

Societies Connected with the College

The Alumni of King's College

This Society, 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 \$2.00.

The annual meeting of the Society is held the day before Encaenia.

The present officers of the Society are:

W. S. K. Jones, Esq., B.A., LL.B., President, 30 South Street, Halifax, N. S.

J. Lester Jackson, Esq., B.A., Vice-president, Rothesay Collegiate School, Rothesay, N. B.

Miss Doris L. Harrison, Secretary, R.R. No. 1, Dartmouth, N. S.
W. L. Payzant, Esq., M.A., LL.B., D.C.L., Treasurer, 92 Granville 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 to aid the Alumni in raising funds for the College.

FORM OF BEQUEST

I hereby give, devise and bequeath to the Board of Governors of the University of King's College, Halifax, Nova Scotia, the sum of..... Dollars out of my estate without charge or deduction, and hereby direct my executors to pay the same to the Board of Governors of the University of King's College, and direct that the receipt of the Treasurer of the said University shall constitute and be a sufficient discharge therefor:

Said sum to be expended by said University for

- (1) The payment of any indebtedness upon the buildings of said University or for additions thereto; or
- (2) The providing of furnishings or other equipment for any of the buildings of said University; or
- (3) The purchase of books for the library of said University; or
- (4) The establishment of Scholarships in said University, at the discretion of the Board of Governors.

CALENDAR

(ABRIDGED)

OF THE

UNIVERSITY

OF

KING'S COLLEGE

(Founded A. D. 1789)

(In association with Dalhousie University)

HALIFAX, NOVA SCOTIA

1948-49

160th SESSION

PUBLISHED UNDER THE DIRECTION OF THE
BOARD OF GOVERNORS



CONTENTS

	Page
The University	
Board of Governors	5
Officers of Administration	5
Academic Staff	6
Introduction	
Historical Sketch	7
Residence	
Expenses	10
Fee for Support of Student Organizations	10
Discipline	11
Women's Residence	11
General University Regulations	
Registration	12
Student's Health Service	12
Tutors	14
Kings Library	15
University Caution Deposit	15
Dalhousie Library	15
Laboratory Deposit	16
Conferring of Degrees	16
Faculty of Arts and Science	
Classification of students	17
Matriculation	18
Requirements in Various Subjects	19
Certificates Exempting from Examination	20
Admission to Professional Schools	21
Affiliated Institutions	22
General Faculty Regulations	
Admission to Classes	23
Class Work and Attendance	23
Examinations:	24
Supplementary and Special	24
Fees	25
Degrees and Courses	
Ordinary Course	27
Order of Classes	29
Affiliated Courses	29
Securing Degrees in Three Years	29
Degree with Honours	30
Master of Arts and Master of Science	32
Diploma in Education	32
Diploma in Journalism	32
School of Divinity	
Entrance Requirements and Courses	33-38
School of Journalism	
Scholarships and Prizes	40-46
Student Organizations	47
Societies Connected with the College	48
Form of Bequest	48

University Almanac, 1948-1949

1948

- Aug. 16 M. —Last day for receiving applications* for Fall Supplemental Examinations.
- 25 S. —**Matriculation and Supplemental Arts and Science Examinations†† begin.**
 —9.30-12.30 a.m., Latin; German.§
 —2.30- 5.30 p.m., English.
- 27 M. —9.30-12.30 a.m., French; Greek.§
 —2.30- 5.30 p.m., Physics.
- 28 Tu.—9.30-12.30 a.m., Geometry.
 —2.30- 5.30 p.m., Chemistry.
- 29 W. —9.30-12.30 a.m., Algebra.
 —2.30- 5.30 p.m., Trigonometry; History.§
- 27 M. —**Registration (and Payment of Fees) begins in Faculty of Arts and Science.** The only regular registration day for **New Students** from Halifax and Dartmouth
- Oct. 2 S. —**12 Noon. Regular Registration† Period for students in Arts and Science ends.** Halifax students will not be registered on this day.
- Oct. 4 M. —Results of Matriculation and Supplemental Examinations declared.
 —9 a.m. **Classes begin in Arts and Science.**
- 5 Tu.—12 Noon. Meeting of Faculty of Arts and Science.
- 9 S. —**12 Noon. Registration in Arts and Science ends.**
- 13 W. —Last day for change of course in Faculty of Arts and Science.
 M. —Thanksgiving Day.
- Nov. 11 —Remembrance Day.

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

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

††For time table see Notice Board.

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

- Dec. 10 F. —Last day of lectures in classes in which Christmas Examinations are held.
- 13 M. —3.00 p.m. Christmas Examinations†† begin.
- 21 Tu.—1.00 p.m. Christmas vacation begins.

1949

- Jan. 5 W. —9 a.m. Classes resumed.
- Apr. 15 F. —Good Friday. No Classes.
- 22 F. —Last day of classes.
- 25 M. —Spring Examinations†† begin.
- May 12 Th.—Encaenia Day.
- 12 Th.—11 a.m. Meeting of Faculty of Arts and Science.
- 14 S. —11 a.m. Meeting of Senate.
- 17 Tu.—3 p.m. Convocation. Session ends.

††For time table, see Notice Board.

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

UNIVERSITY OF KING'S COLLEGE

PATRON

The Most Reverend the Lord Archbishop of Canterbury

VISITOR

The Most Reverend the Lord Archbishop of Nova Scotia

BOARD OF GOVERNORS

Most Rev. G. F. Kingston, M.A., Ph.D., DD., D.C.L., D.Litt., Archbishop of Nova Scotia, *Chairman*.

Rt. Rev. W. H. Moorhead, M.A., DD., D.C.L., Bishop of Fredericton
Vice-Chairman.

Rev. Canon A. Stanley Walker, M.A., B.Litt., LL.D., D.D., *President of the University*.

Wm. Wood, Esq., C.A., *Treasurer*.

Diocese of Fredericton

Rev. C. J. Markham, Rev. E. R. McCordick, Rev. A. S. Coster, Rev. Canon C. LeR. Mooers. (Term expires 1949).

J. F. H. Teed, Esq., Rev. Harry Ploughman, Dr. G. T. Leighton, Rev. Canon A. F. Bate. (Term expires 1950).

Diocese of Nova Scotia

A. B. Wiswell, Esq., Hon. Fel., Ven. G. R. Harrison, M.A., Judge J. E. Hudson, B.A., Dr. D. V. Crowe. (Term expires 1949).

Rt. Rev. R. H. Waterman, Rev. S. H. Prince, Ven. G. A. Ernst, Howard Whiston, Esq. (Term expires 1950).

Alumni Association

Dr. W. L. Muir, B.A., Hon. Fel., Rev. H. E. Dysart, B.A., W. L. Payzant, Esq., M.A., D.C.L., R. A. Ritchie, Esq., W. A. Winfield, Esq. (Term expires 1949).

A. H. Whitman, Esq., Hon. Fel., F. H. M. Jones, Esq., Miss Z. T. Horsfall, M. A., Rev. Canon G. M. Ambrose, M. A., Q. E. Smith, Esq. B.Sc. (Term expires 1950).

Executive Committee: The Most Rev. the Lord Archbishop of Nova Scotia, the Right Rev. the Lord Bishop of Fredericton, the President of the University, the Treasurer, together with A. H. Whitman, A. B. Wiswell, W. A. Winfield, Dr. W. L. Muir, Dr. G. T. Leighton, Rev. Canon G. M. Ambrose, F. H. M. Jones, J. E. Hudson, Dr. W. L. Payzant.

OFFICERS OF ADMINISTRATION

The President—Rev. Canon A. Stanley Walker, M.A., (Leeds & Birm., B. Litt. (Oxon), LL.D. (Dal), D.D. (Queen's).

Dean of Divinity Faculty—Rev. J. H. A. Holmes, M.A., B.D., Hon. D.D. (Vind).

Medical Officer—Dr. G. L. Covert.

Treasurer—Wm. Wood, C.A.

Bursar—Rev. C. W. F. Stone, B.A., B.D. (Vind.).

Dean of Residence—Rev. H. E. Dysart, B.A. (Vind).

Dean of Women—Mrs. Vera J. MacKenley.

Purchasing Agent and Steward—W. Lepp.

Academic Staff.

KING'S FACULTY OF ARTS AND SCIENCE, 1947-1948

A. Stanley Walker, M.A., (Leeds and Birm.), B.Litt. (Oxon), LL.D. (Dal.), D.D. (Queen's). *President and Professor of History, President's Lodge.*

Arthur Kent Griffin, M.A. (Tor. et Oxon.), Ph.D. (Tor.), *Professor of Classics, 4 Studley Avenue.*

William Russell Maxwell, M.A. (Harv.), *Professor of Economics, 68 Robie St.*

Samuel Henry Prince, M.A. (Tor.), Ph.D. (Col.), *Professor of Economics and Sociology, King's College, Halifax, N. S.*

Burns Martin, M.A. (Tor.), Ph.D. (Harv.), *Professor of English, 84 Oakland Rd.*

F. Hilton Page, M.A. (Tor.), *Professor of Psychology, 13 Rockcliffe St.*

C. L. Lambertson, M.A. (Alberta), *Assistant Professor of English, 75 Oakland Rd.*

I. A. MacLennan, B.Sc. (Lond.), *Lecturer in Mathematics, King's College.*

In addition to the classes offered by members of the Faculty of Kings, all classes of the Faculty of Arts and Science of Dalhousie University are open to all students enrolled at King's.

University of King's College

(In Association with Dalhousie University)

HISTORICAL SKETCH

King's College, established by Act of Legislature, in 1789, was founded at Windsor in 1790, and in 1802 a Royal Charter was granted by King George III in which the College is referred to as "the Mother of an University for the education and instruction of youth and students in Arts and Faculties to continue forever and to be called KING'S COLLEGE." It was the first University established in what is now Canada. The first President of the College, Dr. William Cochran, came from King's College, New York, which afterwards changed its name to Columbia, and two other King's Colleges, one at Fredericton and the other at Toronto, were subsequently founded; but King's College, Nova Scotia, is the only one which has survived. Among its Alumni are many famous men who have won honourable distinction in Church and State. The burning of the College residence at Windsor, February 5, 1920, raised afresh the scheme of University Federation for the Maritime Provinces; and a generous offer from the Carnegie Corporation to give a sufficient sum to provide for the Arts course, if the College would move to Halifax and erect buildings there, seemed to the Governors an opportunity which they ought not to let pass. In 1923 a basis of association with Dalhousie University was agreed upon, and the College moved from Windsor to Halifax, and the internal life of the College continued on exactly the same lines as in former years. In 1930 King's established herself permanently in Halifax in commodious new buildings erected on a site deeded to King's by Dalhousie University. King's College provides residences for men and for women students, under supervision of members of the staff, a President's house, administration offices, library, lecture rooms, dining hall, a chapel and a large recreation hall. The buildings are of stone, of fire resistant construction, and are on the same campus and within a few minutes walk of the Dalhousie University buildings.

In May 1941, the King's College buildings were taken over by the R. C. N. as an Officers' Training Establishment, and during the next four years, until May 1945, nearly 4,000 Officers were trained for sea duty with the R.C.N. The students and academic staff of Kings carried on during this period through the kindness of Dalhousie University and Pinehill Divinity Hall.

King's retain complete control of her Divinity School as well as of her endowments, administration of residences, etc., but holds in abeyance her degree-conferring powers except in Divinity.

ORGANIZATION OF THE UNIVERSITY

The Board of Governors is the supreme governing body of the University. As defined by the Acts of 1923, it consists of the Bishops of the Dioceses of Nova Scotia and Fredericton, the President of the University and the Treasurer, together with ten members elected by the Alumni Association and eight by each of the Synods of Nova Scotia and Fredericton. 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.

University of King's College

(Founded A.D. 1789)

1948-1949

160th SESSION

(In Association with Dalhousie University)

The University of King's College, having entered an association with Dalhousie University, the students of both institutions must satisfy the same entrance requirements. (See p. 18).

All classes are attended jointly by students of King's and Dalhousie and are given by Dalhousie professors or by professors on the King's Foundation, depending on the courses taken. The students of both institutions follow the same curriculum, take the same examinations, and must attain the same academic standard.

The academic facilities in Arts and Science are shared by the students of both institutions, and the students of King's College have the added advantage of residential life in King's College buildings on Dalhousie Campus. At the end of a successful course the student receives the same degree as a Dalhousie graduate but his diploma is countersigned by the President of King's College and bears the words "A student of King's College."

A student of King's College has the advantage of attending classes in a large institution with increased facilities as well as the more intimate and friendly relations of a small residential college.

Students intending to enter one of the Dalhousie professional schools may take their pre-professional work in Arts and Science as students of King's College and thus assure themselves a place in the King's residence during such course.

KING'S COLLEGE RESIDENCE

The residential life is the most outstanding feature of King's College, as it brings together students of different temperament and training, to their great benefit.

The residences have been designed with a view to the comfort and convenience of the students, and to facilitate study. Two students occupy a suite of two rooms (bedroom and study), each student has a bed, bureau and closet, and study chairs

and tables are provided. The buildings are designed so that it is not necessary to go outside for any student activities.

Students are required to reside in the College building, but in special circumstances permission may be granted to reside outside. All students are under the immediate charge of the Dean of Residence, but **must report to the President at the beginning and end of each term.**

Students must provide their own blankets, sheets, pillowslips and towels.

All property belonging to students in residence is held by them entirely at their own risk.

The residence will be open for students from the evening of September 27, 1948, until the morning of December 21, 1948; and from the evening before the day on which lectures commence in January, 1949, to the morning after Encaenia Day, 1949; (in the case of students expecting to receive their degrees this time will be extended to the morning following Dalhousie Convocation). **Any students permitted by the President to reside in the College at other times must pay at the rate of \$2.00 per night. Students sleeping in the Residence without such permission will be fined \$5 per night.**

Hours.—All resident undergraduates are expected to be in College by 11.30 p.m. each evening. Every student is expected to be in his room by midnight and in bed shortly after. Also to be in Commons Hall for breakfast at 8 a.m. on week days and 9 a.m. on Sundays.

Meals in Rooms.—No student can be furnished with breakfast or any other meal in his rooms, except by permission of the President and in such cases of illness as would render it imprudent that he should be present in the Hall, **and no student is allowed to take crockery or cutlery from the dining hall or the pantry.**

Guests.—No one who is not a resident student or a member of the staff may be in College after 11 p.m. except by permission of the Dean of Residence. Guests are expected to conform to the rules of the College and students will be held responsible for those whom they entertain.

Intoxicants.—The introduction by or for any student of beer, wine, spirits, or any kind of intoxicating liquor into the College is strictly forbidden.

At gatherings of students, whether held in the College or elsewhere, intoxicating liquors are forbidden.

Fraternities.—The various King's College societies and Clubs are all designed to fill the social and athletic needs of students. External so-called Greek Letter social fraternities, therefore, can have no place in King's College, and residential facilities in the College will not be granted to members of such fraternities.

Behaviour.—Students are expected to preserve a quiet and orderly behaviour at all times in the halls and corridors of the College especially during the hours of Lectures.

Chapel.—Students attend the daily morning and evening services in the College Chapel. Students belonging to other Communion are required to attend their own services on Sunday, and except in such cases, **all are expected to attend Chapel service at eleven o'clock on Sunday morning** unless specially excused by the President.

Gowns.—Students are required to wear academical costume at meetings of Convocation, at all College lectures and examinations; and all students are required to wear gowns in Chapel, at dinner in Commons Hall and on other occasions when so ordered. The academical habits shall be such as have been customarily worn in King's College in times past.

Expenses.—The annual charge to resident students for board, room, light, etc., is from \$375 to \$400, depending on location of room, payable at the Bursar's Office, King's College, in two installments, one at the beginning of each term. In case the cost of living continues to rise these expenses will have to be increased.

Students whose accounts are unpaid after 30 days may be asked to leave the College, unless they have the written permission of the President, and interest at the rate of 6% per annum will be charged on these accounts from date of issue.

Fee for Student Organizations

At the request of the King's student body, a fee of \$12. 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 to a copy of the King's College RECORD.

Caution Deposit.—On enrolment each resident student is required to make a deposit of fifteen dollars 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.

Each year a student, on returning, is expected to settle for the previous year's deductions to maintain the credit at fifteen dollars.

Discipline

The Board of Discipline may use all means deemed necessary for maintaining discipline in the residence and on the premises of the University. It is the duty of the Dean of Residence to see that order is maintained. Every professor or officer of the College is required to report cases of improper conduct that may come under his notice. Students conducting themselves in an unbecoming manner on or beyond the premises of the College during the session, may be fined, suspended or expelled.

WOMEN'S RESIDENCE

The residence for women students is conducted under practically the same regulations as the residence for men.

All residents are under the general superintendence of the Dean of Women.

Women students wishing to be out after evening chapel must notify the Dean and state where they are going. Permission must be obtained from the Dean to be out after 10 p.m. and a record is kept of the hour of return of those who have received such permission.

GENERAL UNIVERSITY REGULATIONS

Registration

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

STUDENTS HEALTH SERVICE

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

2. The Service provides for the following:

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

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

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

(g) Hospitalization:

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

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

3. The service does **not** provide for the following:

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

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

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

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

Physical Training

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

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

Tutors

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

Discipline

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

Students are expected to be in attendance on the first day of term, and to remain in attendance until the last day of term, as set forth in the calendar. A fine will be levied by the University for wilful infraction of this rule.

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

Non-Academic Student Activities

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

*These regulations do not apply to the Dramatic Society.

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

King's College Library

The library is open every week day from 9 a.m. to 1 p.m., and every day except Saturday and Sunday from 2 p.m. to 6 p.m., and most of the session from 7 p.m. to 10.45 p.m.

Books, other than those on the reserved lists, may be taken out by instructors or students and kept for one week.

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

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

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

Dalhousie Library

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

University Caution Deposit

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

Laboratory Deposit

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

Unclaimed Deposits

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

Conferring of Degrees

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

By special permission of the Senate degrees may be conferred in exceptional cases, *in absentia*. Written application giving reasons for the request must be made well in advance to the Secretary of Senate. The additional fee for such degrees conferred at Convocation is \$10.00. (See page 26).

Faculty of Arts and Science

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

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 registration for such students takes place on September 27 and 28.

All students entering King's College, in Arts or Science, besides registering at Dalhousie for the courses they purpose taking, must enrol at King's.

King's College Office Hours 9-5 during the session; 9.30-4.30 June, July and August.

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

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

Undergraduates are students who have completed Matriculation and are candidates for a Bachelor's degree in Arts or Science, or for a degree in a professional course.

For details of admission to Professional Courses, see page 21.

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

Entrance Requirements

To be admitted to a regular course leading to a degree in Arts or Science, a student must have credit for *seven* subjects of Junior Matriculation (see pp. 19, 20) in (1) English, (2) Algebra, (3) Geometry, (4), and (5), any two from History, Physics, Chemistry, Biology, Geology, Trigonometry, Latin, Greek, French, German, Spanish, Russian, (6) and (7), any two foreign languages not already offered.

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

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

Subjects of Matriculation

The Matriculation examinations will be held at the University, and at such other places as the Senate may designate, on September 25, 1948. For the time table of the examinations, see the Almanac pages of the University Calendar. Papers of from two to three hours' duration will be offered in each of the following subjects:—*

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

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

Students who intend to write any of these examinations must apply to the University Registrar's Office before September 20, 1948. Application for examination at an outside centre should be made one month earlier.

*Students from outside the Maritime Provinces who wish to offer subjects other than those listed above should communicate with the Registrar's office

†See page 20.

Requirements in Various Subjects

Candidates are expected to be prepared in the following requirements:

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

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

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

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

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

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

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

Greek.—As under Latin.

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

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

The book prescribed is: Wedeck: Third Year Latin; pp. 1-25 (Cicero: *First Oration against Catiline*); pp. 213-238 (Selections from Ovid); pp. 135-196 (Miscellaneous).

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

French.—As for Grade XI Provincial Examinations in Nova Scotia. Texts at present prescribed are: M. Dondo: *Modern French Course*, Lessons 31 to 50. Forrest: *French Poetry*, Selections 36 to 70. Manley: *Eight French Stories* (omitting the eighth story). La Brete: *Mon oncle et mon cure*. Equivalent work will be accepted.

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

German.—B. J. Vos: *Essentials of German*, Lessons 14-26. Bagster-Collins: *First German Reader, stories ("Lesestücke")* Nos. 5, 8, 10 and 12. Thoma: *Lausbubengeschichten* (Heath). Equivalent work will be accepted.

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

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

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

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

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

Certificates Exempting from Examination

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

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

Candidates holding certificates which they wish to offer for exemption as above should forward them for appraisal as early as possible to Bursar, King's College, Halifax, N. S.

Special Matriculation Regulations for each Faculty

Faculty of Law.—In order to be admitted to the Dalhousie Law School, a candidate must have completed Arts Matriculation including Latin, and must also have attended and passed ten regular classes of the course for the degree of Bachelor of Arts, comprising two classes in English, one class in Latin, one class in French or some other foreign language, one class in Mathematics, one class in Political Science, one class in History and any three classes to be chosen from the following—Latin, French, or some other foreign language, History, Logic and Psychology, Economics, Political Science, a Science class. The course in Law is one of three years subsequent to such admission.

Ex-service Men and Women

The foregoing requirements for admission as regular undergraduates in Law have been modified for ex-service men and women, who will be admitted on presentation of satisfactory evidence that they have completed Junior Matriculation (including Latin and a second foreign language), and five university classes, or the equivalent thereof on a Senior Matriculation certificate.

(Note. Under the regulations of the Nova Scotia Barristers' Society Matriculation in Latin is required in the case of all students seeking admission to the Nova Scotia Bar whether they hold degrees in Arts or Science or Commerce or not.)

Students presenting themselves for the first time to register in the University and who are looking forward to the study of Law should at the earliest possible opportunity consult the Dean of the Faculty of Law.

Faculty of Medicine.—In order to be admitted to the Dalhousie Faculty of Medicine a candidate must have complete Matriculation in Arts or Science, and must have attended and passed ten University classes, namely, English 1, History 20, Mathematics 1, Chemistry 1, 2, 4, Physics 1, Biology 1, Zoology 2, and an elective. German 3 is recommended. The course in Medicine is one of five years subsequent to such admission.

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

Admission *ad Eundem Statum*

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

Persons seeking admission *ad eundem statum*, in making application, must submit certificates of good character and standing, with duly certified statements of their Matriculation, and of the classes attended and passed, with the grades attained; also 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 course of Prince of Wales College, Charlottetown, P. E. I., are admitted to the Arts and Science course without further examination, and may receive credit in classes of the first and second years.

Memorial University College

Students who have completed the regular course of Memorial University College, Newfoundland, are admitted to the Arts and Science course without further examination, and may receive credit in classes of the first and second years.

Halifax Ladies' College

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

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

GENERAL FACULTY REGULATIONS

Admission to Classes

1. No Undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications (see p. 18 et seq.)
2. The list of classes which a student may take should include all possible required classes, before any elective is added, but candidates for admission to Honour courses may have this rule modified on application to the Committee on Studies.
3. Five classes shall be regarded as constituting a normal year's work for a student in good standing.
6. Any student, who at the Christmas examinations has not shown reasonable proficiency, may, at the discretion of the Faculty, be required to discontinue attendance at the University for the remainder of the session. Fees will not be reimbursed to such students.

Class Work and Attendance

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

1. All students are required to attend the classes of their prescribed course regularly and punctually.
2. They must appear at all examinations, prepare such essays, exercises, reports, etc., as may be prescribed and, in case of a class involving field or laboratory work, complete such work satisfactorily.
3. They must secure positions on the Pass List. In determining this list both the standing attained in prescribed class exercises and in field or laboratory work and that in the various examinations are taken into consideration. A candidate who fails to obtain a mark of at least 25 per cent on the work of the session in any class shall lose credit for attendance in such class.
4. When the work of a student becomes unsatisfactory or his attendance irregular he will be reported to the Committee on Studies who may require him to discontinue attendance in the class or classes concerned and to be excluded from the examinations.
5. A candidate taking classes in another Faculty must conform to the regulations of that Faculty.

Examinations

Sessional and Class Examinations

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

Class Lists

The names of candidates successful in the examinations are arranged in the published lists in three divisions: first division, 80-100; second division, 65-79; third division, 50-64.

Supplementary and Special Examinations

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

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

Supplementary and Special examinations are held in September only.

A student wishing to appear as a candidate at a Supplementary or Special examination shall be required to give notice of his intention to the Secretary of the Committee on Studies and Attendance on or before August 16th, fee (see p. 26) to be remitted with the notice.

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

PRIVILEGES IN OTHER INSTITUTIONS

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

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

FEES

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

For Registration*

Payable by students taking only one class in the University (including Library Fee of \$5.00).....	\$ 16.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	21.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day.....	.200
Additional annual fee charged to those students from outside the British Empire entered in professional or pre-professional courses.....	250.00

For Tuition

For each class not involving work in laboratory or draughting-room.....	\$ 30.00
For Education 1.....	32.00
**For each draughting-room class.....	40.00
**For laboratory classes in—Geology.....	40.00
“ “ “ “—Biology, Botany, Zoology.....	45.00
“ “ “ “—Physics, Chemistry (other than Chemistry 10).....	50.00
For changing course of study after October 13th charge for adding or substituting a class.....	1.00

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

A class taken a second time is charged for as if taken for the first time except as stated on next page:—

*Students who register only for the purpose of taking examinations are exempt from this fee.
**See Laboratory Deposit, p. 16.

Up to and including October 13th, a student may retire from a class for which he has paid, and his class fee will be refunded; but if he retire after that date, his fee will not be refunded, except as stated below:

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

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

For Examinations

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

Matriculation examinations at an outside centre (each).....	\$ 5.00
**Each Supplementary examination in Arts or Science.....	12.00
**Each Special examination in Arts or Science.....	12.00

For Certificates and Diplomas

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

*Certificate under the University seal.....	\$ 1.00
†B.A., B.Sc. Diplomas.....	10.00
Additional fee for any degree conferred <i>in absentia</i> at the Spring Convocation.....	10.00

Residence Expenses, see p. 10.

Caution Deposit, see p. 11.

Fee for Student Organizations, see p. 10.

University Caution Deposit, see p. 15.

Laboratory Deposit, see p. 16.

King's College Office Hours, see p. 17.

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

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

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

DEGREES AND COURSES

The courses for the degrees of Bachelor of Arts (B.A.) and Bachelor of Science (B.Sc.) extend over a period of four years and each consists of twenty classes or units selected in accordance with the grouping on the following page.

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

(A) Ordinary Degree. See p. 28.

(B) Degree with Honours. See p. 30.

(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 p. 28.

{ Biology	{ Church History	*English
{ Botany	{ Hebrew	*Geology
{ Zoology	{ New Test. Greek	*History
{ Histology	{ French	*Mathematics
{ Embryology	{ German	*Physics
{ Physiology	{ Spanish	*Pol. Science
{ Chemistry	{ Russian	
{ Biochemistry	{ Economics	
	{ Sociology	
{ Latin	{ Philosophy	
{ Greek	{ Psychology	

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

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

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

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

TABLE I

Course for B.A.		Course for B.Sc.	
Units	Required Classes	Units	Required Classes
2	(a) Two classes in Latin or Greek.	4	(a) Two classes in English. Two classes in French or German, or one class in each.
1	(b) One class in one not already chosen of Latin, Greek, French, German, Spanish, Hebrew, Russian.	4	(b) One in each of the following: Mathematics, Physics, Chemistry, Geology or Biology.
2	(c) Two classes in English.	1	(c) One class selected from: English, Foreign Languages, History, Economics, Political Science, Philosophy.
2	(d) History 1, Mathematics 1.		
1	(e) One class in: Physics, Chemistry, Geology or Biology.		
2	(f) Any two classes from: the second language chosen in (b) above, History, Economics 1, Political Science 1, Philosophy 1, Mathematics 2, a Science.		
	Elective Classes		Elective Classes
7	(g) Seven classes which require a university class as prerequisite and are included in not more than three of the departments shown bracketed or starred,	7	(d) Seven classes, in not more than three of the departments of Science and Mathematics.
3	(h) Three other classes†	4	(e) Four other classes.
20		20	

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

Order of Classes

Candidates who intend to take one of the Affiliated Courses, or to enter an Honour Course, or who wish to be eligible for Scholarships, should consult the Bursar concerning the proper order of their classes.

All required classes should be completed in the first two years of a course, leaving the Elective classes to be taken up in the two final years.

Affiliated Courses

An undergraduate looking forward to the study of Divinity, Law, or Medicine may offer one of the following groups:—In place of the 3 classes of (h), Table 1.

For Divinity.—New Testament Greek and two of the following: Hebrew, Biblical Literature, Church History 2, as conducted by the Divinity Faculty of King's College.

For Law.—The classes of the first year.

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

Securing Degrees in Three Years

Provided a student has completed matriculation; provided also that he has won standing of at least fifty per cent in Grade XII or equivalent examinations on at least four subjects of those listed below, he may be allowed to try to complete his degree in three years, but he will not be given credit for more than five of these subjects. The subjects are as follows:—

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

A candidate will be allowed supplementary examinations in the subjects required to complete five classes provided that the certificate shows a mark of at least thirty per cent in such subjects and that the candidate has credit for the corresponding matriculation subjects. **No credit will be given for certificates obtained after a student has once been registered in the University.**

The certificates to which these provisions apply are the following:

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

Honor 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. The following are the general rules for such a course:

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

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

3. To obtain Honours, a student must:

- (a) observe the rules for the ordinary B.A. or B.Sc. degree as laid down in the Calendar, (p. 27) except that in special cases, on recommendation of the department concerned, the Committee on Studies may allow the substitution of an advanced class in one of the sciences for the imperative in another.
- (b) take at least five advanced classes prescribed by the department in which he is taking Honours;
- (c) take two additional or special classes—one in the third year and one in the fourth year in the department in which he is doing his Honour work. (These classes shall be primarily for Honour students and may be given in any way that the department may decide). This means that twenty-two classes are needed for the B.A. degree with Honours;

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

- (d) pass a comprehensive examination covering his Honour work at the end of his course;
- (e) make an average of not less than 65 in all his Honour classes. (This includes the five advanced classes, the two additional classes and the comprehensive examination at the end).

Honour Students must consult their department for advice regarding the scope of their work and the standard required in the examinations.

OTHER COURSES

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.

Diploma in Education

King's College graduates are eligible for the course leading to a Diploma 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 Diploma in Education subsequent to receiving their degree in Arts or Science may receive a permanent High School Class License to teach in any public school in Nova Scotia.

Diploma in Journalism

A School of Journalism was inaugurated in the fall of 1945, under the auspices of the Universities of King's College, Saint Mary's College, and Mount Saint Vincent College.

This course is one of three years and leads to a Diploma in Journalism.

The Academic subjects are given at the constituent Colleges. The Professional subjects are taken in common, and conducted by practical newspaper people.

School of Divinity

DIVINITY FACULTY

- President:* Rev. Canon A. Stanley Walker, M.A. (Leads and Birm.), B.Litt. (Exeter College, Oxon.), LL.D. (Dal.), D.D. (Queen's). *Church History: Homiletics and Moral Theology: Voice Culture and Reading.*
- Dean:* Rev. J. H. A. Holmes, M.A., B.D., Hon. D.D. (Vind.). *Biblical Literature; Church History; Dogmatic Theology; Ecclesiastical Polity and Ceremonial.*
- Rev. S. H. Prince, M.A. (Tor.), Ph.D. (Col.). *Professor of Sociology; and Apologetics; and Owen Lecturer in English Bible.*
- Rev. Pennymann Worsley, M.A. (Edin.). *Associate Professor of New Testament Greek, Hebrew and Patristic Literature.*
- Rev. C. W. F. Stone, B.A., B.D., (Vind.). *Associate Professor in Liturgics, Bib. Lit.*
- Rev. H. E. Dysart, B.A., Lecturer in Pastoral Theology.
- R. V. Harris, M.A., D.C.L., Lecturer in Canon Law.

ENTRANCE REQUIREMENTS

Such persons as have been accepted as candidates for Holy Orders may become students in Divinity under the following conditions.

Undergraduates in Arts who have matriculated in Greek and have taken Greek 1 in the Arts Course, may take the Divinity Options given by the King's Faculty of Divinity as shown in (vii) below, as part of the qualification for a degree. After graduation in Arts, two years are required to complete the Divinity Course.*

Course for Bachelor of Arts†

The course of study prescribed for the degree of Bachelor of Arts* using the Divinity Options,* consists of the following twenty classes:

- (i) Two classes in Greek.
- (ii) Two classes in Latin.
- (iii) Two classes in English.
- (iv) History 1, Mathematics 1.
- (v) One class in either Physics, Chemistry, Geology or Biology,
- (vi) One class from: History 2, Economics 1, Political Science 1, Philosophy 1, Mathematics 2, a Science.
- (vii) New Testament Greek, and two of the following: †Hebrew, Biblical Literature, Church History.
- (viii) **Seven other classes to be taken in not over three of the departments shown on page 25. Six of these classes require University classes as pre-requisites.

*Arts students making use of the Divinity Options must indicate Divinity subjects on the University registration card when registering. Students taking Divinity Options must report them to the Bursar.

**Since Sociology 1 is required in the Divinity course, Arts candidates are strongly recommended to include it as one of these seven classes.

†Hebrew may now be taken as a language course.

Students in Divinity must register in the Bursar's Office on Friday, October 1, after consulting with the Dean of Divinity; and they must submit to a medical examination.

Students in Arts will not be permitted to enter any classes in the Divinity Faculty except those which are required as options for the Arts degree without special permission of the Faculty.

Divinity Students will not be permitted to take any portion of M.A. work along with their Divinity Course without written consent of the King's College Faculty.

For those students who, with the permission of the Bishop, proceed to the study of Divinity without taking a degree, a four years course is required, viz: a Probationary year, followed by the three years course as outlined below. Successful candidates will thereby qualify for the Diploma of Licentiate in Theology.

Students in Arts, looking forward to Divinity, are advised that they must include in their Arts curriculum the Divinity options noted below.

Graduate students who have taken the Divinity options may, with the approval of the Divinity Faculty, complete in two years the requirements for the Divinity Testamur.

Graduate students who have qualified for the Divinity Testamur may proceed to the final examinations for the degree of B.D. under the General Synod Board of Examiners.

Non-graduate students who wish to qualify for the Diploma of L.Th. must complete the courses in Divinity and five of the following courses in Arts, viz: Latin, Greek, Hebrew, English, History, Sociology, Philosophy, of which either Greek and Latin or Greek and Hebrew must be two, or with special permission of the Divinity Faculty and with the approval of the Bishop complete the work of the probationary year.

The degree of Bachelor of Sacred Letters (B.S.Litt.) may be taken by Divinity students. The course consists of twenty classes in Arts and Science, followed by the complete Divinity course. The twenty classes must include at least two in Latin, two in Greek and two in Hebrew.

The Curriculum for the Divinity Course is as follows:—

Probationary Year:

*Preliminary Greek 1.....	5	hours	a	week
English.....	3	"	"	"
History.....	3	"	"	"
English Bible 1 or 2.....	2	"	"	"
Outlines of Christian Doctrine.....	1	"	"	"

First Year:

Greek 1 (Arts Option) or Preliminary Greek 2.....	4	"	"	"
English Bible 2 or 1 (Arts Option).....	2	"	"	"
Church History 2 (Arts Option) or Sociology 1.....	2-3	"	"	"
Hebrew 1 (Arts Option).....	3	"	"	"
Dogmatics 1.....	2	"	"	"
Liturgies 2 or 1.....	1	"	"	"

*Text Book: MacMillan; First Greek Course.

Second Year:

Sociology 1 or Church History 2	}	Alternate years.....	3-2	hours	a	week
English Bible 4 or 3.....						
Apologetics or Church History 1	}	Alternate years.....	2	"	"	"
Liturgies 1 or 2.....						
Hebrew 2.....			2	"	"	"
Greek Testament 1.....			3	"	"	"
Homiletics or Pastoral Theology	}	Alternate years.....	2	"	"	"
Sociology B or A.....						

Third Year:

English Bible 3 or 4.....	2	"	"	"		
Pastoral Theology or Homiletics	}	Alternate years.....	2	"	"	"
Dogmatics 2.....						
Greek Testament 2.....			2	"	"	"
Church History 1 or Apologetics	}	Alternate years.....	2	"	"	"
Ecclesiastical Polity.....						
Ceremonial.....			1	"	"	"
Sociology A or B.....			2	"	"	"

A report of each student will be sent to his Bishop at the end of each term, concerning examinations, attendance at Chapel and general conduct.

COURSES

Greek Testament

Greek Testament 1—(Three hours a week). *(Arts option).
Prerequisite—Greek 1 or Preliminary Greek 2.
 Synoptic Gospels, and Introduction to Textual Criticism.
Greek Testament 2—(Two hours a week).
 St. John and Acts.
Greek Testament 3—(See Distinctions).

Biblical Literature

English Bible 1 and 2—(Formerly *English Bible 3 and 4*). *(Arts Option).
 An introduction to the systematic study of the English version, in harmony with the results of biblical scholarship. Construction. Contents and religious values. The course is designed to acquaint the student with a first hand book-by-book knowledge and appreciation of the Bible itself.
English Bible 1—Old Testament—(1948-49)—(Two hours a week).
English Bible 2—New Testament—(1949-50)—(Two hours a week).
English Bible 3—(Re-arranged from *English Bible 1 and 2*).
Prerequisite—*English Bible 1*.

General introduction to the Old Testament: The History of Hebrews to the time of Herod the Great; the Sacred Literature, its sources and general lines of critical analysis.

*There are two courses given in alternate years. One, but not both, may be offered as an elective for a degree in Arts.

English Bible 4—(1948-49)—(Two hours a week).

Prerequisite—*English Bible 2*.

General introduction to the New Testament; History from Herod the Great to the fall of Jerusalem; Introduction to the synoptic problem; the Johannine Literature; Acts, Epistle and Apocalypse; Canon of the New Testament. Versions and manuscripts.

English Bible 5—(See Distinctions).

Specific Aspects of Old Testament Theology.

Church History

Church History 1—(1947-48)—(Two hours a week). (Alternate years). General Church History to 1500.

Church History 2—(1947-48)—(Two hours a week). (Arts Option). (Alternate Years).

English Church History. The British Church; Celtic and Roman Missions; the Church of England before the Conquest; Growth of the Papal Power. The new Learning and the English Reformation; Puritanism and Erastianism; The Evangelical Revival; the Oxford Movement.

Church History 3—(See Distinctions). (1948-49).

Continental Reformation and Counter-Reformation.

Church History 4—(See Distinctions). (1947-48).

The Modern Church. A survey of the last hundred years. The awakening of the social conscience; The expansion of the Anglican Communion; Missionary and ecumenical movements.

Hebrew

(Two years Hebrew required for Testamur.)

Hebrew 1—(Three hours a week). (Arts Option).

Grammar and translation, (the first few chapters of Genesis).

Hebrew 2—(Two hours a week).

Selected prose extracts.

Hebrew 3—(See Distinction).

Selections from Psalms and Prophets.

Dogmatic Theology

Outlines of Christian Doctrine (One hour per week).

Dogmatics 1—(Two hours a week).

Introduction to Theology; Doctrine of God, Incarnation and Atonement; Resurrection, Ascension and Judgment; The Holy Spirit; The Scriptures; The Creeds; The Nature of Man; Salvation.

Dogmatics 2—(Two hours a week).

The Church: The Church's Authority in Doctrine; The Church's Authority in Discipline; The Ministry; The Sacraments; Church and State.

Liturgics

Liturgics 1—(1947-48)—(One hour a week). (Alternate years).

Early Christian worship; Primitive Liturgics; Later Liturgical development; the Breviary, Sources of the English Prayer Book.

Liturgics 2—(1949-50)—(One hour a week). (Alternate years).

History of the Book of Common Prayer; the Scottish, American, Irish and Canadian Prayer Books.

Apologetics

Apologetics—(1948-49)—(Two hours a week). (Alternate years).

History of Religion: Nature and growth of religion. Comparative study of ethnic faiths. Contemporary religious movements. Christian missions. Philosophy of Religion: Basic ideas in religion. Analysis of sources of belief. Examination of antitheistic theories. Christian evidences.

Homiletics, Pastoral Theology, and Moral Theology

Homiletics—(1948-49)—(Two hours a week). (Alternate years).

Composition of Sermons, Theory and Practice of Preaching.

Pastoral Theology—(1949-50)—(One hour a week). (Alternate years).

The Pastoral Office and the Cure of Souls; Institution and duties of Rectors; Church-wardens and Vestries; Synods; Canonical Obedience; the Parish Priest in his private and public life; his studies, his devotions; Parochial Organizations; Sunday School work; Parish Visiting; The Ministration of the Word and Sacraments.

Moral Theology—(One hour a week). (Alternate years).

Text Book: Kirk—*Some Problems in Moral Theology*.

Patristics

Patristics—(See Distinctions).

Selected Treatises from Greek and Latin Fathers.

Ecclesiastical Polity and Ceremonial

Ecclesiastical Polity—(1947-48)—(One hour a week). (Alternate years).

Seminar on modern controversies and problems.

Ceremonial—(One hour a week). Seminar course in the Rites and Ceremonies of the church. (For senior students).

Sociology

Sociology 1—(See course in Arts Calendar).

Sociology A—(1949-50)—(Two hours a week). (Alternate years).

Social Psychiatry.

Sociology B—(1948-49)—(Two hours a week). (Alternate years). Case Work.

DISTINCTIONS

To obtain, "With Distinctions," either the Divinity Testamur or the Diploma of Licentiate in Theology, choice may be made, with the approval of the Dean, of any three of the following courses:

Greek Testament 3; Hebrew 3; Church History 3; Church History 4; Patristics. To be taken under the direction of members of the Faculty.

RELIGIOUS EDUCATION

Lectures in Religious Education are given every year by the Board of Religious Education. The course, which is spread over three years, consists of 36 lectures, and deals with the following subjects:—

(a) Introduction.

The historical development of the Sunday School and of organized Sunday School work in the Church of England in Canada; the place of the Sunday School in the Church's Educational System.

(b) Psychology of childhood and adolescence in relation to Religious Education.

(c) Principles of Teaching.

(d) Organization and Management of Religious Education.

Each student in the Divinity course is required to pass the annual examination in this subject, as well as to read an approved book on the subject each year and to submit a critical review of the same.

TUITION FEES

The Tuition for students taking the whole or any part of the Divinity Course will be \$15.00 per year, excepting in the case of Arts subjects.

LIBRARY FEE

Divinity students who are not registered for any Arts courses must pay To King's College a Library fee of \$5.

DEGREES IN DIVINITY

The University of King's College having entered into an agreement with the other Church Universities and Theological Schools in Canada to adopt a uniform standard for Degrees in Divinity, all such Degrees are now conferred by the University in accordance with Canon X of the General Synod of Canada. Particular information concerning the regulations for such Degrees may be had upon application to the Dean of Divinity, or to the President.

SPECIAL FEES

For Title S.Th. or L.Th.....	\$12.00
For degree of B.S.Litt.....	10.00
For degree of B.D.....	26.00
For degree of D.D.....	42.00
For examination of Thesis for D.D.....	20.00
Special examinations, each paper.....	5.00
Sociology A or B per class.....	10.00
(Maritime School of Social Work)	

School of Journalism**Professional Staff:**

R. J. Rankin, Director of Studies, Managing Editor, *The Halifax Herald*.
S. L. Tilley, Managing Editor, *The Halifax Chronicle*.
Frank W. Doyle, Associate Managing Editor, *The Halifax Herald*.
Sister Maura, Mount St. Vincent College.

The School is conducted under its own Board of Governors.

Entrance Requirements) Complete Junior matriculation; including English, French, History, Algebra, Geometry, a second foreign language (Latin preferred), and one other. See page 18.

First year: History 1; French 1; English 1; History 20; and Journalism 1.

Second year: History 2 or 3; French 2; English 2; Economics 1; Journalism 2.

Third Year: Classes in English; French; Political Science; Sociology; Journalism 3.

Journalism 1: Introduction to Journalism: As a career; news values; Ethics; Public Relations. This course is partly lectures and partly practical.

Journalism 2: Reporting and news writing, including assignments along lines of actual newspaper work. Training for more important duties in the writing field. Copy and proof reading, headline writing. Background training for desk work, and active and effective handling of news material.

Journalism 3: Newspaper editing; features; editorials; newspaper policy and practice.

FEES

Tuition in Arts subjects payable to Dalhousie University at time of Registration. See page 25.

Tuition in Journalism payable to King's College, each class..\$32.00
Diploma in Journalism 10.00

SCHOLARSHIPS AND PRIZES

Alumni Scholarship (\$50)

1. A Scholarship of \$50 is offered by the Alumni Association, to the fully matriculated student of King's College School, Rothesay Collegiate School, or Edgehill, who enters with the highest standing and remains in residence one year.

King's Foundation Scholarships

2 King's Foundation Scholarships are offered each year by the Board of Governors to students entering college for the first time. Each Scholarship is of an annual value of \$150 and is tenable for four years in the case of students entering with Grade XI or for three years in the case of those who enter with Grade XII. For further particulars of the conditions governing the award of these Scholarships candidates should apply to the Assistant Bursar, King's College, Halifax, N. S.

The Almon Welsford Testimonial (\$20)

3. William J. Almon, Esq., M.D., endowed King's College with \$400, later added to by his family, the interest of which is appropriated as a prize to be competed for by the matriculated students in their first year of residence. The prize shall be presented by the President, in the College Hall, at the beginning of the next academical year, and the successful candidate shall, in a Latin oration commemorate the gallant and loyal deeds of Major Welsford.

The Stevenson Scholarships (Three of \$180 each)

4. Founded by the Rev. J. Stevenson, M.A., (sometime Professor of Mathematics), of the value of \$90 a year, tenable for two years, and open to matriculated resident students in the second 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. This last 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 60%.

The Scholarship will be credited in half-yearly instalments provided always that the scholastic standard is maintained.

Bishop Binney Prize (\$20)

5. This prize which was founded by Mrs. Binney in memory of her husband, the late Bishop Binney, is given to the undergraduate who passes the best examination at the end of the second year.

The Harry Crawford Memorial Prize (\$25)

6. Offered annually by a friend in memory of Harry Crawford, son of Thomas H. and Elizabeth A. Crawford, Gagetown, N. B., and a student of this College, who died true to his King and his Country, April 14, 1915, while serving in the Canada Motor Cycle Corps.

The prize is awarded by the Faculty to the student completing the third year Arts course, whose character and scholarship average highest in his class. A student intending to pursue the divinity course will be given the preference.

Keating Trust Scholarships (Two of \$125 each)

7. 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.

Khaki Exhibition (\$50)

8. 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 Exhibition (\$50)

9. 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.

The design of this Scholarship is to assist students who may require assistance, and who shall have commended themselves by their exemplary conduct, although their abilities and acquirements may not qualify them to be successful competitors for an open Scholarship.

The Jackson Exhibition (\$25)

10. 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 Scholarship (\$35)

11. 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 of residence.

The Henry D. deBlois English Prize
(\$10)

12. 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, see Bursar. All essays must be in the hands of the Bursar by February 15th.

Dr. M. A. B. Smith Prize

13. 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 of residence; in case of a tie, preference to a Divinity student. The successful candidate shall read at the beginning of the next academic year an original essay commemorating those sons of King's who gave their lives for King and country in the First Great War.

Charles Cogswell Prize

14. 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."

Alexandra Society Scholarship
(\$100)

15. An annual award offered by the Alexandra Society of King's College to the woman student at the beginning of her degree year who has obtained the best showing in five subjects of the third year. The average must be at least 65%.

The Governor General's Medal

16. Awarded to the candidate who obtains the highest standing in the examinations for B.A. or B.Sc. Degree.

The Akins Historical Prize
(\$40)

17. T. B. Akins, Esq., D.C.L. Barrister-at-Law and Commissionery of Public Records, vested in the Governors, as Trustees, a sum of money which now provides a prize of forty dollars annually.

Essays must be handed in, under a *nom de plume* with writer's name in an attached envelope, on or before the 1st day of April of the year in question. Essays become the property of King's College.

For particulars, apply to: The Secretary, Board of Governors, King's College.

Haliburton Prize
(\$10)

18. Offered by the Haliburton, for an essay, at least 3000 words. Essays accompanied by pseudonym with the writer's name in an attached envelope, must be submitted by Nov. 1st, addressed to the Secretary Haliburton Club, King's College.

King's College Dramatic Society Prize
(\$5)

19. Offered by the Dramatic Society for the best one act play. More than one play may be submitted by the same author. To be sent to the Secretary-Treasurer of the K.C.D.S. by October 1st.

The Rhodes Scholarship

21. This scholarship is of the annual value of £400. Before applying to the Secretary of the Committee of Selection for the Province, (which application must be made by November 10th), consult the Bursar, King's College.

Daughters of the Empire Post-Graduate Overseas Scholarship

22. This scholarship was founded by the Imperial Order Daughters of the Empire, as part of the war memorial of the Order. Nine are offered annually—one for each Province. They are of the value of \$1,600, 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.

Imperial Oil Graduate Research Fellowships

22. The Imperial Oil Limited, in 1946, established for annual competition four research fellowships of the value of \$3,000.00 each, (\$1,000.00 per year payable in Canadian funds for a maximum of three years), open to graduates of any approved university in Canada. These fellowships are offered for graduate work leading to a Doctor's or Master's degree in the fields of Petroleum Engineering, Petroleum Geology, Chemistry or Chemical Engineering, and Mechanical Engineering. Nomination of students for these fellowships is made by the University—such nominations being submitted to the Imperial Oil Scholarship Committee, Imperial Oil Limited, 56 Church Street, Toronto, not later than June 1st, each year. Nomination forms and information as to the terms of fellowships are available at the Registrar's office.

(Divinity Scholarships)

Owen Family Memorial Scholarship
(Two of approximately \$250 each)

23. Established by Mr. and Mrs. D. M. Owen, in memory of the Owen Family,—tenable for one year, 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.

William Cogswell Scholarships

24. 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 Divinity Faculty of King's College to be awarded to the student who passes a satisfactory examination and takes his Divinity course at King's College.

Examinations will be held in September. Students intending to write should apply to the Dean of Divinity before the end of the previous term.

The Daniel Hodgson Scholarship
(\$240)

25. 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 shall 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.

John Clark Wilson Memorial Scholarship
(\$135)

26. Established by Miss Catherine R. Kaizer, in memory of John Clark Wilson. Tenable for one year. Conditions to be announced.

Glebe Scholarship

26. 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)

28. The "Catherine L. Moody" Exhibition of \$50 a year for two years is awarded 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 1948-1949).

The George Sherman Richards Proficiency Prize
In Memory of the Reverend Robert Norwood, D.D.

29. 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 take the regular full course in Theology.

The deCatanzaro Exhibition

30. The income from a fund of \$2,000 to be awarded by the Faculty to a Divinity student who during his second year of residence in college, shall have made the highest average of marks:—Arts or Divinity, or both.

The McCawley Hebrew Prize
(\$40)

31. 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 Rev. George McCawley, D.D., in the hands of the Society for the Propagation of the Gospel in Foreign Parts.

Application to be made to the Office by March 1st.

Junior McCawley Hebrew Prize
(\$25)

32. 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

33. Ven. Archdeacon D. Forsyth, D.C.L., of Chatham, N. B., who died in 1933, left to King's College \$1000 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 of Holy Scripture. To be awarded on the combined results of Greek Testament 1 and 2.

Shatford Pastoral Theology Prize
(\$25)

34. Established by an anonymous donor, in memory of the late Rev Canon Allan P. Shatford, O.B.E., D.C.L. Awarded annually for Pastoral Theology, under regulations of the Faculty of Divinity.

Laurie Memorial Scholarship

35. Three Scholarships of about \$120 each, founded in memory of Major Gen. Laurie, D.C.L., open to candidates for the Ministry, under the direction of the trustees. Particulars may be had from the President.

The Wiswell Trust Divinity Studentships

36. A. B. Wiswell, Esq., 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 \$2000, the income from which is to assist Divinity students at King's College, who were born in Nova Scotia and who purpose entering the Church of England in Canada. Mr. Wiswell reserves the right to appoint the recipients of the studentships.

Clara E. Hyson Prize
(\$5)

37. Founded by Miss Clara E. Hyson and awarded each year on vote of the Faculty.

Divinity Grants

38. Grants to aid students in Divinity who require assistance are made by the Bishop of Nova Scotia, and by the Bishop of Fredericton. The holders of these must fulfil such conditions as the Bishops lay down and in every case a personal interview must be had. For further particulars apply to the President.

W. A. Grant
(\$150)

39. The Women's Auxiliary of the Church of England 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.

The Wallace Greek Testament Prize
(\$25)

40. 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—Hebrews. Application to be made to the office by March 1st.

Arthur L. Chase Memorial Students Loan Fund

41. 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 Bursar's Office.

Edith Mabel Mason Memorial Women Students Loan Fund

42. 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 Bursar's Office.

STUDENT ORGANIZATIONS

The Student Body

The chief business of the Student Body is transacted by the Council, composed of the Senior, the Treasurer, and the Secretary and a representative from each of the four classes. This Council meets weekly and has general supervision over the funds of the students' societies,

The "King's College Record"

The *Record* (founded 1878) is published by the undergraduates of the College, during the Academic year.

The associate editors and the business manager of the *Record* are elected at the first meeting of Michaelmas Term.

The Quinctilian Society

This is the College Debating Society and was founded in 1845. All students are expected to join this society. It was owing to the initiative of this society that the Maritime Intercollegiate Debating League was established.

The Haliburton

This Society was founded and incorporated by Act of Legislature, 1884. Its object is the cultivation of a Canadian Literature and the collecting of Canadian books, manuscripts and of books bearing upon Canadian History and literature. Membership is open to all members of the College and residents in the city of Halifax. 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. Membership is open to all members of the College. The annual meeting is held on St. Andrew's Day, or as near to it as possible.

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 Provinces Amateur Athletic Association, and is governed according to the rules of that association. Membership is open to all members of the College.

King's College Co-ed's Association

This club was organized in October, 1913. It is open to all women graduates and undergraduates of King's College. The primary object is to extend the interests of King's College among women.

Societies Connected with the College

The Alumni of King's College

This Society, 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 \$2.00.

The annual meeting of the Society is held the day before Encaenia.

The present officers of the Society are:

W. S. K. Jones, Esq., B.A., LL.B., President, 30 South Street, Halifax, N. S.

J. Lester Jackson, Esq., B.A., Vice-president, Rothesay Collegiate School, Rothesay, N. B.

Miss Doris L. Harrison, Secretary, R.R. No. 1, Dartmouth, N. S.
W. L. Payzant, Esq., M.A., LL.B., D.C.L., Treasurer, 92 Granville 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 to aid the Alumni in raising funds for the College.

FORM OF BEQUEST

I hereby give, devise and bequeath to the Board of Governors of the University of King's College, Halifax, Nova Scotia, the sum of..... Dollars out of my estate without charge or deduction, and hereby direct my executors to pay the same to the Board of Governors of the University of King's College, and direct that the receipt of the Treasurer of the said University shall constitute and be a sufficient discharge therefor:

Said sum to be expended by said University for

(1) The payment of any indebtedness upon the buildings of said University or for additions thereto; or

(2) The providing of furnishings or other equipment for any of the buildings of said University; or

(3) The purchase of books for the library of said University; or

(4) The establishment of Scholarships in said University, at the discretion of the Board of Governors.

CLASSES OF INSTRUCTION

Classes marked * are designed for those taking
Honours Courses
Biblical Literature

Lecturer..... Elias Andrews.

Tu. and Th. at 3.30 p.m.

Prerequisite.—Two classes in English.

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

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

Biochemistry: see Chemistry Biology

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

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

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

Botany

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

2. General Botany.—(1949-50). *Lect.: M. and W. at 2.30 p.m. Lab.: M. and W. 3.30 to 5.00 p.m.* H. P. Bell.

Prerequisite.—Biology 1.

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

Prerequisite.—Biology 1.

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

Prerequisite.—Biology 1.

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

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

Prerequisite.—Botany 2 or Botany 3.

Zoology

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

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

Prerequisite.—Biology 1.

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

Prerequisite.—Biology 1.

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

Prerequisite.—Biology 1.

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

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

Prerequisite.—Biology 1, Chemistry 1.

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

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

Prerequisite.—Biology 1, Chemistry 1.

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

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

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

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

Biological Seminar

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

Summer Courses

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

Histology and Embryology

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

Physiology

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

Anatomy

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

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

Chemistry

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

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

Prerequisite.—Matriculation Chemistry or Physics or Mathematics.

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

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

C. C. Coffin, F. L. M. Pattison.

Prerequisite.—Chemistry 1.

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

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

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

Prerequisite.—Chemistry 1.

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

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

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

Prerequisite.—Chemistry 1.

Text Books: Wertheim: *Text Book of Organic Chemistry*. Adams and Johnson: *Laboratory Experiments in Organic Chemistry*.

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

Prerequisite.—Chemistry 2, Physics 1 or 3, Mathematics 2.

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

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

Prerequisite.—Chemistry 5.

This class is restricted to those doing honours or graduate work in physical chemistry.

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

Prerequisite.—Chemistry 3.

Text Book: Kolthoff and Sandell: *Textbook of Quantitative Inorganic Analysis*.

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

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

Prerequisite.—Chemistry 3 and 4.

Study of selected topics in modern inorganic chemistry.

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

Prerequisite.—Chemistry 3 and 4.

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

Text Books: Wertheim: *Textbook of Organic Chemistry*. Shriner and Fuson: *Identification of Organic Compounds*. Morton: *Laboratory Technique in Organic Chemistry*.

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

Prerequisite.—Chemistry 4 and 9.

This class is restricted to those doing Honours or graduate work in Organic Chemistry.

Books Recommended: To be announced.

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

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

Biochemistry

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

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

Classics

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

Greek

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

This class is intended for beginners in Greek, and for those who have insufficient preparation to enter Greek 1. Students whose work is satisfactory will be admitted to a Matriculation examination in Greek held in April. Those intending to qualify for this examination must do much of the reading by private study, and must devote much more time to the subject outside of class hours than is required in ordinary undergraduate work.

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

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

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

Prerequisite.—Matriculation Greek.

Lucian: *Vera Historia*. Euripides: *Iphigeneia in Tauris*. Greek Grammar. Greek Prose. Exercises in sight translation. Greek literature.

Text Books: Lucian: *Vera Historia* (R. E. Yates, Bell). Euripides: *Iphigeneia in Tauris* (Jerram, Clarendon Press). North and Hillard: *Greek Prose Composition* (Rivingtons, London) Goodwin-Gulick: *Greek Grammar* (Ginn). *Ancient Greek Literature* (Bowra, Home University Library, O.U.P.).

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

J. A. Doull.

Prerequisite.—Greek 1.

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

Text Books: Plato: *Apology and Crito* (Adam, Camb. U. P.) Homer: *Odyssey I-9/II* (Stanford, MacMillan, London). *Hellenic History* (Botsford, revised by Robinson, MacMillan, New York). *Socrates* (Taylor, T. Davies, London). *Greek Prose Composition* (Rivingtons, London).

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

Prerequisite.—Greek 2.

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

Text Books: *Herodotus, VI, VIII* (J. Strachan, MacMillan). *Thucydides I, II* (Marchant MacMillan). *Poem to the Ideal Commonwealth of Plato* (Tucker, George Bell & Sons, London). Homer: *Odyssey I-9/II* (Stanford, MacMillan, London).

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

Prerequisite.—Greek 2.

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

Text Books: Homer: *Iliad, Vol. I* (Munro, Camb. U. P.). Euripides: *Medea* (Bayfield MacMillan), *Electra* (Denniston, Ox. U. P.). Aristophanes, *Clouds* (Merry, Ox. U. P.).

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

Demosthenes: *Philippics I, III, Olynthiasc III*. Isocrates: *Philip*. Plato: *Republic II-IV*. *Homer: *Iliad, XXII-XXIV*. Greek Oratory.

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

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

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

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

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

Latin

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

This class is intended for beginners in Latin, and for those who have insufficient preparation to enter Latin 1. Students whose work is satisfactory will be admitted to a Matriculation examination in Latin held in April. Those intending to qualify for this examination must do much of the reading by private study, and must devote much more time to the subject outside of class hours than is required in ordinary undergraduate work.

Text Books: Thompson, Tracy and Dugit: *Essential Latin* (Clark, Irwin & Co.). Caesar: *Galic War I* (Bell or MacMillan). Vergil: *Aeneid I* (Bell or MacMillan).

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

J. A. Doull.

Prerequisite.—Matriculation Latin.

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

Text Books: *A Latin Reader* (A. Petrie, Ox. U. P.). Allen and Greenough: *New Latin Grammar* (Ginn). North and Hillard: *Latin Prose Composition* (Rivington). *Roman Panorama* (Grose-Hodge, MacMillan).

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

A. K. Griffin.

Prerequisite.—Latin 1.

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

Text Books: Sallust: *Catiline* (Merivale, MacMillan). Catullus (Simpson, MacMillan). Horace: *Odes and Epodes* (Smith, Ginn). Vergil: *Aeneid VI* (Page, MacMillan). Allen and Greenough: *New Latin Grammar* (Ginn). North and Hillard: *Latin Prose Composition* (Rivington). *Rome* (W. Ward Fowler, Home University Library, Ox. U. P.).

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

Prerequisite.—Latin 2.

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

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

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

Prerequisite.—Latin 2.

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

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

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

A. K. Griffin.

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

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

A. K. Griffin.

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

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

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

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

Selections from Caesar: *Galic Wars*. Wedeck: Latin Authors. Latin Prose Composition and sight translation. Lectures in Roman Private Life and Government.

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

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

Ancient Civilization

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

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

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

2. Classical Life and Literature.

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

Text papers and essays will be set each week.

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

Prerequisite.—Latin 1.

Honour Courses

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

1. Greek and Latin.

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

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

2. Latin.

Preliminary Classes: Latin 1 and 2.

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

3. Greek.

Preliminary Classes: Greek 1 and 2.

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

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

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

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

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

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

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

Philosophy: Burnet, *Greek Philosophy Thales to Plato*; Taylor, *Socrates*; Windleband, *History of Philosophy*; Livingstone, *The Mission of Greece*.

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

Divinity

Church History

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

Hebrew

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

New Testament Greek

Prerequisite.—Greek 1.

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

Drawing: see **Engineering**

Economics and Sociology

Economics

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

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

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

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

Prerequisite.—Economics 1.

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

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

4. **Economic Theory.**—(1949-50). *M. and W. at 11 a.m.*
W. R. Maxwell.

Prerequisite.—Economics 1.

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

Prerequisite.—Economics 1.

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

6. **Government and Business.**—(1949-50). *M. and W. at 11 a.m.*
L. Richter.

Prerequisite.—Economics 1.

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

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

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

Prerequisite.—Economics 1.

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

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

Books Recommended: Lester: *Economics of Labour*. Yoder: *Labour Economics*. Slichter: *Union Policies and Industrial Management*. Millis and Montgomery: *Labour's Risks and Social Insurance*. Sir William Beveridge: *Social Insurance and Allied Services*.

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

Prerequisite.—Economics 1.

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

Prerequisite.—Economics 1 and Mathematics 1.

10. **Seminar.**—(1948-49). *Tu. and Th. at 9 a.m.* W. R. Maxwell.

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

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

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

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

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

Sociology

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

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

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

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

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

Prerequisite.—Sociology 1 or Economics 1.

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

Text Books: Osborn and Neumeyer: *The Community and Society*. Thompson: *Population Problems*. Elliott and Merrill: *Social Disorganization*.

Reference Books: Wright: *Population*. Towne: *Social Problems* (Revised Ed.). Davie: *Problems of City Life*. Sorokin and Zimmerman: *Rural-Urban Sociology*. Fairchild: *Immigration*.

Also topical bibliography supplied in class.

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

Prerequisite.—Sociology 1 or Economics 1.

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

Text Books: Hertzler: *Social Institutions*. Snider: *Social Institutions, Origin, Growth and Interaction*. Ginsberg, Hobhouse and Wheeler: *Social Institutions of the Simpler Peoples*. Muller-Lyer: *History of Social Development*.

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

Prerequisite.—Sociology 1 or Economics 1.

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

Text Books: Collcott: *Principles of Social Legislation*. Jenks: *Governmental Action for Social Welfare*. Kelso: *Science of Public Welfare*. Strong: *Public Welfare Administration in Canada*. Seager: *Social Insurance*. Lippman: *Public Opinion*. Stewart: *Canadian Labour Laws*.

Reference Books: Ilbert: *Mechanics of Law-making*. Coode: *Legislative Expression*. *Revised Statutes of Canada*.

Anthropology

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

Prerequisite.—Sociology 1 or Economics 1.

Text Books: Stibbe: *Physical Anthropology*. Kroeber: *Anthropology*. Wissler: *Introduction to Social Anthropology*.

Reference Books: Kroeber and Waterman: *Source Book of Anthropology*. Lowie: *Primitive Society*. Tozzer: *Social Origins*. Goldenweiser: *Early Civilization*.

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

Prerequisite.—Sociology 1.

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

Additional readings prescribed from Giddings, Bristol, Bogardus, Barnes and other writers on historical sociology.

Public Administration.

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

Social Work

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

Education

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

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

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

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

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

English Language and Literature

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

English 1 and 1A.—*M., W. and F. at 12 m.*

English 1 in sections, one possibly at an hour to be arranged.

Prerequisite.—Matriculation English.

Only one of English 1 and 1A may be counted as first year English for a degree. Both may be counted towards the Engineering Diploma.

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

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

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

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

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

Text Books: Lippmann and Nevins: *A Modern Reader*. Bowers: *Thinking for Yourself*. Grant, Bracher, and Duff: *Correctness and Precision in Writing, Form B*. Outside reading to be announced.

2. The Renaissance (Shakespeare) (Milton) (The Bible in English Literature).—*M., W. and F. at 12 m.* C. L. Bennet.

Prerequisite.—Complete Matriculation; and English 1 or an equivalent class.

Text Books: Hardin Craig: *Shakespeare* (Plays and Commentary). Milton: *Selections* (ed. Hanford). *The Pocket Bible*.

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

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

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

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

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

3. Middle English.—(1948-49). *Hours to be arranged.*

Prerequisite.—English 2.

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

Texts: Chaucer (ed. Robinson); *Piers Plowman* (B. Text; ed. Skeat); Selected readings from assigned Middle English texts.

4. Nineteenth Century Literature.—(1948-49). *Tu. and Th. at 11 a.m.* Doreen Alley.

Prerequisite.—English 2.

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

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

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

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

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

Prerequisite.—English 2.

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

Text Books: Carlyle: *Sartor Resartus* (ed. MacMechan); *Poetry of the Victorian Period* (ed. Woods).

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

For Distinction, as in English 4.

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

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

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

Texts: Wyatt: *An Anglo-Saxon Reader*. Smith: *An Old English Grammar and Reader*. Sigh translation from easy texts.

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

Prerequisite.—English 2.

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

Text Book: Hazelton Spencer: *Elizabethan Plays* (Heath). A complete Shakespeare; the Kittredge edition is highly recommended.

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

Prerequisite.—English 2.

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

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

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

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

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

Prerequisite.—English 2.

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

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

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

11. Modern Poetry.—(1948-49). *M. and W. at 11 a.m.* Doreen Alley.

Prerequisite.—English 2.

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

Texts—Untermeyer: *Modern British and Modern American Poetry* (one-volume ed.).

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

Prerequisite.—English 2.

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

Text Books: Saintsbury: *History of English Criticism*. Cowl: *The Theory of Poetry in England*. Richards: *The Principles of Literary Criticism; Practical Criticism*. Texts: *English Criticla Essays*, "World's Classics," 240, 206, 405.

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

Prerequisite.—English 2.

An introduction to the historical study of the sounds, words and forms of English, with emphasis on modern Semantics and the language of literature. Texts and Readings to be assigned. This class is suitable for

those who expect to offer English as one of the requirements for the Academic Licence issued by the Department of Education of the Province of Nova Scotia.

Text: Baugh: *History of the English Language*.
For Reference: *To be assigned*.

14. Poetry and Prose of the English Renaissance.—(1949-50).
M. and W. at 9 a.m.

Prerequisite.—English 2.

Text Books: *The Oxford Book of Sixteenth Century Verse. The Oxford Book of Seventeenth Century Verse.*

15. English Literature in the Eighteenth Century.—(1948-49).
Tu. and Th. at 9 a.m. Burns Martin.

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

Text Books: Shepard and Wood: *English Prose and Poetry, 1660-1800* (Houghton, Mifflin).
Novels and plays of the period.

16. The English Novel since 1800. (Not given in 1948-49). *M. and W. at 4.30 p.m.* Burns Martin.

Students intending to take this course must see the Instructor during the preceding spring. At least one-half of the novels must be read during the summer. The class is purely a discussion group.

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

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

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

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

Fine Arts

Lecturer..... Donald C. Mackay.
W. and F. at 4.30 p.m.

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

Text Book: Gardner: *Art through the Ages* (Harcourt, Brace).

French: see **Modern Languages**

Geology and Mineralogy

Professor..... G. Vibert Douglas.
Special Lecturer..... Alan E. Cameron.
Student Assistant.....

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

For those taking Chemical or Metallurgical Engineering this course will be abbreviated by the omission of the usual essay.

2. Mineralogy.—*Lect.: Th. at 10 a.m. and another hour. Lab.: M., Tu. and Th., 2.30 to 5.30 p.m.; at least two periods.*

Prerequisite.—Geology 1.

3. Petrology.—*Lecture and colloquium: Tu., 10 a.m. to 1 p.m. Lab.: W., a.m. and/or p.m.*

Prerequisite.—Geology 1 and 2

4. Ore-deposits.—*Colloquium: Th., 2.30 to 5.30 p.m.*

Prerequisite.—Geology 1.

Senior Classes

5. Field Geology.—*Conference: M., p.m. Lab.: Th., a.m. and p.m.*
Prerequisite.—Geology 1, 2 and 3.

6. Advanced Ore-deposits.—*Conferences and Lab.: M., a.m. and Tu., a.m. and p.m.*

Prerequisite.—Geology 1, 2, 3, 4 and 5.

7. Special Problems.—*Hours to be arranged.*

Prerequisite.—Geology 1, 2, 3, 4, 5 and 6.

8. Experimental Geology.—*Hours to be arranged.*

Prerequisite.—Geology 1.

9. Metallurgy and Geology.—*Hours to be arranged.* Alan E. Cameron.

German: see **Modern Languages**

Greek: see **Classics, Divinity**

Hebrew: see **Divinity**

Histology: see **Biology**

History

Professors.....G. E. Wilson (Head of Dept.), A. Stanley Walker.
Special Lecturer.....D. C. Harvey.
Lecturer.....John P. Heisler.

1. **History of Europe since the Fall of the Roman Empire.**—
M., W. and F. at 9 a.m. G. E. Wilson.

2. **Ancient History.**—(1949-50, and in alternate years). *M., W. and F. at 10 a.m.*

Prerequisite.—History 1.

3. **Modern England.**—(1948-49, and in alternate years). *M., W. and F. at 10 a.m.* A. S. Walker.

Prerequisite.—History 1.

4. **History of Europe since 1815.**—(1948-49, and in alternate years).
Tu. and Th. at 2.30 p.m. G. E. Wilson.
Prerequisite.—Two classes in History.

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

5. **History of Europe, 1715-1815.**—(1949-50, and in alternate years).
Tu. and Th. at 2.30 p.m. G. E. Wilson.

Prerequisite.—Two classes in History.

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

If possible students ought to read a narrative account of the period before taking the class. For this purpose the following books are recommended.

J. M. Thompson: *The French Revolution* and either A. Fournier: *Napoleon I* or J. H. Rose: *The Life of Napoleon I*.

6. **England under the Tudors.**—(1949-50, and in alternate years).
M. and W. at 2.30 p.m. A. S. Walker.

Prerequisite.—Two classes in History.

7. **The Fourteenth Century.**—(1948-49, and in alternate years).
M. and W. at 2.30 p.m. A. S. Walker.

Prerequisite.—Two classes in History.

8. **History of Canada to 1837.**—(1949-50, and in alternate years).
Tu. and Th. at 10 a.m. J. P. Heisler.

Prerequisite.—History 1.

9. **History of Canada since 1837.**—(1948-49, and in alternate years).
Tu. and Th. at 10 a.m. J. P. Heisler.

Prerequisite.—History 1.

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

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

Prerequisite.—History 8 or 9.

11. **History of the United States to 1865.**—(1948-49). *M., W. and F. at 10 a.m.* J. P. Heisler.

Prerequisite.—History 1.

12. **History of the United States since 1865.**—(1949-50). *M. and F. at 10 a.m.* J. P. Heisler.

Prerequisite.—History 1.

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

14. **Renaissance and Reformation.**—(1948-49). *M., W. and F. at 2.30 p.m.* J. P. Heisler.

Prerequisite.—Two classes in History.

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

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

Church History: see **Divinity**

Latin: see **Classics**

LAW

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

Students seeking the degree of Bachelor of Commerce are required to take one class in Law.

Mathematical Physics: see **Physics**

Mathematics

Professor
Associate Professors J. G. Adshead, Charles Walmsley.
Lecturers H. Edwards-Davies, H. S. Heaps, I. A. MacLennan.

1. **Elementary Mathematical Analysis.**—*M., W. and F. at 10 a.m.; M., W. and F. at 11 a.m.; Tu., Th. and S. at 10 a.m.*
J. G. Adshead, H. Edwards-Davies, I. A. MacLennan.

Prerequisite.—Matriculation Algebra and Geometry.

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

Text Book: *Mimeographed Notes.*

2. **Calculus.**—(1) *M., W. and F. at 11 a.m.*; (2) *M., W. and F. at 9 a.m.*; (3) *M., W. and F. at 10 a.m.*
C. Walmsley, H. S. Heaps, I. A. MacLennan.

Prerequisite.—Mathematics 1.

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

Text Book: Granville, Smith and Longley: *Differential and Integral Calculus* (1941), Chapters I-XV.

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

Prerequisite.—Mathematics 2.

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

Text Books: Granville, Smith and Longley: *Differential and Integral Calculus* (1941), Chapters XVI-XXII. Walmsley: *Mathematical Analysis.*

4. **Geometry.**—*M. and W. at 10 a.m.* H. S. Heaps.

Prerequisite.—Mathematics 2.

The geometrical aspects of Calculus, with particular reference to three-dimensional ideas and applications to Geometry, Mechanics and Physics, and including quadric surfaces, partial differentiation, multiple and line integrals, Green's theorem, etc.

Text Books: Granville, Smith and Longley: *Differential and Integral Calculus.* Osgood: *Advanced Calculus.* Burington and Torrance: *Higher Mathematics.*

34. *Tu., Th. and S. at 11 a.m.* J. G. Adshead.

Prerequisite.—Mathematics 2.

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

Text Book: Granville, Smith and Longley: *Differential and Integral Calculus.*

Senior Classes

These classes are intended for candidates for Honours in Mathematics, candidates for Honours in allied subjects (e.g. Physics), and for those wishing to take mathematical work in their third or fourth year in the ordinary course in Arts or Science. They are also designed to serve as introductory course for those who may afterwards undertake post-graduate work in Mathematics. Mathematics 3 and 4 are prerequisite. Each class meets two hours per week, at times to be arranged.

5. **Theory of Functions of a Complex Variable.**—(1948-49).
C. Walmsley.

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

Text Books: Titchmarsh: *Theory of Functions.* Goursat: *Cours d'Analyse.* t. 2 Knopp: *Funktionentheorie.* MacRobert: *Functions of a Complex Variable.* Works by O good, Caratheodory, Whittaker and Watson, Pierpont, Bieberbach.

7. **Theory of Functions of a Real Variable.**—(1949-50).
C. Walmsley.

Elements of sets of points, convergence of double and simple series, summation of divergent series, Fourier series, Lebesgue integration.

Text Books: Titchmarsh: *Theory of Functions.* Knopp: *Unendliche Reihen.* Hardy and Rogosinski: *Fourier Series.* Tonelli: *Serie Trigonometriche.* Works by Hobson, Borel, Zygmund, Lebesgue, Saks, Hardy, Newman, Graves.

12. **Differential Equations.**—(1949-50). J. G. Adshead.

This course will take up the work of differential equations as begun in Mathematics 3 and will mainly discuss ordinary differential equations, and, in particular, linear equations. Surface and volume integrals will be treated in more detail than in Mathematics 4, Laplace's equation will be discussed and solutions found of the equations of Bessel and Legendre.

Text Books: Piaggio: *Differential Equations.* Ince: *Ordinary Differential Equations.* Poole: *Linear Differential Equations.* Agnew: *Differential Equations.* MacRobert: *Spherical Harmonics.* Hobson: *Spherical and Ellipsoidal Harmonics.* Gray and Mathews: *Treatise on Bessel Functions.*

*3 and *4. These are the third and fourth year classes presented on page 38 for Honours students in Mathematics.

If required, other classes may be arranged, such as Mathematics 8, 9 and 10 below. Students wishing to attend any class of this nature should consult the Department of Mathematics.

6. **Projective Geometry.** J. G. Adshead

Text Book: Graustein: *Introduction to Higher Geometry.* Books by Young, Veblen and Young

8. **Differential Geometry of Curves and Surfaces.**

Text Book: Graustein: *Differential Geometry.* Books of reference by Vallee-Poussin, Goursat, Darboux, Eisenhart.

9. **Selected topics in Modern Analysis.**

10. **Non-Euclidean Geometry.**

Seminar.—*F. at 3.30 p.m., or time to be arranged.*

Special consideration of topics suggested in advanced courses, or in independent reading, including the reading of papers by students. The Seminar should be attended by all students taking any of the above Senior classes.

Mechanics: see **Engineering**

Medicine

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

Modern Languages

<i>Professors</i>	Lothar Richter, Germaine Lafeuille.
<i>Associate Professor</i>	C. H. Mercer.
<i>Lecturer</i>	Lucie Joly.
<i>Special Lecturer</i>	Johanna Richter.
<i>Instructor in French</i>	H. F. Aikens.

French

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

To those who have had no opportunity to acquire a correct pronunciation, the following book is recommended: William A. Nitze and Ernest H. Wilkins: *A Handbook of French Phonetics* (Henry Holt and Co., New York).

Elementary French.—*Tu. and Th. at 12 m. (provisionally), and at other hours to be arranged.*

For students who have not had an opportunity to complete their preparatory study of French at school.

Text Books: *To be announced.*

1. (1) *Tu., Th. and S. at 9 a.m.*; (2) *Tu., Th. and S. at 10 a.m.*; (3) *Tu., Th. and S. at 11 a.m.* H. F. Aikens, L. Joly.

Prerequisite.—Matriculation French.

Text Books: *To be announced.*

2. **General Introduction to Literary and Daily French.**—(1) *M., W. and F. at 10 a.m.*; (2) *Tu., Th. and S. at 9 a.m. and 10 a.m.* G. Lafeuille

Prerequisite.—French 1.

This course is designed to develop ability to speak, understand and read French. Attention will be given to both practical and literary aspects of French.

3. **Oral and Written Self-expression and practice.**—*Tu. and Th. at 3.30 p.m.* L. Joly.

This course should be the next step for the students of French 2 who wish to carry on with oral and practical use of French as an ultimate objective.

Questions discussed in class: France: country, people and life; practical philosophy and attitude of the French. Convenient books and material will be chosen at the beginning of the year.

6. **General Survey of French Thought and Literature.**—*Tu. and Th. at 10 a.m.* G. Lafeuille.

This course is recommended to students interested in Literature as a useful introduction to more specialized classes. A comprehensive anthology of French texts will be used.

7. **Twentieth Century French Literature.**—*W., F. at 10 a.m.* L. Joly.

8. **Old French.**—*Hours to be arranged.* G. Lafeuille.

This class will be offered only for five or more students.

N.B.—French 3, 6, 7 will be conducted entirely in French. French 2 will be partly in English, partly in French.

9. The Renaissance in France. History of French Literature during the 16th Century.—*W. and F. at 9 a.m.* G. Lafeuille

General Phonetics.—*Two lectures a week. Hours to be arranged.* H. F. Aikens.

Prerequisites.—University classes in two modern languages (a class in English dealing with linguistic problems may be offered as part of this requirement.)

Of interest to those wishing to specialize in problems of pronunciation, particularly those who plan to teach a language. The course includes a study of the vocal organs; description and classification of speech sounds in general, with special attention, if desired, to certain sounds peculiar to French, Spanish, German and English; and familiarization with the use of phonetic symbols.

German

A.—(1) *M., W. and F. at 11 a.m.*; (2) *Tu., Th., S. at 10 a.m.*; (3) *Tu., Th., S. at 11 a.m.* J. Richter.

For students who have not had an opportunity to complete Matriculation German in school. Students who enter this class with credit for complete matriculation including two foreign languages may count a pass as credit towards a degree.

1. *Hours to be arranged.* J. Richter.

Prerequisite.—Matriculation German.

This course is designed to familiarize the students with spoken and written German. Short pieces of German Literature will be read.

2.—*Tu., Th. and S. at 9 a.m.* J. Richter.

Prerequisite.—Matriculation German.

This course is meant to develop facility in reading, writing and speaking German. A general introduction to German Literature will be given.

Supplementary reading for Distinction will be arranged individually.

3. **Science Reading.**—*T. and Th. at 12 a.m.* L. Richter.

Prerequisite.—German A or 1, or equivalent reading knowledge of German.

This course is designed to enable science and pre-medical students to use scientific texts.

4. *M., W. and F. at 10 a.m. or at hours to be arranged.* J. Richter.

Prerequisite.—German 2 or equivalent.

This course should be taken by students who wish to develop ability to speak German and to understand the spoken word. A collection of short stories will be read as examples of literary movements. Short essays will be written.

Supplementary reading for Distinction will be arranged individually.

5. German Literature in the XVIIIth Century.—(1949-50). *Hours to be arranged.* J. Richter.

Prerequisite.—German 2, or equivalent.

Poetry, prose and drama will be read. Among the dramas there will be: Lessing: *Nathan der Weise*. Goethe: *Faust*. Schiller: *Wallenstein*.

Supplementary reading for Distinction will be arranged individually.

6. German Literature in the XIXth Century.—(1950-51). *Hours to be arranged.* J. Richter.

Prerequisite.—German 2, or equivalent.

Of the dramatists of that period Kleist and Hebbel will be read, and of the novelists and lyricists, Stifter, Storm, Raabe, Gottfried Keller, Conrad Ferdinand Meyer, Fontane.

Supplementary reading for Distinction will be arranged individually.

7. German Contemporary Prose.—(1948-49). *Hours to be arranged.* J. Richter.

Prerequisite.—German 2, or equivalent.

Novels of Thomas Mann, Hermann Hesse, Hermann Stehr, Heinrich Carossa, Hans Grimm, Stefan Zweig and others will be read.

Supplementary reading for Distinction will be arranged individually.

8. German Mediaeval Literature.—(1949-50). *Hours to be arranged.* J. Richter.

The course will be given only if a sufficient number of students offer.

Prerequisite.—German 2, or equivalent.

N.B.—German 5, 6, 7, 8 will be conducted entirely in German; German 1, 2 and 4 will be partly in English, partly in German.

Italian

1. *Three hours a week, M., W. at 2.30 p.m.*

Prerequisite.—Elementary Latin or Latin 1 and one Romance Language (French or Spanish).

Books: *To be announced.*

Russian

Elementary Russian.—*M., W. and F. at 4.30 p.m. and another hour to be decided.* I. Coffin, A. K. Griffin.

This class is intended for those beginning the study of the Russian language. It may be counted as a credit towards a degree by those students who enter it with complete matriculation standing.

Text Books: Semeonoff: *A New Russian Grammar, A First Russian Reader* (J. M. Dent & Sons, London, and E. P. Dutton & Co., New York).

Russian 1.—Three hours a week, times to be arranged.

Prerequisite.—Elementary Russian.

Selections from Russian Authors, Russian Grammar, Russian Composition, Russian Conversation.

Text Books: Semeonoff: *A New Russian Grammar*, (J. M. Dent & Sons, London, and E. P. Dutton & Co., New York). G. Z. Patrick: *An Elementary Russian Reader, An Intermediate Russian Reader*, (Sir Isaac Pitman & Sons (Canada) Ltd.).

Scientific Russian.—*M., W. and F. at 3.30 p.m.*

This class is intended for those beginning the study of Russian, who wish to read scientific articles as quickly as possible. It is expected that with steady application they will be able to do so, with the aid of a dictionary, in a single academic year.

Text Books: A grammar to be prescribed. *Elementary Scientific Russian Reader* (Znamensky, Sir Isaac Pitman & Sons (Canada) Ltd.).

Higher work in Russian may be arranged by consultation with the instructor.

Spanish

Spanish Matriculation.—*Tu., Th. and S. at 10 a.m.* C. H. Mercer.

Text Books: House and Mapes: *Shorter Spanish Grammar* (Ginn). Forrester and Lloy: *Vamos a Mexico* (Heath). Castillo and Sparkman: *Sigamos Leyendo* (Heath). Spanish Work Book.

Spanish 1A.—(1) *M., W. and F. at 9 a.m.* C. H. Mercer.
(2) *M., W. and F. at 10 a.m.*

Prerequisite.—Complete matriculation standing including two foreign languages. Spanish 1A covers matriculation Spanish with sufficient additional work to give credit for a University class towards a degree.

Text Books: Leslie: *Spanish for Conversation* (Ginn). *Sigamos Leyendo* (Heath). *Buena-ventura* (Heath). *Spanish American Short Stories* (Macmillan). Spanish Work Book.

1. *Tu., Th. and S. at 9 a.m.* C. H. Mercer.

Prerequisite.—Matriculation Spanish.

Text Books: *Spanish for Conversation* (Ginn). *Spanish American Short Stories* (Macmillan) Spanish Work Book.

2. *Tu., Th. and S. at 11 a.m.* C. H. Mercer.

Prerequisite.—Spanish 1A or Spanish 1.

Text Books: LaGrone: *Conversational Spanish* (Hoit). Camba: *La Rana Viajera* (Heath) *Cuentos Alegres* (Heath). Spanish Work Book.

3. (1948-49). *W. and F. at 4.30 p.m.* C. H. Mercer.

Prerequisite.—Spanish 2.

Text Books: Crawford: *Un Viaje por Espana*. Luria: *Correspondence Commercial* (Silver, Burdett). Wilkins: *An Omnibus of Modern Spanish Prose*. *Linguaphone Conversational Course: Spanish*. *La Prensa* (Spanish newspaper).

4. (1949-50). *W. and F. at 4.30 p.m.* C. H. Mercer.

Prerequisite.—Spanish 2.

Text Books: Rivera: *Libro de Temas Castellanos* (Heath). Luria: *Correspondence Comercial* (Silver, Burdett). Lundeberg: *Lobos de Mar* (Crofts). Wilkins: *Antologia de Cuentos Americanos* (Heath).

5. History of the Spanish Language.—Hours to be arranged.
C. H. Mercer

Text Books: R. Menendez Pidal: *Manual de gramatica historia espanola. Poema de mio Cid*, Clasicos castellanos, Madrid, 1924. Berces: *Milagros de nuestra senora*. Clasicos castellanos. Madrid, 1922.

Additional for Distinction: C. H. Grangent: *An Introduction to Vulgar Latin*. Old Spanish Readings (J. D. M. Ford).

Music

Lecturer..... Harry Dean.

Music 1.—Harmony and Analysis of Musical Form 1—Lecture periods by arrangement.

Music 2.—History of Music, Appreciation of Music, Public School Music. Sight-singing and Ear-training.—*Tu., W. and F., at 12 a.m. to 1 p.m.*

These classes are given only if a sufficient number of students apply for them.

Philosophy

Professors..... H. L. Stewart, F. H. Page.
Assistant Professor..... G. P. Grant.

1. Introduction Philosophy and Psychology.—*Tu., Th. and S. at 9 a.m.*
G. P. Grant, F. H. Page.

Text Books: Philosophy: Livingstone: *A Portrait of Socrates*. Sinclair: *An Introduction to Philosophy*. Psychology: Munn: *Psychology*.

2. Plato and Aristotle.—(1949-50). G. P. Grant.

Prerequisite.—Philosophy 1.

3. Ancient Philosophy from Aristotle to St. Augustine.—(1948-49). *Tu. and Th. at 10 a.m.* F. H. Page.

Prerequisite.—Philosophy 1.

4. Mediaeval Philosophy.—(1949-50). G. P. Grant.

Prerequisite.—Philosophy 1.

5. Modern Philosophy since Descartes.—(1948-49). *Tu. and Th. at 11 a.m.* G. P. Grant.

Prerequisite.—Philosophy 1.

This course is for general students interested in philosophy and will review the rise of modern science and the effect of that rise on the philosophic ideas of the modern world.

6. English Philosophy in 17th and 18th Centuries.—(1949-50). *Tu. and Th. at 10 a.m.* F. H. Page.

Prerequisites.—Philosophy 1.

7. Philosophy of History.—(1948-49). *W. and F. at 11 a.m.* G. P. Grant.

Prerequisite.—Philosophy 1 and a course in History.

This course is particularly for students interested in history. It will attempt to show the attitude of men in different ages to the meaning of history. It will especially concentrate on the modern philosophical syntheses of history ade by Marx, Spengler and Toynbee.

8. **Logic and Scientific Method.**—(1949-50). G. P. Grant.

Prerequisite.—Philosophy 1.

*9. **The Philosophy of Kant.**—(1948-49). *W. and F. at 3.30 p.m.*
G. P. Grant.

For Honours and M.A. students. Other students may be admitted with the permission of the instructor.

*10. **Problems of the Self.**—(1949-50). F. H. Page.

For Honours and M.A. students. Other students may be admitted with the permission of the instructor.

11. **Philosophic Ideas in Literature.**—(1948-49). *W. and F. at 2.30 p.m.*
H. L. Stewart.

Prerequisite.—Philosophy 1 or English 1.

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

12. **Philosophy of Religion.**—(1948-49). *Hours to be arranged.*
H. L. Stewart.

Prerequisite.—Philosophy 1.

13. **Twentieth Century Philosophical Systems.**—(1948-49). *Hours to be arranged.*
H. L. Stewart.

Prerequisite.—Philosophy 2 or 6 or 10.

This will include study of Henri Bergsen, William James, G. E. Moore and James Ward, especially in their critical relation to nineteenth century thoughts.

Psychology

Professor..... F. H. Page

1. **General Psychology.**—See Philosophy 1.

2. **Social Psychology.**—(1949-50). *M. and W. at 10 a.m.*

Prerequisite.—Philosophy 1.

Text Books: Klineberg: *Social Psychology*. Committee on the Teaching of Social Psychology of the Society for the Psychological Study of Social Issues: *Readings in Social Psychology*.

3. **Child Psychology.**—(1948-49). *M. and W. at 9 a.m.*

Prerequisite.—Philosophy 1.

Text Books: Brooks: *Child Psychology*. Gesell and Ilg: *Infant and Child in the Culture of To-day*. Gesell and Ilg: *The Child from Five to Ten*.

4. **Abnormal Psychology.**—(1948-49). *M. and W. at 10 a.m.*

Prerequisite.—Philosophy 1.

Text Books: Maslow and Mittlemann: *Principles of Abnormal Psychology*. Klein: *Mental Hygiene, the Psychology of Personal Adjustment*.

5. **Problems of the Self.**—See Philosophy 10.

6. **History and Systems of Psychology.**—Not given 1948-49.

Physics

Professors..... J. H. L. Johnstone (Head of Dept.), G. H. Henderson,
W. J. Archibald.

Assistant Professor..... E. W. Guptill.

Lecturers.....
MacGregor Teaching Fellows.. D. H. Rogers, A. T. Stewart, D. W. Wylie.
Demonstrators..... C. K. Hoyt, A. M. Croft, E. S. Warren, R. E. Banks.

Physics 1 and 2 are first courses in Physics, and no student is permitted to include both for a degree. Physics 1 is intended for Arts and Science students, and for those intending to proceed to the study of Medicine and Dentistry. Physics 2 must be taken by all Engineering students. It should be taken by students in Arts and Science who intend to major in Mathematics, Physics or Chemistry.

1. **General Physics.**—*Lect.: M., W. and F. at 11 a.m. Lab.: Three hours per week.*
W. J. Archibald.

Prerequisite.—Matriculation Trigonometry or Mathematics 1, which may, however, be taken at the same time.

Text Books: Stewart: *Physics, 4th Edition*.

2. **Mechanics, Hydrostatics, Heat, Light and Sound.**—*Lect.: M., W. and F. at 10 a.m. Lab.: W. or F., 2.30 to 5.30 p.m.* J. H. L. Johnstone.

Text Book: Kimball: *College Physics, 5th Edition*.

3. **Electricity and Magnetism.**—*Lect.: Tu., Th. and S. at 9 a.m. Lab.: W. or F., 2.30 to 5.30 p.m.*
J. H. L. Johnstone.

Prerequisite.—Physics 1 or 2, and Mathematics 2, which may, however, be taken at the same time.

Text Book: Kimball: *College Physics, 5th Edition*. Brown: *Electricity and Magnetism*.

4. **Heat and Light.**—*Lect.: M., W. and F. at 9 a.m. Lab.: Tu., 2.30 to 5.30 p.m.*
E. W. Guptill.

Prerequisite.—Physics 1 or 2 and Mathematics 2, which may, however, be taken at the same time.

6. **Electricity and Magnetism.**—*Lect.: Tu. and Th. at 10 a.m. Lab.: M., 2.30 to 5.30 p.m., or to be arranged.*
G. H. Henderson.

Prerequisite.—Mathematics 2, Physics 3.

5. **7. Optics and Thermodynamics.**—*Lect.: M. and W. at 11 a.m. Lab.: Th., 2.30-5.30 p.m.*
J. H. L. Johnstone.

Prerequisite.—Mathematics 2 and Physics 4.

5.9. Optics and Principles of Radio.—*Lect.: M. and W. at 11 a.m. Lab.: Th., 2.30-5.30 p.m.*
J. H. L. Johnstone, E. W. Guptill.

Prerequisite.—Mathematics 3 (which may be taken at the same time), Physics 4 and Physics 6.

7.10. Acoustics and Thermodynamics.—*Two hours lectures and three hours laboratory.*
J. H. L. Johnstone, W. J. Archibald.

Prerequisite.—Mathematics 3, Physics 3 and 4.

9.10. Acoustics and Principles of Radio.—*Two hours lectures and three hours laboratory.*
E. W. Guptill, W. J. Archibald.

Prerequisite.—Mathematics 3, Physics 3 and 4.

8. Modern Physics.—*Two hours lectures and one laboratory period.*

Prerequisite.—Two classes in Physics. G. H. Henderson.

Book Recommended: Stranathan: *Particles of Modern Physics.*

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

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

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

14. Mechanics. W. J. Archibald.

Prerequisite.—Mathematics 2 and Physics 2.

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

Books Recommended: Lamb: *Statics; Dynamics.*

15. Advanced Mechanics. W. J. Archibald.

Prerequisite.—Physics 14.

A continuation of the previous class.

16. Introduction to Mathematical Physics. G. H. Henderson.

Prerequisite.—Mathematics 3 and Physics 6.

17. Mathematical Physics. G. H. Henderson.

Prerequisite.—Physics 16.

Book Recommended: Slater and Frank: *Introduction to Theoretical Physics.*

18. Quantum Theory. G. H. Henderson.

Prerequisite.—Physics 7 and 14.

19. Advanced Electricity and Magnetism. G. H. Henderson.

Prerequisite.—Physics 16.

Book Recommended: Jeans: *Electricity and Magnetism.*

Seminar and Journal Club.—*Th. at 12 noon.*

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

Physiology: see **Biology**

Political Science

Professor L. M. Read.
Assistant Professor —
Special Lecturer Richter

1. Government in the British Commonwealth.—*M., W. and F. at 3.30 p.m.*

An introductory course covering the evolution of British political institutions and the British Commonwealth of Nations; the Government of Canada in comparison with other democratic systems; the elements of democratic government.

2. International Relations and Problems.—*M., W. and F. at 12 m.*

Prerequisite.—Two of Political Science 1, Economics 1, History 1, 4.

Survey of international relations since 1914; foreign policies of the great powers; the British Commonwealth in world affairs; analysis of dynamic factors in international relations such as nationalism, industrialism, imperialism; experiments in international organization; problems of post-war organization.

3. Federal, Provincial and Municipal Government in Canada.—*(1949-50). M. and W. at 10 a.m.* L. Richter.

Prerequisite.—Two of: Political Science 1, Economics 1, History 1, History 4.

Legal background, form and functions of the three governments and their inter-relations, with special reference to the Maritimes.

Books Recommended: Clokie: *Canadian Government and Politics.* Scott: *Canada To-day.* Goldenberg: *Municipal Finance in Canada.*

4. Principles of Public Administration.—*(1948-49). Hours to be arranged.* L. Richter.

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

A seminar dealing with problems of administration in governmental agencies on the federal, provincial and municipal level.

5. Modern Political Theory.—*M. and W., at 2.30 p.m.*

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

A study of the principal political thinkers since Machiavelli.

Honour and M.A. Courses

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

The following seminar courses are intended primarily for Honor and M.A. students, but may be taken by other students with the consent of the instructor. No student should register for these courses without the consent of the instructor. One course will be offered, at hours to be arranged, selection of the course depending on student interest and needs.

10. The Constitution and Government of Canada.

Intensive study of the Canadian federal system with special attention to certain selected problems.

11. The British Commonwealth and Empire.

Constitutional development based largely on documentary sources; present problems of intra-Commonwealth relations; India; problems of the dependent Empire.

12. Canada's External Relations.

The development of External Policy; domestic basis of foreign policy, institutional arrangements for the conduct of external affairs; defence, foreign and commercial policies in the light of the post-war situation.

13. Political Theory.

An advanced course covering Plato, Aristotle, Roman political theory, and modern political thinkers not covered in Political Science 5.

For students whose interests are in the field of public administration arrangements may be made to take the following courses, in whole or in part, given in the Law School:

Constitutional Law.
Legislation and Administrative Law.
International Law.

Psychology: see **Philosophy**

Russian: see **Modern Languages**

Spanish: see **Modern Languages**

Sociology: see **Economics**

Zoology: see **Biology**

CALENDAR

OF THE

UNIVERSITY

OF

KING'S COLLEGE

(Founded A. D. 1789)

(In Association with Dalhousie University)

HALIFAX, NOVA SCOTIA

1949-50.

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