilege include:

Halifax Community Concerts  
Halifax Ladies' Musical Club  
Halifax Symphony  
Theatre Arts Guild

Travelling art exhibits are on display in the University Art Gallery throughout the academic year.

### CHAPEL

Regular worship is an integral part of the facilities afforded by the University. All students are encouraged to attend the daily morning and evening services in the College Chapel. On Sunday mornings, all students are expected to attend the Chapel Service or some other service of their choice.

Services are held as follows:

Sundays	8:30 a.m.	Holy Communion
		Other services as arranged
Weekdays	7:30 a.m.	Morning Prayer and Holy Communion
	5:15 p.m.	Evening Prayer

The service on Wednesday morning is a College Corporate communion.

While the services in the Chapel follow the Anglican rite, students of all denominations are welcome and encouraged to attend.

The Rev. D. F. L. Trivett has been appointed University Anglican Chaplain and will be arranging a programme for the Dalhousie campus.

### DISCIPLINE

The maintenance of discipline is in the hands of the President, the Deans, and the Professors. Under powers delegated by the Board of Discipline, undergraduates exercise a measure of self-government in maintaining good order and discipline in the residences. Students conducting themselves in an unbecoming manner on or beyond the premises of the College during the session may be fined, rusticated, suspended or expelled. When a student is expelled from residence there is no return of fees.

Resident students of the first and second years under twenty-one years of age may not bring cars to the campus and no students may bring motorcycles. Resident students of more than two years standing may have cars on the campus after obtaining permission from the Dean. Before such permission is given, a student must provide a (1) letter from his parent or guardian giving approval and (2) evidence that the car is insured. (3) Pay the parking fee. There are a limited number of parking spaces available.

Students are required to be properly and neatly dressed at all times. Each student must have a gown, which may be purchased at the office of the Dean of Women.

All students are expected to attend all lectures and laboratories regularly and punctually and to perform all exercises assigned by the Faculty. Habitual absence from classes and laboratories will be viewed most seriously by the Board of Studies.

### STUDENT GOVERNMENT

Student government representative of King's College are elected during the spring term to various offices within the King's College Student Union. The Student Assembly, The Students' Council, The Women's Residence Council and The Men's Residence Council. Constitutional procedures have been drawn up by the students to enable them to administer student activities, and to discharge as much as possible the responsibility to themselves and to the College for student activities, behaviour and student affairs related to a healthy college life.

Dons in the Bays, the Dean of Men, the Dean of Women, the Registrar, Business Manager, Faculty and President are in positions of help and authority, and the people filling these offices will aid, and direct where necessary, the actions of students, and will act as much as within their power in the best interests of the students and the College.

### KING'S COLLEGE LIBRARY

King's College Library was founded in 1789. Just after the Royal charter was granted to the College in 1802, Bishop Inglis sent his son to England with \$250 to begin the purchase of books. The library grew steadily during the 19th century and was probably one of the best libraries in English-speaking Canada of the time. There were various benefactors over the years, chief of whom was Thomas Beamish Akins. From Mr. Akins the library received most of its rare collection of some 40 incunabula (books printed before 1500, that is, during the first fifty years since the invention of printing with movable type). This is a remarkable number of these very rare books to be found in such a small library.

King's Library is very rich in the field of English literature. Much of the credit for the development in this field must go to the late Professor Burns Martin. The Professor Burns Martin Memorial Fund continues to aid the library's growth in this area.

With the help of the William Inglis Morse Endowment for Canadiana, this important area of study is growing steadily as more and more works are being published about our country.

The largest proportion of books, however, is found in the field of Theology. This collection is large and comprehensive and constantly kept up to date. The John Haskell Laing Memorial Bequest helps with the purchase of books in this field.

Book purchases in the general field are aided by memorial funds to the following persons: the Hon. William Johnston Almon, Frances Hannah Haskell, James Stuart Martell, and Thomas Henry Hunt (Alumni Memorial).

The library is open Monday to Friday from 8.45 a.m. to 5.30 p.m., and 7.00 p.m. to 10.45 p.m. On Saturdays the hours are 9.00 a.m. to 12.00 noon. For part of the session the reading room will be open on Saturday and Sunday from 2.00 to 5.00 p.m.

The student loan period for all books except those on reserve is one week. Books on the reserve lists may be borrowed for a period of three days or overnight only. Overnight books may be used in the library during the day and taken out anytime after 3.30 p.m. They are due at 10.00 a.m. the following morning.

Fines will be charged for overdue books at the rate of five cents a day. Overnight reserves will have an overdue charge of five cents an hour while the library is open.

Students are given the privilege of borrowing books for the summer.

### DEGREES AND COURSES

The degrees of Doctor of Divinity, Doctor of Civil Law, may be conferred *honoris causa* in recognition of eminent literary, scientific, professional or public service.

The dignity and honour of Fellow may be conferred by the vote of Convocation upon any friend of the University for noteworthy services rendered on its behalf.

Convocation confers the degrees in course of Doctor of Divinity and Bachelor of Divinity (on recommendation of the Board of Examiners of the General Synod of the Anglican Church of Canada), Master of Social Work (on the recom-

mendation of the Maritime School of Social Work), Bachelor of Sacred Letters and Bachelor of Sacred Theology. Courses are prescribed for the diplomas: Licentiate of Theology, Student of Theology, Associate of King's College, Nova Scotia.

Pre-professional work in Arts and Science by students intending to enter one of the Dalhousie professional schools may be taken as a student of King's College.

### OTHER COURSES

#### Master of Social Work

King's, like most other Maritime Universities, has entered into an agreement with the Maritime School of Social Work to confer the degree of Master of Social Work on those students who have completed successfully the requirements laid down for this degree. For further details a prospective student should write to the Director, Maritime School of Social Work, 150 Coburg Road, Halifax.

#### Master of Arts and Master of Science

In accordance with the Terms of Association, a graduate cannot take a Master's degree while enrolled at King's, but the attention of undergraduates is especially drawn to the standing and conditions needed in their courses before being admitted to work for a Master's degree.

#### Bachelor of Education

King's College graduates are eligible for the course leading to a Degree in Education. Education 1 is the only course for which undergraduates are permitted to register.

By arrangement with the Nova Scotia Department of Education, graduates in Arts and Science who have completed the course at Dalhousie University leading to a Degree in Education subsequent to receiving their degree in Arts or Science

may receive a permanent Professional Certificate (class II) to teach in any public school in Nova Scotia. Mastery of the content of this course is a necessary step toward securing the Professional Certificate (Class I).

### KING'S COLLEGE RESIDENCE 1965 - 66

**Registrar**—The Rev. James R. McMahon, B.A. (Dal.-King's),  
L.Th. (King's)

**Dean of Men**—Prof. Stephen F. Duval, B.A. (Ottawa), L.L.B.  
(Montreal), M.A. (South Western)

**Dean of Women**—Mrs. Kathleen Covert, B.A., B.Ed. (Dal.)

**Dons**—Prof. Ouellette, B.A. (Hons) (Clark)

John Burns, B.A. (Alberta)

Prof. Stephen Duval (Dean of Men) B.A., M.A., L.L.B.

George Hale (Resident Doctor)

Alan Ruffman, B.Sc.

Residence life at the University is the rule for all students because the community life there enjoyed forms an essential part of the student's education. Exceptions will be made in the case of a student living at home or with relatives living within easy travelling distance of the College.

Male students live in the men's bays (Chapel, Middle, Radical, North Pole and Cochran), each housing 22-26 men, under the supervision of a resident Don. Female students live in Alexandra Hall, a residence accommodating 100 girls, under the supervision of the Dean of Women.

All rooms are furnished with bed, dresser, closet, desk and chairs, but students are required to provide their own bedding and towels, and to attend to their own laundry arrangements. Coin-operated washing and drying equipment is provided in both men's and women's residences. Buildings are heated from a central heating plant, as is hot water for domestic use.

Single and double rooms are available to both men and women, priority for single rooms being given to students in their senior years.

The residences have been designed to provide for the comfort and convenience of the students, **and to facilitate study.** In the men's residence, two students occupy a suite of two rooms (bedroom and study). The men's common room and lounge is open to residents of all bays, as is the Haliburton Room, a gathering place for all students and the site of many student activities.

The women's residence was built in 1962 and is modern in every respect. It contains, besides the rooms in which female students live, a reading room, lounges, games room, a service elevator and ample storage space.

Both residences are designed so that it is not necessary to go outside for meals and extra-curricular activities.

Meals are prepared and served to all resident students in Prince Memorial Hall, erected in 1962.

Students accepted in residence must remain for the whole session, or, in the case of withdrawal during the session, must obtain substitutes satisfactory to the Dean. All residents will be charged with room for the complete session and will be liable for this charge unless or until a substitute has assumed obligation to the University for the balance. No student may withdraw from the residence without notice to the Dean.

The residence will be opened for students from the evening of September 12, 1965, until the morning of December 18, 1965, and from the evening of January 2, 1966, to the morning of May 13, 1966. Resident students in faculties whose terms exceed these periods may reside in the College by permission of the Dean on payment of rent; and, when Prince Hall is open, meals may be eaten by arrangement with the Steward.

(Students **not** in their graduating year will be expected to vacate the residence on the day following their last examination.)

Confirmation of accommodation will not be made until the student has been accepted by the University for the coming session and a \$50.00 residence deposit has been received by the Business Office. Deposits for all applications made prior to July 15th, must be received by that date. Applications for Residence accommodation made after July 15th must be accompanied by the \$50.00 deposit. Cancellation of application received by the Registrar prior to September 1st will entitle the student to a refund of the \$50.00 deposit.

## GENERAL UNIVERSITY REGULATIONS†

### Registration

All students of the University are required to appear in person at registration and 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.

Under no circumstances may a student register unless all previous accounts to the university are paid.

Students withdrawing from the University or intending to discontinue the work of any Arts or Science class must notify the Registrar and the Business Manager.

### Discipline

If a student is required by a Faculty to discontinue attendance in the Faculty solely because he has failed to maintain the required academic standing, he is not regarded as dismissed on grounds of general discipline and his right to be considered for admission to another faculty is unaffected.

When the work of a student is unsatisfactory, or his attendance is irregular without sufficient reason, he may be dismissed from one or more classes, or from the University.

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

### Non-Academic Student Activities

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

(a) Students on probation in any Faculty. (b) Students registered for fewer than ten lectures per week, a period of two laboratory hours being regarded for this purpose as equi-

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

\* These regulations do not apply to the Dramatic Society.

valent to one lecture. (c) Students who have more than two failures in college subjects.

### Dalhousie Libraries

King's students enjoy the same privileges in the Dalhousie Libraries as Dalhousie students. For regulations and hours see the current Dalhousie calendar.

### Other Libraries

Arrangements can be made for King's students to use the Halifax Public Library, the Nova Scotia Technical College Library, Pine Hill Library and the Legislative Assembly Library.

### Conferring Of Degrees

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

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

### Student Employment

The National Employment Service of the Unemployment Insurance Commission, in co-operation with the University, maintain an office on the campus from September to May (inclusive). This is done to assist students in obtaining employment and to assist employers wishing to recruit at Dalhousie.

All students wishing assistance in obtaining part-time, summer, or graduates seeking permanent employment, are urged to register early in October with the University Placement Officer, LeMarchant Street.

There is an opportunity for students to earn part of their college expenses by working in the Library, Gymnasium or Dining Hall.

### Students' Counsellor

Students worried or anxious about any matter are invited to consult the students' counsellor, who is a physician with broad experience in other fields. There is no fee for this service and all interviews are strictly confidential.

Office hours: 2.30 p.m. to 5.00 p.m., Monday through Friday, Room 211, Arts and Administration Building.

### Tutors

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

### Student Health Service

The Student Health Service is located at the Dalhousie Public Health Clinic, 5849 University Avenue.

1. All students registering for the first time at the University are required to submit a certificate of health. This requires a physical examination by the student's personal physician and the completion by the physician of the University's Health record.
2. All students returning to the University are required to complete an annual medical questionnaire at the time of registration.
3. Annual examinations will be required of all students who are found on admission to be in a low medical category, and also of students participating in major sports.
4. Tuberculin Tests.
  - (1) All students are required to have an annual tuberculin test. The purpose of this test is to protect students from the risk of infection by carriers who may not display any visible signs of disease or be aware of their condition. The effectiveness of such precautionary measures is reduced very considerably unless every student is tested. The co-operation of students in this simple and harmless test is vital to the welfare of the entire student body.
  2. Students will be required to return for the interpretation of the test. If the reaction is positive a chest X-ray will be required.

- (3) Students who are conscientious objectors to the tuberculin test or X-ray must indicate this and obtain a certificate of good health from the Student Health Service. **The tuberculin test is a requirement for registration. Those who do not complete this requirement will not be fully registered and will be required to pay the fee for late registration.**
5. Medical Care.
 

Students requiring medical attention should telephone the Student Health Service (429-1420, local 367) for an appointment. The clinic is open from 9.00 a.m. to 12.00 noon, and from 1.30 p.m. to 5 p.m. Monday through Friday. Students requiring medical attention at such times as the Clinic is not open should telephone 423-4424.

### 6. Emergency Treatment.

In the event of a medical emergency students should telephone the Student Health Service. If they do not obtain an answer from this office, they should report directly to the Emergency Department of the Victoria General Hospital.

### 7. Hospital Care

In most instances, Canadian Students are eligible to receive insured standard ward care in the Halifax Hospitals should hospitalization be necessary during their University year. This is provided by arrangements between the Hospital Insurance programme in Nova Scotia and similar Hospital Insurance programmes in all Canadian provinces. **The student is expected to enroll in the Hospital Insurance programme of his home province where such enrolment is required.** If he does not obtain such coverage, the Student Health Service will not be responsible for hospital accounts.

Non-Canadian students should obtain Hospital Insurance. A contract has been negotiated by the University whereby non-Canadian students will receive this required protection for a reduced fee. Students showing proof of equivalent protection will be exempt from this requirement.

### 8. The Student Health Plan does not provide for the following:

- (a) Medical or Surgical care other than that provided by or arranged through the Student Health Service. (WARNING: Except in emergencies, students who are



admitted to hospital or have other medical services except by prior arrangement with the Student Health Service will not have their accounts for hospital or medical services paid.)

(b) Surgical operations other than in the teaching wards of the Victoria General Hospital.

(c) Dental treatment.

(d) Illnesses attributable to misconduct.

(e) X-ray or Laboratory service except as authorized by the Student Health Service.

(f) Prescriptions other than those prescribed in the Student Health Service.

(g) Obstetrics, and hospital charges connected therewith.

9. All students entering the University who can not present certificates of having been successfully vaccinated against smallpox will be required to submit to vaccination. A free clinic for immunization against diphtheria and small pox is held every Wednesday at 2.00 p.m. at the Halifax Health Centre, 5970 University Avenue.

10. Coverage under the Student Health Service applies to all registered students with the exception of (a) Students registered for the degree of Bachelor of Nursing—for the period of hospital training only; (b) Students in fifth-year Medicine; (c) Students in Graduate Psychiatry; (d) Occasional students.

11. Further services or requirements may be announced at the time of registration.

### Health and Physical Education

All students in their first year of attendance at the University are advised to follow a prescribed course in Health and Physical Education, unless they are exempted by a medical certificate or by satisfactory evidence that they have already completed a similar course at an approved institution. Each new student on registration is expected to report to the Director of Physical Education.

### Church Attendance

All students not residing with parents or guardians are invited to report to the University Office, on or before October 15, the churches which they intend to make their places of worship during the session. The University extends its facilities to all denominations to make contact with their adherents following registration. The University Chaplains are as follows:

#### Anglican—

The Rev. D. F. L. Trivett, 1665 Oxford St., fulltime University Chaplain.

#### Baptist—

The Rev. Charles L. Coleman, 49 Cornwallis St., Pastor of Cornwallis Street Baptist Church.

#### Lutheran—

The Rev. D. A. Conrad, 6120 Allen St., Pastor of Church of the Resurrection.

#### Presbyterian—

The Rev. Frank Lawson, 6138 Oakland Road, Minister of St. David's Church.

#### Roman Catholic—

The Rev. Gordon Hayes, St. Theresa's Rectory, 351 North St., Priest Assistant, St. Theresa's Church.

#### United Church—

The Rev. Dr. J. P. C. Fraser, 349 Spring Garden Rd.

### Articles Lost and Found

Students are required to report promptly at the Business Office the loss or finding of any article in or about the University buildings or grounds. The University will not accept any responsibility whatever for books, clothing, etc., lost or removed from the University premises.

### University Naval Training Division

The University Naval Training Divisions constitute Canada's chief source of supply of naval officers, both permanent and reserve. While students work towards a University degree, they have the opportunity of earning a commission in the Naval Service. Weekly drills are held one evening a week during the winter, and intensive training with generous pay is carried out in ships and establishments during the summer vacation period. Further details may be obtained from the Staff Officer, whose office is located in H.M.C.S. Scotian.

### Canadian Officers Training Corps

The Dalhousie - King's Universities Contingent of the Canadian Officers Training Corps provides an opportunity for any male student, who is seventeen years of age and physically fit, to become a qualified officer in the Canadian Army (Active or Reserve). Theoretical training during the academic year consists of one two-hour evening lecture per week. Practical phase training during the summer months offers a maximum of twenty-two weeks employment at a Corps School. Officer cadets receive full pay and allowances of a second lieutenant during this period. Transportation, room and board, and clothing are supplied at the Corps Schools. Further details may be obtained from the C.O.T.C. office in the Drill Hall, Windsor Park.

### R.C.A.F Reserve University Squadron

The Reserve University Squadron provides officer training in technical and non-technical branches of the Royal Canadian Air Force to male and female students who meet R.C.A.F. standards and who are available for two or three summers of training before graduating from University. Cadets receive pilot officer's pay during the summer training period. Squadron lectures are held each Wednesday evening during the winter. Further details may be obtained from the Resident Staff Officer, whose office is in Building No. 2, R.C.A.F., Gorsebrook, South Street.

### Regular Officers Training Plan

Approved students may obtain subsidization under the Regular Officers Training Plan by undertaking to do the prescribed cadet training of any of the three services while attending the University and to serve a limited full-time engagement in the regular force on completing their course. Full details may be obtained from any of the Resident Staff Officers or from any recruiting office.

### Children of War Dead (Education Assistance)

Children of War Dead (Education Assistance Act) provides fees and monthly allowances for children of veterans whose death was attributable to military service. Enquiries should be directed to the nearest District office of the Department of Veterans' Affairs.

### EXPENSES\*

#### Resident Students

The annual charges for board, light, etc., to Resident Students from Arts and Science registration day (including Sunday, September 12th) until Dalhousie Convocation Day (except that students not in their graduating year will be expected to vacate the residence on the day following their last examination) are as follows:

	Double	Single
Men's Residence .....	\$675.00	\$725.00
Women's Residence .....	\$675.00	\$725.00

Students in residence must make a deposit of \$375.00 at commencement of the first term, the balance of the bill to be paid in February when the account is rendered. New students are expected to deposit \$50.00 when pre-registering and returning students \$20.00. This will be credited to first term account.

#### Non-Resident Students

Non-Resident Students must pay for the following at commencement of the first term: student body fees, the cost of gowns and caps, and any tuition fees payable to the University of King's College.

#### Surcharges

If deposit is not paid within 21 days of registration day a surcharge of 3% will be charged and a further 2% for each additional complete month until paid. The same applies to charges payable by Non-Resident Students. Bills will be rendered in February and if not paid within 21 days a similar surcharge and interest as above will be added.

\* Payment must be made at par, Halifax, N. S. Please make cheques payable to the University of King's College for the required amount and for convenience add "plus exchange", if outside Halifax area.

### Fee For Student Organizations

At the request of the King's student body, a fee of \$30.00 is collected on enrolment from each student who takes more than one class. This fee entitles the student to the privileges of the various students' organizations and clubs, and a copy of the King's College RECORD.

### Caution Deposit

On enrolment each resident student is required to make a deposit of \$15.00 as caution money to cover damage done to furniture, etc. This amount, less deductions, will remain a credit on the books until the student graduates or leaves, when the balance will be returned by cheque, usually during June. No refund in whole or in part will be made before that month.

Each year a student, on returning, is expected to settle for the previous year's deductions so that his credit may be maintained at \$15.00.

## FEES

### Payment

All fees are due and are expected to be paid on registration date. Fees must be paid in Canadian Funds at par in Halifax (add  $\frac{1}{8}$  of one per cent, minimum 15c, charge on cheques outside the Halifax area). Post dated cheques cannot be accepted.

If a student is unable to comply with the above regulation, the following terms will be accepted:

Minimum payable at registration \$350.00. (No registration will be accepted without this payment, and a late fee of \$5.00 per day will be charged until this is paid.

Students registering for 1 or 2 classes are required to pay total fees upon registration.

Accounts outstanding as of November 1st will be subject to a carrying charge calculated at 50c per month per \$100 or nearest \$100 owing, and will continue to be charged at the beginning of each month on any outstanding balance until final payment is made.

Fees outstanding after 15th February are subject to surcharge of \$10 in addition to the carrying charge.

After April 15th, a \$20 surcharge will be added to above carrying charge.

Credit will not be given for attendance upon any class and final examination papers will not be read until all charges are completely paid. Examination papers will not be held for more than 6 months after the writing of an examination.

In a graduation year all fees must be paid before April 15th.

Salaries paid by Dalhousie cannot be applied to fees.

Bills for fees will not be issued. The receipt issued at registration will show balance, if any, outstanding.

## LATE REGISTRATION

Students are required to register on the regular registration date as shown on page 4. Late registration requires approval of the Dean of the Faculty and extra fee of \$5.00 per day. No student is considered registered until a minimum payment of \$350.00 is made. A student registered for 1 or 2 classes is not considered registered until full fees are paid.

## CHARGES

Full time students registered for more than 2 classes. (Additional fee in graduating year only—Year Book \$5.00).

### FACULTY OF ARTS AND SCIENCE

King's Students ..... \$563.00

The above charges include laboratory fees, examination and diploma fees, instrument rental charges, and hospital clinics where applicable, and the following incidental fees:

- a. Registration Fee ..... \$5.50
- b. Student Health Fee ..... 5.00
- c. Library Fee ..... 5.00
- d. Faculty Society Fees (Arts and Science) . . .50

But does not include student council fee of \$30.00 payable to King's.

**Part time students** (These charges include incidental fees of registration and library only):

Students registering for 1 or 2 classes in all Faculties for University credit, per class . . . \$110.00

**Occasional students** (This charge does not entitle students to any privileges other than attendance at class):

Students not candidates for University credit who wish to take one University lecture class because of their interest in it. No credit or official transcript will be issued to such a student ..... \$50.00

### EVENING CLASSES

For students wishing to enrol in a single Arts class, take the examination and obtain a certificate ..... \$75.00

For students wishing to audit such a class without writing the examination or obtaining a certificate ..... \$50.00

In all other cases regular tuition fees apply.

\* A student enrolled at King's is required to pay the King's Council of Students' fee of \$30.00, but not the Dalhousie Council of Students' fee, or the Rink and Athletic Field fee. However, any King's student who wishes to participate in the Dalhousie Council of Students' activities must pay both of the above Dalhousie fees. Dalhousie students resident at King's College must pay King's College Council of Students' fee of \$25.50.

Payment of fees for evening classes is required on registration.

A printed folder describing courses offered in the evening programme is available upon request.

### LIBRARY FEE

Divinity students who are not registered for any Arts courses must pay a Library fee of \$5.00 to King's College.

### FACULTY OF THEOLOGY

Students taking the whole of the Divinity course will be charged each year ..... \$250.00

Arts students in the affiliated course in Divinity (each) ..... \$ 50.00

For Probationary Year in Divinity fees are as follows:

Religious Knowledge ..... no charge

English Bible 1 or 2 ..... \$ 50.00

Elementary Greek, Sociology 1, Philosophy 1 and either English 1 or History 1 (each) . . \$110.00

### EXAMINATIONS

An application for examinations must be accompanied by the proper fee:

Supplemental and Special (per examination) . . \$15.00

At an outside centre (each—extra) ..... 5.00

For re-examination of a paper ..... 3.00

(Application for re-marking must be made in writing to the Registrar within three months of the date of the examination).

For any application accepted after July 15th, an additional fee of \$2.00 per day (maximum \$5.00) must be paid. If application for refund of supplemental examination fee is not made on or before July 31, the fee will be forfeited.

**DIPLOMAS**

Diploma Fees are payable at Registration in the final year of the course.

Journalism Diploma .....	\$10.00
L.Th., S.Th., A.K.C. ....	12.00
For examination of A.K.C. (N.S.) (not return- able) .....	15.00
B.S.Litt., B.S.T. ....	20.00
M.S.W. ....	20.00
B.D. ....	26.00
D.D. ....	42.00
Additional fee for any degree in absentia at the Spring Convocation .....	10.00

**\*\*\*CERTIFICATES**

An application for a certificate must be accompanied by the proper fee:

Certificate of Standing: First transcript. no charge	
Additional copies: each original .....	\$1.00
Extra copies, each .....	.50

**STUDENT PHOTOGRAPH**

At time of first registration at King's each student will be required to supply three pictures (head and shoulders). These should be approximately one inch by one and one-half inches.

**LABORATORY CHARGE**

No laboratory deposit is charged. Individual students will be charged for careless or wilful damage.

**REFUND OF FEES**

Within two weeks of registration date a student may retire from a class or course for which he was registered, and his fee will be refunded.

\*\*\* No certificates will be issued until all charges owing by the student to the University have been paid in full.

No refund shall be made for reduction in classes by action of the Faculty, dismissal from classes or from the University, or for a class or classes voluntarily discontinued by the student.

In cases of withdrawal from the University or from a class during a session the student must obtain an interview with the Dean of his or her Faculty and a written report must be made by the student to the office of the Registrar at Dalhousie, stating date and reason of withdrawal. A student withdrawing from the University must report personally to the Dalhousie Business Manager before any refund of tuition fees will be considered.

King's College students must report **AS WELL** to the Registrar and Business Manager, King's College.

The above requirements having been completed and approval in each case obtained, the student withdrawing from the University during the session will be charged with:

- Full incidental fees for the session.
- One half of the tuition fee for the session if the withdrawal occurs before January 31.
- The full tuition fee for the session if the withdrawal occurs after January 31.

No reduction will be made in the tuition fees payable by a student repeating a class or course.

**EXAMINATION REQUIREMENTS FOR MATRICULATION****A. General**

In order to be admitted to a regular course leading to a degree or diploma in the Faculty of Arts and Science (or to gain entry to other faculties which require preliminary qualification through the Faculty of Arts and Science), a candidate must satisfy the examination requirements for matriculation and must submit the necessary certificates (or photostat copies). The normal requirement is that the candidate shall have obtained a general certificate of education in an examination at a level approved by the Convocation of the University of King's College with adequate credit for seven subjects as follows:

1. English
2. Algebra
3. Geometry
4. A foreign language
- 5, 6 and 7. Any THREE from Chemistry, Physics, Biology, Trigonometry†, History, Geography, Latin, Greek, French\*, German\*, Spanish\*.

Possession of the minimum requirements does not automatically ensure admission and entry cannot be guaranteed to students with an average below 65%. In 1965-1966 there may be a limit placed on the numbers of students who can be accepted. In exceptional cases students not fulfilling the above requirements may be admitted with complete matriculation.

#### B. Students Educated in Canada

Certificates reflecting satisfactory marks in seven subjects in accordance with the list set out in Section A. above will be accepted as credit for matriculation if such marks are granted by any of the following examining bodies:

- a. Certificates of the Common Examining Board of the Atlantic Provinces.
- b. High School Provincial Certificates of Grade XI or XII of Nova Scotia, issued by the Department of Education of the Province of Nova Scotia.  
The pass mark for (a) and (b) is 50%, and an average mark of 60% is required.
- c. Equivalent Certificates issued by the Departments of Education in other Provinces.
- d. Second-Year Certificates issued by Prince of Wales College, Charlottetown, Prince Edward Island.
- e. Certificates of Matriculation Examination taken at recognized Universities in Canada.

#### C. Students Educated Outside Canada

1. Candidates educated in the United States of America.

All applicants must have taken the tests of the College Entrance Examination Board and attained a standard approved

†If Trigonometry has been included with Algebra and Geometry under a comprehensive course in Mathematics, this may be counted with (2) and (3) as a total of three subjects for matriculation purposes.

\*If different from the language offered under (4).

by the Matriculation Board in (a) the Scholastic Aptitude Test (verbal and mathematical sections); (b) Achievement Tests in:

1. English Composition
2. Intermediate Mathematics or Advanced Mathematics
3. One of the following: Physics, Chemistry, Biology, Latin, Greek, a modern language.

Students must write these tests not later than in March of the year in which they propose to take up residence at King's. Details may be obtained from the Educational Testing Service at Box 592, Princeton, New Jersey, U.S.A.

Applicants must also request the School Principal to send to the Registrar at King's College a full transcript of their high school record and a confidential report on the applicant. A form is provided by the College.

2. Candidates from schools in the Commonwealth using English as the medium of instruction, except India and Pakistan.

A candidate will satisfy the entrance requirements if, in the subjects in the Entrance Requirements for normal admission to King's, set out in section A above, he has passed at the prescribed standard one or more of the following General Certificates of Education:

- a. An Oversea School Certificate, Sudan School Certificate, or Federation of Malaya School Certificate awarded by the Cambridge Local Examinations Syndicate. The minimum standard is "CREDIT" or "VERY GOOD".
- b. A West African School Certificate awarded by the Cambridge Local Examinations Syndicate before 1960 or by the West African Examinations Council since 1960. The minimum standard is "CREDIT" or "VERY GOOD".
- c. A Cambridge Oversea Higher School Certificate with a PASS level in both subsidiary and principal subjects.
- d. A General Certificate of Education awarded by the Oxford Delegacy of Local Examinations, with a PASS at the ordinary level.

- e. A General Certificate of Education awarded by the University of London, with at least five subjects passed at the **ORDINARY LEVEL**.
- f. A Ceylon Senior School Certificate or a Ceylon General Certificate of Education with passes at the "**CREDIT**" level.
- g. A Certificate of the Matriculation Examination of the University of Hong Kong.

**NOTE:** A concession may be made to students from Africa and Asia who, through no fault of their own, have not taken a European language, other than English, as a subject for their certificates, but who can produce documentary evidence to show that they have passed examinations in a vernacular language at an advanced level in their high schools.

- 3. Candidates holding certificates from India and Pakistan.

A candidate who has attended an approved University in India or Pakistan and who has attained the **FIRST CLASS** in the Intermediate Examination in Arts or Science, or the first or second class in the final Examination for the degree of Bachelor of Arts or Bachelor of Science, is deemed to have satisfied the entrance requirements, provided that in an examination leading up to the degree in that University he has passed in English, in Mathematics, and in an Oriental language.

4. Candidates from outside the Commonwealth or from schools in the Commonwealth not using English as the medium of instruction.

Candidates from places falling under this heading may be considered for admission if they produce documentary evidence **EITHER**

- a. that they are qualified for entrance to an approved University in their own country;
- b. that they have covered the subjects prescribed in A above; and
- c. that their knowledge of English is equivalent to that demanded by the General Certificate of Education of the University of London

OR that they meet the requirements for admission to the University of London as fully matriculated students.

## Faculty of Arts and Science

The Academic Year begins September 20th, 1965  
and ends May 13, 1966.

### ADMISSION

The attention of students entering the Faculty of Arts and Science for the first time, whether in the First or Second year, is called to the fact that the registration for such students takes place on September 14th and 15th.

**All students entering King's College in Arts, Science, Pre-Medicine, Pre-Dentistry, and Pre-Law must enrol with the King's Registrar before registering at Dalhousie.**

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

**Graduate Students** are students who hold a Bachelor's degree in Arts or Science or Law or the degree of Doctor of Medicine and are pursuing a course towards a Master's Degree.

**Undergraduates** are students who have completed the requirements for admission and are candidates for a Bachelor's Degree, for a degree in a professional course or for a Diploma in an Authorized Course.

**Occasional students** are those who are not candidates for a degree or diploma but who wish to take one university class because of their interest in it. The total cost payable by an occasional student is \$50.00 per class. No class taken on these terms may be offered as a credit towards a degree or diploma at Dalhousie University, and no official transcript will be issued.

A student who wishes to take more than one class without credit towards a degree or diploma at Dalhousie University, may be admitted, if qualified, as a **Special student**.

### ADMISSION WITH ADVANCED STANDING on Grade XII (or XIII) Certificates

Matriculation students may obtain exemption from **not more than five** of the following University classes (which may be chosen from both groups):

**Group A**—Greek 1, Latin 1, French 1, German 1, English 1\*\*, History 1, Mathematics 1\*.

**Group B**—Chemistry 1, Physics 1, Biology 1, Geology 1.

For a subject in Group A a student must have obtained a mark of 50 per cent or more on the Grade XII or XIII certificate.

Exemptions are granted only on the following conditions:

For a subject in Group B a student must have obtained a mark of a least 75 per cent on the Grade XII or XIII certificate, must submit a laboratory book which is deemed satisfactory by the Department concerned, and must pass the regular Fall examination set by that Department on the work of the past session.

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

The certificates to which these provisions apply are the following:

- a. High School Grade XII of Nova Scotia issued by the Department of Education.
- b. Equivalent Senior Matriculation Certificates issued by Departments of Education of other Provinces, or approved by the Committee on Admissions.

\* Grade XII Mathematics will be accepted as exemption in engineering from Mathematics 1E only if student's mark is 60% or over in both Algebra and Trigonometry. Grade XIII from Ontario will be accepted if it includes Algebra, Geometry and Trigonometry.

† The standard requirement is 50% in each subject.

\*\* Admission to English 2 will be granted only if certificate Grade XII (or XIII) mark is 65% or more.

Students having credit for at least four of these classes will be given an opportunity to complete a course for a degree in three years, but it should be noted that only students of superior ability can do this. A candidate will be allowed supplemental examinations in the subjects required to complete five classes provided that the certificate shows a mark of at least 40 percent in such subjects and that the candidate has credit for the corresponding matriculation subjects. This applies to subjects of Group (A) only.

Students from recognized Junior Colleges who present satisfactory certificates, may receive credit.

### Admission ad Eundem Statum

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

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

### AFFILIATED INSTITUTIONS

#### Prince of Wales College

Students who have completed the regular four year course of Prince of Wales College, Charlottetown, P.E.I., and

\* In the Faculty of Arts and Science "one year's work" is interpreted to mean at least five classes of college grade. These classes shall not include any class taken in affiliated courses.



who have graduated with standing equivalent to a High Honours Diploma, are admitted to the Arts and Science course without further examination, and may receive credit in classes of the first and second years to a maximum of ten.

## GENERAL FACULTY REGULATIONS

### Admission to Classes

1. No Undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications.

2. The list of classes which a student may take should include all possible required classes, before any elective is added, but candidates for admission to Honours courses may have this rule modified on application to the Committee on Studies.

3. Five classes shall be regarded as constituting a normal year's work for a student in good standing, and should not be exceeded without permission of the Committee on Studies.

Full time students registered in the Faculty of Arts and Science, or in Graduate Studies, may be allowed with permission of the lecturer concerned, to audit such other courses and such portions of other courses as they desire.

Students who have registered for a course and whose names have been included in the instructor's list, are required to obtain his written consent before being allowed to drop the course.

4. Any student who at the end of the pre-Christmas term has not shown reasonable proficiency, may, at the discretion of the Faculty, be required to discontinue attendance at the University for the remainder of the session. Fees will not be refunded to such students.

### Class Work and Attendance

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

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

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

3. In determining pass lists both the standing attained in prescribed class exercises and in field laboratory work and that in the various examinations are taken into consideration. A candidate who fails to obtain a mark of at least 40 per cent on the work of the session in any class shall lose credit for attendance in such class.

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

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

6. In order to be allowed to return the following year, students in their first year of University attendance are required to pass in the Spring Examination two classes for which they were registered in the Fall. After his first year of attendance (whether taken at Dalhousie or any other university), a student must pass in at least three classes per year in order to be allowed to return the following year. This will not include supplemental examinations. (Note—Engineering students will be expected to pass three-fifths of the classes for which they are registered in that year). No credit will be given for any classes taken at another university while the student is inadmissible at Dalhousie.

7. A student who returns to the university after a year's compulsory absence through previous failure must pass three classes at the final Spring examination of the year of his return; failing this he will be denied admission at any future date.

8. All students must be registered and in attendance in the Faculty of Arts and Science in the last year of their degree courses except in the case of students registered in the affiliated courses of Law, Medicine or Dentistry.

9. A student wishing to transfer from another university will not be admitted into the Faculty of Arts and Science if he has been refused readmission on academic grounds at the other university.

10. If a student is admitted from another university, he will be given credit for classes equivalent to those offered by Dalhousie, if such would be credited to him at the other university.

## EXAMINATIONS

### Sessional and Class Examinations

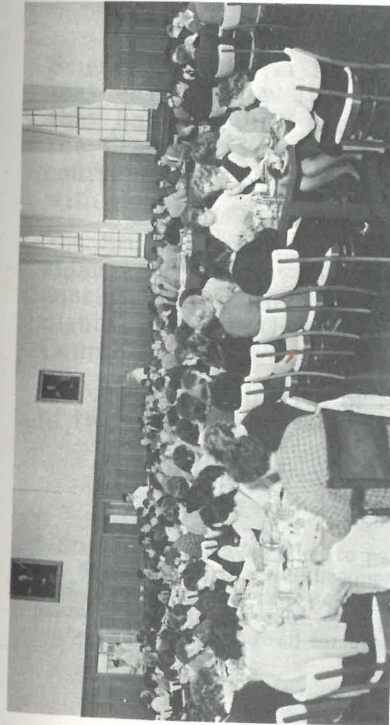
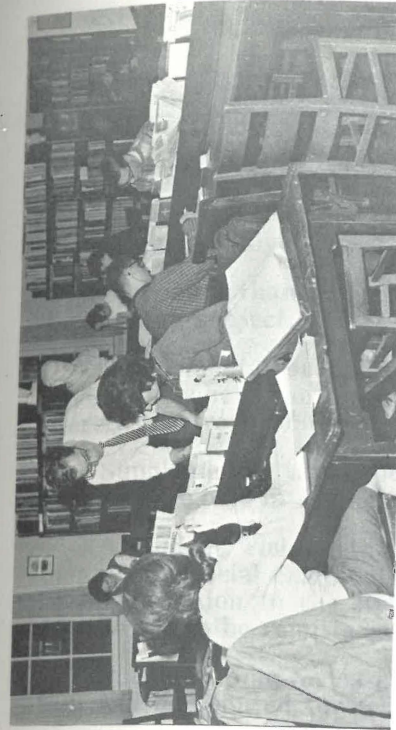
In all classes two examinations are held, the Christmas examinations (or their equivalent) at the end of the first term, immediately before the Christmas vacation, and the Spring examinations, after the close of lectures in the spring. Other examinations in any class may be held at dates appointed by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

### Class Lists

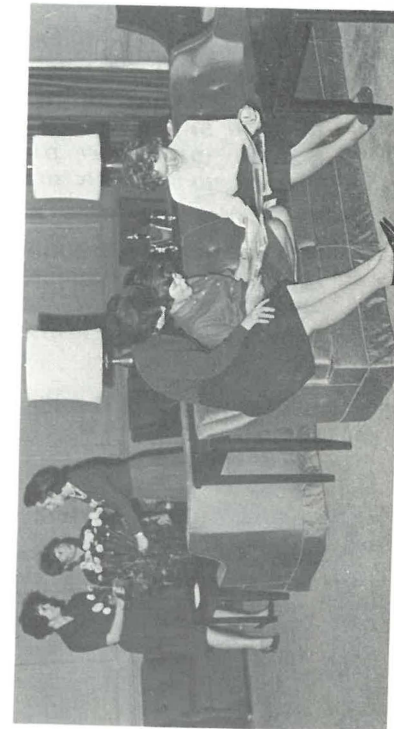
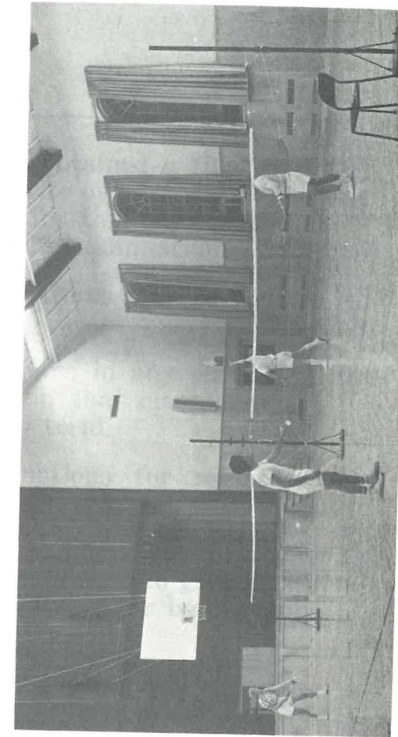
The names of candidates successful in the examinations are arranged in the published lists in three divisions: First Division 80-100; Second Division 65-79; Third Division 50-64.

### Supplemental and Special Examinations

A student who fails to secure a position on the Pass List in a class, but who has otherwise fulfilled the requirements in class work may be allowed the Supplemental examination in that class at the beginning of the next session of his attendance, on the day appointed in the University Almanac, provided that no student may write more than two supplemental examinations on the work of any session, or an



The life of a college invariably centres around its buildings and its rooms and meeting places. The spiritual, social, academic and physical life at King's is designed to produce a greater development of the individuality and ability of each student.



examination in any class in which he obtained a final mark below 40%. A student who fails to write or pass the Supplemental examination can obtain credit for this class (without repeating it) only by passing a Special\* examination.

**Not more than two special examinations may be written in any one subject.**

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

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

A student wishing to appear as a candidate at a Supplemental or Special examination shall be required to give notice of his intention to the Registrar's Office on or before July 15, the fee to be remitted with the notice.

**Not more than 5 classes passed by supplemental examination will be counted towards a degree.**

### DEGREES AND COURSES

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 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 Science with Honours.

Students with high academic standing are urged to consider applying for admission to an Honours Course, and to consult, during their first or second year, with those Departments in which they might wish to enrol for an Honours Course.

A student in Arts or Science may take the degree in one of two grades.

- a. Ordinary Degree. (see p. 50).
- b. Degree with Honours. (see pp. 53-54).

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

## (A) Ordinary Course

The twenty units for the ordinary degree must be selected from the following list and arranged in accordance with the table on pages 51-52.

Biology;  
 Chemistry (including Biochemistry);  
 Classics (Greek and Latin);  
 Economics (including Sociology);  
 English Language and Literature (including English Bible);  
 Geology;  
 German;  
 Hebrew;  
 History;  
 Mathematics;  
 Philosophy;  
 Physics;  
 Political Science;  
 Psychology;  
 Religious Studies;  
 Romance Languages (French, Spanish);  
 Russian.

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

An Honours class may be taken as an elective by students not taking Honours, if approved by the Department.

Lists of the classes chosen by students must be submitted for approval not later than Monday, September 27th, 1965.

Students expecting to enter the teaching profession are requested to consult the Professor of Education before registration.

TABLE I

Units	Course for B.A.	Units	Course for B.Sc.
	The ordinary course of study prescribed for the Bachelor of Arts degree consists of the following twenty classes:		The ordinary course of study prescribed for the Bachelor of Science degree consists of the following twenty classes:
6	(i) Two classes in English; one class in Mathematics; three classes in one foreign language, or Greek A, Greek 1 and Hebrew 2.	4	(i) Two classes in English. Two classes in French or in German or in Russian.
1	(ii) One class in Biology, Chemistry, Geology, or Physics.	4	(ii) One class in each of the following: Chemistry, Mathematics, Physics, Biology or Geology.
2	(iii) Any two of: a university course in European History, Philosophy 1, Psychology 1.	1	(iii) One class in one of the following: Classical Literature in translation, English, History, Economics, Political Science, Philosophy, Psychology or a Foreign Language. (If a Foreign Language is offered it may be a third class in the language offered in Section (i) above or a class in another language—if the latter is an "A" class (e.g. German A) a second class in the same language must be offered in Section (v), below).
1	(iv) Any one of: Economics 1, Political Science 1, Sociology 1.		
1	(v) Classical Literature in translation or a class in Latin or Greek beyond Latin 1 or Greek 1*.		
6	(vi) Six classes which require a university class as prerequisite selected from not more than two departments.	7	(iv) Seven other classes which require a university class as prerequisite selected from not more than three of the departments of Science and Mathematics.

Continued on page 52.

\* A student who has elected Latin or Greek to satisfy the language requirements of Section (1) may substitute for this course one additional class in Sections (vi) or (vii).

	Course of B.A.	Course of B.Sc.
3	(vii) *Three elective classes, so that of the nine classes chosen from sections (vi) and (vii) not more than seven are in any one department.  (viii) Students taking an affiliated course may substitute the first year of Law, Medicine, Dentistry, or Divinity for the three elective courses.	(v) Four other classes, of which Mathematics 2, if not taken in Section (iv) above, must be one.  Candidates taking at least four classes in Geology may offer Drawing 1, Drawing 2, and Surveying 1, as three classes in this group.  Students taking affiliated courses may substitute the classes for the Diploma in Engineering, the classes for first year Medicine or Dentistry, or the classes for the Diploma in Pharmacy for three classes in this group.  Students not taking the affiliated course with Engineering, may count Drawing 1 and Mechanics 2 under this Section.
20		4
		20

\*Pre-Divinity Students see (h) on page 110.  
The Faculty strongly recommends that all students take Religious Knowledge in the first year. See page 112.

## ORDER OF CLASSES

Candidates who intend to take one of the Affiliated Courses, or to enter an Honours Course, should consult the Registrar concerning the proper order of their classes.

### Affiliated Courses

An undergraduate looking forward to the study of Law, Medicine, Dentistry or Divinity, may offer one of the following groups in place of the 3 classes of (VII) table 1:

**For Law**—The classes of the first year, provided conditions are satisfied for entrance into second year Law.

**For Medicine and Dentistry**—The classes of the first year.

**For Divinity**—The classes of the first year at King's College.

### Honours Courses (B)

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

It is recognized that students may not be sure, in their first and second years, of the subject in which they will want to take Honours. Students considering applying for admission to an Honours course are, therefore, advised to consult in their first and second years with all those Departments in which they might want to enrol for an Honours course.

The following are the general rules for an Honours course:

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

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

Formal application for admission of a student by the Faculty to an Honours course must be made by the head of the department concerned to the Committee on Honours, in triplicate, on forms that are available in the Registrar's Office.

3. To obtain Honours, a student must:

- a. observe the rules for the ordinary B.A. or B.Sc. degree as laid down in the Calendar;
- b. take at least five advanced classes prescribed by the department in which he is taking Honours;
- c. take two additional or special classes—one in the third year and one in the fourth year in the department in which he is doing his Honours work. (These classes shall be primarily for Honours students and may be given in any way that the department may decide.) This means that twenty-two classes are needed for the B.A., B.Sc. degrees with Honours;
- d. pass a comprehensive examination covering his Honours work at the end of his course;
- e. make an average of not less than 65% in all his Honours classes. (This includes the five advanced classes, the two additional classes and the comprehensive examination at the end.)

4. In order to obtain **First Class Honours** a student must pass his Honours classes, as above in 3 (e), with an average of at least 80%.

5. A degree with Honours may be obtained in the following departments:

Biology	History
Chemistry	Mathematics
Classics	Modern Languages
Economics and Sociology	Philosophy
English Language and Literature	Physics
French (Romance Languages)	Political Science
Geology	Psychology
German (Modern Languages)	

## Classes of Instruction

### BIOLOGY

<i>Professors</i> - - -	K. E. von Maltzahn (Head of Dept.), A. C. Neish
<i>Professor</i> (Oceanography) - - - - -	G. A. Riley
<i>Associate Professors</i> - - -	M. L. Cameron, L. C. Vining, O. P. Kamra
<i>Associate Professor</i> (Oceanography) - - - - -	E. H. Anthony
<i>Assistant Professors</i> - J. Farley, G. H. Geen, M. J. Harvey, J. E. McInerney,	A. P. van Overbeeke, M. Ross, A. H. Wehrmaker
<i>Assistant Professor</i> (Oceanography) - - - - -	C. M. Boyd

The programme in Biology is designed to provide the student with a basic training in the biological sciences which may serve as a preparation for graduate and professional work in Biology or Medicine. The training leads to professional opportunities which include teaching of natural sciences in secondary schools and universities, work in industrial and research laboratories, and research posts with Federal and Provincial Departments of Agriculture, Forestry, Fisheries, and Wild-Life Management. It serves also as preparation for professional courses of Medicine and Dentistry and various technical posts in medical laboratories. A student looking forward to Biology as his major field of study is invited to consult the Department early in his course so that a proper plan can be worked out.

Classes normally taken by an honour student are as follows:

Three classes from Biology 201-204 and five other classes in Biology.

#### Introductory Classes

##### 101. General Biology.

Lect.: 3 hrs; lab.: 3 hrs.

This class is designed for students in Arts and Science who do not intend to take any other classes in Biology. Lectures are given in the Chemistry Theatre, laboratory work in the Forrest Building.

##### 102. Introduction to Biology.

Lect.: 2 hrs; lab.: 3 hrs.

This class is designed for students in Science, Pre-medicine, Pre-dentistry, and Pharmacy who intend to take other classes in Biology. Lectures are given in the Physics Theatre, laboratory work in the Forrest Building.

## Intermediate Classes

Biology 102 is a prerequisite for all other classes in Biology. Biology 101 may in exceptional cases be considered the equivalent. The next four classes represent primarily an introduction to the methodology of the field under consideration.

**201. Introduction to Genetics**

M. Ross

Lect.: 2 hrs; lab.: 3 hrs.

An introduction to the study of inheritance in animals and plants. Lectures are given in the Arts Building, Studley. Admission with the consent of the instructor only.

**202. Introduction to Functional and Chemical Biology**

Lect.: 3 hrs; lab.: 3 hrs.

An introduction to the chemistry and physics of life, with particular emphasis on energy relations. The laboratory serves also as an introduction to instrumentation in this field.

**203. Introduction to Cellular Biology**

Lect.: 2 hrs; lab.: 3 hrs.

The laboratory serves also as an introduction to microscopic techniques, including quantitative microscopy and electronmicroscopy as well as cyto- and histochemical techniques.

**204. Introduction to Environmental Biology**G. H. Geen, M. J. Harvey,  
J. E. McInerney

Lect.: 2 hrs; lab.: 3 hrs.

The relations of plants and animals to the physical and chemical features of the environment.

**221. Biology of the Lower Plants. (1965-66).**

K. E. von Maltzahn, E. H. Anthony

Lect.: 2 hrs; lab.: 3 hrs.  
Structure, reproduction, development, and evolution of algae, bacteria, and fungi; methods of cultivation.**222. Biology of the Vascular Plants (1966-67).**

M. J. Harvey

Classification, experimental taxonomy, and evolution of the higher plants.

**223. Plant Physiology (1966-67).**

Lect.: 2 hrs; lab.: 3 hrs.

**224. Plant Development and Morphogenesis. (1965-66).** K. E. von Maltzahn  
Descriptive and experimental analysis of plant organization.**241. Biology of Invertebrates. (1965-66).** C. M. Boyd, G. H. Geen, J. Farley,  
A. H. Wehrmaker

Lect.: 2 hrs; lab.: 3 hrs.

This class includes field and laboratory studies of the seashore fauna and an introduction to marine plankton.

**242. Biology of Vertebrates. (1965-66).**

J. E. McInerney

Lect.: 2 hrs; lab.: 3 hrs.

**243. Comparative Animal Physiology. (1965-66).**

J. E. McInerney and others

Lect.: 2 hrs; lab.: 3 hrs.

A comparative study of organ systems with evolutionary and ecological interpretations.

**244. Animal Embryology. (1965-66).**

A. H. Wehrmaker

Lect.: 2 hrs; lab.: 3 hrs.

**290. Undergraduate Research for Honour Students.**

This may count as one or two credits.

## SPECIAL CLASSES

See Graduate Studies for description of classes and times of lectures and laboratories.

**301. Theoretical Foundations of Biology. (1965-66).****306. Marine Biology. (1965-66).**

G. A. Riley, C. M. Boyd

**308. Biological Oceanography. (1965-66).**

G. A. Riley, C. M. Boyd

**311. Physiology of Bacteria and Fungi. (1965-66).**

L. C. Vining

**312. Physiology of Marine Plants. (1966-67).**

J. S. Craigie

**313. Ecology of Micro-Organisms. (1965-66).**

E. H. Anthony

**315. Biochemistry of Plants and Micro-Organisms. (1965-66).**

A. C. Neish,

L. C. Vining

**317. Enzymology. (1966-67).**

A. C. Neish

**321. Cytogenetics and Effect of Radiations. (1965-66).**

O. P. Kamra

**331. Distribution of Plants. (1965-66).**

M. J. Harvey

**333. Animal Distribution and Behaviour. (1965-66).** G. H. Geen, J. E. McInerney**335. Animal Parasitology. (1965-66).**

J. Farley

**338. Ichthyology. (1966-67).**

J. E. McInerney

**340. Human Physiology. (1965-66).**

C. B. Weld

**347. Influence of Chemical Agents on Living Organisms. (1965-66).** J. G. Aldous**380. Special Topics in Biology.**

A. C. Neish and L. C. Vining (Biosynthesis in Plants and Micro-organisms); G. H. Geen (Limnology); M. J. Harvey (Experimental Plant Taxonomy and Ecology); A. P. van Overbeeke (Comparative Endocrinology); M. Ross (Microbial Genetics); A. H. Wehrmaker (Entomology).

**Biological Journal Club.** Lectures and presentation of papers by members of the staff and senior students. All Honour and Graduate students are required to attend.

**Summer Classes.** Students who complete creditably any of the classes in the curriculum of the Marine Biological Laboratories, Woods Hole, Massachusetts, may, on the recommendation of the Department of Biology, present them for credit toward a degree.

### CHEMISTRY

Professors - -	W. J. Chute (Head of Dept.), D. E. Ryan, W. R. Trost
Associate Professors - - - - -	K. E. Hayes, O. Knop
Associate Professor (Oceanography) - - - - -	P. J. Wangersky
Assistant Professors - - - - -	T. P. Forrest, W. E. Jones, K. T. Leffek
Lecturer - - - - -	G. A. Dauphinee

All students entering the University with the intention of specializing in Chemistry should consult the Head of the Department before registering.

#### 1. General Chemistry.

Lect.: 3 hrs; lab.: 3 hrs.

Prerequisite: Matriculation in Mathematics is essential. All students registering for Chemistry 1 must consult the appropriate instructor before seeking official registration. Only those who have been given section assignments can be guaranteed a place in lecture and laboratory.

**1a.** G. A. Dauphinee

This section includes Science students.

**1b.** K. T. Leffek

This section includes Arts, Commerce and Pre-law students.

**1c.**  
This section includes Pre-dentistry, Pre-medical, Nursing, Pharmacy, and Dental Hygiene students.

**1d.**  
This section includes Engineering students.

#### 2. Elementary Physical and Analytical Chemistry.

**2a.** K. E. Hayes

Lect.: 2 hrs; lab.: 3 hrs.

Prerequisite: Chemistry 1. Mathematics 2 should be taken concurrently. This section includes Engineering, Engineering Physics, and Physics students. *Texts:* Daniels and Alberty, *Physical Chemistry*; Day and Underwood, *Quantitative Analysis*.

**2b.** W. E. Jones

Lect.: 2 hrs; lab.: 3 hrs.

Prerequisites: Chemistry 1 and Mathematics 1. *Texts:* Day and Underwood, *Quantitative Analysis*; others to be announced.

#### 2c.

Lect.: 2 hrs; lab.: 3 hrs.

D. E. Ryan

Students in this section will take the regular classes of Chemistry 2a or 2b in the pre-Christmas term. This section is intended for those students who will take chemistry classes in advance of Chemistry 2 and 4. *Texts:* Day and Underwood; *Quantitative Analysis*; Nordmann; *Qualitative Testing and Inorganic Chemistry*.

#### 4. Organic Chemistry.

Lect.: 2 hrs; lab.: 3 hrs.

Prerequisite: Chemistry 1.

#### 4a.

This section will include Science students.

T. P. Forrest

#### 4b.

This section will include students in pre-professional courses. *Texts:* Brewster and McEwen, *Organic Chemistry*; others to be announced. The following undergraduate classes are designed primarily for students intending to take Honours in Chemistry (see page 72). Chemistry 5, 6, and 7 should be taken in the third year and Chemistry 8, 9, and 11 in the fourth year. (Others wishing to take any of these classes **must** obtain the consent of the instructor.)

W. J. Chute

#### 5. Physical Chemistry.

Lect.: 2 hrs; lab.: 3 hrs.

K. E. Hayes

Prerequisites: Chemistry 2, Mathematics 2, Physics 26. *Texts:* Daniels et al., *Experimental Physical Chemistry*, 6th ed. Others to be announced.

#### 6. Qualitative Organic Analysis.

Lect.: 2 hrs; lab.: 3 hrs.

W. J. Chute

Prerequisite: Chemistry 2 and 4. This class is a continuation of Chemistry 4. The laboratory work will consist of the identification of organic compounds. *Texts:* Brewster and McEwen, *Organic Chemistry*; Shriner, Fuson, and Curtin, *Identification of Organic Compounds*.

#### 7. Inorganic Quantitative and Instrumental Analysis.

Lect.: 2 hrs; lab.: 3 hrs.

D. E. Ryan

Prerequisite: Chemistry 2. *Text:* Skoog and West, *Fundamentals of Analytical Chemistry*.

#### 8. Structural Inorganic Chemistry.

Lect.: 2 hrs; lab.: 3 hrs.

O. Knop

Prerequisites: Chemistry 5 and 7.

#### 9. Quantum Chemistry and Orbital Theory.

Lect.: 2 hrs.

W. R. Trost

#### 11. Undergraduate Research for Honour Students.

Advanced classes are available to Honour and Graduate students and others who satisfy the instructor that they are qualified. See **Graduate Studies**.



**Chemistry Seminar.** In the spring term meetings will be held at which Honour and Graduate students will present papers on their research projects.

### Biochemistry

The class Biochemistry 2 (see page 204) may be offered as an undergraduate elective. Students who intend to specialize in Biochemistry are invited to consult that Department for advice on the preparation of an adequate background for its study.

### CLASSICS

Professor	-	-	-	-	-	-	J. A. Doull (Head of Dept.)
Associate Professor	-	-	-	-	-	-	*M. A. Usmani
Assistant Professors	-	-	-	-	-	-	J. P. Atherton, R. D. Crouse

### Greek

#### Elementary Classes

The first three courses are primarily a study of the Greek language through grammar, composition, and reading of texts. A student who obtains first-class standing in Greek A may be permitted to take Greek 2 as his second course.

#### A. Introductory Greek.

J. A. Doull

Lect.: 3 hrs.

This course is intended for beginners and those who have less than Matriculation Greek. It may be counted towards a degree if a second class in Greek has been satisfactorily completed. *Texts:* Hillard and Botting, *Greek Primer*; Nairn and Nairn, *Greek Through Reading*.

1.

M. A. Usmani

Lect.: 3 hrs.

Prerequisite: Matriculation Greek or Greek A. *Texts:* further reading from Nairn and Nairn, *Greek Through Reading*; Genner, *Selections from the Attic Orators*; Plato, *Ion*. Grammar and composition.

2.

J. P. Atherton

Lect.: 3 hrs.

Prerequisite: Greek 1. *Texts:* Plato, *Apology* and *Crito*; Homer, *Iliad*, VI. Grammar and composition.

#### Intermediate Class

This is for students who have a sound elementary knowledge of Greek and wish to read further in Greek literature but may not be taking the Honour course in Classics.

3.

J. A. Doull

Hours to be arranged. Prerequisite: Greek 2. The work studied in this class will vary from year to year, but will be three Greek plays or comparable reading

\*On leave, 1965-6.

in other poets. A part of the reading for Greek 4 or 5 may sometimes be given at an intermediate level.

### Advanced Classes

These are intended chiefly for honour students.

#### 4. Readings in the Greek Historians. (1965-66).

J. P. Atherton

Parts of Herodotus and Thucydides will be studied. Students in this class will normally be expected to take History 22 in the same year.

#### 5. Readings in the Greek Philosophers. (1966-67).

J. A. Doull

Hours to be arranged. Parts of Plato and Aristotle will be studied.

#### 6. Greek Poetry. (1965-66).

J. A. Doull

Either some poet or some period in the history of Greek poetry will be studied.

#### 20. Composition.

The Department

See under Latin 20.

### Latin

#### Elementary Classes

The first two classes are primarily a study of the Latin language through grammar, composition, and the reading of texts.

#### 1. Introductory Latin.

R. D. Crouse

Lect.: 3 hrs.

Prerequisite: Matriculation Latin. Special provision will be made for students who have not studied Latin previously. *Texts:* Hettich and Maitland, *Latin Fundamentals*; Harrington, *Mediaeval Latin*; a classical text to be prescribed.

2.

Lect.: 3 hrs.

Prerequisite: Senior Matriculation Latin or Latin 1. Cicero's *De Senectute*, selections from Catullus and from Horace's *Odes* will be read. Grammar and composition.

#### Intermediate Classes

These are for students who have a sound elementary knowledge of Latin and wish to read further in Latin literature, but may not be taking the honour course in Classics.

#### 4. Readings in the Latin Poets. (1965-66).

Lect.: 2 hrs.

Prerequisite: Latin 2. Selections from Lucretius, Propertius, Ovid, and others will be read.

#### Advanced Classes

In these classes some author or the history of some literary form will be studied at an advanced level. Under certain conditions students from other departments will be accepted who read the texts in an English version.

- 5. The History of Roman Satire.** (1966-67). M. A. Usmiani  
Lect.: 2 hrs.  
Prerequisite: Latin 3 or 4, which may sometimes, however, be taken in the same year.
- 6. Roman Comedy.** (1966-67). M. A. Usmiani  
Lect.: 2 hrs.  
Prerequisite: Latin 3 or 4, which may sometimes, however, be taken in the same year.
- 7. A Study of Vergil.** (1965-66). J. P. Atherton  
Lect.: 2 hrs.  
Prerequisite: Latin 3 or 4, which may sometimes, however, be taken in the same year.
- 8. The History of Roman Literature.** (1966-67). M. A. Usmiani  
Lect.: 2 hrs.  
Prerequisite: Latin 3 or 4, which may sometimes, however, be taken in the same year.
- 20. Composition.** (1965-66). The Department  
Hours to be arranged. All candidates for Honours in Classics will be expected to take this course, which is identical with Greek 20. Exercises in Greek and Latin composition will be done and unseen passages from various authors read.

#### Classical Literature, History, and Philosophy

- 1. Classical Literature in Translation.** J. A. Doull, J. P. Atherton, R. D. Crouse  
Lect.: 3 hrs.  
Lectures on a number of the chief works of Greek and Latin literature.
- 22. Greek History.** (1966-67). J. P. Atherton  
Hours to be arranged. Prerequisite: History 2, or the approval of the instructor. A seminar course in Greek history from 776 B.C. to the end of the Peloponnesian War.
- 23. Roman History.** (1965-66). J. P. Atherton  
Hours to be arranged. Prerequisite: History 2, or the approval of the instructor. A seminar course in Roman history from 133 B.C. to the death of Claudius.
- 24. Ancient Philosophy from Aristotle to Augustine.**  
See Philosophy 24.
- 25. Mediaeval Philosophy.** (1965-66).  
See Philosophy 25.

Towards meeting degree requirements, the History classes listed above may be counted as Classics or as History and the Philosophy classes as Classics or as Philosophy.

### ECONOMICS and SOCIOLOGY

#### Economics

Professor	-	-	-	-	-	-	-	J. F. Graham (Head of Dept.)
Associate Professor	-	-	-	-	-	-	-	A. M. Sinclair
Visiting Associate Professor	-	-	-	-	-	-	-	C. Y. Chao
Assistant Professor	-	-	-	-	-	-	-	R. L. Comeau

Students who think they might wish to take the honour course in Economics are advised to consult the Department as early as possible in the years preceding the time of entry into the Honours course.

Substantial changes in and additions to the classes listed here will be made. Students should consult either the Registrar's Office or the Department before registering.

More advanced classes will be found in the graduate section of the Calendar, and in the list that will be posted at the time of registration. Senior undergraduates with high standing may be admitted to graduate classes at the discretion of the instructors concerned.

- 1. Principles of Economics.** J. F. Graham, R. L. Comeau  
Lect.: 3 hrs. (four sections).
- 2. Money, Banking, and International Trade.** A. M. Sinclair  
Lect.: 3 hrs.
- 3. Labour Economics.** R. L. Comeau  
Lect.: 3 hrs.
- 5. Public Finance.** J. F. Graham  
Lect.: 2 hrs.
- 6. Economic Statistics.** R. E. George  
Lect.: 3 hrs; lab.: 2 hrs.  
Prerequisites: Economics 1 and Mathematics 1. Functions of statistical methods; collection, analysis, and presentation of statistical information; measures of central tendency, dispersion, skewness, and kurtosis; analysis of time series; index numbers; two-variable correlation; curve-fitting and chi-square test; probability; sources of Canadian statistical information. (Same as Commerce 12.)
- 7. International Trade: Theory and Policy.** A. M. Sinclair  
Lect.: 2 hrs.  
Prerequisite: Economics 2. Others may be admitted by special permission of the instructor.
- 8. History of Economic Thought.**  
Lect.: 3 hrs.  
Prerequisite: Economics 1.
- 10 and 11.**  
These are the special classes for honour students prescribed in the regulations governing honour courses.

**12. Economic Analysis I. (1965-66).**

A. M. Sinclair

Lect.: 2 hrs.

Prerequisite: Economics 1. This class will cover micro-economic theory.

**13. Economic Analysis II. (1966-67).**

A. M. Sinclair

Lect.: 2 hrs.

Prerequisite: Economics 1. This class will cover macro-economic theory.

**14. Comparative Economic Systems. (1965-66).**

Lect.: 3 hrs.

Prerequisite: Economics 1.

**15. Canadian Economic History. (1965-66).**

Lect.: 3 hrs.

Prerequisite: Economics 1.

**16. Economics of Socialism. (1965-66).**

Lect.: 3 hrs.

Prerequisite: Economics 1.

**17. Theory and Problems of Economic Development.**

Lect.: 3 hrs.

Prerequisite: Economics 1.

**19. World Economic Geography. (1966-67).**

R. S. Cumming

Prerequisite: Economics 1. (Same as Commerce 9.)

**20. Economic Development of Western Civilization. (1965-66).**

R. S. Cumming

Lect.: 3 hrs. (Same as Commerce 10.)

Prerequisite: Economics 1. (Same as Commerce 10.)

**21. Applied Economics.**

R. E. George

Lect.: 3 hrs.

Prerequisites: Economics 1 and 2. The application of economic principles to the problems of economic control; optimum pricing and distribution of factors of production under private and public enterprise; control of monopoly and restrictive practices; location of industry; economics of underdeveloped areas. (Same as Commerce 11.)

**22. Theory of the Business Cycle.**

R. E. George

Lect.: 2 hrs. (consecutive).

Prerequisites: Economics 1 and 2. National income and expenditure; description, history, and measurement of business cycles; theories of the business cycle; control, domestic and international, of business fluctuations. (Same as Commerce 7.)

**23. The Regional Economy of North and South America.**

R. S. Cumming

Tutorial Class. Admission is by permission of the instructor and is restricted to advanced students. Time to be arranged. (Same as Commerce 15.)

**24. Economic History of Great Britain and the British Empire Overseas.**

R. S. Cumming

Tutorial Class. Admission is by permission of the instructor and is restricted to advanced students. (Same as Commerce 16.)

**25. Regional Economic Development.**

Lect.: 2 hrs.

Prerequisite: Economics 1.

**27. Philosophy, Politics, and Economics.**

D. Braybrooke

Seminar: 2 hrs. This class is principally for honour and graduate students. (See Philosophy 17.)

**28. Production Economics.**

Lect.: 2 hrs.

Prerequisite: Economics 1.

**Seminar for Honour and Graduate Students.**

All such students are required to take part in this seminar, which will be held as occasion requires. The purpose of the seminar is to help students to select subjects for honour essays and M.A. theses and to provide systematic criticism of essays and theses in the course of their preparation. Members of the Department and visitors may also present papers. This seminar will not count as part of the course requirements for a degree.

**Sociology**

Associate Professor	-	-	-	-	-	-	-	-	-	F. Uhlir
Assistant Professor	-	-	-	-	-	-	-	-	-	V. Serl

Substantial changes and additions will probably be made. Students should consult either the Registrar's Office or the Department before registering, and refer to the Graduate Section of the Calendar for more advanced classes.

**1. Principles of Sociology.**

Lect.: 3 hrs.

**2. Contemporary Society. (1965-66).**

V. Serl

Lect.: 2 hrs.

Prerequisite: Sociology 1 or Anthropology 1 or permission of the instructor. A survey of the major dimensions of modern society—population and demographic factors, ecological and social aspects, etc. The direction of contemporary social change and of particular social maladjustment will also be considered.

**3. Sociology of Work. (1966-67).**

Prerequisite: Sociology 1 or Anthropology 1 or permission of the instructor. The sociological perspective of economic activities, occupational roles and relationship between work and leisure.

**4. Christianity and Western Civilization. (1965-66).** F. Uhlir

Lect.: 2 hrs.

Prerequisite: Sociology 1 or Anthropology 1 or Economics 1 or History 1. A study of the roots of Western civilization in the social heritage of the past twenty centuries. Concepts of social man and personality in pre-mediaeval, mediaeval and modern times. The Christian basis of modern man and society. *Texts*: Beatty and Johnson, *Heritage of Western Civilization*; K. Mannheim, *Diagnosis of Our Time*; P. Sorokin, *The Crisis of Our Age*; H. Butterfield, *Christianity and History*.

**5. Social Theory.**

Prerequisite: Sociology 1 or Anthropology 1.

**6. Programmes of Social Reconstruction in Our Age. (1966-67).**

Lect.: 2 hrs.

Prerequisite: Sociology 1 or Anthropology 1 or permission of the instructor. Contemporary social and economic ideologies; democratic and totalitarian attempts to solve social problems; conflicts between tradition and progress, and disturbances in the sphere of social values; toward a new social philosophy. *Texts*: K. Mannheim, *Man and Society in an Age of Reconstruction*; J. Maritain, *Christianity and Democracy*; H. E. Barnes, *Society in Transition*; L. Mumford, *Faith for Living*.

**7. Comparative Study of Religion. (1965-66).** F. Uhlir

Lect.: 2 hrs.

Prerequisite: Sociology 1 or Anthropology 1 or Economics 1 or History 1. Primitive man and religion; religious foundation of great civilizations of the past. Judaism, Mohammedanism, Christianity; theories of religion; Christianity in a changing world. *Texts*: Noss, *Man's Religion*; Sydney Cave, *Christianity and Some Living Religions of the East*; Sorokin-Zimmerman-Galpin, *A Systematic Source Book in Rural Sociology, Vol. I*; Loughmead Casserley, *The Retreat from Christianity*; George Galloway, *The Philosophy of Religion*.

**8. Seminar in Sociological Methodology and Research.** F. Uhlir

Prerequisite: Sociology 1 or Economics 1. Students who take this class will be required to register for Sociology 9 the following year. Students will be admitted to this class only with the permission of the instructor. Methods of sociological research; the survey and its techniques; construction of tables and statistical methods; practical training.

**9. Advanced Seminar in Sociological Research. (1966-67).**

Prerequisite: Sociology 8. Field-work; analysis of data; research report. *Texts*: Young, *Scientific Social Surveys and Research*; H. W. Odum and K. Jocher, *An Introduction to Social Research*; F. E. Croxton and D. J. Cowden, *Applied General Statistics*.

**10. Class, Status, and Power. (1966-67).**

Lect.: 2 hrs.

Prerequisite: Sociology 1. A study of research and theory on social stratification, social mobility, and the distribution of power both in social organizations and in total societies.

**11. Sociology of Small Groups. (1965-66).**

Prerequisite: Fourth year standing or permission of the instructor. A detailed consideration of the characteristics of small groups and of the place of small groups in social systems.

**12. History of Social Thought. (1966-67).**

See Anthropology 5.

**Anthropology**

Associate Professor - - - - - P. Gravel

**1. Introduction to Anthropology.**

P. Gravel

Lect.: 3 hrs.

A survey class designed to introduce students to anthropology and its sub-fields: physical anthropology, archaeology, and cultural anthropology (including linguistics).

**2. Primitive Society. (1965-66).**

P. Gravel

Lect.: 2 hrs.

Prerequisite: Sociology 1 or Anthropology 1 or permission of the instructor. An introduction to the study of social organization in anthropology, with emphasis on structure and function and their relation to environment and development. *Texts*: Bohannan, *Social Anthropology*; Dole and Carneiro, *Essays in the Science of Culture*.

**3. Peoples and Cultures of Africa. (1966-67).**

P. Gravel

Lect.: 3 hrs.

Prerequisite: Third year standing or permission of the instructor. An ethnographic survey of Africa south of the Sahara, including an introduction to the geography, prehistory, and history of the area in addition to a detailed discussion of selected African societies. *Text*: Ottenberg, *Cultures and Societies of Africa*.

**4. Peoples and Cultures of Oceania. (1965-66).**

V. Serl

Prerequisite: Third year standing or permission of the instructor.

An ethnographic survey of Oceania (excluding Australia and New Zealand), including an introduction to the geography, prehistory, and history of the area. *Text*: Oliver, *The Pacific Islands*.

**5. History of Social Thought.** (1966-67).

Prerequisite: third year standing and Sociology 1 or Anthropology 1 or Economics 1. A survey of the beginning and development of sociological and anthropological thought as revealed in the writings of the outstanding figures in both fields. This course is the same as Sociology 12.

**6. Peoples of the New World.** (1965-66).

Prerequisite: third-year standing or permission of the instructor. An ethnographic survey of the New World including the distribution and pre-history of Indian groups and detailed discussion of selected tribes.

**ENGLISH LANGUAGE AND LITERATURE**

Professors -	-	-	-	-	-	-	-	A. R. Bevan (Head of Dept.), C. L. Bennet, S. E. Sprott
Visiting Professor	-	-	-	-	-	-	-	A. L. Wheeler
Associate Professors	-	-	-	-	-	-	-	M. G. Parks, D. P. Varma, H. S. Whittier
Assistant Professors	-	-	-	-	-	-	-	A. G. Cannon, R. M. Dawson, J. Fraser, R. Hafter, S. Mendel, R. L. Raymond, J. D. Ripley

**1. Introduction to Poetry, Fiction, and Drama.**

Lect.: 3 hrs. (10 sections)

An introduction to the critical reading of literature for students taking a first-year class in English for a degree in Arts, Science, or Commerce. *Texts*: Laurence Perrine, *Sound and Sense: An Introduction to Poetry*; an anthology of short stories (to be announced); Bulfinch's *Mythology*; Shakespeare, *King Lear*; Synge, *The Playboy of the Western World*; Miller, *Death of a Salesman*; Dickens, *Great Expectations*; Crane, *The Red Badge of Courage*; James, *The Turn of the Screw*; Fitzgerald, *The Great Gatsby*. Handbook for theme correction; Baker, *The Practical Stylist*.

**2. Survey of Major British Writers.**

Lect.: 3 hrs. (10 sections).

Prerequisite: English 1 or an equivalent class, or Senior Matriculation with a mark of at least 65% in English. An historical study of English literature through the works of major writers. *Texts*: Chaucer; Shakespeare, *Henry IV, I*, *Othello*, *The Tempest*; Milton, *Paradise Lost*; Pope; Bronte, *Wuthering Heights*; Conrad, *Heart of Darkness*; Cary, *The Horse's Mouth*; T. S. Eliot, *The Waste Land*. Handbook for theme correction: *Handbook for Writers*.

**\*3. Middle English.** (1965-66).

A. G. Cannon

Lect.: 3 hrs.

Prerequisite: English 2. Primarily for honour students. An introduction to literary traditions, 1100-1500, with close textual study of selected works. *Texts*: Chaucer, ed. Robinson; *Mediaeval English*, ed. Kaiser.

**\*4. Poetry of the Nineteenth Century.** (1965-66).

Lect.: 3 hrs.

Prerequisite: English 2. Blake; Wordsworth; Coleridge; Shelley; Keats; Byron; Tennyson; Browning; Arnold.

**5. Victorian Literature.** (1965-66).

Lect.: 2 hrs.

C. L. Bennet

Prerequisite: English 2. Carlyle; Newman; Ruskin; Arnold; Dickens; Thackeray; Tennyson; Browning.

**\*6. Old English.** (1965-66).

Lect.: 3 hrs.

R. M. Dawson

For honour and graduate students, and others by special permission. Students intending to take this class should arrange for preparatory reading during the summer.

**\*7. Shakespeare and Elizabethan Drama.** (1965-66).

Lect.: 2 hrs.

A. L. Wheeler

Prerequisite: English 2. Direction for summer reading should be obtained from the instructor.

**8. American Literature.** (1965-66).

Lect.: 2 hrs.

Prerequisite: English 2. This is a survey class in American literature. Summer reading is strongly urged. Students should obtain lists from the instructor in the spring.

**9. Drama.** (1965-66).

Lect.: 3 hrs.

J. D. Ripley

Prerequisite: English 2. An historical survey of the development of drama, from Aeschylus to Osborne, with a co-ordinated study of major trends in theatre architecture, stagecraft, and acting technique. Interested students are invited to attend the Drama Workshop (optional and non-credit) held weekly in conjunction with the class.

**10. Canadian Literature.** (1966-67).

Lect.: 2 hrs.

M. G. Parks

Prerequisite: English 2. A survey class in English-Canadian literature with a few French-Canadian novels in translation. Some of the poets to be studied are Crawford, Roberts, Carman, Lampman, D. C. Scott, Pratt, F. R. Scott, A. J. M. Smith, Earle Birney, Klein, Page, and Layton; prose writers and novelists are T. C. Haliburton, Richardson, Kirby, Leacock, Grove, Ringuet, Day, Callaghan, Gabrielle Roy, MacLennan, Ernest Buckler, and Robertson Davies. Summer reading of the required novels is recommended. The instructor will supply a list. *Text*: Klinck and Watters, *Canadian Anthology*.

- 11. Modern Poetry. (1965-66).** J. Fraser  
Lect.: 2 hrs.  
Prerequisite: English 2.
- \*12. Literary Criticism. (1965-66).** R. Hafter  
Hours to be arranged. For Honour students; others by special permission only. A study of the history, theory, and practice of literary criticism. *Text: Bate, Criticism: the Major Texts.*
- 13. History of the English Language. (1965-66).** A. G. Cannon  
Lect.: 2 hrs.  
Prerequisite: English 2.
- \*14. Non-Dramatic Literature of the Sixteenth Century. (1965-66).** R. L. Raymond  
Lect.: 2 hrs.  
Prerequisite: English 2. A study of representative works of More, Erasmus, Wyatt, Surrey, Elyot, Ascham, Hooker, Sidney, Marlowe, Shakespeare, Daniel, Drayton, Lyly, Greene, and Nashe, with special emphasis on the poetry of Spenser. *Texts: More, Utopia; Spenser, The Shepherd's Calendar and other Poems (Everyman) and The Faerie Queene, Vol. I (Everyman); Hebel, Hudson, et al., Tudor Poetry and Prose.*
- \*15. Restoration and Eighteenth-Century Literature. (1965-66).** R. Hafter  
Lect.: 2 hrs.  
Prerequisite: English 2. Students intending to enrol in this class are advised to consult the instructor for summer reading.
- 16. The English Novel to 1900. (1965-66).** D. P. Varma  
Lect.: 2 hrs.  
Prerequisite: English 2. A detailed study of some of the major English novels. Summer reading is advisable.
- \*17. Advanced Seminar.** Members of the department are prepared to offer, to properly qualified students, the opportunity to make a special study of the works of a single author of whom a sufficient introductory knowledge has already been obtained. Admission will be strictly limited. Prospective students should consult the instructor and arrange for summer reading.
- 19. Scottish Literature from 1375 to the Present.**  
*Text: Gray, Scottish Poetry from Barbour to James VI.*
- 21. Twentieth Century Fiction. (1965-66).** A. R. Bevan  
Lect.: 2 hrs.  
Prerequisite: English 2. A study of selected works of Conrad, James, Joyce, Lawrence, Woolf, Forster, Huxley, Cary, Evelyn Waugh, Faulkner, Hemingway.

- \*22. Nineteenth-Century Thought. (1965-66).** S. Mendel  
Lect.: 2 hrs.  
Prerequisite: English 2. A study of some prose writers of the period, with emphasis on the history of ideas.
- \*23. Non-Dramatic Literature, 1600-1660. (1965-66).** M. G. Parks  
Lect.: 2 hrs.  
Prerequisite: English 2. A study of representative works of Bacon, Donne, Jonson, Herbert, Crashaw, Vaughan, Marvell, Cowley, Burton, Browne, and Taylor, with special emphasis on the poetry of Milton. *Texts: Hughes (ed.), John Milton: Complete Poems and Major Prose; anthology to be announced.*
- 26. The English Bible. (1965-66).** J. B. Corston  
Lect.: 2 hrs.  
Prerequisite: English 2 (which, with the consent of the Head of the Department and of the Lecturer, may be taken at the same time). This course attempts to acquaint the student with the whole field of Biblical literature as contained in the Old and New Testaments. The Old Testament is approached as the record of the life of the Hebrew race as that life expressed itself in History, Law, Prophecy, Poetry, Devotion, Wisdom, and Apocalypticism. The New Testament is studied as the literature of the new life movement which began in Christianity and issued in the preservation of Gospel records, historical data, and such literary work as bore witness to the life and teaching of the early Christian community. *Reference texts: J. A. Bewer, The Literature of the Old Testament; E. F. Scott, The Literature of the New Testament; T. W. Manson, A Companion to the Bible; M. E. Chase, The Bible and the Common Reader.*
- 30. Masterpieces of Western Literature. (1965-66).** H. S. Whittier  
Lect.: 3 hrs.  
Prerequisite: English 2. A course of intensive reading in translations of selected major works from Western literature designed to lead to an understanding of the continuity of that literature. *Texts: The Bible: Selections from the Old and New Testaments (Rinehart); Homer, The Odyssey (Penguin); Plato, The Last Days of Socrates (Penguin); Dante, The Inferno (Mentor); Cervantes, Don Quixote (Viking Portable); Moliere, Eight Plays by Moliere (Modern Library); Voltaire, Candide (Crofts Classics); Goethe's "Faust" (Oxford); Dostoyevsky, Notes from Underground (Dell). Some changes may be made in this list of texts. Interested students should consult the instructor during registration.*
- \*120. Restoration and Early Eighteenth Century. (1965-66).** A. R. Bevan  
Hours to be arranged. Prerequisite: English 15. A seminar in which emphasis is on the works of Dryden, Swift, and Pope.
- 131. Spenser and Milton. (1965-66).** M. G. Parks  
Lect.: 2 hrs.  
Prerequisite: English 14 or English 23. Graduate seminar. Spenser: selected shorter poems and special study of *The Faerie Queene*. Milton: poetry and selected prose, with emphasis on *Paradise Lost*. Students intending to take this class

should read *The Faerie Queene* during the summer. *Texts*: Spenser, *The Shepherd's Calendar and Other Poems* (Everyman edition) and *The Faerie Queene* (Everyman, 2 vols.); Hughes: *Milton: Complete Poems and Major Prose*.

**\*124. Literature and Society, 1870-1920.** (1966-67). J. Fraser  
 Hours to be arranged. Prerequisite: English 5, or 11, or 21. Graduate seminar. A study of authors, movements, and trends during the transition from Victorianism to Modernism. Among the authors and subjects to be studied are Swinburne, James, Pater, Kipling, the Nineties, Shaw, Wells, Conrad, Lawrence, and the literature of the First World War. Students should obtain summer reading lists from the instructor.

**\*125. Shakespeare and Elizabethan Drama.** (1965-66). S. E. Sprott  
 Hours to be arranged. Prerequisite: English 7 or the equivalent. Graduate seminar.

**\*127. Blake.** (1966-67). H. S. Whittier  
 Hours to be arranged. Prerequisite: English 4 or its equivalent. Graduate seminar.

**\*128. Mediaeval Literature.** (1966-67). R. M. Dawson  
 Hours to be arranged. Prerequisite: English 3 or its equivalent. Graduate seminar.

**\*129. The Novel of the Eighteenth Century.** (1966-67). D. P. Varma  
 Hours to be arranged. Prerequisite: English 15 or 16. Graduate seminar.

**\*32. Twentieth-Century English Literature.** (1965-66). J. Fraser  
 Lect.: 3 hrs.  
 Prerequisite: English 2. Students intending to enrol in this class are advised to consult the instructor for summer reading.  
 Other graduate classes to be announced.

FINE ARTS

Associate Professor - - - - -  
 Special Lecturer - - - - - Donald C. Mackay

**History of Art Survey** D. C. Mackay  
 W. and F. at 4:30 p.m. This class, consisting of about fifty illustrated lectures, will give an outline of the development of sculpture, painting, architecture, and the minor arts, with an analysis of their structure and function. The introductory lectures will be related to archaeology and the study of ancient art. The latter part of the term will be devoted chiefly to the evolution of creative art from the Renaissance to modern times. A valuable collection of books on art, photographs, reproductions, and engravings presented by the Carnegie Foundation is available for the use of members of this class. *Text*: H. W. Janson, *History of Art*.



**KING'S CHAPEL**  
 The window is in memory of Dr. C. E. Willetts, former President; the pavement lights in memory of Canon W. S. H. Morris, D.D., and the organ in memory of the Founder of the College, Bishop Chas. Inglis, first overseas Bishop of the Church of England.

**History of Art I.****History of Art 2.**

History of Art 1 and 2 will develop particular periods in greater detail than in the Survey class.

**GEOLOGY AND MINERALOGY**

<i>Professors</i>	-	-	C. G. I. Friedlaender (Head of Department)	H. B. S. Cooke				
<i>Associate Professor</i>	.	-	-	-	-	-	-	G. C. Milligan
<i>Associate Professor (Oceanography)</i>	.	-	-	-	-	-	-	M. J. Keen
<i>Assistant Professors</i>	.	-	-	P. E. Schenk, D. J. Stanley, D. J. P. Swift				
<i>Special Lecturers</i>	.	-	-	J. E. Blanchard, A. E. Cameron, J. F. Jones B. D. Loncarevic, D. H. Loring, J. I. Marlowe				

Students specializing in Geology should take as a minimum the following classes: Geology 1, 2, 3, 4 and 7 or 1, 2, 3, 16 and 17. Geology 1 should be taken in the first year.

Students intending to make their career in Geology should consider taking an honour course.

**1. General Geology.**

P. E. Schenk, D. J. P. Swift

Lect.: 3 hrs; lab.: 3 hrs. (2 sections).

Students in Engineering should register for the first section, except by special permission. Introductory survey of main fields of geology and their relations to one another. Intended for those who are not pursuing geology as a career, as well as for those who are preparing for specialized classes. Emphasizes the geological events and processes evident in the world about us. There is no prescribed text. Readings are assigned from suitable references in the departmental library.

**2. Mineralogy.**

C. G. I. Friedlaender

Lect.: 2 hrs; lab.: two periods per week.

Introduction to geometrical and physical crystallography. Laboratory: study of crystal models; use of the Polarising microscope; evaluation of Debye-Scherrer diagrams.

**3. Petrology.**

C. G. I. Friedlaender

Lect.: 2 hrs; lab.: one afternoon period.

Students taking Geology 3 may take Geology 2 concurrently. Descriptive petrography of common rock types; introduction to microscopic petrography; attempt at interpretative petrology. Laboratory: practice in megascopic determination of rocks; study with the microscope of rock-forming minerals and rocks.

**4. Ore deposits. (1965-66).**

G. C. Milligan

Lect.: 3 hrs.

Case histories of selected mines and districts illustrating the types in a classification of ore-deposits and the factors controlling ore deposition.



- 6. Advanced Ore-deposits.** (1966-67). G. C. Milligan  
Hours to be arranged. Prerequisite: Geology 1, 2, 3, 4. (Chemistry 5 is not a prerequisite but is strongly recommended as preparation.) Controlling factors in deposition of hydrothermal ores, as illustrated by selected districts and mines. Includes exercises in structural problems in mining, and in sampling and valuation. Laboratory work in ore microscopy.
- 7. Structural Geology.** (1965-66). G. C. Milligan  
Prerequisite: Geology 1, 2, 3, 4, and 5. A seminar which includes discussion of major structural problems such as orogeny, isostasy, geosynclinal development, granitization, etc.
- 8. Selected Topics in Canadian Geology.** (1966-67). G. C. Milligan  
Hours to be arranged.
- 9. Geochemistry.** C. G. I. Friedlaender, D. H. Loring  
Hours to be arranged. Abundance and distribution of elements in the lithosphere, and special discussion of the preponderant elements and their nuclides.
- 10. Volcanoes and Volcanic Products.** (1966-67). C. G. I. Friedlaender  
Hours to be arranged.
- 11. Examination of Mineral Properties.** A. E. Cameron  
Lect.: 2 hrs; lab.: to be arranged.  
Lecture and laboratory course on the evaluation of mineral deposits, and on the use of the physical and chemical properties of minerals in the recovery of metal from ore.
- 12. Earth Physics.** J. E. Blanchard, M. J. Keen  
Lect.: 3 hrs; lab.: 3 hrs.  
Prerequisites: Geology 1, Physics 10, Mathematics 2. Practical exercises may be assigned. The origin, age, and constitution of the Earth; the physical properties of rocks and minerals, and the application of geophysics to geological problems.
- 13. Sedimentology.** D. J. Stanley, D. J. P. Swift  
Lect.: 2 hrs; lab.: 3 hrs.  
Sedimentary processes and sedimentary rocks, with especial reference to marine conditions and the ocean bottom.
- 14. Crystal Chemistry.** (1965-66). C. G. I. Friedlaender, D. H. Loring  
Hours to be arranged.
- 18. Advanced Petrology.** (1965-66). C. G. I. Friedlaender  
Hours to be arranged. Universal Stage Methods; study of Petrofabrics; Modal Analysis.
- 16. Palaeontology.** D. J. P. Swift  
Lect.: 2 hrs; lab.: 3 hrs.  
A study of the biologic and stratigraphic relationship of fossil forms with emphasis on morphologic structure, on paleoecology, and on evolutionary trends. *Text:* Moore, Lalicker, and Fisher, *Invertebrate Fossils*.

- 17. Stratigraphy.** P. E. Schenk  
Lect.: 2 hrs; lab.: 3 hrs.  
Interpretation of depositional environment from the study of the lithology, distribution, correlation, paleoecology, and lateral and vertical relationships of stratified rock.
- 18. Introduction to Marine Geology.** M. J. Keen, D. J. P. Swift  
First term: basic elements of Geology. Lect.: 2 hours per week and lab. Second term: elements of Marine Geology. Lect.: 2 hours per week. Practical exercises by arrangement.
- 19. Pleistocene Geology.** (1966-67). H. B. S. Cooke  
Hours to be arranged.
- 20. Introduction to Vertebrate Palaeontology.** (1965-66). H. B. S. Cooke  
Prerequisite: Palaeontology or Biology 1.
- 21. Groundwater Geology.** J. F. Jones  
Hours to be arranged.
- 22. Statistical Techniques in Geology.** D. J. P. Swift
- 23. Advanced Historical Geology.** P. E. Schenk  
**Geology Seminar.** Presentation of papers by guest speakers, members of the staff, and senior students.
- Spring Course in Field Geology.** In co-operation with Acadia, Mount Allison, St. Francis Xavier, and St. Mary's Universities, a field course of approximately two weeks' duration is conducted at Crystal Cliffs, N. S. This course is held immediately following the conclusion of Spring examinations. It is compulsory for students specializing in Geology, after their third year. A fee of \$40.00 for full board is payable with the second instalment of University fees.

## GERMAN

Assistant Professor	-	-	-	-	-	-	-	-	-	-	A. Roulston
Lecturers	-	-	-	-	-	-	-	-	-	-	G. Josenhans, D. Steffen

## German Language

A language Laboratory is at the disposal of the students, enabling them to improve their spoken German. In some classes laboratory work is compulsory. Students who have completed Grade XI or XII German, or have credit in German from another institution, or come from a German-speaking country, are required to consult the Department of German before registration.

**11. Complete First Course in German.**

Lect.: 3 hrs (2 sections).

This class is intended for those beginning the study of German. Its objectives are to help students to acquire a thorough knowledge of basic grammar and vocabulary leading to skill in reading, understanding, writing, and speaking. This

class may be counted as a credit towards a degree when a second class in German has been satisfactorily completed.

### 12. A General Review of Basic German.

Lect.: 3 hrs.

Prerequisite: Matriculation German, German 11, or the equivalent. This class is designed to meet the needs of students who, in the opinion of the Department, are insufficiently prepared to take German 13. The Department may also admit students who are beginning the study of German.

### 13. Introduction to Literary and Conversational German.

Lect.: 3 hrs.

Prerequisite: Senior Matriculation German, or German 11 or 12. (Students coming from German 11 must have a final mark of 80 or over to be admitted to this class, the objectives of which are to develop facility in reading, understanding, writing, and speaking the German language. Special attention is given to the advanced reading of prose and poetry and to exercises in practical conversation. The final examination of the academic year includes an oral test requiring preparation in the Language Laboratory.

### 17. Scientific German.

Lect.: 3 hrs.

Prerequisite: German 11 or 12, or equivalent reading knowledge. This class will enable Science, Pre-medical, Pre-dentistry, and Engineering students to use German scientific texts. It will not be counted as a credit towards an Arts degree in Section ii), p. 63.

### German Literature and Thought

Students will be expected to have acquired a sound reading knowledge of German.

### 21. Introduction to the Study of German Literature.

A study of Poetry, Drama, and Fiction of the various periods of German Literature since the sixteenth century. Special emphasis will be laid on basic questions of literary criticism.

### 31. The Baroque Age. (1965-66).

Lect.: 2 hrs.

Prerequisite: English 1 or the equivalent in any other language, or History 14. A study of the representative writers of the seventeenth century, the era of the Reformation and Counter-Reformation, the Thirty Years' War, and the destruction of Germany.

### 32. The Age of Enlightenment. (1966-67).

A study of the revival of German culture in the Age of Enlightenment: Leibniz, Baumgarten, Klopstock, Lessing, Wieland, Winckelmann, Lichtenberg, and others.

33. **The Period of Transition: Goethe and His Time. Part I.** (1966-67)  
(From Herder to the death of Schiller, 1760-1805). A study of the writings of Hamann, Herder, Goethe, Schiller, and others.

34. **The Period of Transition: Goethe and His Time. Part II.** (1965-66).  
(From Romanticism to the death of Hegel, 1795-1830).

Prerequisite: English 1 or the equivalent in any other language, or History 4 or 5. A study of the writings of the later Goethe, Jean-Paul, Hölderlin, Kleist, Friedrich Schlegel, Novalis, Eichendorff, E. T. A. Hoffmann, and others.

35. **German Philosophy.** (1965-66).

Seminar. Prerequisite: Philosophy 1 or a seminar in Greek Philosophy. In 1965-66: A study of Hegel's Phenomenology of Mind.

36. **Literature and Society in the Nineteenth Century.** (1965-66).

Lect.: 2 hrs.

A study of the problems of literature in the "Age of Realism". Works of Mörike, Heine, Büchner, Keller, Storm, Fontane, and others.

37. **Modern German Literature.**

A study of trends in modern German Literature. Hauptmann, Hofmannsthal, Rilke, George, the Expressionists, Thomas Mann, Kafka, Brecht, and others.

41. **Seminar on Goethe's Faust.** (1965-66).

For graduate students or those who are taking an honour degree in any modern or ancient language.

The Department reserves the right to cancel classes with an enrolment of fewer than six students, or to transform them into tutorial classes carrying full credit towards advanced degrees.

### HEBREW

*Special Lecturer* - - - - - J. B. Hardie

1. **Introductory Hebrew.** For lecture hours, see Pine Hill and King's College Divinity time tables.

### HISTORY

*Professors* - - - - - P. B. Waite (Head of Dept.), G. E. Wilson  
*Associate Professors* - - - G. R. MacLean, C. B. Fergusson, H. S. Granter  
*Assistant Professors* P. Burroughs, G. A. Rawlyk, R. P. Bonine, T. K. Hareven  
*Special Lecturer* - - - - - J. P. Atherton

Students wishing to specialize in History should consider taking Honours (see page 71). Application for admission to honour courses should be made by the beginning of the third year. Programmes are arranged in consultation with the Department.

- 1. History of Europe.** G. R. MacLean, P. B. Waite  
Lect.: 3 hrs (2 sections).

A general survey of the politics and social history of Europe from the fall of the Roman Empire to the First World War, Specific outside reading is required. *Texts:* Brinton, Christopher and Wolff, *Civilization in the West*; *Hammond's Historical Atlas*; selected paperbacks.

- 2. Ancient History.** J. P. Atherton, R. Crouse  
Lect.: 3 hrs.

Prerequisite: History 1. A survey of the ancient world with the emphasis on the development of Greek civilization and its spread throughout the Mediterranean.

- 3. History of England to 1714.** H. S. Granter  
Lect.: 3 hrs.

Prerequisite: History 1. Aims to describe the foundations of society and government in England after the Germanic settlement and its evolution up to the end of the Stuart era.

- 4. History of Europe, 1814-1914.** R. P. Bonine  
Prerequisite: History 1. An analysis of the period in terms of Liberalism, Romanticism, Conservatism, Nationalism, Industrial Society, and Imperialism.

- 5. History of Europe, 1715-1815.** G. E. Wilson  
Prerequisite: Two classes in History. This class will be conducted partly as a seminar, readings being assigned on selected topics. The chief subjects for study will be the French Revolution and the career of Napoleon. If possible, students should read a narrative account of the period before taking the class. For this purpose the following books are recommended: J. M. Thompson, *The French Revolution* and either A. Fournier, *Napoleon I* or J. H. Rose, *The Life of Napoleon I*.

- 6. History of England since 1714. (1966-67).** H. S. Granter  
Lect.: 3 hrs.

Prerequisite: History 1. The theme of the course will be the development of modern industrial England and the adaptation of its earlier institutions to a modern society. Emphasis will be given to the nineteenth century.

- 7. The Middle Ages.** T. K. Hareven  
Lect.: 2 hrs.

Prerequisite: History 1. Analyses the establishment of a distinct type of society in Western Europe after the Barbarian Invasions, the social, economic, and institutional developments of the High Middle Ages, and their mutations in the fourteenth and fifteenth centuries.

- 8. History of Canada.** G. A. Rawlyk  
Lect.: 3 hrs.

Prerequisite: History 1. A general survey of Canadian social, political, and economic development since the fifteenth century. Special emphasis will be placed on the impact of European civilization upon the aborigines, the evolution of French Canadian society, Canadian political development in the nineteenth century, and

the rise of the Western protest movements in the 1920's and 30's. Preparatory summer reading might include M. Bishop, *Champlain, The Life of Fortitude*; W. J. Eccles, *Frontenac, the Courtier Governor*; W. Kilbourn, *The Firebrand*; D. Creighton, *John A. Macdonald* (2 vols.); J. Careless, *George Brown of the Globe* (2 vols.).

- 9. Canadian-American Relations.** G. A. Rawlyk  
Prerequisite: History 8. A seminar course primarily for honour and graduate students. Others may be admitted at the discretion of the instructor. Emphasis will be placed on the impact of the American Revolution upon Nova Scotia and Quebec, the influence of the War of 1812 and Jacksonian Democracy upon Canadian development, the reciprocity movement, the United States and Confederation, the United States and the Canadian West, the Reciprocity Crisis of 1910-11, and United States-Canadian relations from 1914 to the present.

- 10. Canadian History with special reference to Nova Scotia.** C. B. Fergusson  
Lect.: 2 hrs.

Prerequisite: History 8. A seminar class for honour and graduate students. All others must obtain the consent of the instructor. Students will have opportunity for some training in the use of original records.

- 11. History of the United States to 1840. (1966-67).** G. A. Rawlyk  
Lect.: 3 hrs.

Prerequisite: History 1. A political, social, and economic history of the United States from the seventeenth century to 1840. Particular emphasis will be placed upon the impact of the "frontier" upon European ideas and institutions, the American Revolution, the Federalist-Republican conflict, and Jacksonian Democracy. Preparatory summer reading should include: D. J. Boorstin, *The Americans: The Colonial Experience*; L. W. Labaree, *Conservatism in Early American History*; P. Miller, *Errand into the Wilderness*; J. C. Miller, *The Federalist Era, 1789-1801*; G. G. Van Deusen, *The Jacksonian Era, 1828-48*; E. Morgan, *The Birth of the Republic*.

- 12. History of the United States Since 1840.** G. A. Rawlyk  
Lect.: 3 hrs.

Prerequisite History 1. Special emphasis will be placed on the causes of the American Civil War, the plight of the American Negro in the post-Civil War period, the Progressive Movement and social and political developments in the 1920's and 1930's. Selected paperbacks will be required. Summer reading might include R. Hofstadter, *The Age of Reform*; F. J. Turner, *The Frontier in American History*; W. P. Webb, *The Great Plains*; James Baldwin, *Go Tell it on the Mountain*.

- 13. History of Russia and the Soviet Union.** R. P. Bonine  
Lect.: 3 hrs.

Prerequisite: History 1. A survey from the ninth century to the present.

**14. European History from 1453 to 1648.**

T. K. Hareven

Lect.: 2 hrs.

Prerequisite: History 1. A study of European history with particular emphasis on the Renaissance, the Reformation and the Counter-Reformation, the seventeenth-century scientific movement, and the development of the State and its relationship to contemporary society.

**15. English Constitutional History.**

P. Burroughs

Lect.: 2 hrs.

Prerequisite: History 1. A survey of the evolution of the British constitution from the Anglo-Saxon period to the present, with special reference to the development of the monarchy, parliament, and executive and administrative institutions. *This course is particularly recommended for students intending to proceed to the study of law.*

**16. New England in the Seventeenth and Eighteenth Centuries. (1966-67).**

G. A. Rawlyk

Lect.: 2 hrs.

A seminar class primarily for honour and graduate students. Others may be admitted at the discretion of the instructor. Stress will be placed upon social, intellectual, and political developments in New England in the seventeenth and eighteenth centuries.

**17. A Period in Nineteenth-Century English History.**

H. S. Granter

A two-hour seminar class primarily for honour and graduate students. Others may be admitted at the discretion of the instructor.

**18. The American Revolution, 1763-1787.**

P. Burroughs

Lect.: 2 hrs.

Prerequisite: History 1 and the approval of the instructor. A seminar class on the causes of the American Revolution and the framing of the constitution.

**19. History of Europe in the Twentieth Century.**

G. R. MacLean

Lect.: 3 hrs.

Prerequisite: History 1. A survey which includes the two world wars, political developments within the major powers, international relations between the wars, the conflict of ideologies and the Cold War in Europe. Substantial outside reading in addition to the text is a requirement. *Text: H. Stuart Hughes, Contemporary Europe, a History.*

**20. History of the British Empire and Commonwealth.**

P. Burroughs

Lect.: 2 hrs.

Prerequisite: History 1. A survey of the growth of the British Empire with emphasis on the economic and constitutional aspects of British colonial policy and practice, and on the development of the Commonwealth.

**21. Problems in Twentieth-Century History.**

G. R. MacLean

Lect.: 2 hrs.

Prerequisite: History 19 or an approved class in twentieth-century European history. This seminar is intended primarily for students in their junior and senior years and will cover the causes of the two world wars, the peace settlement, the growth of authoritarianism in the twentieth century, and selected problems in the national histories of the major European powers. Extensive outside reading in primary and secondary sources will be required, and students will prepare papers for presentation and discussion in class.

**22. Greek History.**

J. P. Atherton

Prerequisite: History 2, or the approval of the instructor. A seminar in Greek history from 776 B.C. to the end of the Peloponnesian War.

**23. Roman History. (1966-67).**

J. P. Atherton

Prerequisite: History 2, or the approval of the instructor. A seminar course in Roman history from 133 B.C. to the death of Claudius.

**24. History of Africa. (1966-67).**

P. Burroughs

Lect.: 2 hrs.

Prerequisite: History 1. A seminar in African history, with special emphasis on European penetration and exploitation in the nineteenth century, and the growth of independence from colonial rule in the twentieth.

**25. The United States, 1900-1939.**

T. K. Hareven

Lect.: 2 hrs.

Prerequisite: History 11 or 12. A seminar with special emphasis on the impact of American thought on social and political reform during the Progressive Era, the First World War, the 1920's, and the New Deal.

**26. England under the Tudors and Stuarts, 1485-1714.**

H. S. Granter

Text.: 2 hrs.

Prerequisite: History 3 or the approval of the Instructor. An examination of the Tudor and Stuart revolutions in church, state, and society which established modern English polity before the Industrial Revolution of the late eighteenth and nineteenth centuries. This class will be conducted partly by the seminar method.

**27. History of Canada, 1837-1896.**

P. B. Waite

Lect.: 2 hrs.

Prerequisites: History 1, History 8. A seminar primarily for honour and M.A. students. Other students may be admitted at the discretion of the instructor. Students will have opportunity for some training in the use of original records.

**28. History of Russia since 1790.**

R. P. Bonine

Prerequisite: History 13 or permission of the instructor. A seminar in Russian political thought and action: Slavophilism and Panslavism, Populism and Nihilism, Marxism.

## MATHEMATICS

<i>Professors</i> - - - -	J. G. Adshead (Head of Dept.), A. J. Tingley
<i>Associate Professor</i> - - - -	M. Edelstein
<i>Assistant Professors</i> - - - -	E. L. Heighton, H. D. Cochrane, G. Steiner, R. Courter, E. B. Mercer
<i>Lecturers</i> - - - -	C. M. Reis, A. G. Heinicke

**100. Mathematical Analysis.** A. J. Tingley and others.

Lect.: 3 hrs (15 sections).

Prerequisite: Matriculation Algebra and Geometry. Algebra, including co-ordinates, graphs, logarithms, the binomial theorem, plane trigonometry, including the addition theorems and theoretical solution of triangles. Introduction to plane analytic geometry.

**200. Calculus.** J. G. Adshead, H. D. Cochrane, C. M. Reis,  
R. Courter, G. Steiner, A. G. Heinicke

Lect.: 3 hrs (8 sections).

Prerequisite: Mathematics 1 or both Nova Scotia Grade XII Mathematics courses with at least 70% in each, or the equivalent.

**218. Elementary Topology.** M. Edelstein  
Sets and mappings. Topological spaces and homeomorphisms. Surfaces, two-sidedness and orientability. Euler's Theorem on polyhedra. Metric spaces and metric topology. Connectedness and compactness. Topics in the topology of the plane.

## Third-Year Classes

Mathematics 2 is prerequisite for any of the following classes.

**300. Advanced Calculus.** M. Edelstein, A. G. Heinicke

Lect.: 3 hrs (2 sections).

Prerequisite: At least 60% in Mathematics 2 or its equivalent, or permission from the Head of the Department. The real and complex number systems. Infinite series, Partial derivatives and applications. Further work on integration (line, multiple, surface, and contour integrals). Analytic function theory. Differential equations.

**303. Algebra.**

Lect.: 3 hrs.

Integral domains, factorization of integers, the field of rational numbers. Vector spaces, linear transformations and matrices, inversion of matrices. Polynomial domains, factorization of polynomials, solution of polynomial equations.

**305. Projective Geometry.**

Lect.: 3 hrs.

**306. Probability and Mathematical Statistics. (1964-65).**

Lect.: 3 hrs.

Elementary probability theory will be introduced and numerous applications considered. Topics in mathematical statistics will include measure of central tendency and dispersion, significance tests, confidence intervals, analysis of variance, correlation, etc.

**307. Number Theory.**

**308. Calculus for Engineers.**

Lect.: 3 hrs (2 sections).

This class will contain a revision and amplification of previous work but it will also include some work that is given in Mathematics 300 and Mathematics 320, such as partial derivatives, multiple integrals, Taylor's theorem, approximate integration, etc. It is arranged for candidates for the Diploma in Engineering, and may not be offered for a degree in Arts or Science.

**312. Elementary Differential Equations.**

In addition to the classical methods of solving ordinary differential equations, transform methods and series methods are applied to obtain solutions which satisfy initial conditions. The implications of the existence and uniqueness theorems are considered in relation to the meaning of "general" and "singular" solutions. Application of the subject matter to mechanics, etc., is included and one of the orthogonal systems is studied.

**350. Foundations of Mathematics.**

Elements of set theory, cardinal and ordinal numbers; choice axiom, Zorn's lemma, well ordering principle, axiom of comparability, continuum hypothesis. Second term deals with an axiomatic development of the real numbers and a study of their topological structure.

## Senior Classes

These classes are intended for candidates for Honours in Mathematics, candidates for Honours in allied subjects, and for those wishing to take mathematical work in the ordinary course in Arts and Science. They are also designed to serve as introductory courses for those who may afterwards undertake post-graduate work in Mathematics. Mathematics 300 is the prerequisite class. Each class meets two hours per week.

**401. Theory of Functions of a Real Variable.**

Lect.: 2 hrs.

Elements of sets of points, limit theorems, uniform convergence, special functions, Fourier series, Lebesgue integration.

**402. Theory of Functions of a Complex Variable.**

Complex plane, elementary functions, conformal mappings, power series, Laurent series, Cauchy's integral theorem, calculus of residues, Riemann Mapping theorem.

**403. Modern Algebra.**

Lect.: 2 hrs.

Finite groups, homomorphisms, composition series, Abelian groups, algebraic fields, extension field, root fields of polynomials, the Galois group, Galois theory of equations.

**405. Differential Geometry and Tensor Analysis. (1965-66).****406. Probability. (1965-66).**

Topics covered will include axiomatic probability, Markov chains, probability distributions. Various distribution functions will be derived.

**412. Differential Equations.**

Lect.: 2 hrs.

This course will take up the work of differential equations as begun in Mathematics 300 and will mainly discuss ordinary differential equations, and, in particular, linear equations. Laplace's equation will be discussed and solutions found of the equations of Bessel and Legendre.

**418. Introduction to Algebraic Topology. (1966-67).**

Simplexes and simplicial complexes. Barycentric subdivisions and simplicial approximation. Chains, boundaries, cycles and homology groups. Invariance. Computation of homology groups. Elements of homotopy. Outline of modern developments.

**450. Functional Analysis.**

Metric spaces and metric topology. Compactness and completeness. Isometrics and contractions. Linear spaces, convexity, linear operators. Normed linear spaces, functionals and extensions. Reflexibility, weak convergence and weak topologies. Strictly and uniformly convex spaces. Hilbert space. Operators: spectrum, resolvent. Completely continuous operators. Topics in non-linear functional analysis.

The following classes are designed primarily for graduate students. Advanced undergraduates may be admitted with the consent of the instructor.

**503. Advanced Modern Algebra.****506. Statistics and Probability.****514. Banach Spaces.****518. General Topology.**

Topological spaces: Relativization, Bases, compactness, connectedness. Moore-Smith Convergence: Nets, subnets, and convergence classes. Product and quotient spaces. Embedding and metrization. Compactifications. Uniform spaces and completion problems. Function spaces.

## APPLIED MATHEMATICS

The Division of Applied Mathematics was organized to provide instruction and carry out research in those areas of mathematics of particular interest to the sciences and engineering. The Division also operates the Dalhousie Computing Centre. In the Centre are an I.B.M. 1620 computer and peripheral equipment, around which graduate work and research in numerical analysis are centred. Qualified students may take Honour and Graduate studies in Applied Mathematics.

Professor	-	-	-	-	-	-	-	-	-	A. D. MacDonald (Head of Division)
Associate Professor	-	-	-	-	-	-	-	-	-	
Assistant Professor	-	-	-	-	-	-	-	-	-	J. R. Baines

**320. Applied Mathematics.**

Prerequisite: Mathematics 300 or its equivalent, which may be taken at the same time. Vectors, tensors, matrices, and determinants. Contour integration and calculus of residues. Operational calculus and transform theory. Introduction to orthogonal function theory, including Fourier series.

**328. Applied Mathematics for Engineers.**

Lect.: 3 hrs.

Vector algebra, including differential operators. Differential equations, infinite series, multiple integrals and line integrals. Introduction to complex variables, numerical approximations. This course is designed for engineering students taking a degree and may be taken by students obtaining a mark of 60% in Mathematics 2, or with the consent of the instructor. *Texts*: Sokolnikoff and Redheffer, *Mathematics of Physics and Modern Engineering*.

**420. Numerical Analysis.**

Lect.: 2 hrs.

Among the topics to be discussed will be interpolation, finite differences, numerical solution of differential equations, error detection and correction, asymptotic expansions, and programming, logic, and operations of digital computers. Students will do computing with desk calculators, and some time will be available for operation of the automatic digital computer. *Text*: Hildebrand, *Introduction to Numerical Analysis*.

**421. Eigenvalue and Boundary Value Problems.**

Eigenvalue problems in the theory of matrices and of difference, differential and integral equations. In particular, the sets of orthogonal functions generated by Sturm-Liouville problems will be treated together with their application to the solution of the partial differential equations of physics.

**422. Principles and Techniques of Applied Mathematics. (1966-67).**

**424. Hydrodynamics, Incompressible Fluid Flow and Viscous Fluid Flow, including Aerodynamics.** (This class will be given only if a sufficient number of qualified students shall apply.)

**523. Partial Differential Equations.** (Designed primarily for graduate students. Undergraduates may be admitted with the consent of the instructor).

Analytical and numerical techniques for solution of elliptic, hyperbolic, and parabolic partial differential equations, including classification of partial differential equations, boundary conditions, analytical techniques, numerical techniques with special reference to problems involved in solution by means of electronic computer.

### MUSIC

Assistant Professor - - - - - D. F. Wilson

#### 1. History and Appreciation of Music.

Lect.: 3 hrs.

Intended primarily for students who have not studied music. The class provides an outline of the whole history of music and a more detailed study of the principal composers and their works from Palestrina to Brahms. *Text:* Grout, *A History of Western Music*.

#### 2. Music in the Twentieth Century.

Lect.: 2 hrs.

Music 1. Traces the development of music from the late nineteenth century to the present, with a study of the leading composers of the twentieth century. *Texts:* Machlis, *Introduction to Contemporary Music*; Grout, *A History of Western Music*.

### PHILOSOPHY

Professors - - - - F. H. Page (Head of Dept.), D. Braybrooke  
Associate Professors - - - R. H. Vingoe, I. A. MacLennan  
Lecturer - - - - - B. J. Aston  
Special Lecturers - - - - J. A. Doull, R. D. Crouse

#### 1. An Introduction to Philosophy

I. A. MacLennan and B. J. Aston

Lect.: 3 hrs (2 sections).

Students are urged to take this class as early as possible in their course, preferably in the first year. *Texts:* Plato, *Republic* (ed. Cornford); Russell, *The Problems of Philosophy*.

#### 2. Logic.

D. Braybrooke

Lect.: 3 hrs.

The chief methods of reasoning used to establish conclusions and develop explanations in science, scholarship, law, and everyday life will be studied, partly

from an informal point of view, but mainly with a view to detecting and mastering the formal properties of these methods. There will be a considerable amount of practice in logical analysis and the processes of symbolic logic. *Texts:* Salmon, *Logic*; Suppes, *An Introduction to Logic*; Bird, *Syllogistic and its Extensions*; Blanché, *Axiomatics*; Tippett, *Statistics*.

### Intermediate Classes

#### 20. Philosophy of Religion I. (1966-67).

F. H. Page

Lect.: 2 hrs.

Prerequisite: Philosophy 1. An introduction to the philosophy of religion. *Texts:* Paton, *The Modern Predicament*; Hutchison, *Faith, Reason and Existence*; Alston, *Religious Belief and Philosophical Thought*; Flew and MacIntyre (eds.), *New Essays in Philosophical Theology*; Macquarrie, *Twentieth Century Religious Thought*; Collins, *God in Modern Philosophy*.

#### 21. The History of Christian Theological Thought. (1966-67).

#### 22. Philosophy of Religion II. (1965-66)

F. H. Page

Lect.: 2 hrs.

Prerequisite: Philosophy 1 or Psychology 1. An introduction to the contemporary psychology of religion. *Texts:* Clark, *The Psychology of Religion*; Allport, *The Individual and his Religion*; Argyle, *Religious Behaviour*; Freud, *The Future of an Illusion*; James, *The Varieties of Religious Experience*; Thouless, *An Introduction to the Psychology of Religion*; Philp, *Freud and Religious Belief*.

#### 3. Ethics. (1965-66).

I. A. MacLennan

Lect.: 2 hrs.

Prerequisite 1: Philosophy 1. *Texts:* Aristotle, *Nicomachean Ethics*; Kant, *Moral Law*; Mill, *Utilitarianism*; Moore, *Principia Ethica*; Hare, *The Language of Morals*; Ross, *The Right and the Good*; Warnock, *Ethics since 1900*.

#### 4. Philosophy and Science. (1965-66).

R. H. Vingoe

Lect.: 2 hrs.

Prerequisite: Philosophy 1 or first-year Science complete. Others may be admitted with the consent of the instructor. An examination primarily of the nature of the scientific method and secondarily of the influence of various interpretations of scientific method upon the philosophy of religion. *Texts:* Madden, *The Structure of Scientific Thought*; Burt, *Types of Religious Philosophy*.

#### 5. Greek Philosophy from Thales to Aristotle. (1965-66).

R. H. Vingoe

Lect.: 2 hrs.

Prerequisite: Philosophy 1. A seminar class in which students will read and discuss a selection of texts from the early Greek philosophers and from Plato and Aristotle. *Texts:* Kirk and Raven, *The Presocratic Philosophers*; Kaufmann, *Philosophic Classics*, Vol. I.

**7. British Empiricism.** (1966-67).

R. H. Vingoe

Lect. 2 hrs.

Prerequisite: Philosophy 1. A seminar class in which students will read and discuss a selection of texts from the English philosophers Francis Bacon, Hobbes, Locke, Berkeley, Hume, and J. S. Mill. *Text:* Burt, *The English Philosophers*.

**8. Continental Rationalism.** (1965-66).

R. H. Vingoe

Lect.: 2 hrs.

Prerequisite: Philosophy 1. A seminar class in which students will read and discuss a selection of texts from the European philosophers Descartes, Spinoza, Leibniz, and Kant. *Text:* Smith and Grene, *From Descartes to Kant*.

**9. Philosophy from Kant to Dewey.** (1966-67).**10. Contemporary Continental Philosophy.** (1965-66).

I. A. MacLennan

Lect.: 2 hrs.

Prerequisite: Philosophy 1. This class will begin with the study of works by Kierkegaard and Nietzsche. The development of existentialist philosophy will then be traced to the present day and contrasted with other philosophical traditions. Particular reference will be made to works of Heidegger, Jaspers, Sartre, Marcel, and Buber. *Texts:* Reinhardt, *The Existential Revolt*; Jaspers, *Reason and Existenz*; Sartre, *Existentialism and Humanism*; *The Transcendence of the Ego*; Marcel, *The Philosophy of Existentialism*; Buber, *Eclipse of God*; Urmson, *Philosophical Analysis*.

**Advanced Classes****11. The Philosophy of Plato.** (1966-67).

R. H. Vingoe

A seminar class devoted to an intensive study of the *Parmenides*, *Theaetetus*, *Sophist*, *Statesman*, *Timaeus* and *Philebus*. *Text:* Hamilton and Cairns, *The Complete Dialogues*.

**12. The Philosophy of Aristotle.** (1965-66).

R. H. Vingoe

A seminar devoted to an intensive study of Aristotle's physics and psychology. *Text:* McKeon, *The Basic Works of Aristotle*.

**13. The Philosophy of Kant.** (1966-67).

I. A. MacLennan

Lect.: 2 hrs.

*Text:* Kant, *Critique of Pure Reason* (tr. Norman Kemp Smith).

**14. Modern Symbolic Logic.** (1966-67).

I. A. MacLennan or D. Braybrooke

**15. Problems of the Self.** (1965-66)

F. H. Page

Lect.: 3 hrs.

An investigation, historical and systematic, of the theories of mind and person. *Texts:* Broad, *The Mind and its Place in Nature*; Ellis, *The Idea of the Soul in*

*Western Philosophy and Science*; Russell, *The Analysis of Mind*; Laslett (ed.), *The Physical Basis of Mind*; Mounier, *Personalism*; Campbell, *Selfhood and Godhood*, Part I; Ryle, *The Concept of Mind*; Strawson, *Individuals*; Wisdom, *Problems of Mind and Matter*; Chappell (ed.), *The Philosophy of Mind*; Scher (ed.), *Theories of the Mind*.

**16. Select Topics from the History of Modern Philosophy.** (1966-67).

D. Braybrooke

With the choice depending partly on the needs and desires of the students electing the class, three of the following topics will be studied, first as treated by standard modern authors such as Descartes, Spinoza, Leibniz, Locke, Hume, and Kant, and then as treated by present-day writers: *a priori* knowledge; subjectivity of perception; determinism; induction; cosmological antinomies; the philosophy of language.

**17. Philosophy, Politics, and Economics.** (1965-66).

D. Braybrooke

Seminar: 2 hrs.

Various topics on which the subjects of philosophy, political science, and economics converge will be investigated, among them: standards for evaluating governments such as natural rights, welfare, majority rule, and efficiency; the concept of rational action; the relationship between action explanations and behaviour explanations in social science; and the uses of social science in making decisions and choosing policies. Reading in such authors as Aristotle, Butler; Hicks, Little, Boulding; Marx, Weber; Herring, Downs, Arrow, Schelling; Popper, Dahl and Lindblom, and Simon.

**18. Epistemology.** (1965-66).

B. J. Aston

Two lectures and a seminar each week. An investigation of the main problems encountered in analysing human knowledge, and an examination of traditional and contemporary approaches to these problems. *Texts:* Hume, *A Treatise of Human Nature*, Book I; Lewis, *Mind and the World Order*; Strawson, *Individuals*.

**19. Twentieth Century British Philosophy.** (1965-66).

B. J. Aston

Two lectures and a seminar each week. A survey of the development of British philosophy from Bradley's idealism to contemporary conceptual analysis. *Texts:* Warnock, *English Philosophy since 1900*; Urmson, *Philosophical Analysis*.

**24. Ancient Philosophy from Aristotle to Augustine.** (1966-67).

R. D. Crouse

Lect.: 2 hrs.

Prerequisite: Philosophy 1.

**25. Mediaeval Philosophy.** (1965-66).

R. D. Crouse

Lect.: 2 hrs.

Prerequisite: Philosophy 1.



## PHYSICS

<i>Professors</i> - - - -	E. W. Guptill (Head of Dept.), W. J. Archibald I. K. MacKenzie, J. E. Blanchard
<i>Associate Professor</i> - - - -	C. K. Hoyt
<i>Associate Professors</i> (Oceanography) - - - -	M. J. Keen, C. R. Mann
<i>Assistant Professors</i> -	M. G. Calkin, M. H. Jericho, G. F. O. Langstroth W. C. Lin, R. H. March, G. Stabilini
<i>Teaching Assistant</i> - - - -	W. R. L. Clements
<i>MacGregor Teaching Fellow</i> - - - -	P. Gracii

## DIVISION OF ENGINEERING PHYSICS

<i>Research Associate</i> - - - -	A. Levin
<i>Assistant Professor</i> - - - -	B. D. Loncarevic

All students intending to take Honours in Physics or Engineering Physics should consult the Head of the Department before registering.

**10. General Physics.** I. K. MacKenzie

Lect.: 3 hrs; lab.: 3 hrs.

This is a general class in Physics designed primarily for students in Arts, Pre-medicine, Pre-dentistry, and Pharmacy. *Text*: Saunders and Kirkpatrick, *College Physics*.

**11. Mechanics, Electricity, and Magnetism.** E. W. Guptill

Lect.: 3 hrs (2 sections); lab.: 3 hrs.

This is a beginning class. Students who intend to take additional classes in Physics should register for Physics 11. *Text*: Shortley and Williams, *Elements of Physics*.

**22. Sound, Heat, and Light.** C. K. Hoyt

Lect.: 3 hrs; lab.: 3 hrs.

Prerequisite: Physics 11 (or Physics 10 and permission of instructor) and Mathematics 1. *Texts*: Shortley and Williams, *Elements of Physics*.

**26. Electricity and Magnetism.** M. G. Calkin

Lect.: 3 hrs; lab.: 3 hrs.

Prerequisite: Physics 11 or Physics 10 and permission of instructor. The class begins with a treatment of the response of simple linear circuits to stored energy and to sinusoidal inputs. Non-linear elements are then introduced and illustrated by both vacuum-tube and solid-state devices. Linear behaviour of these devices is then carried to the point of treating simple amplifier circuits, including the cathode follower. Magnetic fields and circuits are treated in relation to the behaviour of simple transformers, motors, and generators. *Text*: Hammond, *Electrical Engineering*.

**30. Intermediate Physics Laboratory.** W. R. L. Clements

Six hours per week. Prerequisite: Physics 26 and two additional classes in Physics (which may, however, be taken at the same time). Students' attention is drawn to the fact that Physics 30 and 40 are laboratory classes which must be taken in conjunction-with advanced undergraduate classes in Physics. The two classes together count as one credit.

**33. Earth Physics.** J. E. Blanchard, M. J. Keen

Lect.: 3 hrs.

Prerequisites: Physics 11 and Mathematics 2. A class designed to consider questions concerning the constitution of the earth. Some topics considered are the earth's gravitational field, the earth's magnetic field and magnetic properties of rocks, seismology, radioactive age determinations, the thermal history of the earth.

**36. Electromagnetic Theory.** W. J. Archibald

Lect.: 3 hrs.

Prerequisite: Physics 26. Maxwell's equations are derived from the experimental laws of electricity and magnetism. Boundary-value problems in static and time-dependent fields are solved. Physical optics are developed from electromagnetic theory. *Text*: Reitz and Milford, *Foundations of Electromagnetic Theory*.

**38. Engineering Physics.** A. Levin

Prerequisite: Physics 26. Non-linear systems, systems employing feedback. Electromechanical analogues. Servo systems, stability and control criteria. Analogue computation. Transmission lines and wave filters. Radiation and propagation. Noise and information. Electrical machinery. Solid-state devices computations and applications. *Texts*: Hammond, *Electrical Engineering*. Everitt, *Communication Engineering*.

**39. Intermediate Mechanics.** G. F. O. Langstroth

Lect.: 2 hrs.

Prerequisites: Mathematics 2 and one other Mathematics class. *Texts*: Becker, *Introduction to Theoretical Mechanics*; Lindsay, *Physical Mechanics*; Symon, *Mechanics*; Sygne and Griffith, *Principles of Mechanics*.

**40. Advanced Physics Laboratory.** A. Levin

Six hours a week. Prerequisite: Physics 30.

**43. Geophysics.** J. E. Blanchard

Lect.: 2 hrs.

Prerequisite: Physics 26. Boundary-value problems in potential theory, quasi-static and time-dependent electromagnetic fields, static and dynamic elastic energy field, and heat flow.

**47. Thermodynamics and Statistical Mechanics.** W. C. Lin

Lect.: 2 hrs.

Prerequisite: Physics 26. A study of the first and second laws of thermodynamics with applications of each; elementary kinetic theory of gases; Maxwell-Boltzman

statistics; thermodynamic probability; thermodynamic functions in terms of partition function; general discussion of Bose-Einstein and Fermi-Dirac statistics.

**48. Electronics**

G. F. O. Langstroth

Lect.: 3 hrs.

Prerequisite: Physics 26. This class is intended to provide the background necessary for an understanding of the electronic apparatus employed in Physics and Engineering Physics. Topics include the theory and properties of thermionic and semiconductor devices. The methods of circuit analysis are illustrated by application to a variety of circuits of practical importance.

**49. Wave Propagation.**

J. E. Blanchard

Prerequisite: Physics 26. This is a class designed for students in Engineering Physics. It includes a study of electromagnetic and acoustic waves. Special emphasis is given to the propagation of electromagnetic energy in wave guides and other boundary value problems in cylindrical co-ordinates.

**51. Solid State Physics.**

M. H. Jericho

Lect.: 3 hrs.

The class is organized in six parts; lattice statics; lattice dynamics; free electron theory of metals; band theory of solids; semiconductors; and special topics. The last part of the class consists of a lecture or two on each of a sequence of topics such as imperfections, diffusion, superconductivity, etc.

**52. Introduction to Mathematical Physics.**

C. K. Hoyt

Lect.: 2 hrs.

Prerequisite: Physics 36. Topics will include advanced classical dynamics of both discrete and continuous systems, relativity, elasticity, and heat flow. Mathematical techniques used will include operator formalism, matrices, tensors, calculus of variations. Dynamics will be formulated so as to stress the similarities to quantum mechanics. *Text: Goldstein, Classical Mechanics.*

**53. Exploration Geophysics.**

J. E. Blanchard

Lect.: 2 hrs.

Three hours laboratory per week. This class is designed for those registered in Engineering Physics who intend to specialize in Geophysics.

**54. Quantum Physics.**

W. C. Lin

Lect.: 2 hrs.

Methods of non-relativistic quantum mechanics are developed and applied to a variety of problems in atomic, molecular, solid-state, and nuclear physics. *Text: Leighton, Principles of Modern Physics.*

**55. Nuclear Physics.**

G. Stabilini

Lect.: 3 hrs.

The systematics of nuclear ground states are outlined and their relationship to an empirical mass formula demonstrated. Nuclear reactions at low energies are studied, and the method of partial wave analysis developed. The observations

for nuclear decay schemes and reactions are related to current nuclear models. *Text: Preston, Physics of the Nucleus.*

**56. Advanced Electromagnetic Theory.**

M. G. Calkin

Lect.: 3 hrs.

Prerequisite: Physics 52. Topics included are electrostatics, magnetostatics, Maxwell's equations, plane electromagnetic waves in free space and in a plasma, radiation from accelerated charges, special relativity. *Text: Jackson, Classical Electrodynamics.*

**57. Fluid Mechanics.**

C. R. Mann

One hour per week; additional lectures after Christmas.

An introduction to the basic theory of flow with emphasis on incompressible flow, stream functions, kinematics of flow, dynamics of flow, Navier-Stokes equations, vortex theory, laminar motion, turbulent motion, boundary layers.

**58. Quantum Theory.**

W. J. Archibald

Lect.: 2 hrs.

Prerequisite: Physics 52. *Text: Merzbacher, Quantum Mechanics.*

**59. Statistical Mechanics.**

W. J. Archibald

Lect.: 2 hrs.

Prerequisites: Physics 47 and 52.

**61. Astrophysics.**

C. K. Hoyt

Lect.: 3 hrs.

The lectures will explore the relationship of physics to astronomy. Topics will include problems of stellar evolution, mechanisms of energy conversion, the physical environment of outer space, the origin of cosmic rays, and the physical methods available for astrophysical studies.

**62. Topics in Low-Temperature Physics.**

M. G. Calkin, M. H. Jericho

Lect.: 2 hrs.

Properties of liquid Helium-four; Bose-Einstein condensation, Landau and Feynman theory, first and second sound, hydrodynamics of a quantum fluid. Helium-three and the theory of a Fermi liquid. Superconductivity; two-fluid theories, the Landau-Ginzburg theory, the BCS theory; ultrasonic attenuation, electron tunnelling and far-infrared absorption; high-field and type II Superconductors.

**64. Quantum Electronics.**

G. F. O. Langstroth

This class is intended to provide the student with an introduction to selected topics in quantum electronics at the graduate level. A typical selection might include molecular physics, nuclear magnetic resonance, electron paramagnetic resonance, masers, lasers, the Mossbauer effect, and the tunnel effect. Recent developments will be emphasized, and reference will be made to original papers in the journals where feasible.

**68. Advanced Quantum Theory.**

M. G. Calkin

Prerequisite: Physics 18. This class is intended for those interested in theoretical physics. At present the emphasis is on non-relativistic quantum-field theory and the many body problem. Topics included are quantum theory of a system of force particles, interaction of the particles with one another and with an external field scattering theory, phonons, electron-phonon interactions.

**Seminar and Journal Club.**

Lectures on recent developments in Physics; presentation of papers by senior students; reviews of current journals. All honour and graduate student are required to attend.

**POLITICAL SCIENCE**

*Professors* - - - - - J. H. Aitchison (Head of Dept.),  
J. M. Beck, D. Braybrooke  
*Associate Professor* - - - - - K. A. Heard

Students specializing or taking Honours in Political Science are advised to concentrate in their undergraduate course in one of three principal areas of the subject: political philosophy; the internal structure and functioning of the state; or international politics. Political Science 1 is a basic class for all but it is not a prerequisite for classes in political philosophy and international politics, or for Political Science 10. In addition, those specializing in political philosophy should take as a minimum three of classes 4, 5, 11 and 16; those specializing in the internal structure and functioning of the state at least three of classes 2, 3, 7, 10, 12, 13, 14 and 15; and those specializing in international politics three of classes 8, 9, 10 and 13. To avoid undue specialization students should also take one or more classes outside the field of their specialty.

1. **Democratic Government and Politics.** (1965-66). J. M. Beck  
Lect.: 3 hrs.
2. **Great Britain and Commonwealth Countries.** (1965-66). K. A. Heard  
Lect.: 3 hrs.
3. **Theory and Practice of Government in the United States.** (1965-66).  
D. Braybrooke  
Lect.: 2 or 3 hrs.
4. **Political Philosophy from the Greeks to the end of the Middle Ages.** (1966-67).  
J. H. Aitchison  
Lect.: 2 or 3 hrs.
5. **Political Philosophy of the Sixteenth, Seventeenth, and Eighteenth Centuries.** (1965-66).  
J. H. Aitchison  
Lect.: 2 or 3 hrs.

6. **The State and Economic Life.** (1966-67). J. H. Aitchison  
A seminar class.
7. **The Constitution and Government of Canada.** (1965-66). J. M. Beck  
A seminar class (2 hrs).
8. **The Theory of International Politics.** (1965-66). J. H. Aitchison  
Lect.: 2 or 3 hrs.
9. **The Content of the Current International Milieu.** (1966-67).  
Lect.: 2 or 3 hrs. J. H. Aitchison
10. **Government and Politics in Africa.** (1965-66). K. A. Heard  
Lect.: 2 hrs.
11. **Political Philosophy of the Nineteenth and Twentieth Centuries.** (1966-67).  
Lect.: 2 hrs. J. M. Beck
12. **Public Administration.** (1966-67).  
Lect.: 2 hrs.
13. **Comparative Government: A Study of Government in Europe and Asia.** (1966-67).  
K. A. Heard
14. **Political Parties.** (1965-66). J. M. Beck  
Lect.: 2 or 3 hrs.
15. **Public Opinion, Group Processes, and Policy Formation.** (1966-67).  
D. Braybrooke
16. **Leading Concepts in Political Philosophy.** (1965-66). K. A. Heard  
A seminar class (2 hrs).
17. **Philosophy, Politics, and Economics.** (1964-65). D. Braybrooke  
A seminar class (2 hrs). (See Philosophy 17).

## PSYCHOLOGY

<i>Professors</i> - - - -	P. H. R. James (Head of Dept.), H. D. Beach
<i>Associate Professor</i> - - - -	- - - - - W. K. Honig
<i>Assistant Professors</i> - - - -	J. W. Clark, J. A. McNulty, B. Clark, C. J. Brimer, W. L. King, P. G. Swingle
<i>Part-time Associates</i> - - - -	D. N. W. Doig, E. G. Nichols
<i>Research Associate</i> - - - -	- - - - - R. Kanungo

The programme in Experimental Psychology is designed to provide both B.A. and B.Sc. students with a sound knowledge of the scientific aspects of the subject. For this purpose, the Department maintains a well-equipped undergraduate laboratory, with facilities for experimental work with animals, children, and adults. The more advanced classes in the programme will, in general, be conducted as seminars, and the prerequisites have been assigned in such a way as to ensure that the student will be able to obtain the maximum advantage from the material presented. It is realized, however, that such rules cannot fit every case, and the Department will be glad to make exceptions for those students who have shown unusual ability in other disciplines. In general, students who intend either to take Honours or to specialize in Psychology should plan to take Psychology 1 in their first year, Psychology 2 and 3 in their second year and at least two of Psychology 4, 5 and 6 in their third year. Honour students should take Psychology 7 and at least one of Psychology 8, 9 or 10 in their third year. Psychology 15 is taken in the final year of Honours, but students are well advised to consult Dr. McNulty on the subject of their thesis during their third year. A number of junior research assistantships will be available, during both the academic term and the summer vacation, to students who are taking an honour degree in Psychology. Details of these assistantships, and of the stipends attached to them, may be obtained from Dr. J. A. McNulty.

**1. Introduction to Psychology.**

Lect.: 3 hrs.

An introduction to Psychology as a science.

**2. Experimental Analysis of Behaviour.**

Lect.: 2 hrs; lab.: 2 hrs.

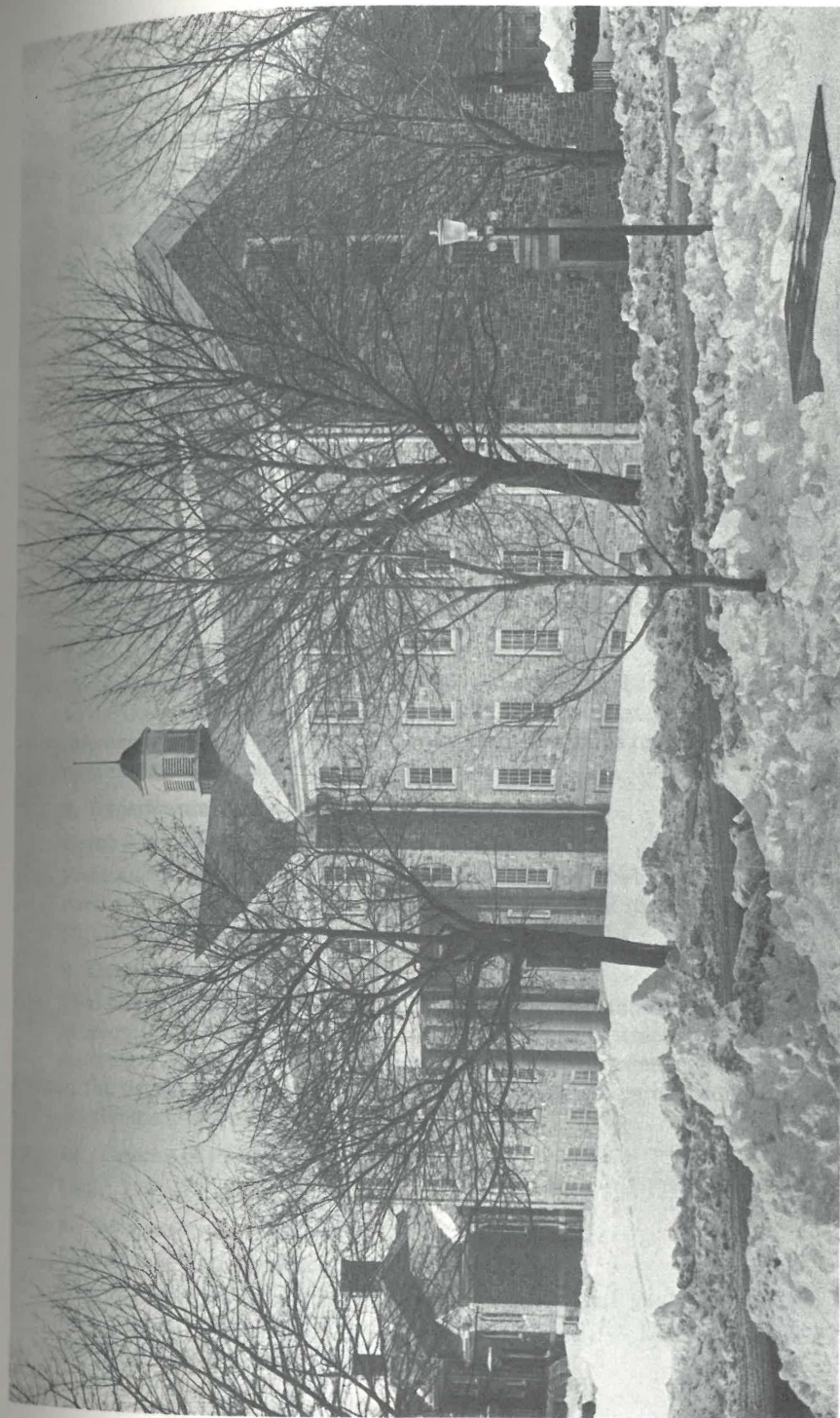
Prerequisite Psychology 1 or Biology 1.

A laboratory class in which students will be taught the use of the experimental method in Psychology and will be given supervised instruction in animal and human experiments.

**3. Advanced General Psychology.**

Lect.: 3 hrs.

Prerequisite: Psychology 1 or Biology 1. Fundamental problems in the study of behaviour. This class provides the student with an understanding of the general nature of these problems, and with a detailed account of the present state of knowledge concerning certain limited aspects of them.



Alexandra Hall in a Winter Setting

**4. Fundamentals of Learning.**

Lect.: 2 hrs; lab.: 3 hrs.

Prerequisites: Psychology 2 and 3. Current experimental and theoretical problems in learning, with special emphasis on classical and instrumental conditioning, generalization and discrimination, extinction and the analysis of primary and secondary reinforcement.

**5. Psychology of Perception.**

Lect.: 2 hrs; lab.: 3 hrs.

Prerequisites: Psychology 2 and 3. A study of the variables which determine what is seen and heard. The course stresses the methods which reveal these variables, measure their effects, and show how they interact. Among the variables considered are sensory input, attention, and past experience.

**6. Psychology of Motivation.**

Lect.: 2 hrs; lab.: 2 hrs.

Prerequisites: Psychology 2 and 3. A study of the factors controlling the arousal and direction of behaviour and of the mechanisms of primary and secondary drives.

**7. Statistical Methods in Psychology.**

Lect.: 2 hrs; lab.: 2 hrs.

Prerequisite: Psychology 2 and 3. The logic of statistical analysis with reference to the design and evaluation of experiments in psychology. Both descriptive and inferential statistics will be covered with special emphasis on parametric and non-parametric tests of significance.

**8. Experimental Social Psychology.**

Lect.: 2 hrs; lab.: 3 hrs.

Prerequisite: At least three classes in psychology, one of which may be taken concurrently. A study of human behaviour in a variety of social, cultural, and experimental situations.

**9. Developmental Psychology.**

Two hours lectures, laboratories to be arranged in the laboratory nursery school. Prerequisite: At least three classes in psychology, one of which may be taken concurrently. A study of the acquisition, extension, and maintenance of behaviour in the developing human organism. The class will compare various theories of development and evaluate research.

**10. Theories of Personality.**

Lect.: 3 hrs.

**11. Measurement of Behaviour.**

Lecture and laboratory hours by arrangement.

Prerequisite: Psychology 7. Primarily for honour and graduate students, although others may be admitted with the consent of the instructor. Logic and technique of psychological measurements.

**13. Verbal Learning and Verbal Behaviour.**

Prerequisite: Psychology 4 or the equivalent. Primarily for Honour and Graduate students, although others may be admitted with the consent of the instructor.

**14. Physiological Psychology.**

Lect.: 2 hrs; lab.: 3 hrs.

**15. Advanced Experimental Psychology (Thesis and Tutorial)** The Department Restricted to honour students. The student is assigned to a member of the staff of the Department with whom he discusses current experimental problems and under whose direction he designs and performs an original experimental investigation.

**ROMANCE LANGUAGES**

*Professor* - - - - - P. Chavy (Head of Dept.)  
*Assistant Professors* - - - H. F. Aikens, Lucienne Beschet, E. Boyd,  
 Suzanne J. Chavy, P. H. Collin, J. P. Coursodon, E. Duval,  
 Maria Teresa Garcia-Lopez, G. Kohanyi, C. Simon

**FRENCH**

A Language Practice Laboratory is at the disposal of students, enabling them to make up their deficiencies in spoken French. Special laboratory work will be required in certain classes.

**Basic Classes**

No more than two classes may be taken at the basic level. *First-year students* have the following options: French 1, 10. *Second-year students* have the following options: French 2, 3, 10, (plus intermediate classes, for those who have taken French 10 in their first year). *French 1 and 2* are recommended for those studying French for general cultural purposes. *French 3* is recommended for science students, as a substitute for French 2. *French 10* is designed for students particularly interested in French studies.

**1. A General Review of Basic French.**

E. Boyd and others.

Lect.: 3 hrs (10 sections).

Prerequisite: Junior Matriculation French. The objectives of this class are (1) familiarity with the basic forms of the written language (grammar and vocabulary), leading to skill in reading and self-expression (written exercises); (2) a knowledge of the fundamentals of French pronunciation (ability to write from dictation and to pronounce with reasonable accuracy material studied in class). Students take oral examinations requiring preparation in the Language Laboratory.

**1A.** French 1 with two additional hours. This class is designed to meet the needs of students who, at the beginning of the session, are insufficiently prepared to take French 1. The final examination is that of French 1.

**2. Introduction to Literary and Conversational French.**

Lect.: 3 hrs (10 sections).

Suzanne J. Chavy and others

Prerequisite: French 1 or Senior Matriculation French. The objectives of this class are similar to those of French 1, but at a higher level. Attention is placed on the literary qualities of the reading selections studied. Students take oral examinations requiring preparation in the Language Laboratory.

**2A.** French 2 with two additional hours. This class is designed to meet the needs of students who are insufficiently prepared to take French 2. The final examination is that of French 2.

**3. Scientific French.**

G. Kohanyi

Lect.: 3 hrs (3 sections).

Prerequisite: French 1. This class is designed mainly for science students. It aims at enabling them: (1) to understand and translate French scientific publications; (2) to write in French simple factual reports; (3) to read aloud intelligibly scientific papers written in French.

**10. Oral French.**

H. F. Aikens

Prerequisite: Matriculation French (Junior or Senior). Concentrated study of the basic structures of French, both spoken and written, with the aim of achieving an active command of the language. Most suitable for students who are looking forward to taking senior classes later on, but who have had little or no previous training in oral French. Frequent spoken-written tests. Three hours a week in class, and from five to ten hours a week in the Language Laboratory. (Laboratory hours can be arranged to suit the individual student's time-table.) Students interested are asked to fill in and return the special form supplied by the Registrar.

**Intermediate Classes**

*These classes are conducted in French.* No more than two classes may be taken at the intermediate level. French 30 is more especially intended for former students of French 10. Prerequisite: French 2, 3, or 10.

**30. Further Oral French.**

H. F. Aikens

Continuation and completion of work begun in French 10. Systematic building of vocabulary through study of French civilization; frequent spoken-written tests; guided exercises in self-expression. Three hours a week in class, and from four to eight hours a week in the Language Laboratory.

**31. History of French Civilization.**

C. Simon

Lect.: 2 hrs.

A study of the great periods in the history of France, stressing the relations between historical events and living conditions, and between intellectual and artistic achievements.

**32. Today's France.**

C. Simon and others.

Lect.: 2 hrs (3 sections).

Readings and discussions dealing with problems that confront contemporary France.

**33. From Book to Stage.**

P. Chavy

Lect.: 2 hrs.

Selected scenes from French plays of all ages are first studied, then staged and performed by students.

**34. General Survey of French Literature.**

E. Duval

Lect.: 2 hrs.

This class aims at introducing students to the greatest writers and the most significant masterpieces of French literature, from the Middle Ages to our time.

**35. Practice in Oral and Written French.**

Dictations, compositions, conversations. Of special interest to students wishing to obtain, besides a Dalhousie credit, the "Certificat Pratique de Langue Française" granted by the Sorbonne. These are advised to take French 32 as well. Three hours a week for candidates for the "Certificat"; two hours a week for others.

**Senior Classes**

*These classes are conducted in French.* Prerequisite: any intermediate class.

**40. Old French.**

P. Chavy

Lect.: 2 hrs.

Historical grammar and mediaeval French literature will be studied through a comprehensive anthology of old texts.

**41. The Renaissance in France and the Formation of French Classicism. (1966-67).**

Lect.: 2 hrs.

A study of French literature from Rabelais to Corneille.

**44. Nineteenth-Century French Literature. (1965-66).**

Lect.: 2 hrs.

A study of the great authors in the Romantic and Realistic periods.

**45. Contemporary French Literature.**

J. P. Coursodon

Lect.: 2 hrs.

A study of the most representative writers from 1880 to our time.

**46. General Survey of French-Canadian Literature.**

E. Duval

Lect.: 2 hrs.

This class aims at introducing students to French-Canadian literature in all its aspects from the period of French rule to the present day.

**47. The Original Masters of Modern Poetry.**

J. P. Coursodon

Lect.: 2 hrs.

The origins of modern poetry in France, through a study of the most significant poems from Baudelaire to the Surrealists.

**50. Stylistics.**

Lect.: 2 hrs.

An attempt at analysis of the means by which users of the French language convey various shades of meaning and produce particular effects. Frequent exercises towards accuracy and elegance in self-expression.

P. Chavy

**51. Phonetics.**

Lect.: 2 hrs.

Systematic analysis of the sounds of language, with particular reference to French and English. Special problems, such as the correction of faults in pronunciation or the teaching of French pronunciation in school, may be treated according to students' needs and interests. Frequent exercises; term paper required.

H. F. Aikens

**52. Translation.**

Lect.: 2 hrs.

Seminar on the techniques of translation from French to English and from English to French. Frequent exercises; term paper required.

H. F. Aikens

**SPANISH**

*Assistant Professor* - - - - - Maria Teresa Garcia-Lopez

In every class in Spanish there will be an oral examination at the end of each term. Spanish A, 1, 2, and 3 are offered each year; only *one* of Spanish 4, 5, and 6 is given each year.

**A. An Introduction to Spanish.**

M. T. Garcia-Lopez

Lect.: 6 hrs (2 sections).

This is an introductory class designed for students who are beginning the study of Spanish. It can be counted as a credit towards a degree or diploma only if it is followed by a second class in Spanish. *Texts: A Compact Spanish Grammar* (The Thrift Press); Agostini-Rios, *Lengua viva y gramatica*.

**1. Elementary Spanish.**

M. T. Garcia-Lopez

Lect.: 3 hrs.

Prerequisite: Spanish A or a matriculation credit in Spanish. A review of Spanish grammar will be given during the year. Spanish conversation and translation from English to Spanish based upon Hispanic subjects will be stressed. *Texts: A Compact Spanish Grammar* (The Thrift Press); Agostini-Rios, *Lengua viva y gramatica*; Rodriguez-Castellano, *Introduccion a la Historia de España* (this must be a new copy).

**2. Spanish Literature of the Nineteenth and Twentieth Centuries.**

Lect.: 3 hrs.

M. T. Garcia-Lopez

A review of Spanish grammar and history will be given during the year with special emphasis on the nineteenth century and the first quarter of the twentieth century. Every student will present a paper after reading an author. *Texts: A*

*Compact Spanish Grammar* (The Thrift Press); Agostini-Rios, *Lengua viva y gramatica*; Rodriguez-Castellano, *Introduccion a la Historia de España*; Da Cal, *Literatura del siglo XX* (this must be a new copy).

### 3. Cervantes and His Time.

M. T. Garcia-Lopez

Lect.: 2 hrs.

Prerequisite: Spanish 2 or Spanish as mother tongue. A review of Spanish grammar and history will be given during the year with special emphasis on the fifteenth, sixteenth, and seventeenth centuries. Every student will present a paper on a chapter of *Don Quijote* at each class. About 20 chapters will be read in the first term; about 30 in the second term. There will be recommended reading. *Texts*: Cervantes, *Don Quijote* (any modern Spanish Edition). Students must also have the text books prescribed for Spanish A, 1, and 2. Reference books: Ballesteros, *Sintesis de la Historia de España*; Valbuena, *Historia de la Literatura Española*.

### 4. The Golden Age of Spanish Literature.

M. T. Garcia-Lopez

Lect.: 2 hrs.

Prerequisite: Spanish 2 and 3. First term: The Humanists—*The Complutense Poligraph Bible*; The Poets—Cetina, Garcilaso, F. Luis de Leon, Gongora; The picaresque novel—*El Lazarillo*, Quevedo and his *Buscon*. Second term: Spanish Drama—Miracle plays, Juan del Encina, Lope de Vega and his theatre, Tirso de Molina, and Don Juan's *Leyend*, Calderon and his *Autos*. Eighteenth century—Moratin and his classicism, Don Ramon de la Cruz and his *Sainetes*. Twentieth century—Benavente. *Texts*: Pattison, *Representative Spanish Authors*, Vol. I. Reference books: Valbuena, *Historia de la Literatura Española*.

### 5. History of Spain and of Hispano-America, 1492-1898.

M. T. Garcia-Lopez

Lect.: 2 hrs.

Prerequisite: Spanish 2 and 3. The discovery, colonization, and independence of the Hispano-American colonies. *Text*: Ballesteros, *Sintesis de la Historia de España*.

### 6. The Golden Age of Spanish Literature.

M. T. Garcia-Lopez

Lect. 2 hrs.

First term: Spanish mystics and ascetics. Second term: Spanish drama.

## RELIGIOUS STUDIES

Candidates for the degree of Bachelor of Arts who are interested in religious studies may satisfy the grouping requirement by a selection of the classes listed below. For information and advice they may consult Professor Page, Department of Philosophy.

1. English Bible (English 26)
2. Mediaeval History (History 7)
3. European History, 1453-1648 (History 14)

4. Ethics (Philosophy 3)
5. Philosophy and Science (Philosophy 4)
6. Greek Philosophy to Aristotle (Philosophy 5)
7. Aristotle to Augustine (Classical Literature 6)
8. Mediaeval Philosophy (Classical Literature 7)
9. Philosophy of Religion (Philosophy 20)
10. Psychology of Religion (Philosophy 22)
11. Christianity and Western Civilization (Sociology 4)
12. Comparative Study of Religion (Sociology 7)
13. History of Christian Theological Thought (Philosophy 21)
14. Problems of the Self (Philosophy 15)

## RUSSIAN

Assistant Professors - - - - - Irène Coffin, P. H. Collin

### 1A. Elementary Russian

Irène Coffin

Lect.: 3 hrs (2 sections).

This class is intended for those beginning the study of the Russian language and may count as a credit towards a degree. *Texts*: N. F. Potapova, *Russian Elementary Course*, Vol. I; Lermontov, *Taman*.

### 1.

P. H. Collin

Lect.: 3 hrs.

Prerequisite: Elementary Russian. *Texts*: N. F. Potapova, *Russian Elementary Course*, Vol. II; Lermontov, *Bela*; Bogotova, *Practical Russian*.

### 1S. Scientific Russian.

P. H. Collin

Lect.: 3 hrs.

This class is intended for those who wish to read scientific articles as quickly as possible. It is taught in conjunction with Russian 1. No student may register for both Russian 1 and Russian 1S. *Texts*: N. F. Potapova, *Russian Elementary Course*, Vol. II; Znamemsky, *Elementary Scientific Russian Reader*.

### 2.

Irène Coffin

Lect.: 6 hrs.

Prerequisites: Elementary Russian and Russian 1 or 1S. *Texts*: Fairbanks, *A Russian Reader*; Khavronina, *Russian as we speak it*; Potapova, Vol. II.

### 3.

Irène Coffin

Lect.: 2 hrs.

Reading of literary texts and conversation. Higher work in Russian may be arranged by consultation with the instructor.



## School of Divinity

### ENTRANCE REQUIREMENTS

The regular Divinity course consists of the prescribed course for the B.A. or B.Sc. (3 years after Senior Matriculation) followed by 3 years in Divinity. Thus the normal entrance requirement is matriculation. It is customary for students to be accepted by a Bishop as candidates for ordination before entering the Divinity School, particularly if they are in need of financial assistance. This condition, however, is by no means obligatory, and **students may take Divinity courses without being committed to ordination.**

Those who already have their degrees will be admitted to the Divinity School direct.

It is most desirable that Divinity Students should reside in the College and take their full share in the privileges and responsibilities of college life. Circumstances in certain cases may move the Divinity Faculty to allow non-residence for part of the course, but students who receive such permission must be prepared to come into residence for at least one full college year.

### COURSE FOR BACHELOR OF ARTS

The course of study prescribed for the Degree of Bachelor of Arts consists of the following classes:

- a. Three classes in Greek\*, or two classes in Greek plus Hebrew 2.
- b. Two classes in English.
- c. One class in Mathematics.
- d. One class in either Physics, Chemistry, Geology or Biology.

\*In exceptional circumstances, the Dean of Divinity may allow substitution of another foreign language in place of Greek. In that case, Classical Literature becomes compulsory, and the student must also take and pass Greek A or Greek Bible A before entering the Divinity School.

- e. Any two of a University course in European History, Philosophy 1, Psychology 1.
- f. Any one of Economics 1, Political Science 1, Sociology 1.
- g. Six classes which require a university class as prerequisite, selected from not more than two departments.
- h. One elective in place of Classical Literature in Translation.
- i. Three electives, one of which may be Hebrew 1.
- j. Religious Knowledge to be taken in the First and Second Years.

### DIVINITY COURSES

The standard academic qualification for ordination is the B.A. or B.Sc. followed by the L.Th. The L.Th. will be awarded on the basis of three years' work in the Divinity School (as distinct from the Faculty of Arts and Science). The L.Th. (Hons.) will be awarded to those who, after three years' study, have passed all the required courses in the complete Divinity course (see below) together with no fewer than 3 Distinction courses (of which Hebrew 2 may be one), with an average of 65% each year and required Field Work. In order to obtain distinction a mark of 65% must be obtained. The L.Th. (Pass) will be awarded, at the discretion of the Faculty, to students who, after 3 years in the Divinity School, complete the required courses only, with or without Hebrew.

When a student at the instruction of his Bishop leaves the college after only 2 years in the Divinity School, he will be awarded the college *Testamur* if he has passed not fewer than 19 required Divinity courses (including 2 in Ceremonial, Pastoralia 2 and 3, but excluding Hebrew). The *Testamur* will be awarded to students who, after 3 years residence in Divinity School, fail to qualify for the L.Th., but satisfy the requirements of this paragraph. No academic recognition will be given to any student leaving college with fewer than 19 Divinity credits.

Students who have their matriculation may, on the recommendation of a Bishop, be admitted to the Divinity School direct without completing any degree course. In such cases, they must complete a probationary year consisting of Religious Knowledge, English Bible 1 or 2, Greek Bible A, and the following courses in Arts—Sociology 1, English 1, and either History 1 or Philosophy 1. They must then take three years of Divinity, at the end of which they may qualify for the L.Th. or *Testamur* as above. Students who show marked incompetence in Greek Bible A may be required to drop Greek and substitute exegesis in English Bible plus additional work in other Departments. In such cases they will not be eligible for the L.Th., but may receive the *Testamur* with hood if satisfying all L.Th. requirements save Greek.

The provisions of this paragraph are generally intended for older men and only in exceptional circumstances will be allowed to men under twenty-eight years of age.

The Degree of Bachelor of Sacred Letters (B.S.Litt.) may be taken by Divinity students under the following conditions: The course consists of twenty approved classes in Arts and Science, followed by the complete Divinity course, plus three distinction courses passed with a minimum of 65%. The twenty classes must include at least two in Latin, and two in Classical Greek. Two classes in Hebrew must be taken in the Divinity School.

The Degree of Bachelor of Sacred Theology (B.S.T.) may be taken by those who already hold a Bachelor's degree on entering the Divinity School, and who take and pass the complete Divinity Course, including two years of Hebrew plus two other distinction courses with an overall average of at least 65%, which must be maintained every year. Any student falling short of this average in the spring examination in either his first or second year will be required to revert to the L.Th. course.

Students who have received the B.S.Litt., the B.S.T., or other graduate students who have qualified for the Licentiate in Theology, with Hebrew or Septuagint Greek, are in

a position to proceed to the final examinations for the degree of B.D. under the General Synod Board of Examiners.

All Divinity Students, and those looking forward to the study of Divinity, will consult Professor Stone as to the choice and arrangement of their courses; then, if approved by the Dean of Divinity, they will register in the Registrar's office not later than September 19th.

A medical examination by the General Synod physician is required for all students during their first year in Divinity. This will be arranged during the term.

No student may write more than three supplemental examinations, the recorded pass mark for which is 50%. A student with more than three failures at the end of a year must repeat the whole year.

## COURSES

The complete Divinity Course consists of all below not marked "Distinction". Hebrew is not required for the L.Th. (Pass.) or the *Testamur*.

**Religious Knowledge**—(One hour a week for two years.) Open to all students of the College. Given every year. The Reverend F. Uhler

To be taken in the first and second years by all students looking forward to Divinity. This course is designed to meet some of the problems faced by the college student in reconciling the old faith with the new learning. The course may be taken by other students, men and women, who desire to do so. It does not count as an Arts credit, and there are no fees.

**Greek Bible A**—Three hours a week. (Not required of those who have taken Greek for their B.A.). An introduction to New Testament Greek. The Rev. D. T. Haviland.

**Greek Bible 1**—Two hours a week. (1965-66)

Synoptic Gospels, and Introduction to Textual Criticism. The Rev. R. E. Reeve.

Text—A. H. McNeile: An Introduction to the Study of the New Testament, revised. C.S.C. Williams (O.U.P.). H. E. W. Turner: Jesus, Master and Lord (Mowbrays). A. Huck: Synopsis of the First Three Gospels, English ed. by F. L. Cross (Blackwells).

**Greek Bible 2**—One hour a week. St. John (65-66) The Rev. J. B. Hibbitts.

Texts—E. Nestle's or British and Foreign Bible Society's ed. of the Greek Testament, 2nd ed., 1958. C. K. Barrett: *The Gospel According to St. John* (SPCK). C. H. Dodd: *Historical Tradition in the Fourth Gospel* (CUP).

**Greek Bible 3**—One hour per week. Romans. (66-67). The Rev. J. B. Hibbitts.

Texts—Nestle's or British and Foreign Bible Society ed. of the Greek New Testament 2nd ed., 1958. C. K. Barrett: *The Epistle to the Romans* (Black). Sandey and Headlam: *The Epistle to the Romans* (Scribners). A. Schweitzer: *The Mysticism of Paul the Apostle* (Black).

**Greek Bible 4**—One hour a week (Distinction). The Epistle to the Hebrews. The Rev. J. B. Hibbitts.

#### BIBLICAL LITERATURE

**English Bible 1**—Old Testament. Two hours a week. (66-67). The Rev. J. B. Hibbitts.

The history and literature of Israel from earliest times to 750 B.C., including its earliest religious, political and cultural development. Tests on the contents of the relevant English text of the Bible will be given throughout the year in this and the following three English Bible courses.

Texts—The Bible—English Revised Version (OUP). R. H. Pfeiffer, *Introduction to the Old Testament* (Harper).

**English Bible 2**—Old Testament. Two hours a week. (65-66). The Rev. J. B. Hibbitts.

The theological ideas of the Hebrew prophets, the exile and its effects, and the religious concepts and practice of Judaism in the post-exilic period.

Texts—C. A. Simpson: *Revelation and Response in the Old Testament* (Columbia UP). N. K. Gottwald: *A Light to the Nations* (Harper). M. Noth: *The History of Israel* (Black). H. H. Guthrie: *God and History in the Old Testament* (Seabury). M. Burrows: *The Dead Sea Scrolls* (Viking Press). C. F. Whitley: *The Exilic Age* (Longmans). D. W. Thomas ed., *Documents from Old Testament Times* (Harper).

**English Bible 3**—New Testament. One hour a week. (65-66). The Rev. J. B. Hibbitts.

Introduction to New Testament times with a survey of the relevant intertestamental literature.

Texts—R. H. Pfeiffer: *A History of New Testament Times* (Harper).

**English Bible 4**—New Testament. Two hours a week. (66-67). The Rev. J. B. Hibbitts.

The emergence, composition, text and canon of the New Testament, with special attention to the material not covered in the required Greek Testament courses.

Texts—The Bible—English Revised Version (OUP). A. H. MacNeile: *An Introduction to the New Testament*, rev. ed. C.S.C. Williams (OUP). C. K. Barrett (ed.): *The New Testament Background, Selected Documents* (SPCK).

**English Bible 5**—(Distinction). The Rev. J. B. Hibbitts.  
Aspects of Biblical Theology.

#### CHURCH HISTORY

**Church History 1**—(Distinction). One hour a week. (65-66). The Rev. C. W. F. Stone.

General Church History, 451-1500.

**Church History 2**—One hour a week. (65-66). The Rev. J. B. Hibbitts.

English Church History from its beginning to the present day.

Texts—J. C. H. Morman: *A History of the Church in England* (Black) H. Bettenson (ed.) *Documents of the Christian Church* (OUP) Bede. *Ecclesiastical History* (Penguin).

**Church History 3**—One hour per week. (66-67). The Rev. C. W. F. Stone, Judge J. E. Hudson.

The Modern Church. A general survey since the Reformation. Church Polity, Canon Law.

**Church History 4**—(Distinction). The Rev. C. W. F. Stone.

Continental Reformation and Counter-Reformation.

#### HEBREW

**Hebrew 1**—Three hours a week. (66-67). The Rev. R. E. Reeve.

Grammar and translation: the first few chapters of Genesis A. B. Davidson: *An Introductory Hebrew Grammar* (24th or later ed.) (Clark). A. R. S. Kennedy, (ed.): *The Book of Ruth, Hebrew Text* (SPCK).

**Hebrew 2**—(Distinction\*). Two hours a week (65-66). Prof. J. B. Hardie.

Selected prose extracts.

\* Distinction for the L.Th. (Hons.) course only.

R. Kittel: *Biblia Hebraica* (4th ed.) P. Smith: *The Books of Samuel* (Scribners).

Hebrew 3—(Distinction) One hour a week. (65-66). The Rev. J. B. Hibbitts.

Selections from Psalms and Prophets.

### DOGMATIC THEOLOGY

Dogmatics 1—One hour a week. (65-66). The Rev. R. E. Reeve.  
The development of the Christian Doctrine to 451 A.D.

Texts—J. Stevenson: *A New Eusebius* (S.P.C.K.). H. Bettenson: *Documents of the Christian Church*, 2nd ed. (OUP).

Dogmatics 2—Two hours a week. (66-67). The Rev. R. E. Reeve.

The Doctrine of God; Theology, Christology, Pneumatology, and Trinitarianism. The Doctrines of Man, Sin and Grace. The Atonement.

Texts—E. J. Bicknell: *A Theological Introduction to the Thirty-nine Articles*, 3rd ed. rev. H. J. Carpenter (Longmans). O. C. Quick: *Doctrines of the Creed* (Nisbet). *The Doctrine Report: Doctrine in the Church of England* (S.P.C.K.)

Dogmatics 3—Two hours a week. (65-66). The Rev. R. E. Reeve.

The Doctrines of the Church, the Ministry and the Sacra-Christian Eschatology.

Texts—As for Dogmatics 2 plus the following: E. Brunner: *Our Faith* (S.C.M. edition). K. Barth: *Dogmatics in Outline* (S.C.M. edition). P. Tillich: *Dynamics of Faith* (Allen & Unwin).

Dogmatics 4—(Distinction). The Rev. R. E. Reeve.

Courses will be offered as required on specific problems of Theology, Christology, Pneumatology, etc. Instruction will take the form of set reading, the preparation and writing of essays and seminars.

(Notice of desire to take the course should be given before the end of the preceding term.)

### LITURGICAL THEOLOGY

Liturgics 1—(Distinction). One hour a week. The Rev. C. W. F. Stone.

Early Christian worship; Primitive Liturgies; Later developments and Mediaeval worship; Theology of worship.

Liturgics 2—Two hours a week. (65-66). The Rev. C. W. F. Stone.

The Liturgy in English; History and Analysis of the English Rites; the Tudor, Stuart, and present Books. Theology of worship.

Liturgics 3—(Distinction). One hour. The Rev. C. W. F. Stone.

(See also Pastoralia 3: *The Prayer Book in the Parish*.)

### PHILOSOPHY OF RELIGION (Faculty of Arts & Science)

Philosophy of Religion 1—Two hours a week. (Philosophy 20).  
F. H. Page.

Basic religious concepts.

Philosophy of Religion 2—(Sociology 7). The Rev. F. Uhler.

Primitive man and religion. Religious foundations of great civilizations of the past. Judaism, Mohammedanism, Christianity. Theories of religion. Christianity in a changing world.

Texts—Noss: "Man's Religions". Cave Sydney: "Christianity and Some Living Religions of the East". Sorokin-Zimmerman-Galpin: "A Systematic Source Book in Rural Sociology". (Vol. 1). Langmead, Casserley: "The Retreat from Christianity." Geo. Galloway: "The Philosophy of Religion".

Philosophy of Religion 3\*—(Philosophy 22). F. H. Page.

Text—Clark: *The Psychology of Religion*.

Philosophy of Religion 4—(Distinction). (Classics 4) J. Doull  
Mediaeval Philosophy.

### PASTORALIA

This course is designed to cover all matters affecting the relationship between priest and people and questions involved in relating the eternal Gospel to contemporary human needs.

The Pastoralia Department attempts to complete essential theological learning with instruction and experience in communicating this learning.

The courses offered are arranged so as to enable every Divinity Student to complete the courses in three years. The courses are distinguished solely by virtue of their specific content, and should not be confused with optional University courses for which credit is given. Every student preparing for the Ministry of the Church is required to take all courses.

Pastoralia 1—Speech Training: the reading of the services and lessons. E. Roberts.

At the discretion of the Faculty of Divinity, any Divinity or Pre-Divinity student may be required to take this course one or more times.

\* Either Philosophy of Religion 1 or 3 is required for the L.Th. If both are taken, one may be counted for distinction provided the student has as pre-requisite Philosophy 1 or Psychology 1.

**Pastoralia 2**—One hour a week. The Rev. R. E. Reeve.  
Church Music.

**Pastoralia 3**—One hour a week. The Rev. R. J. R. Stokoe and C. W. F. Stone.

Conduct of the Services of the Church and use of the Prayer Book in the Parish.

**Pastoralia 4**—One hour a week. The Rev. R. J. R. Stokoe.  
Introduction to Pastoral Relationships.

**Pastoralia 5**—One hour a week. The Rev. R. J. R. Stokoe, Judge J. E. Hudson, and others.

Parish Administration; a consideration of the resources available; the Polity of the Church; Canon Law.

**Pastoralia 6**—One hour a week. The Revs. R. E. Reeve, G. W. Philpotts, C. W. F. Stone.

Composition of Sermons; the Theory and Practice of Preaching.  
(This course must be taken twice: once during first year in Divinity and again during last year).

**Pastoralia 7**—90 minutes a week. (65-66). The Rev. R. E. Reeve.  
(a) Introduction to General and Christian Ethics.

Texts—W. Lillie: *Studies in New Testament Ethics* (Oliver & Boyd). D. Bonhoeffer: *Ethics* (1955).

(b) Introduction to Moral Theology.

Texts—K. E. Kirk: *Some Principles of Moral Theology* (Longmans). P. Tillich: *The New Being* (S.C.M.).

**Pastoralia 8**—90 minutes a week. (65-66). The Rev. R. J. R. Stokoe.  
Relevant insights of Depth Psychology.

**Pastoralia 9**—One afternoon a week. (65-66). The Rev. R. J. R. Stokoe

Pastoral Counselling.

"With the approval of the Professor of Pastoralia, any student may attend a summer course of not less than six weeks duration in Clinical Pastoral Education instead of taking the course Pastoralia 11. Attendance at both however will remain a part of the necessary requirements for a distinction in Pastoralia".

**Pastoralia 10**—The Rev. R. J. R. Stokoe.

Tutorials and seminars for the discussion of field work and problems arising therefrom. All Divinity Students do field work as participants in the Nova Scotia Diocese's Parish Training Scheme.

Additional study for a Distinction in Pastoralia may be taken with the approval and under the direction of the Pastoralia Department. This will include full attendance at a six-week residential summer course in clinical pastoral training.

### Degree of Bachelor of Divinity

By agreement among all Anglican Theological Colleges in Canada, the Degree of Bachelor of Divinity is now awarded only by examination by the Board of Examiners of General Synod. Particulars concerning regulations for this Degree may be had upon application to the Registrar.

### Diploma of Associate of King's College (Nova Scotia)

The Board of Governors of the University of King's College has set up a statute establishing a new diploma to encourage post-ordination studies for those of the clergy who are not eligible as candidates for the B.D., under the following conditions:

1. Possession of the Diploma will qualify the holder thereof to assume the title of "Associate of King's College (Nova Scotia)", [A.K.C. (N.S.)].
2. It is available to priests holding the L.Th. or S.Th. from King's College, and those priests licensed in the Maritime Diocese holding either diploma or its equivalent.

For application form, syllabus, bibliographies and any other information concerning this Diploma, apply to the Registrar, King's College, Halifax, N. S.

## The Maritime School of Social Work

L. T. Hancock, M.A. (Acadia), B.S.W. (McGill), A.M.  
(School of Social Service Admin., University of Chicago)

Carol Ann Probert, B.A. (Mount St. Vincent), M.S.W.  
(Maritime School of Social Work and Saint Mary's);  
Registrar.

The Maritime School of Social Work is affiliated with the University of King's College. The School provides a two-year graduate program leading to the Master's Degree in Social Work. It was started in 1941 by a group of visionaries led by the late Dr. S. H. Prince, for many years a Professor of Sociology at King's. Seeing the rapid growth of Social Service Agencies throughout the Atlantic Region, this group recognized the need for a Centre where individuals could receive the education necessary for a career in the profession of social work.

The School began in a very modest way with four students and a faculty of volunteers. Today, it owns a large property in Halifax on Coburg Road at Oxford Street where a well-qualified faculty provides modern professional education to over forty students.

In early days the School had no permanent home and classes were held wherever suitable space could be found. In 1952 a home was made for the School at the University of King's College, and for five years it was housed in the Administration Building of the University. In 1957 the School purchased the property it now occupies.

Designed to serve the Atlantic Region, the School has placed emphasis on individual attention and highly qualified instructors. In 1950 Mount Allison University, St. Francis Xavier University, and Acadia University recognized the School and through an affiliation agreement awarded Master of Social Work Degrees to its graduates. In 1952 the University of King's College and St. Mary's University joined in the affiliation. Thus, a graduate of the School now receives his Master's Degree in Social Work from one of these five Universities.

Students interested in learning more about the program are referred to the current Calendar. The program, like that of other Canadian Schools of Social Work, is both practical and theoretical. The classroom courses are divided into three different groups, those concerned with the social work methods, those concerned with the social services, and those concerned with understanding human behaviour and social environment. In addition, students are required to participate in a Research program and write a thesis before they can qualify for graduation. The practical part of the program takes students into nearby agencies for two and one half days a week where they practice social work under the direction of a specially qualified Field Instructor.

The demand for professional social workers at home and abroad is enormous, and opportunities are varied and challenging. Persons planning a career in the social Welfare field should first obtain a baccalaureate degree, with special emphasis on the Social Sciences, before applying to the Maritime School of Social Work for admission. Courses in Sociology, Psychology and Political Science are particularly important. In addition, personal qualifications such as patience, understanding, tact, good judgment, emotional stability, and tolerance of religious backgrounds and beliefs that are different from one's own, are essential.

The University of King's College is proud of its long and close association with the Maritime School of Social Work. The University is pleased to offer residence and dining room facilities to students of the School. Students of the University interested in learning more about careers in Social Work are advised to seek an interview with the Registrar of the School by phoning Halifax 423-8162.

## Diction and Voice Production

EDWARD ROBERTS, A.R.C.M., Lecturer

### SPEECH THERAPY

The correction of stammering, stuttering, lisping and other faults.

TONE PRODUCTION      DRAMA      PUBLIC SPEAKING  
PARLIAMENTARY PROCEDURE  
PROSE      POETRY

There are two terms of four months each. Sixteen lessons are given each term. First term begins Thursday, September 9th, 1965. Second term begins Thursday, January 6th, 1966.

### TUITION FEES

Private lessons, Adults, one hr. lesson . . . . . \$65.00 per term  
Private lessons, Juniors (18 & under) one hr. \$40.00 per term

### SYLLABUS

#### Quality of Voice

The elimination of nasal, throaty or guttural tone, lack of tone, and voice strain.

#### Breathing

The development of diaphragmatic and easy breathing.

#### Pronunciation and Enunciation

Training in correct phrasing, emphasis, pauses and modulation.

#### Language

Study of the fitness of words, and smoothness of transition.

#### Rhetoric

The formal organization of an address.

## Atlantic Summer School of Advanced Business Administration

June 13th — July 16th, 1965

The Maritime Universities have for several years jointly sponsored a Summer School in Advanced Business Administration whose home is at the University of King's College. In 1965 the School will be held from June 13th to July 16th.

The purpose of the School is to provide further training at an advanced level for those who are already engaged in work in the business world. Instruction is offered, under the tutelage of a staff drawn from the Harvard School of Business Administration, in Human Relations, Business Policy, Operating Problems, Financial Analysis and Control, Labour Problems, and Marketing Problems.

Admission to the School is by recommendation from the firm which employs the student and participation is invited from all sizes and types of companies. There are no formal educational requirements, but it is expected that sponsors will recommend only those who, by virtue of experience, intelligence, industry, and interest in their jobs, will profit from the instruction offered.

Members of the School will live in single rooms in Alexandra Hall and eat in Prince Memorial Hall. The cost of tuition, books, board and room amounts to \$900.00 for the five weeks. Further details will be sent to applicants shortly before the opening of term in June.

Additional information as to the details of syllabus, etc., and application forms for admission are available from Dean H. E. Dysart, Director, Atlantic Summer School of Advanced Business Administration, University of King's College, Halifax. Applications should be completed by June 1st.

## Institute of Pastoral Training

University of King's College

Pine Hill Divinity Hall

Divinity School of Acadia University

Presbyterian College, Montreal

Medical Faculty of Dalhousie University

The organization of this Institute in collaboration with Pine Hill Divinity Hall, the Divinity School of Acadia University, Presbyterian College, Montreal, Medical Faculty of Dalhousie University, represents one of the newest projects in Theological education on the Canadian scene. It is the objective of the Institute to bring pastors and theological students face to face with human misery as it exists both in and out of institutions, through courses in Clinical Pastoral Education in both general and mental hospitals, reformatories and juvenile courts, homes for the aged, alcoholic treatment centers, and other social agencies. In this connection, the Institute now sponsors six-week courses in Clinical Pastoral Education, usually commencing mid May, at the Nova Hospital, Dartmouth (mental), and the Nova Scotia Sanatorium, Kentville.

While the above mentioned courses aid primarily at increasing the pastoral competence of the parish minister or church worker, students of particular aptitude and interest can be guided in further theological training to become qualified teachers of these subjects in theological courses, directors of Clinical Training Courses, and institutional chaplains; also, in certain cases, to become experts in particular specified fields, such as ministering to the mentally ill or alcoholics, where the church may have a significant role to play in partnership with secular professions.

Other goals of the Institute include the production of teaching materials, the promotion of workshops, and the establishment of a first class library and reference center at the Institute office.

A number of one-day and four-day workshops have already been held in various localities in the Maritimes, and information as to what is involved in setting one of these up may be obtained from the Secretary of the Institute.

All enquiries concerning courses offered should be addressed direct to the Secretary of the Institute, the Reverend Professor C. J. Taylor, Acadia University, Wolfville, N. S.. Board and lodging can usually be arranged, and some bursary assistance is forthcoming. Academic credit is given by certain Canadian and American universities for satisfactory completion of either of the courses offered. Applications to attend the courses from bona fide enquirers belonging to other professions are welcomed, and receive equal consideration.



## Scholarships and Prizes

All Scholarships and Prizes (except those awarded to Graduating Students and Prizes to Day Students) will be credited to the students' accounts and not paid in cash.

Further particulars and application forms may be obtained from the Registrar of King's College.

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

### ARTS AND SCIENCE

An average of 65% must be made to retain scholarships.

#### Chancellors' Scholarships

Established originally through the generosity of the Hon. Ray Lawson, O.B.E., LL.D., D.C.L., former Chancellor of the University, and continued by succeeding Chancellors, these **entrance** scholarships are offered each year to students of the Atlantic Provinces. They are of an annual value of \$400 and tenable for four years from Grade XI and three years from Grade XII.

#### King's Foundation Scholarships

Established by the Board of Governors, these **entrance** scholarships are of an annual value of \$250 and tenable for four years from Grade XI and three years from Grade XII.

#### Halifax-Dartmouth Area High School Entrance Scholarships

A number of scholarships have been established by the University of King's College for Students entering the University from the High Schools of the Halifax-Dartmouth area. These scholarships are of an annual value of \$125.

#### Winfield Memorial Entrance Scholarship—\$200

Established by Mrs. W. A. Winfield in memory of her husband. One scholarship of \$200, tenable for one year, will be awarded to the fully matriculated student entering college with the best general school record, which must include an average of not less than 65% in matriculation.

#### The Alumni Scholarship—\$200

A scholarship of \$200 is offered by the Alumni Association to the fully matriculated student of King's College School, Rothesay Collegiate, Edgehill, Netherwood or Halifax Ladies College, who *enters* with the highest standing and remains in residence for one year. The winner of this scholarship must not hold any other scholarships.

#### Keating Trust Scholarships—\$125

Two scholarships of the value of \$125 each, tenable for one year, are awarded from a bequest to the College from the Rev. J. Lloyd Keating. These scholarships will be awarded to students *entering* College with complete matriculation and with outstanding marks in Science. These scholarships, according to the will of the donor, are intended to encourage students, and preferably Divinity students, in the study of Chemistry and physics, and scholars will be required to take at least one class in physics or chemistry during the year in which they hold the scholarship.

#### The Halifax Rifles Centenary Scholarship—\$200

Established by the Halifax Rifles as an *entrance* scholarship. For particulars apply to the Registrar of King's College.

#### The Prince Scholarship—\$1000

Made available annually by a former graduate of the University in recognition of the pre-eminence in the spheres of education and community leadership of the late Dr. S. H. Prince, long associated with the University. This scholarship will be open to any student of African extraction, a native of Nova Scotia, who has completed Grade XI or XII and who wishes to proceed to University to study for a degree in the Faculty of Arts and Science.

#### Alumni Living Endowment Scholarship—\$600

A number of scholarships have been established by the Alumni Association. These are awarded annually and are intended for entering students, but consideration will be given to applications from students who are already members of the College and who are in good academic standing.

### April Fund Scholarship

The trustees of the April Fund, having considered financial aid generally made available to scholars throughout university undergraduate study, feel that an insufficient number of scholarships exist for which students in their senior year may compete.

Therefore, a scholarship of \$600.00 has been established by the April Fund which will be granted to a student of outstanding academic distinction entering his or her graduating year at the University of King's College in the academic year 1964-65. Any student may apply for this scholarship whether or not he has previously studied at that University.

The scholarship holder will be required to live in University residence.

Applications must reach the Registrar not later than July 31, 1964 and must be accompanied by a transcript of marks obtained in the applicant's Junior year, and the names of two professors to whom the applicant is known, and to whom reference can be made.

### Margaret and Wallace Towers Scholarship—\$600

A scholarship of \$600 a year has been established by Mr. Donald R. Towers, of The Cheshire Academy, Connecticut, an alumnus of King's, in memory of his mother and father. This scholarship will be available to a student of high academic standing entering the University of King's College, Halifax, Nova Scotia, to study Arts, Science, or Journalism, who is a resident, or a descendent of residents, of Charlotte County, New Brunswick, or of Washington County, Maine. Failing any qualified applicants from these counties, the scholarship will become available to a student resident anywhere outside the Maritime Provinces of Canada.

The winner of the scholarship will be allowed to retain it throughout his or her undergraduate course at King's College provided he maintains an average of 65% with no failure in any subject in the annual spring examinations.

### I.O.D.E. Bursaries

The Provincial Chapter of Nova Scotia, I.O.D.E., will award a limited number of bursaries of from \$100 to \$200 to university students of satisfactory academic standing in need of financial assistance. First-year students will be given preference.

Applications for these bursaries should be sent to the Provincial Education Secretary, I.O.D.E., 5853 Spring Garden Road, Halifax, Nova Scotia, by June 1, 1964.

### The Imperial Order Daughters of the Empire Bursary

As part of a War Memorial the I.O.D.E. offers annually in each Province of Canada one bursary for four years' study in Canadian Universities.

For these bursaries, only the sons and daughters of deceased or permanently disabled men and women of the service (Army, Navy, Air Force) are eligible.

The bursary shall be awarded to a candidate who meets the entrance requirements of the University of his or her choice.

The bursary is of value of \$1,600, i.e., \$400 a year for four years, provided that the holder passes the examinations of each year in the spring, or at latest, in the autumn of the same year.

For further particulars communicate with the I.O.D.E. Provincial Education Secretary, 5853 Spring Garden Road, Halifax, Nova Scotia.

### King's College Naval Bursary

In order to commemorate the unique and valuable relationship between the University of King's College and the Royal Canadian Navy during the Second World War, ships and establishments of the Atlantic Command have set up a Bursary to enable a student to attend King's.

**Amount of Bursary**—It is intended that the Bursary be sufficient to cover all College fees and the cost of books.

**Qualifications for Applicants**—Applicants who will be considered for this Bursary must meet these requirements.

They must be:

- a. Children of either officers and men serving in the Royal Canadian Navy or retired from the R.C.N. on pension.
- b. Acceptable to, or registered in, King's College. Transfer or failure will entail the withdrawal of the Bursary. Academic achievement and promise will be the first consideration in selecting a candidate. Purpose, industry and character are to be carefully weighted, together with the likelihood that the candidate will make good use of higher education to benefit not only himself but also his country.

**Conditions of Award**—The Bursary is awarded annually but it is intended to be tenable by the same student to the completion of his course at King's College provided that he makes acceptable progress. The Bursary will be withdrawn in the event of academic failure or withdrawal from King's College for any reason.

Please send enquiries or applications to:

King's College Naval Bursary,  
University of King's College,  
Halifax, Nova Scotia.

#### **Deihl Bridgewater Bursary—\$250**

To assist needy students of suitable standing, resident in the town of Bridgewater, or within six miles of the town. Bequeathed by the late Lena Ruth Deihl.

#### **Walter Lawson Muir Bursary—\$175**

To be awarded annually at the discretion of the Scholarship Committee either to a student entering college for the first time or to a student returning to college who won high scholastic standing in the previous year. Endowed by Mrs. W. L. Muir.

#### **The United States Scholarship—\$500**

Awarded annually by Friends of New York State Corporation, to the student who in the judgment of the Directors of the Corporation best exemplifies an appreciation of the importance of good relationships between the people of the United States and Canada. Applicants must be residents of the United States and should make application to the Registrar before May 15th.

In any year the scholarship may be divided among two or more students.

#### **Imperial Oil Higher Education Award**

Imperial Oil Limited offers annually free tuition and other compulsory fees to all children or wards of employees and annuitants who proceed to higher education courses. The courses may be taken at any Canadian University or other approved institution of higher learning. Each award is tenable for a maximum of four years. To be eligible a student must attain an average mark of 70% in the appropriate secondary school examinations in the subjects required for admittance to the approved institution. Further information and application forms may be obtained from the Secretary, Imperial Oil Education Awards Committee, 111 St. Clair Ave., W., Toronto 7, Ontario.

#### **Redpath Sugar Scholarship**

Establishment of a Redpath Sugar Scholarship for a son or daughter of a Maritime miner to study at a Maritime University was announced January 28th, 1959 from Montreal by W. J. McGregor, President of the Redpath Sugar Refinery. Selection will be based on need for assistance and on scholastic qualifications, Mr. McGregor said, and is in memory of men lost at Springhill.

Value of the scholarship is \$1,000 for two years' study towards a degree or diploma at a recognized university in the Maritimes. At the end of two years, additional assistance may be granted at the rate of \$500 annually if academic record warrants.

Selections will be made by a committee of three, none of whom is employed by the Redpath Sugar Refinery. Applications for the scholarship can be addressed to Beyard Goodday, Esq., P. O. Box 309, Halifax, N. S. or E. L. Spencer, Esq., P. O. Box 523, Saint John, N. B.

#### The President's Scholarships

Three scholarships of \$250 will be awarded to the students who make the highest average at the end of the first, second and third year examinations and hold no other scholarship.

#### The Stevenson Scholarship—\$120

Founded by the Rev. J. Stevenson, M.A., (sometime Professor of Mathematics), of the value of \$120 a year tenable for two years, and open to matriculated students in the second year.

One scholarship will be awarded each year.

This scholarship will be awarded to the student in the Second Year, registered at King's College, who makes the highest aggregate in the Christmas examinations, provided the student will have credit for at least nine subjects at the end of the session and is carrying not more than two subjects that may normally be taken in the First Year. The last re-requirement may be waived, on application of a student, if it conflicts with an approved course.

The Scholarship will not be awarded if the average mark is less than 65%.

The Scholarship will be credited in half-yearly instalments, provided always that the scholastic standard is maintained.

#### Alexandra Society Scholarship—\$200

An annual award offered by the Alexandra Society of King's College to a woman student who, having taken at least five subjects in her third year, has obtained the highest average (minimum 65%) with not less than 50% in any one subject; provided that she spend her fourth year in residence in Alexandra Hall and also provided that if the student obtaining the highest average is otherwise ineligible, the award shall be left to the discretion of the Scholarship Committee of the College.

#### Saint John University Women's Club Scholarship (Undergraduate)

The Saint John University Women's Club awards a scholarship of \$100 each year to a woman student entering her senior year in a Maritime University. The award is to be made to a student from the City or County of Saint John, with consideration being given to both academic attainment and financial need.

Applications are to be forwarded not later than April 1st to:

The Secretary,  
Saint John University Women's Club,  
Saint John High School,  
Saint John, N. B.

The application must be accompanied by a letter from the Registrar attesting the scholarship standing of the candidate.

#### The Almon-Welsford Testimonial—\$30

The Honourable William J. Almon, Esq., M.D. (1816-1901) and his family endowed a prize to commemorate the gallant and loyal deeds of Major Augustus Frederick Welsford who died in the Crimean War (1855) and to encourage the study of Latin. The prize is awarded annually to the student in his first year of enrolment at King's who makes the highest mark in either Latin 1 or Latin 2, provided the mark is not less than 65%.

#### Bishop Binney Prize—\$20

This prize, which was founded by Mrs. Binney in memory of her husband, the late Bishop Binney, is given to the undergraduate with the best examination results at the end of the second year, i.e., at least nine subjects towards the degree.

#### The Harry Crawford Memorial Prize—\$25

Offered annually by a friend in memory of Harry Crawford, son of Thomas H. and Elizabeth A. Crawford, Gagetown, N. B.; a student of this College, who died true to his King and his Country, April 14, 1915, while serving in the Canadian Motor Cycle Corps.

The prize is awarded by the Faculty to the student completing the third year Arts course, of good character and academic standing, who in the opinion of the Faculty deserves it most.

**Khaki Bursary—\$60**

Awarded each year by vote of the Faculty, preference being given to the sons and daughters of the soldiers of the Great Wars. Written application must be made, showing claim for consideration.

**The Binney Bursary—\$50**

Founded in the year 1858, by Miss Binney, sister of the late Bishop Binney, and daughter of the late Rev. Hibbert Binney, in memory of her father.

This scholarship is intended to aid students who may require assistance, and who shall have commended themselves by their exemplary conduct, although their abilities and achievements may not qualify them to be successful competitors for an open Scholarship.

**The Jackson Bursary—\$25**

Founded by the Rev. G. O. Cheese, M.A. (Oxon.), in memory of his former tutor, the late T. W. Jackson, M.A., of Worcester College, Oxford. Awarded each year by vote of the Faculty.

**The McCawley Classical Prize—\$35**

Established as a testimonial to the Rev. G. McCawley, D.D., on his retirement from the office of President.

Open to matriculated undergraduates who have completed their first year, having entered from either Grade XI or Grade XII.

**The Henry D. deBlois English Prize—\$15**

The Late Rev. Henry D. deBlois, D.C.L., a graduate of King's College, left the sum of \$200 to the Governors of the College to establish a prize in English. Awarded to the student of the 3rd or 4th year in Arts or Science who submits the best essay on some subject relating to English Literature.

For conditions, apply to the Registrar. All essays must be in the hands of the Registrar of King's College by February 15.

**The Beatrice E. Fry Memorial—\$50**

Established by the Diocesan Board of the W.A. of the Diocese of Nova Scotia, in memory of Miss Beatrice E. Fry. To be awarded to the woman student (Anglican) of the College obtaining the highest mark of the year in English 2, provided that mark exceeds 65%.

**Dr. M. A. B. Smith Prize—\$25**

Established by a bequest of \$500 from the late Dr. M. A. B. Smith. Awarded to the student with the highest marks at the end of his second year with at least nine classes. In case of a tie preference will be given to a Divinity student.

**Charles Cogswell Bursary—\$20**

Charles Cogswell, Esq., M.D., made a donation of \$400 to the Governors of King's College, the object of the donation being "to promote the health of the students and encourage them in the prosecution of their studies".

**The Lawson Prize—\$100**

Established by The Hon. Ray Lawson, former Chancellor of the University, for the student who shows the greatest progress between the first and second year.

**The Zaidee Horsfall Prize in Mathematics—\$10**

Established as a memorial to the late Zaidee Horsfall, M.A., D.C.L. Awarded to the student who makes the highest mark in first year Mathematics.

**The Akins Historical Prize—\$100**

Founded by T. B. Akins, Esq., D.C.L., Barrister-at Law and Commissioner of Public Records.

The award is made for the best original study in Canadian History submitted in competition.

Essays must be handed in, under a nom de plume, with the writer's name in an attached envelope, on or before the 1st day of April of the year concerned. Essays become the property of King's College.

### The Governor General's Medal

Awarded to the candidate who obtains the highest standing in the examination for B.A. or B.Sc. Degree. Preference will be given to an Honours Student.

### The Rev. S. H. Prince Prize in Sociology

This prize was made available by a \$1,000 bequest under the will of the late Dr. S. H. Prince for annual award to both Dalhousie and King's Students.

### Burns Martin Memorial Prize

Established in 1962 by a graduate of the University in memory of Dr. Burns Martin, for many years Professor of English and College Librarian, to be awarded annually at Encaenia.

### \$500 Scholarship

The University Women's Club of Halifax will offer a scholarship of the value of \$500 every second year, beginning in the autumn of 1964. This scholarship will be awarded to a woman graduate of Dalhousie University or King's College, to assist her in obtaining her M.A. or M.Sc. degree at any recognized graduate school. The candidate must hold a Bachelor's degree of sufficiently high standard to enter graduate school.

Application forms may be obtained from the office of the Dean of Women, Miss Christine Irvine at Shireff Hall.

Applications should be returned to Miss Irvine not later than March 31, 1966.

The successful candidate will be notified on or before May 15, 1966.

### The Canadian Federation of University Women Fellowships

For information apply to the Registrar.

### The Rhodes Scholarship

This scholarship is of the annual value of 750 pounds sterling. Before applying to the Secretary (Dr. C. B. Fergusson, 6 Jennings St., Halifax) of the Committee of selection for the Province (which application must be made by November 10th), consult the Registrar, King's College.

#### Rhodes Scholars who have attended the University of King's College

- 1909 Medley Kingdom Parlee, B.A., '08
- 1910 Robert Holland Tait, B.C.L., '14
- 1913 Arthur Leigh Collett, B.A., '13
- 1916 The Rev. Douglas Morgan Wiswell, B.A., '14  
M.A., '16
- 1916 The Rev. Cuthbert Aikman Simpson, B.A., '15  
M.A., '16
- 1919 William Gordon Ernst, B.A., '17
- 1924 The Rev. Gerald White, B.A., '23, M.A., '24
- 1925 M. Teed, B.A. '25
- 1936 Allan Charles Findlay, B.A., '34
- 1938 John Roderick Ennes Smith, B.Sc., '38
- 1946 Nordau Roslyn Goodman, B.Sc., '40, M.Sc., '46
- 1949 Peter Hanington, B.A., '48
- 1950 Ian Henderson, B.Sc., '49
- 1950 Eric David Morgan, B.Sc., '50
- 1955 Leslie William Caines, B.A., '55
- 1962 Roland Arnold Grenville Lines, B.Sc., '61
- 1963 Peter Hardress Lavallin Puxley, B.A., '63

### The Imperial Order 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. Ten are offered annually—one for each Province.

They are of the value of \$2,000, 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.

#### Commonwealth Scholarships

Under a Plan drawn up at a conference held in Oxford in 1959, each participating country of the Commonwealth offers a number of scholarships to students of other Commonwealth countries. These scholarships are mainly for graduate study and are tenable in the country making the offer. Awards are normally for two years and cover travelling, tuition fees, other university fees, and living allowance. For details of the awards offered by the various countries consult the Registrar's office or write to the Canadian Universities Foundation 77 Metcalf Street, Ottawa.

#### Rotary Foundation Fellowship

Open to graduate students for advanced study abroad. Available every second academic year, 1963, 1965, etc. Applications must be considered before August 1st of previous year. Information may be obtained from Rotary Clubs or the Registrar.

#### Imperial Oil Graduate Research Fellowships

Imperial Oil Limited in 1946 established for annual competition Graduate Research Fellowships, now five in number and having a potential value of \$7,500 each (\$2,500 a year for a minimum of three years.) A fellow may not hold concurrently other awards which annually equal or exceed \$1,500 per annum.

The fellowships are open to any approved Canadian university and are offered for research leading to a Doctor's degree in the fields of Pure and Applied Natural and/or Exact Sciences, including Mathematics (3 fellowships), and Social Sciences and Humanities (2 fellowships). Nomination of students for the fellowships is made by the university—such nomina-

tions to be received by the Secretary, Imperial Oil Higher Education Awards Committee, Imperial Oil Limited, 111 St. Clair Ave., W., Toronto 7, not later than March 1st of each year.

#### DIVINITY

##### Owen Family Memorial Scholarships—Two of \$250

Established by Mr. and Mrs. D. M. Owen, in memory of the Owen Family, tenable for one year, but renewable, and open to applicants who are Nova Scotia born, and resident therein, and are or are about to become theological students at King's College, preference being given (1) to native residents of the Town of Lunenburg, and (2) to native residents of the County of Lunenburg.

##### Canon W. S. H. Morris Scholarship—\$1,500

This Scholarship has been founded by Robert H. Morris, M.D., of Boston in memory of his father, the Reverend Canon W. S. H. Morris, M.A., D.D., Kingsman, Scholar and Parish Priest in the Diocese of Nova Scotia for forty years.

The Scholarship may be awarded annually by the President and Divinity Faculty to the most deserving member of the present or recent graduating class of the Divinity School, who has been at King's at least two years, and who, in the opinion of the Faculty, would benefit from travel and/or study in Britain, the U.S.A. or some other area outside the Atlantic Provinces of Canada, provided he reaches a satisfactory standard. Applications, stating the use which the applicant expects to make of the Scholarship, must be submitted to the Dean of Divinity on or before January 8 of the applicant's graduating year. The recipient will be required to serve in the Atlantic Provinces for a minimum of three years after his return from abroad.

##### William Cogswell Scholarships

Open to students intending to work in the Diocese of Nova Scotia. Scholarship (A): Under the direction of the Trustees of the William Cogswell Scholarship to be awarded to the student who passes a satisfactory examination and who takes his Divinity course at any recognized Divinity College

of the Church of England in Canada best fitted, in the opinion of the Trustees, to serve the terms of the Trust, giving when possible preference to King's College.

Scholarship (B): Under the direction of the Faculty of Divinity of the University of King's College, Halifax, Nova Scotia, an entrance scholarship of \$200 or \$300 depending on quality of work submitted, was awarded to the properly accredited student entering the Divinity School for the first time in September, 1964, who stands highest in a special examination to be held on September 20, 1965, provided he reaches a satisfactory standard. The recipient will be required to sign a statement promising to serve in the Diocese of Nova Scotia for a period at least as long as the period during which he holds the scholarship.

This examination will consist of two papers:

- a. A paper on the content of the Old and New Testaments, and
- b. A paper on A. H. McNeile's Introduction to the New Testament (revised edition by C. S. C. Williams) Oxford, 1953.

Awards will not be made every year.

#### **The Daniel Hodgson Scholarship—\$240**

Founded in 1883 by Edward J. Hodgson and the Reverend G. W. Hodgson in memory of their father Daniel Hodgson, who died about that time. This Scholarship of an annual value of \$60, tenable for four years, is for the purpose of encouraging students to take an Arts Degree before entering upon the study prescribed for Holy Orders. Candidates, who must be residents of Prince Edward Island, shall file their applications and certificates of having passed the full Arts matriculation requirements before August 15th, and must not be over 24 years of age at that time. They must also satisfy the Diocesan Committee for Holy Orders as to their aptitude for the Ministry of the Church. At the end of each academic year the Scholar shall file with the Trustees a certificate from the President or Secretary of the University "that during the

past year he has resided in College (or has been excused from such residence) and has attended the full Arts course in the College", together with a certificate that his moral conduct, his attention to his studies and his general conduct have been satisfactory to the Board of Governors.

Scholars who fail to comply with the foregoing conditions automatically forfeit the Scholarship, but in special cases the Bishop, on the representations of the Trustees, may restore a terminated Scholarship in whole or in part.

#### **Order of The Eastern Star Scholarship—\$250**

Four scholarships are to be awarded, primarily on the basis of financial need, to 2nd or 3rd year Arts students, or to older men with their Arts degree, in their 2nd or 3rd year of Theology.

#### **John Clark Wilson Memorial Bursaries—\$100 each**

Established in 1947 by Miss Catherine R. Kaiser, in memory of John Clark Wilson. Two bursaries of \$100 each, tenable for one year. Awarded to Divinity students deemed worthy of financial help.

#### **Organ Fellowship—\$200**

Awarded to a student qualified and willing to play the organ in the College Chapel (Casavant-2 manual pipe organ) at services throughout the year.

#### **Glebe Scholarship**

A scholarship of approximately \$100 is offered annually to students from Prince Edward Island, preference being given to Divinity students.

Application, accompanied by a certificate of character from the applicant's Rector, must be sent to The Eastern Trust Company, Charlottetown, P.E.I. on or before May 31st.

#### **Moody Exhibition—\$100**

The "Catherine L. Moody" Exhibition of \$50 a year for two years is awarded every two years to the student entering the second year preparing for Holy Orders, whose scholarship and exemplary conduct shall, in the opinion of the Faculty, merit it. (Next award 1965).



**The George Sherman Richards Proficiency Prize—\$120  
In Memory of the Reverend Robert Norwood, D.D.**

The income from a fund of \$2,000 to be awarded annually to the Divinity student who gains the highest aggregate of marks at the end of his penultimate year, provided that in that year he takes the regular full course in Theology.

**The Countess de Catanzaro Exhibition—\$100**

The income from a fund of \$2,000 to be awarded by the Faculty to a Divinity student during his second year in college. The award will be made on the basis of character and need.

**The McCawley Hebrew Prize—\$25**

Open to all members of the University who are below the standing of M.A.

This prize is given out of the interest of a Trust Fund, the gift of the Reverend George McCawley, D.D., in the hands of the Society for the Propagation of the Gospel in Foreign Parts.

This prize will be awarded to the student who leads the class in Hebrew 2 and receives a recommendation from the professor of Hebrew.

**Junior McCawley Hebrew Prize—\$25**

With the accumulated unexpended income from the McCawley Hebrew Prize a fund has been set up establishing a second prize, to be awarded to the student standing highest in first year Hebrew.

**Archdeacon Forsyth Prize—\$50**

The Ven. Archdeacon D. Forsyth, D.C.L., of Chatham, N. B. who died in 1933, left to King's College \$1,000 to provide an annual prize or scholarship, to be awarded to a Divinity student for proficiency in the study and knowledge of the original Greek Scripture. To be awarded on the combined results of Greek Testament 1 and 2.

**Shatford Pastoral Theology Prize—\$40**

Established by an anonymous donor, in memory of the late Rev. Cannon Allan P. Shatford, C.B.E., D.C.L. Awarded

annually for Pastoral Theology. The winner must receive a recommendation from the Professor of Pastoralia.

**Laurie Memorial Scholarship**

One or more scholarships of about \$250 each, founded in memory of Lieut.-Gen. Laurie, C.B., D.C.L., open to candidates for the Ministry, under the direction of the Trustees. Particulars may be had from the Registrar.

**The Wiswell Trust Divinity Studentship—\$120**

A. B. Wiswell, D.C.L., Hon. Fell. (Vind.) of Halifax, N. S. in order to perpetuate the memory of the Wiswell Family, augmented a bequest from members of the family, thus providing a capital sum of \$2,500, the income of which is to assist Divinity students at King's College, who were born in Nova Scotia and who propose entering the ministry of the Anglican Church in Canada.

**Prince Prize in Apologetics—\$60**

Established by a bequest of the late Dr. S. H. Prince. Awarded every alternate year, at the discretion of the Faculty. (Next award 1965-66).

**Wiswell Missionary Bursary—\$200**

Founded by Dr. A. B. Wiswell for help to a Divinity student who believes he has a call to the Mission Field either Overseas or in the Canadian West.

Preference will be given to a student who has given promise of the needed qualities and has taken his degree or is within a year of completing his Arts Course. If there is no student meeting the above requirements the award will be left to the discretion of the Divinity Faculty.

**Clara E. Hyson Prize—\$5.00**

Founded by Miss Clara E. Hyson and awarded each year on vote of the Faculty.

**A. Stanley Walker Bursary—\$100**

Awarded by the Alexandra Society of King's College. To be given annually to a Divinity student.

**Johnson Family Memorial Bursary—\$60**

Founded by the Misses Helen and Marguerite Johnson in memory of their parents, this bursary is to be awarded annually at the discretion of the President and Divinity Faculty to the Divinity student considered most worthy on grounds not only of scholarship, but also, of financial need and of devotion to his vocation. Preference will be given to a student from the parish of St. Mark's, Halifax.

**Divinity Grants**

Grants to aid students in Divinity who require assistance are made by the Bishop of Nova Scotia, and by the Archbishop of Fredericton. The holders of these must fulfill such conditions as the Bishops lay down and in every case attend a personal interview. For further particulars apply to the Dean of Divinity.

**The King's Divinity Scholarship—\$150**

The Women's Auxiliary of the Anglican Church of Canada in the Diocese of Nova Scotia makes an annual grant of \$150 towards the expenses of Divinity students who agree to work in the Diocese of Nova Scotia after ordination.

**Archbishop Kingston Memorial—\$100**

Awarded annually by the Nova Scotia Diocesan W. A. on recommendation of the Divinity Faculty, to a needy Divinity Student.

**The Wallace Greek Testament Prize—\$50**

A Book Prize established by the late Canon C. H. Wallace of Bristol, England, in memory of his father, Charles Hill Wallace, barrister, of Lincoln's Inn, who graduated at King's College in 1823, and died in England in 1845. Subject: Epistle to the Hebrews. Application to be made to the Registrar by March 1st.

**Agnes W. Randall Bursary**

Two bursaries of \$8.00 each will be given each year to the students in Theology who show the greatest diligence in their studies. An award will not be made twice to the same student.

**Bennett-Cliff Memorial Prize**

A prize of \$10.00 each year. Award to be at the discretion of the President.

**Kenelm Eaton Memorial Scholarship—\$60**

This scholarship is provided by the Synod of Nova Scotia as a memorial to The Hon. Captain Kenelm Edwin Eaton, B.Sc., L.Th., who made the supreme sacrifice while serving as a Chaplain in Italy, August 31, 1944. For particulars apply to Registrar.

**Dr. C. Pennyman Worsley Prize—\$100**

A memorial to the late Dr. Worsley. To be used in alternate years for a prize in Church History. Next award 1965-66.

**Fenwick Vroom Exhibition—\$40**

To be awarded to a Divinity Student as the discretion of the Faculty.

**The Church Boy's League Bursary Fund**

Students eligible for assistance from this Fund are those who have, at one time, been full-pledged members of any Parochial C. B. L. branch in Canada. Particulars are available from the Registrar.

**The Reverend Canon R. A. Hiltz Memorial Bursaries**

To be awarded to present or former members of the A.Y. P.A. who are in full course of Theology and in need of financial assistance.

Bursaries up to a total of \$300 each year.

**Archbishop Owen Memorial Scholarships**

A number of scholarships of \$300 each are awarded each year by the General Synod Committee concerned to students in their final year in Theology, who are ready to take up missionary work, either in Canada or overseas. Academic standing and financial need are taken into account in making the award.

Application should be made to the Dean of Divinity by November 1st of each year.

**The Florence Hickson Forrester Memorial Prize—\$100**

The prize, presented in memory of the late Mrs. Forrester, by her husband, is to be awarded on Encaenia Day to the Divinity Student in his penultimate or final year who passes the best examination on the exegesis of the Greek text of St. Matthew, Chapter V-VII provided always that the standard be sufficiently high.

**Bibliography**

T. W. Manson: *The Sayings of Jesus*, (SCM)

J. Jeremias, *The Sermon of the Mount*, (Athlone Press)

F. W. Beare: *The Earliest Records of Jesus*, (Blackwell)  
p.p. 52-69 and 95-98

**The Bullock Bursary—\$225**

Established by C. A. B. Bullock of Halifax for the purpose of defraying the cost of maintenance and education of divinity students enrolled at King's College who were, before being enrolled, residents of Halifax, and members of a Parish Church there, and who are unable to pay the cost of such maintenance and education.

**The Harris Brothers Memorial—\$100**

To be awarded at the beginning of each college year as a bursary to a student of Divinity at the University of King's College. The student shall be selected annually by the Divinity Faculty, preference being given to a needy student from Prince Edward Island, failing that, a needy student from the Parish of Parrsboro, and failing that to any deserving student of Divinity at the said University.

**The Carter Bursaries—\$160**

Two bursaries of a value of \$160 each, established under the will of Beatrice B. Carter of Amherst, Nova Scotia, to be used to assist young men studying for the Ministry.

**Royal Canadian Air Force Protestant Chapel Bursary—\$120**

This Bursary, established in 1959 by endowment from collections taken in R.C.A.F. chapels, is awarded annually at the direction of the Divinity Faculty to a bona fide ordinand,

preference where possible being given to (a) ex-R.C.A.F. personnel, (b) children of R.C.A.F. or ex-R.C.A.F. personnel

**The Ott Reading Prize—\$25**

Established by Dr. T. Gordon Ott. Awarded annually to a student of Divinity for the best reading of the Bible and the Services of the Church.

**The Ott Preaching Prize—\$25**

Established by Dr. T. Gordon Ott. Awarded annually to a student of Divinity for the best extempore sermon of an expository.

**William A. and Kathleen Hubley Memorial Bursary—\$175**

This bursary is designed to assist students from St. Mark's Parish, Halifax, and failing a suitable candidate then from any parish in the Diocese of Nova Scotia, who are studying for the Sacred Ministry at any recognized College in the Anglican Communion, preference being given to students studying at the University of King's College. The award is made on the basis of need and may be renewed provided a certain acceptable standard is attained. The recommendations of the Rector of St. Mark's and the Dean and Divinity Faculty are necessary conditions. The bursary must be applied for annually.

**The Archdeacon Harrison Memorial Bursary—\$20**

Established by Miss Elaine Harrison in memory of her father. To be awarded to a deserving and needy Divinity student, at the discretion of the Faculty.

**St. Paul's Garrison Chapel Memorial Prize—\$20**

To be awarded to the Divinity student chosen by the Faculty to attend a Christmas Conference.

**The Clarke Exhibition**

An endowment has been established by the Reverend Canon W. J. Clarke of Kingston, New Brunswick, the first charge upon which shall be the provision of copies of "The Imitation of Christ" to members of each year's graduating Class in Divinity. The balance of the income each year is to be awarded by decision of the Divinity Faculty to a deserving Divinity Student for the coming year.

**LECTURESHIPS****The Archbishop Hackenley Rural Lectureship**

(A Diocesan Synod of Nova Scotia Foundation, with a supervisor appointed by the Synod and the Divinity Faculty and acting under the guidance of the Dean of Divinity).

This course is available to all students and priests and will consist of lectures on the Church's relation to the Rural Community, and seminars and conferences on the rural pastoral ministry, and the supervision of students working in rural parishes. This course will be integrated with the Diocesan Rural Training School.

**Student Organizations****CO-EDS CLUB**

This organization was founded in October, 1913. It is open to all women graduates and undergraduates of King's College. The primary object is to extend the interest of King's College among women. It is this club that sponsors the annual formal co-ed dinner during convocation week.

**THE KING'S COLLEGE AMATEUR ATHLETIC ASSOCIATION**

The object of this association is the promotion of amateur sports of all kinds. The K.C.A.A.A. is affiliated with the Maritime Intercollegiate Athletic Union and is governed according to the rules of that association. The K.C.A.A.A. enters teams in several intercollegiate competitions including soccer, basketball, curling, and tennis. There are also inter-bay competitions in softball, hockey, volleyball, badminton, ping-pong, and basketball.

**KING'S COLLEGE GIRLS' AMATEUR ATHLETIC ASSOCIATION**

The object of this organization is the promotion of amateur sports of all kinds. The K.C.G.A.A.A. is affiliated with the Maritime Provinces Amateur Athletic Association, and is governed according to the rules of that association. The

K.C.G.A.A.A. sponsors intercollegiate teams in basketball and ground hockey, and in addition organizes and arranges co-ed badminton and volleyball matches in the King's College Gymnasium.

**KING'S COLLEGE DRAMATIC AND CHORAL SOCIETY**

This society was founded in 1931 to further interest in dramatics and choral work. The organization is entirely self-supporting, so all performances must pay for themselves. The society presents an evening of one-act plays during the first term, and a three-act play and a major musical during the second term. In addition, the society sponsors an inter-bay play evening and enters a play in the Connolly Shield Competition.

**THE KING'S COLLEGE RECORD**

The Record (founded 1878) is published by the undergraduates of the College during the Academic year. It contains a summation of the year's activities and awards. The associate editors and the business manager of the Record are elected at the first meeting of the Fall term.

**THE QUINCTILIAN DEBATING SOCIETY**

This society was founded in 1845 and it was largely to the initiative of this society that the Maritime Intercollegiate Debating League was established. Quinctilian sponsors inter-bay debates during the first and second terms. In addition the men participate in three Intercollegiate debates each year, and the co-eds in two debates.

**THE HALIBURTON CLUB**

The Haliburton Club was founded and incorporated by Act of Legislature in 1884, and is the oldest literary society on a college campus in North America. Its object is the cultivation of a Canadian Literature and the collecting of Canadian books, manuscripts, as well as books bearing on Canadian History and Literature. College students and interested residents of the city of Halifax meet each fortnight

to listen to papers which are given by literary figures and by the students. Any literary man may be elected an honorary member.

### THE STUDENTS' MISSIONARY SOCIETY

This society was founded in 1890. Its object is to promote interest in missionary work and to further the missionary work of the Church, especially in the Maritime Provinces. The annual meeting is held on Saint Andrew's Day, or as near to it as possible. Through the efforts of this organization, divinity students are provided with summer charges and foreign students have been afforded the opportunity of studying Theology at King's.

### AWARDS

The Student Bodies of the University of King's College combine to award an overall "K" to participants in King's Activities. Under this system, begun during the 1956-1957 term, a student may receive a silver "K" upon amassing 125 points and a gold "K" upon amassing 200 points. This system applies only to those students entering King's during the 1956-1957 term and thereafter. Those who entered King's prior to that time are under a different system whereby each individual society awards its own "K" to those who have participated sufficiently in the activities of that particular society.

In addition several awards are presented to students for outstanding achievements in extra-curricular activities.

#### Bob Walter Award

The highest award that can be given a Kingsman by his fellows, and emblematic of recognition of the winner as the best all-round male student of the year. This award is given annually.

#### Warrena Power Award

Awarded to the girl who has contributed the most to college life during her years at King's.

#### The R. L. Nixon Award

This award is given annually to the resident male student who, in the opinion of his fellows, contributes most to residence life in King's.

#### The Prince Prize

This prize is designed for the encouragement of effective public speaking. The recipient is chosen by adjudicators in an annual competition.

#### The Bissett Award

This award is given annually to the College's best all-round male athlete.

#### The Arthur L. Chase Memorial Trophy

This is presented annually to the student who has contributed most to debating in the College.

#### The H. L. Puxley Award

Awarded annually to the College's best all-round woman athlete.

### LOAN FUNDS

#### Arthur L. Chase Memorial Students Loan Fund

Established by Mr. and Mrs. H. M. Chase as a memorial to their only child, who died while an undergraduate at King's College. Available to male students entering upon their third or fourth year. Application to be made in writing to the Registrar.

#### Edith Mabel Mason Memorial Students Loan Fund

Established by Alumni and friends as a memorial to the late Miss Edith Mabel Mason, M.A., a former Dean of Women and Professor of Modern Languages. Available to women students entering upon their third or fourth year. Application to be made in writing to the Registrar.

### SOCIETIES CONNECTED WITH THE COLLEGE

#### Alumni Association of King's College

This Association, incorporated in 1847 by Act of the Legislature, consists of graduates and others whose object is the furtherance of the welfare of the University. The annual fee for membership is \$4.00.

The Association maintains annual scholarships.

The annual meeting of the Association is held the day before Encaenia.

The officers of the Association in 1965-66:

President: Robert J. McCleave, 1652 Robie St., Halifax, N. S.

Vice-President: The Rev. Walter R. Harris, 6155 Chebucto Rd., Halifax, N. S.

Vice-President: Rowland C. Frazee, P. O. Box 923, Winnipeg, Manitoba.

Treasurer: Henry Muggah, Q.C., 6033 Belmont Rd., Halifax, N. S.

Executive Secretary: Mrs. P. H. Raymond, 1618 Walnut St., Halifax, N. S.

#### The Alexandra Society of King's College

This Society, which has branches all over the Maritime Provinces, was formed in Halifax in 1902 as the Women's Auxiliary to the Alumni, its object being to aid the Alumni in raising funds for the College. It maintains an annual scholarship and has instituted a fund to endow the Alexandra Chair of Divinity.

#### OFFICERS 1965-66

Patronesses	Mrs. W. W. Wavis Mrs. A. H. O'Neil
Hon. Life Member	H. R. H. Princess Alice
Hon. Life President	Mrs. G. M. Ambrose Mrs. H. D. Smith
Immediate Past President	Mrs. R. A. Pauley 2148 Robie St., Halifax, N. S.

President	Mrs. A. G. MacIntosh 3194 Stanford St., Halifax, N. S.
Vice-Presidents	Mrs. J. Harris 39 Villa Ave., Charlottetown, P.E.I.  Mrs. A. MacKeigan 35 Reserve St., Glace Bay, N. S.  Mrs. V. McSweeney 7 Bligh St., Dartmouth, N. S.  Miss M. Morris Weymouth North, N. S.  Mrs. J. E. Lane 357 Brunswick St., Fredericton, N. B.
Recording Secretary	Mrs. J. C. Erving 2231 Quinn St., Halifax, N. S.
Corresponding Secretary	Mrs. A. S. Carten 6056 Fraser St., Halifax, N. S.
Treasurer	Mrs. G. Brown 419 Sp. Garden Ter., Halifax, N. S.
Calendar Secretary	Mrs. C. Beaver 6281 Duncan St., Halifax, N. S.
Friends of King's	Mrs. V. Fairn 55 Lynch St., Dartmouth, N. S.

## CONVOCATION, MAY 13, 1964

## DEGREES CONFERRED, SESSION 1963 - 1964

**Honorary Degree of Doctor of Civil Law (*honoris causa*)**

Malcolm Lyall Douglas  
Maurice Lebel  
Charles Lindsay Bennet

**Honorary Degree of Doctor of Divinity (*honoris causa*)**

The Reverend Canon Herbert Lavallin Puxley  
The Rt. Rev. Sadanand Abinash Bishram Dilbar Hans  
The Rt. Rev. Lauriston Livingstone Scaife  
His Grace The Most Rev. Howard Hewlett Clark

**Master of Social Work**

Nancy Alma Clark  
Frances Nicola Scott

**Bachelor of Divinity**

The Rev. John Austin Munroe

**Bachelor of Sacred Theology**

The Rev. Edward Charles Ellis  
The Rev. Harold Douglas Herggett  
The Rev. Caleb James Lawrence  
The Rev. Robinson Lyndhurst Wadmore Ritchie

## GRADUATING CLASS - 1964

Honorary Life President.....The Rev. Dean Lloyd Gesner  
Life President.....Michael Elliott  
Life Vice-President.....Barbara Glendinning  
Life Secretary.....Lillie Sherwood  
Life Treasurer.....George Abbott

**Bachelor of Arts**

Abbott, George Kitchener.....Moncton, N. B.  
Baldwin, Leslie Ann.....Halifax, N. S.  
Boutilier, Inez Carrie Ellen.....Mushaboom, N. S.  
Boyle, David Arthur.....Dartmouth, N. S.  
Burton, Karen Marianne Bennett.....Halifax, N. S.  
Carter, Alan William.....St. John's, Nfld.

Chard, Donald Frederick.....Providence 6, R.I., U.S.A.  
Chute, Helen Jean.....Halifax, N. S.  
Clarke, Elizabeth Ann.....Brooklyn, Queens Co., N.S.  
Coates, Mary Burdette.....Amherst, N. S.  
Coolen, Layne Hilda.....Hubbards, N.S.  
D'Aubin, David William.....Sydney, N. S.  
Dixon, Blair Allison.....Saint John, N. B.  
Ernst, James Edward.....Mahone Bay, N. S.  
Glendinning, Barbara Ann.....Sydney, N. S.  
Grew, Timothy Alexander.....King City, Ontario  
Hart, Stephen Gilbert.....Bloomfield Station, N. B.  
Kleinadam, Anja-Katrin (Weste).....Dartmouth, N. S.  
Landymore, Laurette Jean.....Esquimalt, B. C.  
Morrison, The Rev. Ian David.....Middle Sackville, N. S.  
Muttart, Reginald Peter.....Kentville, N. S.  
Oldershaw, Helen Jean.....Hantsport, N. S.  
Quinn, Noel Dennis.....East Saint John, N. B.  
Sherwood, Lillie Elizabeth.....Norton, N. B.  
Sullivan, Michael Anne.....Armdale, N. S.  
Wright, Judith Kaye.....Sydney, N. S.

**Bachelor of Science**

Campbell, Frederick H. A.....Kingston, N. S.  
Leung, Tat Chi.....Hong Kong  
Moir, William Archibald.....Bridgetown, N. S.  
Zinck, Maurice Evans.....Chester, N. S.

## DIPLOMAS GRANTED

**Testamur (Theology)**

The Rev. Thomas Good Mitchell

**Licentiate in Theology**

Royden Kenneth Ferris

## ENCAENIA AWARDS

## Arts and Science

Governor General's Medal.....	Judith K. Wright
President's Special Award for Biology.....	F. Eric Christiansen
The Bishop Binney Prize.....	F. Eric Christiansen
The Dr. M. A. B. Smith Prize.....	F. Eric Christiansen
The Almon-Welsford Testimonial.....	Jeanette MacGillivray
The McCawley Classical Scholarship.....	Michelle Rippon
The Zadie Horsfall Prize in Mathematics	Ira Abraham
The Henry D. deBois English Prize.....	James MacPherson
Beatrice E. Fry Memorial Scholarship....	Janette Wallace
L'Alliance Francaise Prize.....	Lauretta Landymore
French Embassy Prize .....	1 Annette Hayward 2 Heidi Aitken
The Lawson Prize.....	Glen Kent
The Alexandra Society Scholarship.....	Helen Pullen
The President's Scholarship.....	1 Frederick D. C. Jones 2 William L. Williams 3 John Terrence Morley
The Khaki Bursary.....	Frederick D. C. Jones
The Binney Bursary .....	William Parsons
The Jackson Bursary.....	Ronald W. Pattison
The Harry Crawford Memorial Prize.....	Alfreda Thompson
The Charles Cogswell Bursary.....	Blair Dixon

## Divinity

The George Sherman Richards Pro- ficiency Prize .....	The Rev. James Purchase
The McCawley Hebrew Prize.....	The Rev. H. Douglas Herggett
Florence Hickson Forrester Memorial Prize	The Rev. E. Charles Ellis
Cogswell Scholarship.....	Ronald Lane
Kenelm Eaton Trust.....	The Rev. Winthrop Fish
Ott Preaching Prize.....	The Rev. Thomas G. Mitchell
Archdeacon Forsyth Prize.....	The Rev. James Purchase
Shatford Prize in Pastoral Theology.....	The Rev. R. L. W. Ritchie
Canon W. S. H. Morris Scholarship.....	The Rev. Caleb J. Lawrence
Ott Reading Prize.....	Dennis Walsh
Prince Prize in Apologetics.....	Gordon Neish
Worsley Church History Prize.....	Gordon Neish

## SCHOLARSHIP RECIPIENTS 1963 - 64

Alumni Scholarship.....	Roderick Landymore
April Fund Scholarship.....	Judith Kaye Wright
Burns Martin Memorial Prize.....	Gordon Sinclair Earle
Chancellor's Scholarship .....	1 Thomas B. Vincent (4th year) 2 Annette M. Hayward (2nd year) 3 Lois E. Miller (2nd year) 4 Sandra Munroe (1st year)
Foundation Scholarship .....	1 Anja Katrin Weste (4th year) 2 Wayne John Hankey (3rd year) 3 Valerie M. Godsolve (2nd year) 4 Garth Maxwell (2nd year) 5 Adele Brennan (1st year) 6 Jeanette MacGillivray (1st year)
Halifax-Dartmouth Entrance Scholarship...	1 Helen Chute 2 Brenda Pierce 3 Susan Brady 4 Susan Holmes 5 Margaret Burstall 6 Dale Blanche
Daniel Hodgson Scholarship.....	The Rev. George Rodney Ives
Kenelm Eaton Memorial Scholarship.....	The Rev. Caleb James Lawrence
Laurie Memorial Scholarship.....	1 The Rev. Caleb James Lawrence 2 Gordon Neish 3 The Rev. Creighton Brown
Living Endowment Foundation Scholarship	1 Gordon Cleveland 2 Heidi Aitken
Muir Bursary .....	Barry Carruthers
Nova Scotia Light and Power Scholarship	Ira Abraham
Archbishop Owen Memorial Scholarship....	The Rev. Caleb James Lawrence
Owen Memorial Trust.....	1 The Rev. Ian David Morrison 2 Ronald Chester Lane
President's Scholarship .....	1 Margaret Ann Harris 2 Michael John Hoare 3 David Arthur Boyle
Richard-Norwood Memorial Scholarship and Prize .....	Kenneth Lloyd Patten
Stevenson Scholarships .....	1 Annette Marie Hayward 2 James MacPherson 3 Anja Weste
Margaret and Wallace Towers Scholarships	Frank Eric Christiansen
John Clark Wilson Memorial Scholarship..	1 Michael Burslem 2 The Rev. Creighton Brown
Winfield Memorial Entrance Scholarship...	John Lightfoot



### FIRST YEAR STUDENTS

1. Complete application for enrolment on form enclosed with this calendar.
2. Attach certificates of former schooling (matriculation and any studies pursued subsequently) to application for enrolment, or arrange for them to be sent to the Registrar. Arrange for Principal's report to be sent to the Registrar
3. When the application is approved (King's students will also receive a letter of acceptance from Dalhousie University, with other forms to be completed and returned to the Registrar, Dalhousie University, Halifax, N. S.) a registration form will also be sent from King's to be completed and returned to the Registrar, King's College.
4. During the appropriate registration period specified in the Almanac (p. 4) come to the University (King's students will go *first* to the Registrar's office at King's and *second* to the Registrar's office at Dalhousie) to (a) arrange final selection of subjects (b) complete registration forms (c) pay fees and (d) complete required aptitude tests. (Resident students will be assigned rooms.)

### SECOND, THIRD and FOURTH YEAR STUDENTS

1. Provisional residence applications and registration for the 1966-67 term must be completed at the Registrar's office before 15 May, 1966, and the required fee paid. Acceptance of this application will guarantee space in September. Students who are required to withdraw during the summer must do so before 1 September, 1966, or forfeit the deposit. The deposit will be credited to the year's account for those who return.
2. King's students will be required to complete and return forms to the Registrar, Dalhousie University, which will be sent during the summer months.
3. During the appropriate registration period specified in the Almanac (p. 4), come to the University (King's students will go *first* to the Registrar's office at King's and *second* to the Registrar's office at Dalhousie) to (a) arrange final selection of studies (b) complete registration forms (c) pay fees. (Resident students will be assigned rooms.)

### EARLY ADMISSION

Candidates for admission are advised to apply early in the year in which they intend to come to College. Available certificates can be forwarded with the initial application for enrolment and provisional admission will be granted, the actual acceptance of the application being delayed until the University is able to examine the certificate of matriculation.

