



# CALENDAR

OF THE

## University of King's College

(Founded A. D. 1789)

HALIFAX, NOVA SCOTIA

1955-1956

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167th SESSION

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Published under the direction of the  
Board of Governors

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## University Almanac 1955-1956

1955

- Aug. 15 M.—Last day for receiving applications\* for Fall Supplemental Examinations.
- Sept. 24 S.—Matriculation and Supplemental Arts and Science Examinations†† begin.  
—9.30-12.30 a.m., Latin; German.§  
—2.30-5.30 p.m., English.
- 26 M.—9.30-12.30 a.m., French; Greek.§  
—2.30-5.30 p.m., Physics.
- 27 Tu.—9.30-12.30 a.m., Geometry.  
—2.30-5.30 p.m., Chemistry.
- 28 W.—9.30-12.30 a.m., Algebra.  
—2.30-5.30 p.m., Trigonometry; History.§
- 26 M.—Registration (and payment of Fees) begins in Faculties of Arts and Science, Divinity and Journalism. The only regular registration day for New Students from Halifax and Dartmouth.
- 27 Tu.—Registration begins for other New Students in Faculty of Arts and Science.
- 28 W.—Registration begins for other than New Students in Faculty of Arts and Science.
- Oct. 1 S.—12 Noon. Regular Registration† Period for students in Arts and Science, Divinity and Journalism ends. Halifax students will not be registered on this day.
- 2 S.—University Service with Special Preacher.
- 3 M.—Results of Matriculation and Supplemental Examinations declared.  
—9 a.m. Classes begin in Arts and Science.
- 4 Tu.— Meeting of Faculty of Arts and Science.
- 10 M.—12 Noon. Registration in Arts and Science ends.  
—Last day for change of courses in Faculty of Arts and Science.§§
- 10 M.—Thanksgiving Day. No classes (if statutory holiday).
- Nov. 11 F.—Remembrance Day. No classes (if statutory holiday).

\*Fee must accompany application for examination. If a late application is accepted 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 candidates.

§§Charge of \$1.00 for changing course after this date. For classes cancelled after this date see p. 31.

- Dec. 10 S.—Last day of lectures in classes in which Christmas Examinations are held.
- 13 Tu.—Christmas Examinations begin.
- 20 Tu.—1.00 p.m. Christmas vacation begins.

1956

- Jan. 3 W.—9 a.m. Classes resumed.
- Mar. 13 Tu.—Munroe Day. No classes.
- 30 F.—Good Friday. No classes.
- 20 F.—Last day of classes.
- 23 M.—Spring Examinations begin.
- May 10 Th.—Encaenia Day. King's Convocation—Divinity and Journalism.
- 10 Th.—11 a.m. Meeting of Faculty of Arts and Science.
- 15 Tu.—10.00 a.m. Meeting of Senate.
- 17 Th.—2.30 p.m. Dalhousie Convocation. Arts and Science Session ends.

††For time table, see Notice Board.

### Office Hours

The King's College Office hours are: Week days 9-5, Saturdays 9-1; except June, July and August, 9.30-4.30. The office is closed on Saturday during June, July and August.



## Officers of the University

### PATRON

The Most Reverend the Lord Archbishop of Canterbury and Primate of  
of all England.

### VISITOR

The Right Reverend the Lord Bishop of Nova Scotia.

### CHANCELLOR

The Hon. Ray Lawson, O.B.E., LL.D., D.Cn.L., D.C.L.

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## Alumni Association

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Rev. H. E. Dysart, B.A., M.S.Litt.	Halifax, N. S.
Rev. W. E. Jefferson, B.Sc.	Granville Ferry, N. S.
Rev. E. B. N. Cochran, B.A., L.Th.	Halifax, N. S.
A. W. Cunningham, M.A., D.Cn.L.	Bedford, N. S.
G. R. K. Lynch, B.A., LL.B.	Halifax, N. S.
Rev. J. J. Alexander, B.A., D.Cn.L.	Moncton, N. B.
Judge J. L. Crowe, LL.B.	Truro, N. S.
Miss Marion Dauphinee, M.A.	Halifax, N. S.

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Hon. Senator C. G. Hawkins	Milford, N. S.
R. A. Ritchie, Q.C., B.A.	Halifax, N. S.
F. S. Taylor, B.A., LL.B.	Rothsay, N. B.

### EXECUTIVE COMMITTEE

The Right Reverend the Lord Bishop of Nova Scotia  
The Right Reverend the Lord Bishop of Fredericton  
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The Vice-President  
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Dr. W. L. Muir	Dr. J. F. H. Teed
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Mr. F. S. Taylor	Archdeacon W. E. Rydex
Mr. G. D. Stanfield	Rev. E. B. N. Cochran

### OFFICERS OF ADMINISTRATION

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Mrs. P. J. Power, B.Sc., (Dal.) Dean of Women.  
H. S. Granter, B.A., (Dal.), Librarian  
Miss Zaidée A. Harris, Assistant Librarian  
Mrs. J. S. Simonson, Assistant Librarian  
Mrs. Donald McRitchie, Supervisor of Domestic Staff

### REPRESENTATIVES ON DALHOUSIE'S BOARD OF GOVERNORS

Senator C. G. Hawkins                      R. A. Ritchie, Esq.

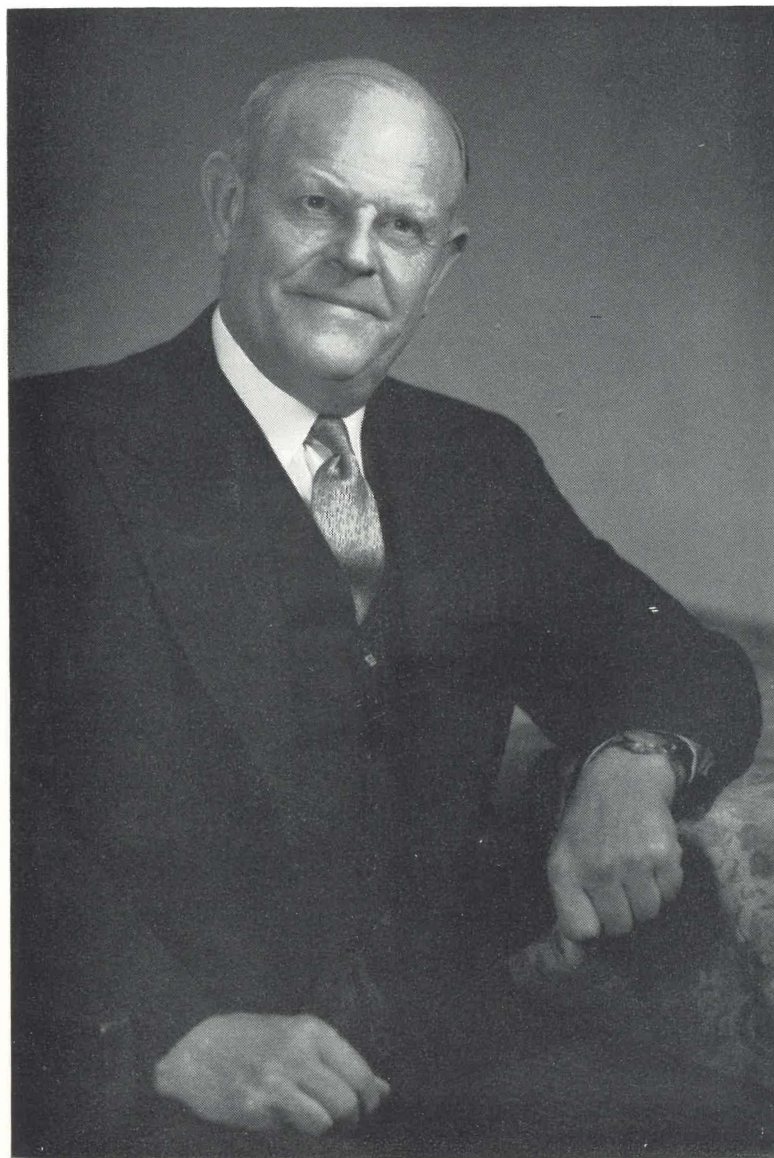
## University of King's College

### 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 King's carried on during this period through the kindness of Dalhousie University and Pine Hill Divinity Hall.

In 1954 after some years of careful negotiations, the original basis of association with Dalhousie was revised and new articles of association formally signed. These articles restored certain degree-conferring powers to King's, while placing the financial relationship of the two Universities on a more realistic basis.



THE HON. RAY LAWSON, CHANCELLOR

King's retains 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 and other Faculties not forming a part of Dalhousie.

#### 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 Diocese of Nova Scotia and Fredericton, the President of the University, the Vice-President 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.



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The University of King's College having entered an association with Dalhousie University, the students of Arts and Science in both institutions must satisfy the same entrance requirements.

All classes in Arts and Science 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 Studley 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.

**Students must provide their own blankets, sheets, pillow-slips 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 26, 1955, until the morning of December 20, 1955; and from the evening before the day on which lectures commence in January, 1956, to the morning after Encaenia Day, 1956; (in the case of students expecting to receive their degrees this time will be extended to the morning following Dalhousie Convocation).

### Hours

The full advantages of residence life can only be enjoyed where all residents conduct themselves with consideration for others, particularly with regard to noise during hours of study and sleep. Residents are expected to show discretion in the hours of returning to college and retiring to bed, and those who show persistent disregard for the interests of others in this respect will be disciplined.

For one month prior to the beginning of University examinations, quiet hours are in force in the residence throughout the day with the exception of 8-9 a.m., 1-2 p.m., 6-7 p.m. and 10.30 - 11.00 p.m.

### Guests

No one who is not a resident student or a member of the staff may be in College after midnight 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. Resident students are welcome to bring guests to the dining hall, but are required to pay for them.

### Intoxicants

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

### Fraternities

The various Societies and Clubs are all designed to fill the social and athletic needs of the students. The unique quality of life at King's revolves around the family atmosphere of a small united College. Membership in fraternities and other organizations unconnected with the College tends to break up this unity, and resident students are not encouraged to join them.

### 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

All students, divinity and lay alike, are encouraged to attend the daily morning and evening services in the College Chapel. On Sunday mornings, all are expected to attend the Chapel Service or some other service of their choice.

### Gowns

Students are required to wear academical costume at meetings of Convocation, at lectures, in Chapel, at Divinity lectures, at dinner in Commons Hall, at tutorials and other formal interviews with the Faculty, 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, light, etc., is from \$485.00 to \$515.00, depending on location of room. Students in residence must make a deposit of one hundred and fifty dollars at the beginning of the first term, the balance of the bills for the term to be paid in December when the account is rendered; a deposit of one hundred and fifty dollars at the opening in January; the balance for the year in April when the final account is rendered.

### Fee for Student Organizations

At the request of the King's student body, a fee of \$18.50 for men and \$14.50 for women is collected on enrolment from each student who takes more than one class. This fee entitles the student to the privileges of the various students' organizations and clubs, and a copy of the King's College RECORD.

### Caution Deposit

On enrolment each resident student is required to make a deposit of 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 usually during June. No refund in whole or in part will be made before that month.

Each year a student, on returning, is expected to settle for the previous year's deductions 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 Deans, resident professors, and Students' Council to see that order is maintained. Every professor or officer of the College is required to report any cases of improper conduct that may come



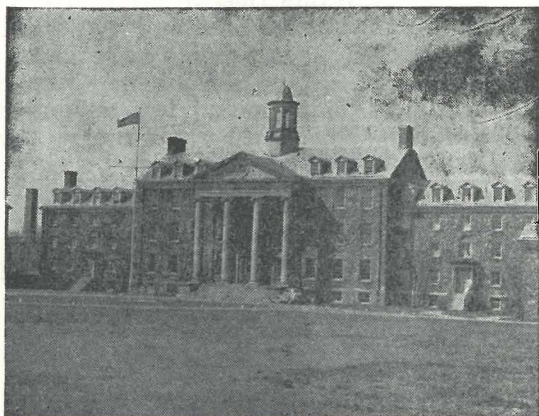
under his notice. Students conducting themselves in a unbecoming manner on or beyond the premises of the College during the session may be fined, suspended or expelled.

### 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 11 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 appear in person at registration and to enter their names in the Register annually, agreeing to obey all the regulations of the University already made or to be made, and to pay the required fees and deposits before entering any class or taking any examination. Students withdrawing from the University or intending to discontinue the work of any Arts or Science class must notify the Registrar.

### STUDENTS' HEALTH SERVICE

The Students' Health Service is located at the Dalhousie Public Health Clinic.

1. All students registering for the first time at the University are required to undergo a medical examination at the beginning of the session.
2. Appointments for these examinations will be made at the time of registration.
3. Annual examinations will be required on all students who are found on admission to be in a low medical category, also on students participating in major sports.
4. The Students' Health Service provides the following services:
  - (a) A medical examination at the beginning of the first year of registration.
  - (b) An annual medical questionnaire to be completed at the time of registration.
  - (c) An annual examination on all students who were placed in a low medical category in a preceding year.
  - (d) An X-ray examination of the chest is required of all students at the beginning of each session.

†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.

- (e) An annual examination will also be carried out on students who request it and may be required by the Students' Health Service if the medical questionnaire or previous health record indicates desirability.
  - (f) A medical service for minor ailments at the Dalhousie Public Health Clinic from twelve noon to one p.m. daily except Sundays. 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). In a student wishes advice in the matter of selecting a doctor he should telephone the Students' Health Service, 3-8438 (9 a.m. to 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 of 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 doctor's 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 account directly to D. V. A.
  - (g) Such medicines (except antitoxin sera, insulin or other unusual preparations) and dressings as may be prescribed.
  - (h) A free clinic for immunization against diphtheria, and smallpox (vaccination) is held every Wednesday at 2 p.m. at the Dalhousie Public Health Clinic.
5. The Service does **not** provide for the following:
- (a) Surgical operations other than in the Public Wards of the Victoria General Hospital.

- (b) Specialist's treatment other than those physicians to whom a student is referred by the Students' Health Service.
  - (c) Dental treatment.
  - (d) Physician's fee for attendance elsewhere than at the Dalhousie Public Health Clinic, except as stated in Section 4(f) hereof.
  - (e) Illness attributable to misconduct.
  - (f) Hospitalization except as stated in Section 4(i) hereof.
  - (g) Any other service not specified in Section 4 hereof.
  - (h) Obstetrics, and hospital rates connected therewith.
6. 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).
7. 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.
8. All students entering the University who cannot submit certificates of having been successfully vaccinated against smallpox shall be required to submit to vaccination.
9. Coverage under Students' Health Service is dependent upon the registration fee paid by the student as follows:
- (a) Students required to pay the full registration fee for taking two classes in the University are entitled to complete student health service as noted above with the exception of hospital benefits.
  - (b) Students required to pay the registration fee for taking two classes in the University are entitled to complete student health service as noted above with the exception of hospital benefits.
  - (c) Students required to pay the registration fee for taking one class in the University occasional classes and students in Pharmacy and Music tak-

ing no classes in the University are entitled to an annual health examination, and to attend the daily sick parade at the Dalhousie Public Health Clinic, but are not entitled to hospital service or for practical or consultant services.

### 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. Wilful infraction of this rule is subject to the penalty of a fine to be determined by the nature and duration of absence.

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

### Non-Academic Student Activities

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

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

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

### 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 11 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 the 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 Libraries

King's students have equal use of the Dalhousie Libraries as Dalhousie Students. For regulations and hours see the current Dalhousie calendar.

### Other Libraries

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

### Laboratory Deposits

A student taking a class involving laboratory work is required to make a deposit of fifteen dollars per class, with a maximum of thirty 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.

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

### Student Employment

The National Employment Service of Canada cares for part time employment of students during the session, applications for Summer whole time employment, and for permanent placement of graduates. In these matters it is assisted by the University. An official of the National Employment Service will be on the campus when necessary during the session. The regular office is at 4 Hollis Street, Halifax.

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

### Conferring of Degrees

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

By special permission 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

## SERVICES TRAINING

### University Naval Training Division

The University Naval Training Division constitutes Canada's chief source of supply of naval officers, both permanent and reserve. While students work towards a University degree, they have the opportunity of earning a commission in the Naval Service.

Weekly drills are held one evening a week during the winter and intensive training with generous pay is carried out in ships and establishments during the summer vacation period. Further details may be obtained from the Resident Staff Officer whose office is located in the Dalhousie University Gymnasium.

### Canadian Officers Training Corps

The Dalhousie-King's Universities Contingent of the Canadian Officers Training Corps provides an opportunity for any

male student, who is seventeen years of age and physically fit, to become a qualified officer in the Canadian Army (Active or Reserve).

Theoretical training during the academic year consists of one evening two-hour lecture per week. Practical phase training during the summer months offers a maximum of twenty-two weeks employment at a Corps School. Officer cadets receive full pay and allowances of a second lieutenant during this period. Transportation, room and board, and clothing are supplied at the Corps Schools.

Further details may be obtained from the C.O.T.C. office in the Dalhousie University Gymnasium.

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

The Reserve University Squadron provides officer training in the technical, non-technical, and air-crew branches of the Royal Canadian Air Force to male students who meet the R.C.A.F. standards and who are available for three summers of training before graduating from the University.

Cadets receive pilot officer's pay during the summer training period. Squadron lectures are held each Wednesday evening during the winter.

Further details may be obtained from the Resident Staff Officer whose office is in the Dalhousie University Gymnasium.

### Regular Officers Training Plan

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

### Children of War Dead (Education Assistance)

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

## Academic Staff

### KING'S FACULTY OF ARTS AND SCIENCE

1955 - 1956

Herbert L. Puxley, M.A. (Oxon. et Yale), D.D., (Trinity), L.Th. (Trinity)  
President, President's Lodge, King's University.

Arthur Kent Griffin, M.A., (Tor. et Oxon.), Ph.D., (Tor.), Vice-President.  
Professor of Classics and Head of Department, 4 Studley Avenue.

William Russell Maxwell, B.A., (Dal.), M.A., (Harv.), Professor of Eco-  
nomics and Head of Department. 68 Robie Street.

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

F. Hilton Page, M.A., (Tor.), Professor of Psychology and Head of De-  
partment. 13 Rockcliffe Street.

Frantisek Uhlir, Ph.D., (Prague), Associate Professor of Sociology.  
King's College.

C. L. Lambertson, M.A. (Alta. et Harv.), Assistant Professor of English,  
53 Lemarchant Street.

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

H. S. Granter, B.A., (Dal.), Lecturer in History, 80 Preston Street.

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

## Faculty of Arts and Science

The Academic Year begins Sept. 26, 1955, and ends May 15, 1956.

### 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 26 and 27.

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

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

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

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

For details of admission to the professional courses, see pages 28 and 29.

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.**

Occasional Students: Students who wish to take one University class because of their interest in it, may do so by paying the regular fee for the class plus \$9.00. This amount

is to be paid prior to attendance at the class. No class taken on these terms may be offered as a credit towards a degree, and no official transcript is to be issued unless an additional payment is made representing the balance of full charges applicable to a special student.

### 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 in (1) English, (2) Algebra, (3) Geometry, (4) a foreign language, (5) a second foreign language, (6) and (7), any two from History, Physics, Chemistry, Biology, Geology, Latin, Greek, French, German, Spanish, Russian.

**Note:** Since two foreign languages are required for all degrees (except music), 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, Spanish or German.

Students looking forward to honours or graduate work should confine their choice to French and German.

### SUBJECTS OF MATRICULATION

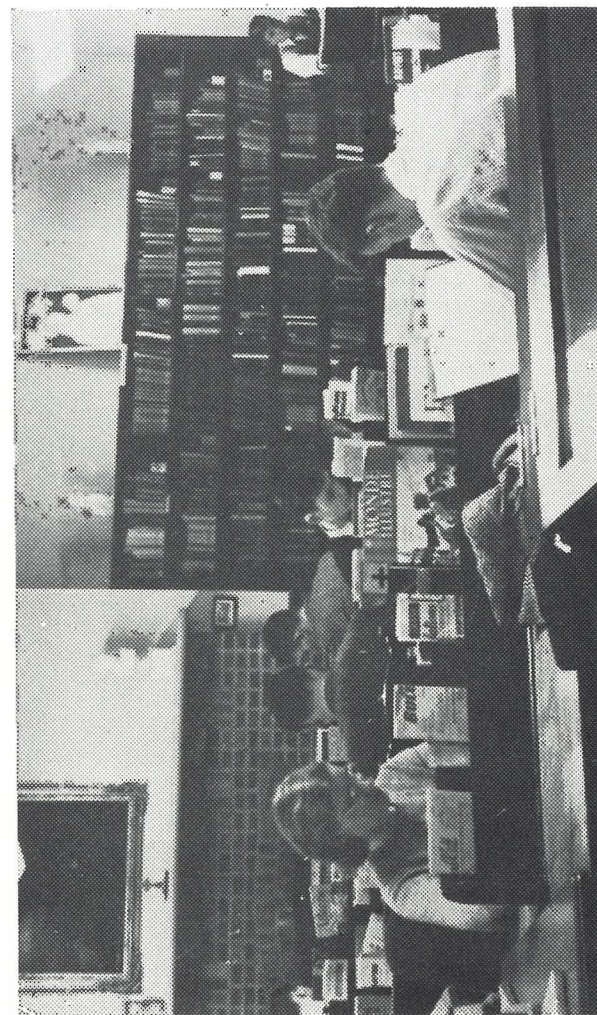
The Matriculation examinations will be held at the University from September 24 to 28, 1955. For the time table of the examinations, see page 4. Papers of three hours each will be offered on request in the following subjects\*:

English		Spanish
History (British, Ancient or Modern)	Greek Latin	Physics Chemistry
Algebra	French	Biology
Geometry	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 from outside the Maritime Provinces who wish to offer subjects other than those listed above should communicate with the Office of the Registrar.

† See page 25.



LIBRARY READING ROOM

Students who intend to write any of these examinations must apply to the Registrar's Office before September 14, 1955. §

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

### 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.**—"The Record of Mankind" (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.

**Greek.**—As under Latin.

The book prescribed is Xenophon: "Anabasis", Book I (Ch. 1-3).

**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.

See Nova Scotia Journal of Education, June issue, for prescribed texts—Grade XI.

Equivalent work will be accepted for Matriculation.

§Fee must be paid to the Business Office See page 33.

**French.**—As for Grade XI Provincial Examinations in Nova Scotia. Texts at present prescribed are: M. Dondo: "Modern French Course", Lessons 31 to 45. Forrest: "French Poetry", selections 36 to 70. Manley: "Eight French Stories" (the first six stories). Morneau: "Les Deux Sours". 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. Reading from Kastner: "Emil und die Detektive", and A. Wilhelmine: "Einer Muss Heiraten", complete. Equivalent work will be accepted.

**Spanish.**—Hills and Ford: "First Spanish Course" (Heath) to the end of Lessons XXXIV. "Sigamos Leyendo" (Heath), complete. "Adventures de Gil Blas" (Heath), Chapters 1-10 inclusive. Equivalent work will be accepted.

**Chemistry.**—The extent of knowledge expected is such as may be gained from any 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 "New Elementary Physics", by Millikan, Gale and Coyle.

**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 Atlantic Provinces.

(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 Registrar, King's College Halifax, N. S.

### ADMISSION WITH ADVANCED STANDING

#### On Grade XII (or XIII) certificates

Provided that a student has completed matriculation on Grade XI work, or the equivalent, exemption may be obtained from not more than five of the following University classes (which may be chosen from both groups):

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

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

Exemptions are granted only on the following conditions. For a subject in Group A a student must have obtained a mark of 50 per cent., or more on the Grade XII or XIII certificate:

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

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;

\*Grade XII Mathematics will not exempt students in Engineering from Mathematics 1 and Problems, but Grade XIII from Ontario will be accepted if it includes Algebra, Geometry and Trigonometry.

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



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

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

#### Special Matriculation Regulations for each Faculty

**Faculty of Law.**—Complete matriculation for Arts, Science or Commerce and the completion of ten regular classes in Arts, Science or Commerce.

At least ten regular and approved classes of the course for the degree of Bachelor of Arts or Science or Commerce comprising two classes in English, one class in a classical or modern language, one class in Mathematics, two classes chosen from History, Economics or Political Science; and four other classes satisfactory to the Registrar and to the Dean of Law.

#### 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 in Arts, Science or Commerce, and five university classes, or the equivalent thereof on a Senior Matriculation certificate.

Students presenting themselves for the first time to register in the Faculty of Law must submit to the Registrar their diplomas or certificates to establish their qualifications and these must prove acceptable before the student can be reg-

istered. Students are consequently advised to mail such certificates to the Register for appraisal as far in advance as possible.

**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 fifteen University classes.

(1) Ten of these are imperative: Chemistry 1, Chemistry 2, Chemistry 4, Biology 1, Zoology 2, Physics 1, Mathematics 1, English 1, English 2, History 1.

(2) Four others must be chosen from the Departments of English, Classics, History, Modern Languages, Philosophy, Psychology, Economics, Political Science and Mathematics.

(3) One class may be chosen from one of the Departments of Group (2) or it may be a Science Course.

**Faculty of Dentistry.**—Complete matriculation in Arts or Science, and the completion of the following ten University classes: English 1, Mathematics 1, Chemistry 1, 2, and 4, Physics 1, Biology 1, and Zoology 2, and two electives, which may be chosen from English 2, French 1, German 3, History 1, Philosophy 1.

#### Admission ad Eundem Statum

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

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

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

### AFFILIATED INSTITUTIONS

#### Prince of Wales College

Students who have completed the regular four year course of Prince of Wales College, Charlottetown, P.E.I., and who have graduated with standing equivalent to a High Honours Diploma, are admitted to the Arts and Science course without further examination, and may receive credit in classes of the first and second years to a maximum of ten. See also page 26.

#### 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 for the first and second years to a maximum of ten. Candidates for a degree are required to have completed matriculation.

#### Halifax Ladies College

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

### GENERAL FACULTY REGULATIONS

#### Admission to Classes

1. No Undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications (see p. 22 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, and should not be exceeded without permission of the Committee on Studies.
4. Any student, who at the Christmas examinations has not shown reasonable proficiency, may, at the discretion of the Faculty, be required to discontinue attendance at the University for the remainder of the session. Fees will not be reimbursed to such students.

#### Class Work and Attendance

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

1. All students are required to attend the classes of their prescribed courses regularly and punctually.
2. They must appear at all examinations, prepare such essays, exercises, reports, etc., as may be prescribed and, in case of a class involving field or laboratory work, complete such work satisfactorily.
3. In determining pass lists both the standing attained in prescribed class exercises and in field or laboratory work and that in the various examinations are taken into consideration. A candidate who fails to obtain a mark of at least 25 per cent. on the work of the session in any class shall lose credit for attendance in such class.
4. When the work of a student becomes unsatisfactory or his attendance irregular he will be reported to the Committee on Studies who may require him to discontinue attendance in the class or classes concerned and to be excluded from the examinations.
5. A candidate taking classes in another Faculty as part of an affiliated course must conform to the regulations of that Faculty.
6. After his first year of attendance (whether taken at Dalhousie or any other university), a student must pass in at least three classes per year in order to be allowed to return the following year. This will include supplemental examinations. Note:—Engineering students will be expected to do three-fifths of an ordinary year's work. No credit will be given for any classes taken at another university while the student is inadmissible at Dalhousie.
7. A student wishing to transfer from another university will not be admitted into the Faculty of Arts and Science if he has been refused readmission on academic grounds at the other university.
8. If a student is admitted from another university, he will only be given credit for classes equivalent to those offered by Dalhousie, if such would be credited to him at the other university.

## EXAMINATIONS

### Sessional and Class Examinations

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

### Class Lists

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

### Supplemental and Special Examinations

A student who fails to secure a position on the Pass List in a class, but who has otherwise fulfilled the requirements in class work stated on page 29, may be allowed the Supplemental examination in that class at the beginning of the next session of his attendance, on the day appointed in the University Almanac, provided that no student may write more than two supplemental examinations or an examination in any class in which he obtained a final mark below 25%. (This does not apply to elementary classes taken for matriculation purposes.) A student who fails to write or to pass the Supplemental examination can obtain credit for this class only by passing a Special\* examination.

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

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

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



A WINTER NIGHT

A student wishing to appear as a candidate at a Supplemental or Special examination shall be required to give notice of his intention to the Secretary of the Committee on Studies and Attendance on or before August 15, the fee (see p. 33) to be remitted with the notice.

Not more than 5 classes passed by supplemental examinations will be counted towards a degree. (This will apply to students entering for the session 1950-51 and subsequent years).

#### 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 Kings 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 and until these are paid the student will not receive credit for attendance upon any class nor be admitted to any examination. Students who, by December 1st, have not completed satisfactory arrangements regarding fees with the Business Office will not be permitted to sit for the Christmas examinations. An account of fees is given to the student at registration. Itemized invoices will be forwarded upon request.

#### FOR REGISTRATION\*

Payable by students taking only one class in the University (including Library Fee of \$5.00 but excluding Student Health Service) .....	\$ 31.00
Payable by students taking two classes in the University (including Library Fee of \$5.00) .....	53.00
Payable by occasional students taking only one class .....	9.00
Payable by students taking more than two classes .....	\$ 68.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day (maximum \$10.00)	2.00

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

## FOR TUITION

For each class not involving work in laboratory or draughting-room .....	\$ 35.00
For Education 1 .....	35.00
For laboratory classes in—Geology .....	55.00
“ “ “ “—Biology, Botany, Zoology .....	55.00
“ “ “ “—Physics, Chemistry .....	55.00
For changing course of study after October 10th .....	1.00

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

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

Up to and including October 10, 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, or from a class, before December 1 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 1, he will be allowed to take his classes a second time at half rates. Reduction in classes by action of the Faculty shall not be considered a valid reason.

A report must be made in writing to the Office of the Registrar in all cases of withdrawal from the University or from a class during a session, stating date and reason for withdrawal. No refund of tuition or residence fees will be considered unless the Business Office is also notified at the time of withdrawal.

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

For each class taken in excess of six classes in Arts and Science in any one year, the tuition fee will be reduced by \$5.00 per class.

## FOR EXAMINATIONS.

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

Matriculation examinations at the University (per candidate) ..	\$ 5.00
†Each supplementary examination in Arts or Science .....	12.00
†Each Special examination in Arts or Science .....	12.00
Matriculation examination at an outside centre (each extra) ...	5.00
*For remarking a paper .....	3.00

Application for remarking must be made in writing to the Registrar within three months of the date of examination.

## FOR CERTIFICATES AND DIPLOMAS

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

Certificates of standing—first copy no charge—additional copies, each .....	\$ .50
†B.A., B.Sc. Diplomas .....	10.00
Additional fee for any degree conferred in absentia at the Spring Convocation .....	10.00

Residence Expenses, see p. 13

Caution Deposit, see p. 13

Fee for Student Organizations, see p. 13

Laboratory Deposit, see p. 19

King's College Office Hours, see p. 5

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

\*Application for remarking must be made within 3 months of date of examination.  
†Payable before the final examinations, and returnable in case of failure.

## DEGREES AND COURSES

The courses for the degrees of Bachelor of Arts and of Science extend over four years. Candidates for these degrees may either follow the corresponding Ordinary course, or, if they have obtained sufficiently high standing in the work of the first two years, may in their third year enter upon a course leading to the degree of Bachelor of Arts or Science with Honours. (See pages 38 - 39).

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

- (A) Ordinary Degree.. (See below).  
 (B) Degree with Honours. See p. 38 - 39.

## (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. 37.

Biology	Latin	English
Botany	Greek	Biblical Literature
Zoology	French	*Geology
Histology	German	*History
Embryology	Spanish	*Mathematics
Physiology	Russian	*Physics
Chemistry	Economics	*Pol. Science
Biochemistry	Sociology	*Philosophy
		*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 classes chosen by students must be submitted for approval not later than Monday, October 10, 1955.

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, Russian or Spanish or one in any two of them.
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 and Psychology.
2	(d) History 1, Mathematics 1.	7	(d) Seven other classes, in not more than three of the departments of Science and Mathematics.
1	(e) One class in: Physics, Chemistry, Geology or Biology.	4	(e) Four elective classes.
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, Psychology 1, Sociology 1.		
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.		
3	(h) Three elective classes†		
	20		20

*See insert Dal  
 Calendar after p. 38  
 for changes*

†The Faculty strongly recommends that Philosophy 1 or Psychology 1 be included in these classes. The Faculty strongly recommends that all students take Religious Knowledge in the first year. See p. 43.

## 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 Registrar concerning the proper order of their classes.

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

## Affiliated Courses

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

**For Divinity.**—New Testament Greek, Biblical Literature, Church History 2, as conducted by the Divinity Faculty of King's College can be offered as the three electives referred to on page 41.

**For Law.**—The classes of the first year.

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

## Honour 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, (pp. 35-36) 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., B.Sc. degrees with Honours;
- (d) pass a comprehensive examination covering his Honour work at the end of his course;
- (e) make an average of not less than 65% in all his Honour classes. (This includes the five advanced classes, the two additional classes and the comprehensive examination at the end.)

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

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

Biology	Mathematics
Chemistry	Modern Languages
Classics	Philosophy
Economics and Sociology	Physics
English Language and Literature	Political Science
Geology	Psychology
History	

## OTHER COURSES

### Master of Social Work

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

### 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.

### Degree in Education

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

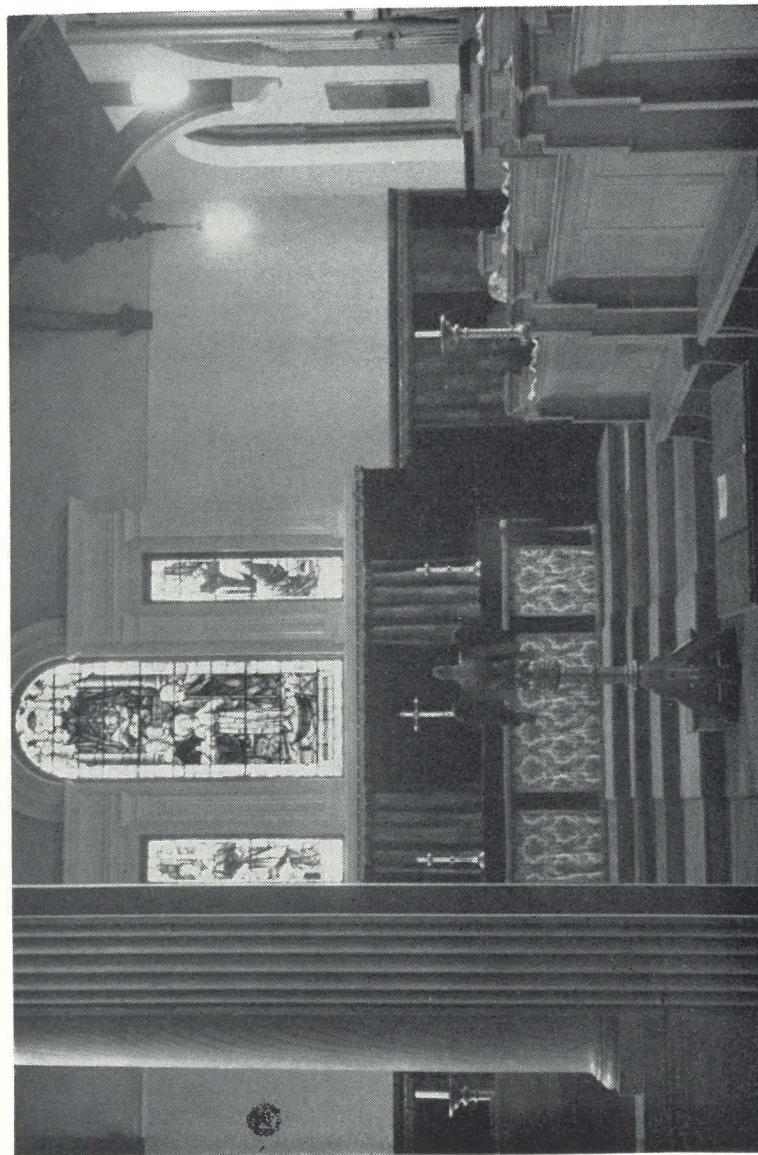
By arrangement with the Nova Scotia Department of Education, graduates in Arts and Science who have completed the course at Dalhousie University leading to a Degree in Education subsequent to receiving their degree in Arts or Science may receive a permanent High School Class License to teach in any public 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 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.



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



## School of Divinity

### DIVINITY FACULTY

Dean: Rev. Canon H. L. Puxley, M.A., (Oxon. et Yale) D.D. (Trinity) L.Th., (Trinity).

Prof. F. Hilton Page, M.A. (Tor.), Professor of Psychology.

Rev. C. W. F. Stone, B.A., B.D., (Vind.), Associate Professor in Liturgics.

Rev. J. B. Hibbitts, M.A., (Dal.), B.S.Litt. (Vind.), S.T.B.-S.T.M. (Gen. Theol. Sem., N.Y.) D.Phil. (Oxon.), Associate Professor in Biblical Literature and Church History.

Prof. Frantisek Uhlir, Ph.D., (Prague) Associate Professor of Sociology.

Rev. Canon W. W. Clarkson, B.S.Litt., (Vind.), Lecturer in Hebrew and New Testament Greek.

Edward Roberts, Esq., Lecturer in Diction and Voice Production.

### 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 (h) below, as part of the qualification for a degree. It is most desirable that Divinity Students should reside in the College and take their full share in the privileges and responsibilities of college life. Circumstances in certain cases may move the Divinity Faculty to allow non-residence for part of the course; but students receiving such permission must be prepared to come into residence for at least one full college year.

### COURSE FOR BACHELOR OF ARTS‡

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

- (a) Two classes in Greek or Latin.
- (b) One class in Latin, Greek or Hebrew.
- (c) Two classes in English.

‡Hebrew may now be taken as a language course.

\*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 Registrar.

- (d) History 1; Mathematics 1.
- (e) One class in either Physics, Chemistry, Geology or Biology.
- †(f) Two classes from: Economics 1, History, Latin 2, Mathematics 2, Philosophy 1, Political Science 1, Psychology 1, Sociology 1, or a Science.
- (g) Seven other classes to be taken in not over three of the departments as shown on page 36.
- (h) New Testament Greek, and Biblical Literature 1 or 2, Church History 2.
- (i) Religious Knowledge to be taken in the first year.

All Divinity Students and those looking forward to the study of Divinity will consult Professor Stone as to the choice and arrangement of their courses; then if approved by the Dean of Divinity, they will register in the Registrar's office on Saturday, October 1st. A medical examination by the General Synod physician is required for all new students.

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.

For those veteran 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 for veterans, followed by the Regular Divinity Course. Successful candidates will thereby qualify for the Diploma of Licentiate in Theology.

Other non-graduate students who wish to qualify for the Diploma of L.Th., must matriculate and complete a probationary year consisting of Religious Knowledge and Church History 2, and the following courses in Arts:—Elementary Greek, Sociology 1, Philosophy 1, and either English 1 or History 1. They must then take three years of Divinity, covering all the compulsory subjects in the syllabus.

Students in Arts looking forward to Divinity are advised to include in their curriculum the Divinity options noted in (h).

No Student may write more than three supplemental examinations. A student with more than three failures at the end of a year must repeat the whole year.

† Since Sociology 1 is required in the Divinity Course, Arts candidates are strongly recommended to include it as one of these two classes.

Education 1 is also strongly recommended.

**\*Probationary Year:**

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

### BACHELOR OF SACRED LETTERS

The Degree of Bachelor of Sacred Letters (B.S.Litt.) may be taken by Divinity students under the following conditions: The course consists of twenty approved classes in Arts and Science, followed by the complete Divinity course, which in the case of this degree must include three distinction courses. The twenty classes must include at least two in Latin, two in Classical Greek and two in Hebrew.

Students who have received the B.S.Litt., or other graduate students who have qualified for the Divinity Testamur, are in a position to proceed to the final examinations for the degree of B.D. under the General Synod Board of Examiners.

### COURSES

The complete Divinity Course consists of all courses not marked "See Distinctions."

**Religious Knowledge**—(Two hours a week).

To be taken in the first year by all students looking forward to Divinity. This course is designed to meet some of the problems faced by the college student in reconciling the old faith with the new learning. The course may be taken by other students, men and women, who desire to do so. It does not count as an Arts credit, and there are no fees.

**Greek Testament 1**—(Three hours a week), \*(Arts option).

Synoptic Gospels, and Introduction to Textual Criticism.

**Greek Testament 2**—(Two hours a week).

St. John and Acts.

**Greek Testament 3**—(Two hours a week). Pauline Epistles.

**Greek Bible 4**—Septuagint (Distinction).

### Biblical Literature

**English Bible 1 and 2**—\*(Arts Option).

An introduction to the English version, designated to provide a basis for future intelligent study of the Scriptures, by acquainting students with their contents, religious and literary values, and construction. A critical analysis of the various books, in the light of modern scholarship, will be undertaken.

**English Bible 1**—Old Testament—(Two hours a week).

**English Bible 2**—New Testament—(Two hours a week).

**English Bible 3.** (Two hours a week).

**Prerequisite**—English Bible 1.

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

The history and literature of Israel from earliest times to 63 B.C. including its early religious, political and cultural development, the theological ideas of the Hebrew prophets, the exile and its effects, and the religious concepts and practice of Judaism in the post-exile period.

**English Bible 4**—(Two hours a week).

Prerequisite—**English Bible 2**.

General introduction to New Testament times; the advent of Jesus Christ, the primitive church and its gospel, St. Paul's life and work, the synoptic gospels, Acts, Hebrews, Revelations, the Fourth Gospel, the Pastoral Epistles, the formation of the New Testament Canon, Manuscripts and Versions.

**English Bible 5**—(Distinction).

Aspects, biblical theology. Subject for 1955-56, Johannine Thought.

#### Church History

**Church History 1**—(Two hours a week).  
General Church History to 1500.

**Church History 2**—(Two hours a week). (Arts Option).

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; the Twentieth Century.

**Church History 3**—(Two hours a week).

The Modern Church. A general survey since the Reformation. The awakening of the social conscience; missionary and ecumenical movements; church polity, Canon Law.

**Church History 4**—(See Distinctions).

Continental Reformation and Counter Reformation.

#### Hebrew

(Two years Hebrew required for Testamur.)

**Hebrew 1**—(Three hours a week).

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

**Hebrew 2**—(Two hours a week).

Selected prose extracts.

**Hebrew 3**—(See Distinctions).

Selections from Psalms and Prophets.

#### Dogmatic Theology

**Dogmatics 1**—(Two hours a week).

Introduction to Theology; Doctrine of God, Incarnation and Atonement; Resurrection, Ascension and Judgement; 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.

**Dogmatics 3**—(Two hours a week).

History of Christian thought.

**Dogmatics 4**—(See distinctions).

Patristics.

#### Liturgics

**Liturgics 1**—(Two hours a week).

Early Christian worship; Primitive Liturgics; Later Liturgical development; the Breviary, Theology of Worship.

**Liturgics 2**—(Two hours a week).

Sources of the English Prayer Book. History and analysis of the Tudor Books and the present rite.

**Liturgics 3**—(One hour a week).

The Prayer Book in the Parish.

**Liturgics 4**—(See distinctions).

#### Philosophy of Religion

**Philosophy of Religion 1**—(One hour a week).

Basic religious concepts.

**Philosophy of Religion 2**—(One hour a week).

Nature and growth of religion. Comparative study of ethnic faiths. Contemporary religious movements. Christian Missions.

**Philosophy of Religion 3**—(One hour a week).

Psychology of Religion.

**Philosophy of Religion 4**—(See distinctions).

Mediaeval Philosophy.

**Pastoralia**

**Homiletics**—(Two hours a week).

Composition of Sermons, Theory and Practice of Preaching.

**Pastoral Theology**—(One hour a week).

The life of the Parish Priest.

**Moral Theology 1**—(One hour a week).

Introduction to Moral Theology.

**Moral Theology 2**—(One hour a week).

Practical problems; Pastoral counselling; Christian Social Ethics.

**Ceremonial**

**Ceremonial 1**—(One hour a week).

Elocution; the reading of services and lessons.

**Ceremonial 2**—(One hour a week).

Elements of Church Music.

**Ceremonial 3**—(One hour a week).

Conduct of the Services of the Church.

**Sociology**

**Sociology 1**—(See course in Arts Calendar).

**DISTINCTIONS**

To obtain, "With Distinctions," either the Divinity Testamur or the Diploma of Licentiate in Theology, or to complete the requirements of the B.S.Litt., 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; Liturgics 4; Patristics. To be taken under the direction of members of the Faculty.

The candidate must attain 65% in the above courses to qualify for the degree of B.S. Litt.

Students intending to proceed to B.D., are encouraged to take these distinctions.

**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.

(d) Organization and Management of Religious Education.

(c) Principles of Teaching.

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

**THE ARCHBISHOP HACKENLEY RURAL LECTURESHIP**

(A Diocesan Synod of Nova Scotia Foundation, with supervisor appointed by the Synod and Divinity Faculty and acting under the guidance of the Dean of Divinity).

This course is available to all students and priests and will be a fortnightly session for 10 sessions, consisting of lectures on the Church's relation to the Rural Community, and Seminars and conferences on the rural pastoral ministry, and the supervision of students working in rural parishes. This course will be integrated with the Diocesan Rural Training School.

**TUITION FEES**

The Tuition for students taking the whole of the Divinity Course will be \$50.00 per year. Arts students taking the three optional courses will be charged \$15.00.

**LIBRARY FEE**

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

**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.

**DIPLOMA OF ASSOCIATE OF KING'S COLLEGE  
(NOVA SCOTIA)**

The Board of Governors of the University of King's College has set up a statute establishing a new diploma to encourage post-ordination studies for those of the clergy who are not eligible as candidates for the B.D., under the following conditions:

1. Possession of the Diploma will qualify the holder thereof to assume the title of "Associate of King's College (Nova Scotia)", [A.K.C. (N.S.)].
2. It is available to priests holding the L.Th. or S.Th. from King's College, and those priests licensed in the Maritime Dioceses holding either diploma or its equivalent.

For application form, syllabus, bibliographies and any other information concerning this Diploma, apply to the Registrar, King's College, Halifax, N. S.

#### SPECIAL FEES

For Title S.Th., L.Th. or A.K.C. (N.S.) .....	\$ 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
For examination of A.K.C. (N.S.) .....	15.00
Each supplemental Examination. ....	5.00
Each special Examination. ....	10.00



## School of Journalism

Of the Universities of

KING'S COLLEGE

SAINT MARY'S

MOUNT SAINT VINCENT COLLEGE

The School is conducted under its own Board of Governors.

#### Board of Governors:

Chairman—Rev. H. E. Dysart, B.A., M.S.Litt., King's College.

Members—The Very Rev. F. Lynch, S.J., (President of St. Mary's).

The Rev. D. Fogerty, S.J.

Sister Rosaria, Ph.D., (President of Mount St. Vincent).

R. J. Rankin, Esq.

Frank W. Doyle, Esq.

Secretary—Sister Maura, Ph.D.

#### ENTRANCE REQUIREMENTS

Complete Junior matriculation; including English, French, History, Algebra, Geometry, a second foreign language (Latin preferred), and one other. See page 22.

#### CLASSES OF INSTRUCTION

**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. Advertising.

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

All students entering King's College must register at King's for Journalism in addition to registering at Dalhousie for Arts subjects.

#### FEES

Tuition in Arts subjects payable to Dalhousie University at time of Registration. See page 32.

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



## Diction and Voice Production

EDWARD ROBERTS, Lecturer

KING'S COLLEGE

TONE PRODUCTION; DRAMA; PUBLIC SPEAKING;  
PARLIAMENTARY PROCEDURE

CHORIC DRAMA: PROSE: POETRY:

There are two terms of four months each. Sixteen lessons given each term. First term begins Tuesday, September 6, 1955. Second term begins Wednesday, January 4, 1956.

#### TUITION FEES

Private lessons, Adults, one hour lesson.....	\$65.00 per term
“ “ “ half hour .....	35.00 “ “
“ “ Juniors (18 & under) one hour.....	40.00 “ “
Class Lessons (Senior or Junior) one and one-half hour lesson .....	30.00 “ “

#### LESSON COVERAGE

**Quality of Voice.** To eliminate a nasal tone, throaty or guttural tone, lack of tone, straining the voice.

**Breathing.** To have this diaphragmatic and easy.

**Pronunciation.** Clear articulation and on proper pitch. Stammering, stuttering and Lipping.

**Enunciation.** Carefully analyzed, for proper phrasing in the speech, with emphasis, pausing and modulation.

**Language: Grammar.** Fitness of words, smoothness of transition.

**Speech Itself.** Composition; Introduction, the main body, the recapitulation and conclusion.

**THE ATLANTIC SUMMER SCHOOL  
OF  
ADVANCED BUSINESS ADMINISTRATION**

will hold its Third Session at  
The University of King's College  
between June 20 and July 23, 1955

The course is sponsored by the following Universities: Acadia, Dalhousie, King's, Memorial University of Newfoundland, Mount Allison, Nova Scotia Technical College, Prince of Wales College, Saint Dunstan's College, Saint Francis Xavier, Saint Mary's and the University of New Brunswick.

The Faculty is:

- Ben. A. Lindberg** — Administration of Labor and Personnel Relations.
- Abraham Zaleznik** — Human Relations and the Administrative Process.
- C. B. Delano** — Marketing Administration and Strategy. (of the Harvard Graduate School of Business Administration.)
- James C. Taylor** — Cost and Financial Administration. (of the School of Business Administration, University of Western Ontario).

**SCHOLARSHIPS AND PRIZES**

(See footnote p. 59)

**ARTS AND SCIENCE**

**Chancellor's Scholarships**

Through the generosity of the Chancellor of the University, the Hon. Ray Lawson, O.B.E., LL.D., D.Cn.L., these scholarships are offered to the young men of the Maritimes intending to engage in business or commerce on graduation. They are of an annual value of \$400.00 tenable for four or three years according to whether a student enters with Grade XI or Grade XII. Further particulars may be obtained from the Registrar of King's.

**King's Foundation Scholarships**

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 three years for those who enter with Grade XII. For further particulars of the conditions governing the award of these Scholarships candidates should apply to the Registrar of King's.

**Winfield Memorial Entrance Scholarship**

One scholarship of \$150 a year to be awarded to the fully matriculated student entering college with the best general school record, which must include an average of not less than 65% in matriculation. Applications to be received by the Registrar not later than May 15th.

**The Alumni Scholarship**

A scholarship of \$125.00 is offered by the Alumni Association to the fully matriculated student of King's College School, Rothesay Collegiate School, Edgehill, Netherwood and Halifax Ladies College, who enters with the highest standing and remains in residence for one year. The winner of this scholarship must not hold any other scholarship.

**The Almon-Welsford Testimonial**

The Honourable William J. Almon, Esq., M.D. (1816-1901), and his family endowed a prize to commemorate the gallant and loyal deeds of Major Augustus Frederick Welsford who died in the Crimean War (1855) and to encourage the study of Latin. The prize is awarded annually to the student in his first year of enrolment in King's who makes the highest mark in either Latin 1 or Latin 2, provided the mark is not less than 65%.

**The Stevenson Scholarships**

Founded by the Rev. J. Stevenson, M.A., (sometime Professor of Mathematics), of the value of \$120.00 a year, tenable for two years, and open to matriculated students in the second year.

One scholarship will be awarded each year.

This Scholarship will be awarded to the student in the Second Year, registered at King's College, who makes the highest aggregate in the Christmas examinations, provided the student will have credit for at least nine subjects at the end of the session and is carrying not more than two subjects that may normally be taken in the First Year. 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 65%

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

**Bishop Binney Prize—\$20**

This prize which was founded by Mrs. Binney in memory of her husband, the late Bishop Binney, is given to the undergraduate who passes the best examination at the end of the second year, i.e., at least nine subjects towards the degree.

**The Harry Crawford Memorial Prize—\$25**

Offered annually by a friend in memory of Harry Crawford, son of Thomas H. and Elizabeth A. Crawford, Gagetown, N. B., 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 scholastic average are the highest in his class. A student intending to pursue the divinity course will be given the preference.

**Keating Trust Scholarships—\$125**

Two Scholarships of the value of \$125 each, tenable for one year, are awarded from a bequest to the College from the Rev. J. Lloyd Keating. These Scholarships will be awarded to students entering College with complete matriculation and with outstanding marks in Science. These Scholarships, according to the will of the donor, are intended to encourage students, and preferably Divinity students, in the study of chemistry and physics, and scholars will be required to take at least one class in physics or chemistry during the year in which they hold the Scholarship.

**Khaki Bursary—\$50**

Awarded each year by vote of the Faculty, preference being given to the sons and daughters of the soldiers of the Great Wars. Written application must be made, showing claim for consideration.

**The Binney Bursary—\$50**

Founded in the year 1858, by Miss Binney, sister of the late Bishop Binney and daughter of the late Rev. Hibbert Binney, in memory of her father.

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 Bursary—\$25**

Founded by the Rev. G. O. Cheese, M.A. (Oxon.), in memory of his former tutor, the late T. W. Jackson, M.A., of Worcester College, Oxford. Awarded each year by vote of the Faculty.

**The McCawley Classical Scholarship—\$35**

Established as a testimonial to the Rev. G. McCawley, D.D., on his retirement from the office of President.

Open to matriculated undergraduates who have completed their first year. (From Grade XI or Grade XII).

**The Henry D. deBlois English Prize—\$15**

The late Rev. Henry D. deBlois, D.C.L., a graduate of King's College, left the sum of \$200 to the Governors of the College to establish a prize in English. Awarded to the student of the 3rd or 4th year in Arts or Science who submits the best essay on some subject relating to English Literature. For conditions, see Registrar. All essays must be in the hands of the Registrar of King's by February 15th.

**Dr. M. A. B. Smith Prize—\$25**

Established by a bequest of \$500 from the late Dr. M. A. B. Smith. Awarded to the student with the highest marks at the end of his second year with at least nine classes. In case of a tie preference will be given to a Divinity student.

**Charles Cogswell Bursary—\$20**

Charles Cogswell, Esq., M.D., made a donation of \$400 to the Governors of King's College,—the object of the donation being "to promote the health of the students and encourage them in the prosecution of their studies."

**Alexandra Society Scholarship—\$200**

An annual award offered by the Alexandra Society of King's College to a woman student having taken at least five subjects in her third year and who has obtained the highest average (minimum 65%) with not less than 50 in any one subject; provided that she spend her fourth year in residence in Alexandra Hall and also provided that if the student obtaining the highest average is otherwise ineligible, the award shall be left to the discretion of the Scholarship Committee of the College.



**The Governor General's Medal**

Awarded to the candidate who obtains the highest standing in the examinations for B.A., or B.Sc., Degree. Preference given to an Honor Student.

**The Akins Historical Prize—\$75**

Founded by T. B. Akins, Esq., D.C.L., Barrister-at-Law and Commissioner of Public Records.

The award is made for the best original study in Canadian History submitted in competition.

Essays must be handed in, under a *nom de plume* with 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 Registrar.

**The Rhodes Scholarship**

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

**The Imperial Order Daughters of the Empire****Post-Graduate Overseas Scholarship**

This scholarship was founded by the Imperial Order Daughters of the Empire, as part of the war memorial of the Order. 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.

**The Imperial Order Daughters of the Empire Bursary**

As part of a War Memorial the I.O.D.E. offers annually, one in each province of Canada, a bursary for four years study in Canadian Universities.

For these bursaries, only the sons and daughters of deceased or permanently disabled men and women of the services (Army, Navy, Air Force) are eligible.

The bursary shall be awarded to a candidate who meets the entrance requirements of the University of his or her choice.

The bursary is of the value of \$1,600, i.e. \$400 a year for four years, provided that the holder passes the examinations of each year in the spring, or at latest, in the autumn of the same year.

For further particulars communicate with the I.O.D.E. Provincial Education Secretary, Mrs. Martin Livingstone, 103 LeMarchant Street, Halifax, N. S.

**Imperial Oil Graduate Research Fellowships**

The Imperial Oil Limited, in 1946, established for annual competition four graduate research fellowships of the value of \$3,750.00 each, (\$1,250 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 degree in the fields of Chemistry and/or Engineering (2 fellowships), Geology (1 fellowship), and Economics or Industrial Relations or Business Administration (1 fellowship). Nomination of students for these Fellowships is made by the University—such nomination being submitted to the Imperial Oil Scholarship Committee, Imperial Oil Limited, 56 Church Street, Toronto, not later than June 1st, each year. Nomination form and information as to the terms of fellowships are available at the Registrar's office.

**DIVINITY****Owen Family Memorial Scholarships—Two of \$250**

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

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**

This Scholarship of an annual value of \$60, tenable for four years, is for the purpose of encouraging students to take an Arts degree before entering upon the study prescribed for Holy Orders. Candidates who

must be residents of Prince Edward Island shall file their applications and certificates of having passed the full Arts matriculation requirements before August 15th, and must not be over 24 years of age at that time. They must also satisfy the Diocesan Committee for Holy Orders as to their aptitude for the Ministry of the Church. At the end of each academic year the Scholar shall file with the Trustees a certificate from the President or Secretary of the University "that during the past year he has resided in College (or has been excused from such residence) and has attended the full Arts course in the College, together with a certificate that his moral conduct, his attention to his studies and his general conduct have been satisfactory to the Board of Governors."

Scholars who fail to comply with the foregoing conditions automatically forfeit the Scholarship. But in special cases the Bishop, on the representations of the Trustees, may restore a terminated Scholarship in whole or in part.

#### Order of the Eastern Star Scholarships—\$75

Two scholarships are to be awarded to first year students who are preparing for the Christian ministry.

#### John Clark Wilson Memorial Bursaries—\$100 each

Established in 1947 by Miss Catherine R. Kaizer, in memory of John Clark Wilson. Two bursaries of \$100.00 each tenable for one year. Awarded to Divinity students deemed worthy and in need of financial help.

#### Glebe Scholarship

A scholarship of approximately \$100 is offered annually to students from Prince Edward Island,—preference being given to Divinity students. Application, accompanied by a certificate of character from the applicant's rector, must be sent to The Eastern Trust Company, Charlottetown, P. E. I., on or before May 31st.

#### Moody Exhibition—\$100

The "Catherine L. Moody" Exhibition of \$50 a year for two years is awarded every two years to the student entering the second year preparing for Holy Orders, whose scholarship and exemplary conduct shall, in the opinion of the Faculty, merit it. (Next award 1956-57).

#### The George Sherman Richards Proficiency Prize

##### In Memory of the Reverend Robert Norwood, D.D.—\$100

The income from a fund of \$2,000 to be awarded annually to the Divinity student who gains the highest aggregate of marks at end of his penultimate year, provided that in that year he takes the regular full course in Theology.

#### The Countess deCatanzaro Exhibition—\$100

The income from a fund of \$2,000 to be awarded by the Faculty to a Divinity student during his second year in college. The award will be made on the basis of character and need.

#### The McCawley Hebrew Prize—\$25

Open to all members of the University who are below the standing of M.A.

This prize is given out of the interest of a Trust Fund, the gift of the Rev. George McCawley, D.D., in the hands of the Society for the Propagation of the Gospel in Foreign Parts.

This prize will be awarded to the student who leads the class in Hebrew 2 and receives a recommendation from the professor of Hebrew.

#### Junior McCawley Hebrew Prize—\$25

With the accumulated unexpended income from the McCawley Hebrew Prize a fund has been set up establishing a second prize, to be awarded to the student standing highest in first year Hebrew.

#### Archdeacon Forsyth Prize—\$50

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—\$30

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

One or more scholarships of about \$120 each, founded in memory of Lieut.-Gen. Laurie, C.B., D.C.L., open to candidates for the Ministry, under the direction of the Trustees. Particulars may be had from the Registrar.

#### The Wiswell Trust Divinity Studentship—\$120

A. B. Wiswell, D.Cn.L., Hon. Fell. (Vind.) of Halifax, N. S., in order to perpetuate the memory of the Wiswell Family, augmented a bequest from members of the family, thus providing a capital sum of \$2,500, the income from which is to assist Divinity students at King's College, who were born in Nova Scotia and who propose entering the Church of England in Canada. Dr. Wiswell reserves the right to appoint the recipients of the studentships.

#### Wiswell Missionary Bursary

Founded by Dr. A. B. Wiswell, providing approximately two hundred dollars (\$200) a year for help to a Divinity student who believes he has a call to the Mission Field either Overseas or in the Canadian West.

Preference will be given to a student who has given promise of the needed qualities and has taken his degree or is within a year of completing his Arts Course. If there is no student meeting the above requirements the award will be left to the discretion of the Divinity Faculty.

**Clara E. Hyson Prize—\$5.00**

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

**A. Stanley Walker Bursary—\$100**

Awarded by the Alexandra Society of King's College. To be given annually to a Divinity student.

**Johnson Family Memorial Bursary—\$60**

Founded by the Misses Helen and Marguerite Johnson in memory of their parents, this bursary is to be awarded annually at the discretion of the President and Divinity Faculty to the Divinity student considered most worthy on grounds not only of scholarship, but also of financial need and of devotion to his vocation. Preference being given to a student from the parish of St. Mark's, Halifax.

**Divinity Grants**

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

**W. A. Grant—\$150**

The Women's Auxiliary to the Missionary Society of the Church of England in Canada in the Diocese of Nova Scotia makes an annual grant of \$150 towards the expenses of Divinity Students who agree to work in the Diocese of Nova Scotia after ordination.

**The Wallace Greek Testament Prize—\$30**

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 Registrar by March 1st.

**Agnes W. Randall Bursary**

Two bursaries of \$8.00 each will be given each year to the students in Theology who show the greatest diligence in their studies. An award will not be made twice to the same student.

All Scholarships and Prizes (except those awarded to Graduating Students and Prizes to Day Students) will be credited to student's accounts and not paid in cash.

## GENERAL

**Arthur L. Chase Memorial Students Loan Fund**

Established by Mr. and Mrs. H. M. Chase as a memorial to their only child, who died while an undergraduate at King's College. Available to male students entering upon their third or fourth year. Application to be made in writing to the Registrar.

**Edith Mabel Mason Memorial Students Loan Fund**

Established by Alumni and friends as a memorial to the late Miss Edith Mabel Mason, M.A., a former Dean of Women and Professor of Modern Languages. Available to women students entering upon their third or fourth year. Application to be made in writing to the Registrar.

**The Bob Walter Award**

The highest award that can be given a Kingsman by his fellows, and emblematic of recognition of the winner as the best all-round student of the year. This award is given annually.

**The Nixon Trophy**

This award is given annually to the resident student who, in the opinion of his fellows, contributes most to residence life in King's.

**The Prince Prize**

Designed for the encouragement of effective public speaking. Recipient chosen by adjudicators in an annual competition.

**The Bissett Award**

Awarded annually to the College's best all-round athlete.

**The Arthur L. Chase Memorial Trophy**

Presented annually to the student who has contributed most to debating.

## 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 of 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 Glee and Dramatic Society

This Society was founded in 1931 to further interest in dramatics and choral work. It usually produces one three act play and a major choral production each year. Membership is open to all members of the College.

#### 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. 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.

#### King's College Co-ed's Amateur Athletic Association

The object of this association is the promotion of amateur sports of all kinds. The K.C. Co-ed A.A.A. is affiliated with the Maritime Provinces Womens' Amateur Athletic Association and is governed according to the rules of that association. Membership is open to all women students.

## SOCIETIES CONNECTED WITH THE COLLEGE

### Alumni Association of King's College

This Association, incorporated in 1847 by Act of the Legislature, consists of graduates and others whose object is the furtherance of the welfare of the University. The annual fee for membership is \$2.00.

The Association maintains an annual scholarship. (See page 52 et seq.)

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

The present officers of the Association are:

**R. L. Nixon, M.Sc.**, Immediate Past President.

**Rev. E. B. N. Cochran, B.A., L.Th.**, President, 86 Russell Street, Halifax, N. S.

**F. S. Taylor, B.A., LL.B.**, Vice-President, Rothesay, N. B.

**Miss Constance E. Brown, B.A.**, Secretary, 205 Atlantic Street, Halifax, N. S.

**Rev. W. E. Jefferson, B.Sc.**, Treasurer, Granville Ferry, 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. It maintains an annual scholarship (see page 55), and has instituted a fund to endow the Alexandra Chair of Divinity.

The present officers are:

**President**—Mrs. C. F. Whynacht, 26 Wellington St., Halifax.

**1st Vice-President**—Mrs. V. E. McSweeney, 7 Bligh St., Dartmouth, Nova Scotia.

**2nd Vice-President**—Mrs. J. E. Lane, All Saints Rectory, East Saint John, N. B.

**3rd Vice-President**—Mrs. Graeme Boswell, 153 Great George Street, Charlottetown, P. E. I.

**4th Vice-President**—Miss Margaret Gavell, 864 George St., Sydney.

**Corresponding Secretary**—Mrs. H. Conrod, 19 Vernon St., Halifax.

**Recording Secretary**—Mrs. R. A. Pauley, 476 Robie St., Halifax.

**Treasurer**—Mrs. Gordon Brown, 205 Atlantic St., Halifax.

**Calendar Secretary**—Mrs. H. Clements, 2 Vernon St., Halifax.

## 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 and Bursaries in said University, at the discretion of the Board of Governors.



## CLASSES OF INSTRUCTION

Biblical Literature.  
 Biochemistry: see Chemistry.  
 Biology.  
 Chemistry.  
 Church History: see Divinity, History.  
 Classics (Greek, Latin).  
 Divinity (Church History, Philosophy and Psychology of Religion, New Testament Greek).  
 Education.  
 Economics and Sociology.  
 Embryology: see Biology.  
 English Language and Literature.  
 Fine Arts.  
 French: see Modern Languages.  
 Geology and Mineralogy.  
 German: see Modern Languages.  
 Greek: see Classics, Divinity (King's).  
 Hebrew:  
 Histology and Embryology: see Biology.  
 History.  
 Latin: see Classics.  
 Mathematical Physics: see Physics.  
 Mathematics.  
 Modern Languages (French, German, Russian, Spanish).  
 Music.  
 Philosophy.  
 Physics (Physics, Mathematical Physics).  
 Physiology: see Biology.  
 Political Science.  
 Psychology.  
 Russian: see Modern Languages.  
 Spanish: see Modern Languages.  
 Sociology: see Economics.  
 Zoology: see Biology.

## CLASSES OF INSTRUCTION

Classes marked \* are designed for those taking  
Honours Courses

## Biblical Literature

Lecturer..... Elias Andrews

M. and F. at 3.30 p.m.

Prerequisite.—English 2 (which, with the consent of the Head of the Department and of the Lecturer, may be taken at the same time).

This course is an attempt to acquaint the student with the whole field of Biblical Literature as contained in the Old and New Testaments. The Old Testament is approached as the record of the life of the Hebrew race as that life expressed itself in History, Law, Prophecy, Poetry, Devotion, Wisdom and Apocalypticism. The New Testament is studied as the literature of that new life movement which began in Christianity and issued in the preservation of Gospel records, historical data, and such literary work as bore witness to the life, worship and teaching of the early Christian community. The Bible is interpreted as the record of a divine Revelation.

This course counts as a credit in English.

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"; M. E. Chase, "The Bible and the Common Reader".

Biochemistry: see Chemistry



## BIOLOGY

Professor..... F. R. Hayes (Head of Dept.)  
Associate Professor (Zoology)..... D. Pelluet  
Assistant Professor (Botany)..... K. E. von Maltzahn  
Demonstrators (1954-55)..... Mary E. Chipman, Jean A. Knowles,  
M. A. MacAulay, I. G. MacQuarrie,  
Marjorie A. Patriquin, J. E. Phillips,  
B. L. Reid, Eleanor M. Richardson,  
J. T. Snow, B. Jean Turner.

Students intending to major in Biology are advised to include Biology 1 and Chemistry 1 in their first year, and in their second year additional Botany or Zoology classes. Postponement of Zoology 2 until later is often advisable, in order to permit early entry into classes offered only in alternative years.

1. General Biology.—Lect.: Tu., Th. and S. at 9 a.m. Lab.: F. 2.30 to 5.30 p.m., or S. 10 a.m. to 1 p.m. K. E. von Maltzahn.

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

2. Comparative Plant Morphology.—(1955-56). Lect.: M. and W. at 2.30 p.m., Lab.: M. and W. 3.30 to 5.30 p.m. K. E. von Maltzahn.

Prerequisite.—Biology 1.

3. Plant Anatomy.—(1956-57). Lect.: Tu. and Th. at 2.30 p.m., Lab.: Tu. and Th., 3.30 p.m. to 5.30 p.m. K. E. Maltzahn.

Prerequisite.—Biology 1.

6. Plant Physiology.—(1955-56). Lect.: M. and W. at 9 a.m., Lab.: Three hours per week. K. E. von Maltzahn.

Prerequisite.—Biology 1.

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

8. Plant Growth and Development.—(1956-57). Lect.: Two hours per week, Lab.: Four hours per week. K. E. von Maltzahn.

For Honours and Graduate students.

Prerequisite.—Botany 3 or Botany 6.

9. Experimental Botany.— D. A. Livingstone.

### Zoology

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

Prerequisite.—Biology 1.

3. **Invertebrate Animals, Their Structure, Life History and Parasitic Relations to Man.**—(1956-57). Lect.: M. and W. at 2.30 p.m., M. and W., 3.30 to 5.30 p.m. D. Pelluet

Prerequisite.—Biology 1.

4. **Evolution, Genetics and Experimental Embryology.**—(1955-56). Lect.: M., W. and F. at 12 noon. 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.**—(1955-56). Lect.: Tu. and Th. at 9 a.m. Lab.: Tu. and Th., 10 a.m. to 12 noon. F. R. Hayes

Prerequisite.—Biology 1, Chemistry 1.

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

6. **Experimental Zoology.**—(1956-57). Lect.: Tu. and Th. at 9 a.m., Lab.: Tu. and Th., 10 a.m. to 12 noon. F. R. Hayes

Prerequisite.—Biology 1, Chemistry 1.

A discussion of such topics as temperature, respiration, the liberation of energy in cells, and biological applications of radioactive tracers.

7. **Histology and Microscopical Technique.**—(1955-56). Lect.: M. and W. at 2.30 p.m., Lab.: M. and W. 3.30 p.m. to 5.30 p.m., D. Pelluet.

This class is limited to six students who will be instructed in the examination and preparation of histological material of various organs, as well as in the culture and rearing of invertebrate animals for microscopical study.

8. **Cytology.**—(1956-57). Lect.: M. and W. at 9 a.m. Lab.: M. and W. 10.00 a.m. to 12 a.m. D. Pelluet.

This class will deal with histochemical methods of investigating the properties of protoplasm, cells and tissues.

9. **Human Physiology.**—Lect.: M. and F. at 9 a.m. Lab.: M., 10 a.m. to 1 p.m. C. B. Weld

Prerequisite.—Biology 1, Chemistry 1, Physics 1.

This course is limited to 12 students.

10. **The Influence of Chemical Agents on Living Organisms.**—Lect.: Tu. at 2.30 p.m., Sat. at 12 noon. Lab.: F. at 2.30 to 5.30 p.m. J. G. Aldous

Prerequisite.—Chemistry 4 and Zoology 2.

A study will be made of chemical agents which affect various physiological and biochemical processes both in man and lower animals.

This class is limited to 12 students.

11. **Cellular Physiology.**—Lectures and demonstrations: Three hours per week, times to be arranged. J. G. Kaplan

Prerequisite.—Chemistry 4, Zoology 2 and consent of the instructor.

Lectures on submicroscopic cellular architecture and surface phenomena; cellular metabolism and energetics; gene-enzyme relations and physiological evolution.

Certain courses in Bacteriology may be offered as part of the Biology prescription.

### 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.

## CHEMISTRY

Professor	W. J. Chute (Head of Dept.)
Assistant Professors	D. E. Ryan, W. R. Trost
Special Lecturers	W. D. Jamieson, S. G. Whiteway.
Laboratory Assistants (1954-55)	M. D. Elman, J. L. D. Kennedy, J. T. Lauder, S. G. MacKinnon, Bernadine Melanson, D. C. Sarty, Laodiki Xidos, J. B. Yeo.

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

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

Prerequisite.—Matriculation Chemistry or Physics or Mathematics.

Text Book—Cragg - Graham: "An Introduction to the Principles of Chemistry." Malmand Frantz: "College Chemistry in the Laboratory."

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 (exclusive of Law).

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

Prerequisite.—Chemistry 1.

Text Books—Chapin: and Steiner: "Second Year College Chemistry". Chapin et al.: "Exercises in Second Year Chemistry".

The laboratory work of this class is a continuation of Chemistry 1 plus exercises in quantitative analysis.

This class is designed for those planning to enter professional courses.

**3. Lect.:** Tu and Th. at 10.00 a.m. Lab.: M. and F., 2.30 to 5.30 p.m. D. E. Ryan

Prerequisite.—Chemistry 1.

Text Books—Chapin and Steiner: "Second Year College Chemistry". Chapin et al.: "Exercises in Second Year Chemistry". Text Book in semi-micro qualitative analysis to be announced.

The work of this class is that of Chemistry 2 plus three additional hours in the laboratory on semi-micro analysis. Those intending to specialize in chemistry are required to take Chemistry 3.

**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—Noller: "Chemistry of Organic Compounds". Adams and Johnson: "Laboratory Experiments in Organic Chemistry".

The following undergraduate classes are designed primarily for students intending to take Honours in Chemistry. (See page 38). Chemistry 5, 6 and 7 should be taken in the third year and Chemistry 8, 9 and 11 in the fourth year. (Others wishing to take any of these classes must obtain the consent of the instructor).

**5. Physical Chemistry.**—Lect.: M. and W. at 9 a.m., Lab.: One three hour period per week.

Prerequisite.—Chemistry 2 or 3, Mathematics 2.

Text Books—To be announced.

**6. 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 2 or 3, and 4.

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

Text Books—Noller: "Chemistry of Organic Compounds". Shriner and Fuson: "Identification of Organic Compounds".

**7. Quantitative Inorganic Analysis.**—Lect.: M. and W. at 11 a.m. Lab.: six hours per week. D. E. Ryan

Prerequisite.—Chemistry 3.

Text Book—Kolthoff and Sandell: "Quantitative Inorganic Analysis".

**8. Inorganic Chemistry and Instrumental Analysis.**—Conferences and Lab.: six hours per week D. E. Ryan

Prerequisite.—Chemistry 7.

Text Book—Moeller: "Inorganic Chemistry".

**9. Structural Chemistry.**—Lect.: hours to be arranged. Structures and properties of elements and compounds. W. R. Trost

**11. Undergraduate Research for Honours students.**

Further classes are available to Honours and Graduate students, and others who satisfy the instructor that they are qualified. See Head of Department.

**Chemistry Seminar.**—Meetings will be held in the Spring Term at which Honours and Graduate students will present papers on their research projects.

The class **Biochemistry 2** may be offered as an undergraduate elective.

Students who intend to specialize in Biochemistry are invited to consult that Department for advice on the preparation of an adequate background for its study.



## CLASSICS

Professor.....	A. K. Griffin, (Head of Department)
Assistant Professor.....	J. A. Doull
Lecturer.....	Beryl L. Anderson

## Greek

**Elementary Greek.**—M. and F. at 10 a.m., Tu. 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 an examination equivalent to Matriculation in Greek held in April.

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

**Text Books**—Donaldson: "First Greek Course". (C. U. P.). Xenophon: "Anabasis I" (Walpole, Macmillan Co.).

1. Tu., Th. and S. at 10 a.m. B. L. Anderson

**Prerequisite.**—Matriculation or Elementary Greek.

Plato: "Euthyphro". "Greek Through Reading" (Nairn and Nairn). Greek Grammar. Greek Prose. Exercises in sight translation. Greek Literature.

**Text Books**—Plato: "Euthyphro" (Graves, MacMillan). "Greek Through Reading" (Nairn and Nairn, Ginn). Goodwin-Gulick: "Greek Grammar" (Ginn.) "Ancient Greek Literature" (Bowro, Home University Library, O. U. P.).

2. M., W. and F. at 12 noon. J. A. Doull

**Prerequisite.**—Greek 1.

Plato: "Apology and Crito". Homer: "Iliad VI". Greek Grammar. Greek Prose Composition. Exercises in sight translation. Greek Thought.

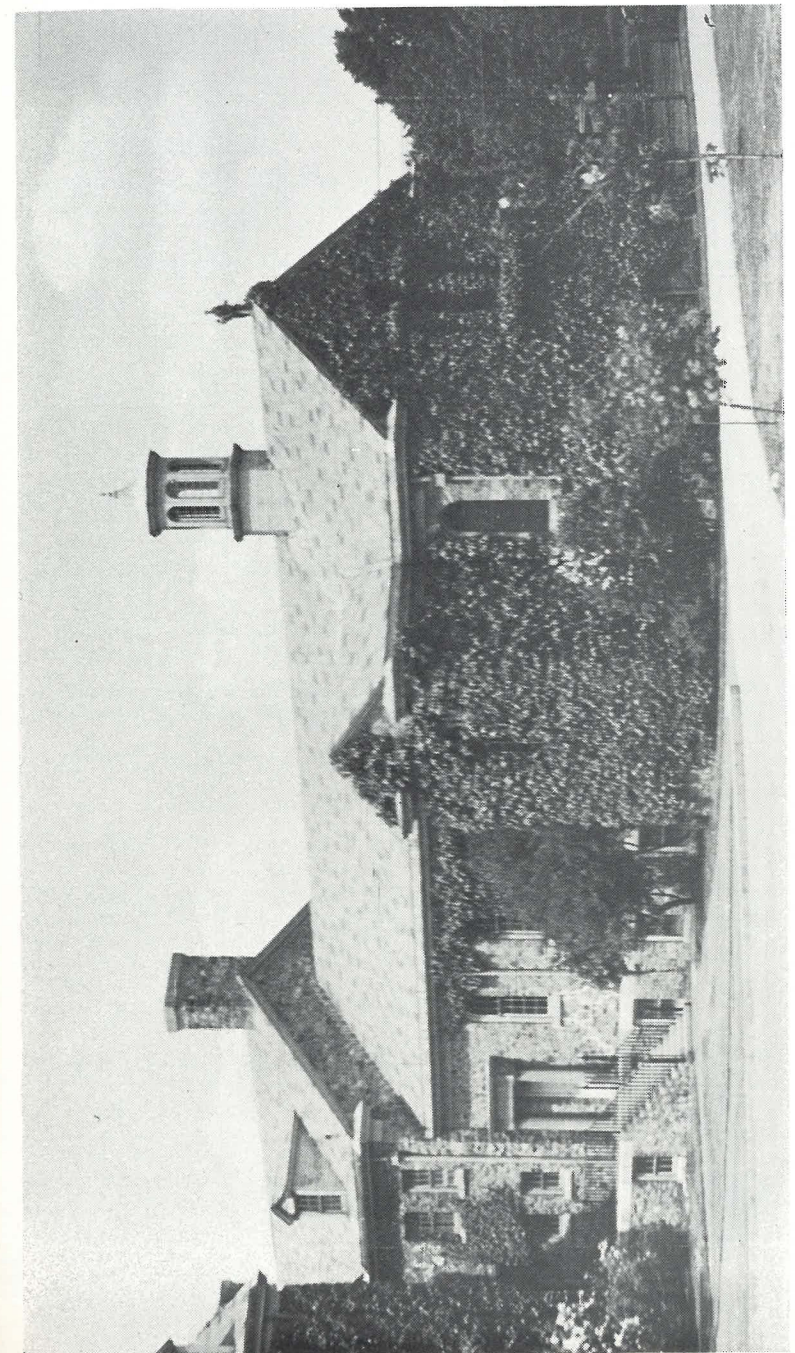
**Text Books**—Plato: "Apology and Crito". (Adam, Camb. U. P.). Homer: "Iliad VI". (Leaf and Bayfield, MacMillan, London). Taylor: "Socrates" (Peter Davies Ltd., Lond.).

3. (1956-57). Three times a week. Hours to be arranged.  
J. A. Doull

**Prerequisite.**—Greek 2.

Herodotus: VI, VIII (selected). Thucydides: I, II (selected). Plato: "Republic I". Greek Prose. History of the 5th Century B. C.

**Text Books**—"Herodotus, VI, VIII" (J. Strachan, MacMillan). "Thucydides I, II". (Marchant, MacMillan). "Proem to the Ideal Commonwealth of Plato" (Tucker, George Bell & Sons, London). "Hellenic History" (Botsford revised by Robinson, MacMillan, New York).



KING'S COLLEGE CHAPEL

4. 1955-56). Three times a week. Hours to be arranged.

J. A. Doull

Prerequisite.—Greek 2.

Homer: "Odyssey VII, VIII". Euripides: "Medea", "Electra". Greek Prose Composition. Exercises in Sight Translation. Greek Literature of the 5th Century B. C.

Text Books—Homer: "Odyssey I-XII" (Stamford, MacMillan). Euripides: "Medea" (Bayfield, MacMillan), "Electra" (Denniston, Ox. U. P.). "Handbook of Greek Literature" (Rose, Methuen).

5. (1956-57). Hours to be arranged.

Demosthenes: "Philippics I, III", "Olynthiacs III". Isocrates: "Philip". Plato: "Republic II-IV". Greek Oratory.

6. (1955-56). Hours to be arranged.

Euripides: "Hippolytus". Sophocles: "Oedipus Rex". Aeschylus: "Prometheus Vincetus". 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.

New Testament Greek: See Divinity (page 75).

### Latin

Elementary Latin.—Tu., Th. and S. at 11 a.m. and M. at 2.30 p.m.

B. L. Anderson

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—Hettich and Maitland: "Latin Fundamentals" (Prentice-Hall, New York.) Vergil: ed. W. F. Jackson Knight; "The Roman World Series", Allen and Unwin.

1. (1) M., W. and F. at 11 a.m. (2) Tu., Th. and S. at 10 a.m.

J. A. Doull, B. L. Anderson

Prerequisite.—Matriculation Latin.

Pliny: "Letters" (selected). Vergil: "Aeneid" (selected) Latin Grammar. Latin Prose. Exercises in Sight Translation. Roman Life.

Text Books—Pliny: (C. E. Robinson, Roman World Series, Allen and Unwin). Vergil (W. F. Jackson Knight, Roman World Series, Allen and Unwin). Allen and Greenough: "New Latin Grammar" (Ginn). North and Hillard: "Latin Prose Composition" (Rivingtons). "Roman Panorama" (Grosse-Hodge, MacMillan).

2. (1) M., W. and F. at 11 a.m. (2) T., Th. and S. at 10 a.m.

Prerequisite.—Latin 1.

A. K. Griffin

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

Text Books—Sallust: "Catiline" (Nall, MacMillan). "Catullus" (Simpson, MacMillan). Horace: "Odes and Epodes" (Smith, Ginn) or (Page, MacMillan). Allen and Greenough: "New Latin Grammar" (Ginn). North and Hillard: "Latin Prose Composition" (Rivingtons). "Rome" (W. Ward Fowler, Home University Library, Ox. U.P.)

3. (1956-57). M., W. and F. at 12 noon.

B. L. Anderson

Prerequisite.—Latin 2.

Pliny: "Letters" (selected). Juvenal: "Satires" (selected). Tacitus: "Agricola". 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.). Tacitus: "Agricola" (Church and Brodribb, MacMillan).

4. (1955-56). M., W. and F. at 12 noon

B. L. Anderson

Prerequisite.—Latin 2.

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

Text Books—Cicero: "Selected Letters" (Poteat, Heath). Horace: "Satires" (Wilkins), "Epistles" (Palmer).

5. (1954-55). Hours to be arranged.

Cicero: "Pro Milone" (selected), "Essays" (selected). Livy: "Books I, XXII". History of the Late Republic.

6. (1955-56). Hours to be arranged

A. K. Griffin

Plautus: "Menaechmi". Terence: "Adelphi". Tibullus (selected). Vergil: "Eclogues". 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.

The authors studied will be: Vergil, "Aeneid", two books and Cicero (selected).

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

## 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.

### 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.



**ECONOMICS and SOCIOLOGY****Economics**

Professors..... W. R. Maxwell (Head of Dept.),  
Associate Professor..... F. Uhler  
Assistant Professor..... J. F. Graham

1. **Principles of Economics.**—Tu, Th. and S. at 11 a.m.  
J. F. Graham.

2. **Money, Banking and International Trade.**—(1956-57). M. and W.  
and F. at 9 a.m. W. R. Maxwell

Prerequisite.—Economics 1.

3. **Labour Problems.**—M. and W. at 11 a.m.

An introductory survey of the principles and problems of labour economics. The historical background of industrial unrest. Rise of the labour movement. Its economic, political and co-operative fronts. Types of labour organization. Changing policies. The growth of labour law and social security measures. Roads to industrial peace.

Attention will be given to specific labour issues such as unemployment, hours of work, minimum wages, etc.

4. **Economic Theory.**—(1955-56). Tu. and Th. at 11 a.m.  
W. R. Maxwell  
Prerequisite.—Economics 1.

5. **Public Finance.**—(1956-57). Tu. and Th. at 2.30 p.m.  
J. F. Graham  
Prerequisite.—Economics 1.

6. **Economics Statistics.**—(1955-56 and in alternate years). Lect.:  
M., W. and F. at 2.30 p.m. Lab.: Th., 3.30 to 5.30 p.m. J. F. Graham  
Prerequisite.—Economics 1 and Mathematics 1.

8. **The National Income and Its Functions.**—(1955-56). M. and  
W. at 11 a.m. J. F. Graham.  
Prerequisite.—Economics 1 and the consent of the instructor.

9 **Seminar.**—(1956-57). Tu. and Th. at 9 a.m. W. R. Maxwell  
Prerequisite.—Economics 1 and the consent of the instructor.

\***Economics 10 and 11.**—These are the special classes for Honour students prescribed in the regulations governing Honour Courses.

12. **Economic Analysis.**—(1956-57). M. and W. at 11 a.m.  
Prerequisite.—Economics 1. J. F. Graham

14. **Comparative Economic Systems.**—(1955-56). Tu. and Th. at  
9 a.m. W. R. Maxwell

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

15. **Seminar.**—(1955-56). M. and W. at 9 a.m. W. R. Maxwell  
Prerequisite.—Economics 1 and the consent of the instructor.

16. **Economics of Socialism.**—(1954-55). Tu. and Th. at 11 a.m.  
W. R. Maxwell  
Prerequisite.—Economics 1.

**Sociology**

Associate Professor..... F. Uhler

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

Text Books—Jones: "Basic Sociological Principles". Dawson and Gettys: "Introduction to Sociology" (3rd Ed.) Prince: "The Social System".

2. **The Modern Community.**—(1955-56). 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 Neumeier: "The Community and Society". Thompson: "Population Problems". Elliot 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.**—(1956-57). M. and W. at 12 noon.  
Prerequisite.—Sociology 1 or Economics 1.

The history, development, structure and function of the chief institutions of social life: domestic, economic, political, religious, educational and eleemosynary.

Text Books—Hertzler: "Social Institutions" (2nd Ed.) Snider: "Social Institutions, Origin, Growth and Interaction". Ginsberg, Hobhouse and Wheeler: "Social Institutions of the Simpler Peoples". Ballard: "Social Institutions".

4. **Social Legislation. Principles, Theory and Technique.**  
(1956-57). 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 (health, housing and humane enactments; public morals).

Text Books—Callcott: "Principles of Social Legislation". Jenks: "Governmental Action for Social Welfare". Kelso: "Science of Public Welfare". Strong: "Public Welfare Administration in Canada". Cassidy: "Social Security and Reconstruction in Canada". Stewart: "Canadian Labour Laws".

Reference Books—Ilbert: "Mechanics of Law Making". Coode: "Legislative Expression". "Revised Statutes of Canada".

5. **Sociology Theory.**—(1956-57). Hours to be arranged.

Prerequisite.—Sociology 1.

Text Book—Lichtenberger: "Development of Social Theory". Sorokin: "Contemporary Social Theories".

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

6. Seminar in Social Reconstruction.—(1955-56). Hours to be arranged.

Prerequisite.—Sociology 1 or Economics 1.

Contemporary social and economic ideologies. Totalistic and gradualistic modal patterns and their evaluation. The mechanics of social change. The social implications of a planned society.

### Anthropology

7. Introduction to Anthropology.—(1955-56). M. and W. at 12 noon.

Prerequisite.—Sociology 1 or Economics 1.

- (i) Human origins.
- (ii) Beginnings of Civilization.
- (iii) The Anthropology of Race, Language and Culture.

Text Books—Stibbe: "Physical Anthropology". Turney-High: "General Anthropology". Wissler: "Introduction to Social Anthropology".

Reference Books—Kroeber and Waterman: "Source Book of Anthropology". Lowie: "Primitive Society". Tozzer: "Social Origins". Goldenwiser: "Early Civilization".

8. Applied Anthropology.—(1955-56).

Prerequisite.—Sociology 1.

Anthropological methods and applications. A seminar course relating anthropological research to Canadian acculturation problems such as Indian and Oriental assimilation, the Eskimo question, bi-culturalism, industrial relations, racial and religious co-operation.

### 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

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

This course may count towards the degree of B.A. or B.Sc., but may be taken only by students in their third or fourth year.

Text Books—A. G. and G. H. Hughes: "Learning and Teaching". Sir R. L. Livingstone: "Some Tasks in Education".

### ENGLISH LANGUAGE AND LITERATURE‡

Professors.....C. L. Bennet (Head of Dept.), Burns Martin  
Associate Professor.....

Assistant Professors.....C. L. Lambertson, A. R. Bevan

English 1.—M., W. and F. at 12 noon. C. L. Lambertson and A. R. Bevan

English 1 in two sections.

English 1A.—M., W. and F. at 12 noon. Burns Martin

Prerequisite.—Matriculation English.

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

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". Other texts to be announced\*\*.

1A A pre-professional class with emphasis on composition and general reading; one of the two classes of first-year standing required for the Diploma of Engineering. Other pre-professional students may take this class if numbers permit. For special reasons the Department may permit or require other students to take English 1A in place of English 1, vice versa.\*\*

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

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

Text Books—F. J. Tickner: "A Shorter Milton". "The Pocket Bible". "Shakespeare, Major Plays and Sonnets", G. B. Harrison.

Plays for special study: "Richard III"; "Twelfth Night"; "Macbeth"; "The Tempest".

Twenty exercises in expository writing will be based on the reading of the class.

\*3. Middle English.—(1956-57). Hours to be arranged. C. L. Lambertson.

Prerequisite.—English 2. Primarily for Honour and Graduate Students.

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

Texts—"Chaucer" (ed. Robinson). Other texts to be announced.

‡Changes or additions may be announced before the beginning of the term.

\*\*Each student in 1, 1A and 2 must have a prescribed Handbook for reference and for correction of Essays.

4. **Nineteenth Century Literature.**—(1956-57). Tu. and Th. at 3.30 p.m. A. R. Bevan

Prerequisite.—English 2.

An introduction to English Literature of the Romantic period.

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

Texts and Text Books—"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.**—(1955-56). 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); "English Prose of the Victorian Period" (ed. Harold and Templeman); "Poetry of the Victorian Period" (ed. Woods), or "Victorian and Later Poets" (ed. Stephens, Beck and Snow).

For Distinction, as in English 4.

\*6. **Old English.**—(1955-56). 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—Anderson and Williams: "Old English Handbook". Sight translation from easy texts.

\*7. **Elizabethan Drama.**—(1956-57). M. and W. at 9 a.m. Burns Martin

Prerequisite.—English 2.

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

Text Book—Schelling and Black: "Typical Elizabethan Plays" (3rd ed. Harper). A complete Shakespeare; the Kittredge edition is highly recommended.

8. **Canadian and American Literature.**—(1955-56). Tu., Th. and S. 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). Selected Canadian Novels.

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

9. **Drama.**—(1956-57). Tu. and Th. at 11 a.m. C. L. Bennet.  
Prerequisite.—English 2.

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

Text Book—Clark: "Chief Patterns of World Drama".

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

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

11. **Modern Poetry.**—(1956-57). M. and W. at 11 a.m. C. L. Lambertson

Prerequisite.—English 2 and at least one elective class in English.

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

Texts—Untermeyer: "Modern British and Modern American Poetry" (one-vol. ed.).

\*12. **The History, Theory and Methods of Literary Criticism.**—(1956-57). M., W. and F. at 3.30 p.m. or at hours to be arranged. C. L. Bennet

Prerequisite.—English 2 and at least one elective class in English.

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

Text Books—Saintsbury: "History of English Criticism". Cowli: "The Theory of Poetry in England". Richards: "The Principles of Literary Criticism". "Practical Criticism". Texts: "English Critical Essays". Bate: "Criticism of the Major Texts".

13. **The History of the English Language.**—(1955-56.) 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.**—(1955-56). M., W. and F. at 9 a.m. Burns Martin

Prerequisite.—English 2.

Text Books—Potter: "Elizabethan Verse and Prose". Coffin and Witherspoon: "Seventeenth Century Prose and Poetry", and the Oxford edition of Spenser.

15. English Literature in the Eighteenth Century.—(1956-57).  
Tu. and Th. at 9 a.m. Burns Martin

Students intending to take this course are strongly advised to consult 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.—(1956-57). M. and W. at 10 a.m.  
A. R. Bevan

Prerequisite.—English 2.

An historical survey of the development of the English novel, with emphasis on the novel since 1800.

\*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. C. L. Lambertson

Text Book—Gordon: "Introduction to Old Norse".

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

\*20. Restoration and Early Eighteenth Century (Seminar).—  
A. R. Bevan

21. The Historical Background of English Literature.—(1955-56).  
A. R. Bevan

\*22. Late Eighteenth and Early Nineteenth Century (Seminar).—  
(1955-56). C. L. Bennet

Prerequisite.—English 4 or 15.

Biblical Literature.—M. and F. at 3.30 p.m. E. Andrews

This course may count as a credit in English.

## 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 the Renaissance 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
Associate Professor.....	N. R. Goodman
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).

2. **Mineralogy.**—Lect.: Tu. at 10 a.m. Lab.: Two periods per week, to be arranged.

3. **Petrology.**—Lecture and colloquium: W. 10 a.m. to 12 noon 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 and Lab.: Hours to be arranged.

Prerequisite.—Geology 1, 2 and 3.

6. **Advanced Ore-deposits.**—Conference and Lab.: Hours to be arranged.

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

10. **Advanced Work for Graduates in Mineralogy.**—Hours to be arranged.

N. R. Goodman

11. **Advanced Work for Graduates in Petrology.**— N. R. Goodman

**German:** see Modern Languages

**Greek:** see Classics, Divinity

## HEBREW

Special Lecturers..... J. B. Hardie, W. W. Clarkson

1. Hours to be arranged.

An introductory class which will be counted as a second foreign language for students electing it who have complete matriculation.

**Histology:** see Biology

## HISTORY

Professors.....	G. E. Wilson (Head of Dept.)
Lecturer.....	Peter B. Waite, H. S. Granter
Special Lecturer.....	D. C. Harvey

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.**—Tu., Th. and S. at 9 a.m. H. S. Granter.

Prerequisite.—History 1.

3. **History of England to 1714.**—(1955-56 and in alternate years). M., W. and F. at 10 a.m. H. S. Granter.

Prerequisite.—History 1.

Special emphasis will be given to the Tudor and Stuart periods.

4. **History of Europe since 1815.**—(1956-57, 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.**—(1955-56, 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. History of England since 1714.—(1956-57, and in alternate years) M., W. and F. at 10 a.m. H. S. Granter.

Prerequisite.—History 1.

Special emphasis will be given to the Nineteenth Century.

7. The Middle Ages.—(1955-56, and in alternate years). M., W. and F. at 2.30 p.m. H. S. Granter

Prerequisite.—Two classes in History.

8. History of Canada to 1867.—(1955-56, and in alternate years). Tu., Th. and S. at 10 a.m. P. B. Waite

Prerequisite.—History 1.

9. History of Canada since 1867.—(1956-57, and in alternate years). Tu., Th. and S. at 10 a.m. P. B. Waite

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.—(1956-57). M., W. and F. at 10 a.m. P. B. Waite

Prerequisite.—History 1.

12. History of the United States since 1865.—(1955-56). M., W. and F. at 10 a.m. P. B. Waite

Prerequisite.—History 1.

13. History of Russia.—(1955-56). M., W. and F. at 2.30 p.m. P. B. Waite

Prerequisite.—History 1.

14. Renaissance and Reformation.—(1956-57). M., W. and F. at 2.30 p.m. P. B. Waite

Prerequisite.—Two classes in History.

15. English Constitutional History.—(1956-57). M., W. and F. at 2.30 p.m. H. S. Granter.

Prerequisite.—History 1 and a course in English history.

16. A Period in Modern European History.—(1955-56). Hours to be arranged. G. E. Wilson

For Honour and M.A. Students.

17. A Period in Nineteenth Century English History.—(1955-56). Hours to be arranged. H. S. Granter

For Honour and M.A. Students.

18. A Period in American History.—Hours to be arranged. P. B. Waite

For Honour and M.A. Students.

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.

Mathematical Physics: see Physics

## MATHEMATICS‡

Professors ..... J. G. Adshead, Head of Dept.,  
Charles Walmsley  
Assistant Professor ..... A. J. Tingley  
Lecturer ..... I. A. MacLennan

1. Elementary Mathematical Analysis.—M., W. and F. at 10 a.m.;  
M., W. and F. at 11 a.m. J. G. Adshead, I. A. MacLennan.  
A. J. Tingley

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.

Text Book—To be announced.

‡Changes or additions may be announced at the beginning of the academic year.

2. **Calculus.**—(1) M., W. and F. at 11 a.m.; (2) M., W. and F. at 9 a.m.  
C. Walmsley, I. A. MacLennan  
A. J. Tingley

Prerequisite.—Mathematics 1.

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

Text Book—Sherwood and Taylor: "Calculus" Chapters I - X.

25. **Mathematical Statistics.**—(1956-57). M., W. and F. at 9 a.m.  
A. J. Tingley

Prerequisite.—Mathematics 1.

This course is designed primarily for students whose work will require a knowledge of statistical methods. The topics covered will include: measures of central tendency and dispersion, the binomial, Poisson, normal and chi-square distributions, tests of hypotheses, confidence intervals, regression and correlation.

Text Book—To be announced.

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—Sherwood and Taylor: "Calculus" Chapters XIII - XVI; Granville, Smith and Longley: "Differential and Integral Calculus", Chapters XVI - XXII. Walmsley: "Mathematical Analysis".

4. **Geometry.**—Tu. and Th. at 10 a.m. J. G. Adshead

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—Dresden: "Solid Analytic Geometry and Determinants". Widder: "Advanced Calculus". Osgood: "Advanced Calculus". Burington and Torrence: "Higher Mathematics".

### Senior Classes

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

5. **Theory of Functions of a Complex Variable.**—(1956-57).  
C. Walmsley

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

Books—Titchmarsh: "Theory of Functions". Valiron: "Theorie des fonctions". Knopp: "Funktionentheorie". MacRobert: "Functions of a Complex Variable". Works by Churchill, Ritt, Caratheodory, Whittaker and Watson, Pierpont, Bieberbach.

7. **Theory of Functions of a Real Variable.**—(1955-56). C. Walmsley

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

Books—Widder: "Advanced Calculus". Valiron: "Theorie des fonctions". Knopp: "Unendliche Reihen", Hardy: "Divergent Series", Jeffery: "Theory of Functions of a real Variable". Works by Hardy and Rogosinski, Lebesgue, Saks, Newman, Graves and Burkill.

12. **Differential Equations.**—(1955-56). Tu. and Th. at 9 a.m.

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 Matthews: "Treatise on Bessel Functions".

\*3 and \*4. These are the third and fourth year classes for Honour students in Mathematics.

If required, other classes may be arranged, such as Mathematics 6, 9, 10, 14 and 35, below. Students wishing to attend any class of this nature should consult the Department of Mathematics.

6. **Projective Geometry.**—(1955-56). J. G. Adshead.

Text Books—Graustein: "Introduction to Higher Geometry". Books by Young, Young, Veblen, Young and Maxwell.

35. **Theory of Mathematical Statistics.**—(1955-56). A. J. Tingley.

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

10. **Non-Euclidean Geometry.**

14. **Modern Algebra.**

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.

## 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 and Science when offered by a student taking the affiliated course in Medicine.

### MODERN LANGUAGES

Professor .....	P. Chavy
Assistant Professor .....	Johanna Richter
Lecturer .....	H. F. Aikens
Special Lecturer .....	Suzanne J. Chavy

## French

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

To those who have had no opportunity to acquire a correct pronunciation a special oral training through phonograph records and tape-recorded tests is offered.

**Elementary French.**—M., W. and F. at 11 a.m. H. F. Aikens

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

### 1. Conversational French and Reading Development.

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

Prerequisite.—Matriculation French.

### 2. General Introduction to Literary and Daily French.

—(1) Tu., Th. and S. at 10 a.m.; (2) Tu., Th. and S. at 9 a.m. Suzanne J. Chavy

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. A series of oral tests, checking the students' pronunciation are to be passed during the session; they will count for a part of the final mark.

Text Book—Heindrix and Melden: "Beginning French".

**3. Oral and Written Self-expression and Practice.**—Tu. and Th. at 3.30 p.m. H. F. Aikens

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.

Text Book—Ledesert: "La France".

**4. General Survey of French Thought and Literature.**—Tu. and Th. at 10 a.m. P. Chavy

This course is recommended to students interested in Literature as a useful introduction to more specialized classes.

Text Book—Steinhauer and Walker: "Omnibus of French Literature".

**5. Old French.**—W. and F. at 9 a.m. P. Chavy

Historical grammar and mediaeval French literature will be studied through a comprehensive anthology of old texts.

**7. The Classical Period in French Literature.**—(1955-56). W. and F. at 11 a.m. P. Chavy

A study of the great authors in the age of Louis XIVth.

**8. French Thought and Literature in the Eighteenth Century.**—(1956-57). W. and F. at 11 a.m. P. Chavy.

A study of the various philosophical and literary trends in France in the "Age of Enlightenment".

**10. Contemporary French Literature.**—W. and F. at 10 a.m. P. Chavy

A study of the most representative French writers of our time. (1880-1950).

**\*11. French Stylistics.**—(1955-56 and in alternate years.) Tu. and Th. at 2.30 p.m. P. Chavy.

For Honours and M. A. students.

Designed to give students a finer feeling for French style. Study of means of expression, levels of speech, etc. Advanced exercises in translation with emphasis on accuracy and elegance.

**\*12. Advanced Phonetics and Diction.**—(1956-57 and in alternate years). Tu. and Th. at 2.30 p.m. P. Chavy.

For Honours and M.A. students.

Aims to provide a scientific basis for correct pronunciation. Intensive aural-oral training by means of dictations, phonetic symbols, tape-recordings, etc. Practical exercises in intonation and diction.

N. B.—Elementary French, French 1 and 2 are conducted partly in English, partly in French. French 3, 4, 5, 6 etc., are conducted entirely in French.

### German

**Elementary German.**—(Matriculation Course). M., W. and F. at 11 a.m.

For students who have not had an opportunity to complete their preparatory study of German at school. No student with full matriculation standing will be permitted to take this course.

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

This course is intended for those beginning the study of the German language with full matriculation standing, including two foreign languages. This class offers a complete first course in German and may be counted as a credit towards a degree.

Students who have passed Grade XI or XII German, or have credit in German from another University, or come from a foreign country are required to consult the German Department before registering.

**German 2.**—M., W. and F. at 9 a.m. or at hours to be arranged.  
J. Richter

Prerequisite.—German 1 or equivalent.

This course is meant to develop facility in reading, and speaking German. Selections of German short stories as introduction to German literature will be read.

3. **Science Reading.**—Tu. and Th. at 12 noon.

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

4. M. and F. at 3.30 p.m., or at hours to be arranged. J. Richter  
Prerequisite.—German 2 or equivalent.

The aim of this course is to familiarize the students with the artistic qualities of German literary prose. A collection of short stories as examples of literary movements will be read and their composition and style analyzed. Short essays will be written. This course should be taken as an introduction to more specialized classes in German literature. Students who are looking forward to advanced work in other departments of the Faculty of Arts (e.g., English, History, Philosophy, etc.) are advised to consult the Head of the Department as to the inclusion of such course.

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

\*5. **German Literature and Thought in the Eighteenth Century.**—(1957-58). Tu. and Th. at 10 a.m., or hours to be arranged J. Richter

Special emphasis will be placed on "Goethe's Thought".

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

\*6. **German Literature and Thought in the Nineteenth Century.**—(1956-57). Hours to be arranged. J. Richter

Selected authors as examples of the literary movement of the period will be studied. Hebbel, Gottfried Keller, Fontane, Gerhart Hauptmann.

Summer reading is required.

\*7. **German Literature and Thought in the Twentieth Century.**—(1955-56). Hours to be arranged. J. Richter

A general introduction to the development of thought in this period will be given and selected authors studied. Hermann Hesse, Rainer Maria Rilke, Ricarda Huch, Thomas Mann.

Preparatory reading during the summer is required.

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

8. **History of the German Language.**—Hours to be arranged.

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

All prospective Honour students ought to consult the department as early as possible in their course.

### Russian

**Elementary Russian.**—M., W. and F. at 12 noon. 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" (J. M. Dent & Sons, London). Patrick: "An Elementary Russian Reader" (Sir Isaac Pitman & Sons, (Canada) Ltd.).

**Scientific Russian.**—M., W. and F. at 12 noon. A. K. Griffin

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. It is taught in conjunction with Elementary Russian.

Text Books—Semeonoff: "A New Russian Grammar" (J. M. Dent & Sons, London). Znamensky: "Elementary Scientific Russian Reader" (Sir Isaac Pitman & Sons, (Canada) Ltd.).

**Russian. 1.**—Three hours a week, times to be arranged. A. K. Griffin

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), G. Z. Patrick: "An Elementary Russian Reader". "An Intermediate Russian Reader" (Sir Isaac Pitman & Sons, (Canada) Ltd.).

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

## Spanish

Elementary Spanish.—Tu., Th. and S. at 10 a.m.

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

Spanish 1.—(1) M., W. and F. at 9 a.m.  
(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.

Special stress will be given to conversation and composition on Hispanic subjects in the second term of the year. There will be an oral examination at the end of the year.

Text Books—"Spanish for Conversation" (Ginn). Julio Camba: "La rana viajera" (Heath). Alarconi: "El sombrero de tres picos" (Ginn). "Cuentos alegres" (Heath).

2. Tu., Th. and S. at 11 a.m.

Prerequisite.—Spanish 1.

A course in Grammar will be given in the first part of the term. Translations and lectures about the modern Spanish and South-American literatures. "Generation del 98". Azorin, Unamuno, machado, etc. Translations into Spanish, and compositions.

Text Books—Luis Navascues: "De Unamuno a Ortega" (Harper & Brothers). Miguel de Unamuno: "Vida de d. Quijote y Sancho". Azorin: "Los pueblos". Gabriela Mistral Poesias. Ibarburu. Poesias (Austral). Tawney: "Religion and the Rise of Capitalism" (Pinguin). A.B.C. (Madrid newspaper).

3. (1956-57). W. and F. at 2.30 p.m.

Prerequisite.—Spanish 2.

Composition and conversation. Classical Spanish will be translated. Don Quijote de la Mancha. (Austral). Every student will do a paper in the year after some reading about the author.

Text Books—Crane Briton: "The Shaping of the Modern Mind" (Mentor Book). Martinez-Amador: Diccionario (Sopena). El Tema de nuestro Tiempo (Ortega y Gas-set).

4. History of the Spanish Literature.—(1955-56).

Los origenes del castellano—Los cantares de Gesta—La Espana del siglo XIV—La literature del Gotico frido—Le epoca de los Reyes Catol-

icos—La mistica y la ascetica—Cervantes y su epoca—El Quijote en la literatura mundial—La novela picaresca—Quevedo—Lope de Vega—Tirso de Molina y la Leyenda de Don Juan—Calderon—El culteranismo.

5. History of the Spanish and Spanish-American Literatures. (1956-57).

El influjo y el Neoclasicismo—La reaccion nacional—El teatro del siglo XVIII. El Romanticismo. Perez Galdos y el naturalismo en Espana—Las nuevas literaturas nacionales en Suramerica—Ruben Dario—Rodo "La Generacion del 98"—Romulo Gallegos—Gabriela Mistral—etc. Contemporary Literature.

Books of Reference—Historia de La Literatura Espanola. Valbuena (3 vol.) Historia de Espana. Antonio Ballesteros.—Martinez—Amador. Diccionario. Coleccion Austral para obras de literatura—Historia de las Literaturas Hispanicas. Diaz—Plaja—Editorial Espasa—Calpe para obras de historia—Fondo de Cultura de Mexico y Editorial Aguilar para ciencias sociales.

## MUSIC

Lecturer . . . . . Harold Hamer

2. History and Appreciation of Music.—Tu., and Th. at 4.30 p.m. and Sat. at 11 a.m.

The plan followed in this course is that outlined in the text, viz., "to begin with everyday musical experiences that are both real and satisfying, and use these as stimuli and points of departure for further artistic development." Allied with this is a general survey of the development of music from earliest times to the present.

Text Book—McKinney and Anderson: "Discovering Music".  
Chief References—Scholes: "The Listener's History of Music" (3 vols.). McKinney and Anderson: "Music in History".

## PHILOSOPHY

Professor . . . . . G. P. Grant

1. An Introduction to Philosophy.—Tu., Th. and S. at 9 a.m.

G. P. Grant

2. Logic.—(1955-56). M. and W. at 11 a.m.

Prerequisite.—Matriculation Mathematics.

An introduction to the principles of accurate reasoning. The main topics discussed are the relation of language to thought, and the various methods of deductive and inductive inference.

3. Ethics.—(1956-57). M., W. and F. at 12 noon. G. P. Grant

Prerequisite.—Philosophy 1.

4. Philosophy and Science.—(1954-55). Tu. and Th. at 12 noon.

Prerequisite.—First year Science complete. Others may be admitted with the permission of the instructor.

An introduction to the historical and conceptional relations between Philosophy and the Natural Sciences. Special attention will be given to the post-Copernican period.

5. English Literature and Philosophy.—(1956-57). M. and W. at 2.30 p.m.

Prerequisite.—English 2 and any other course in English beyond the first year.

A study of those poems, novels and plays, which show that literature is a concrete illustration of philosophical attitudes.

7. The Philosophy of the Greeks up to and including Plato.—(1955-56). M., W. and F. at 12 noon. G. P. Grant

Prerequisite.—Philosophy 1.

8. Ancient Philosophy from Aristotle to St. Augustine.—(1956-57). Hours to be arranged. J. A. Doull

Prerequisite.—Philosophy 1.

9. Medieval Philosophy.—(1955-56). Hours to be arranged. J. A. Doull

Prerequisite.—Philosophy 1.

10. Morals and Politics.—(Not given in 1955-56). J. H. Aitchinson, G. P. Grant

A joint seminar with the Political Science Department.

This class is intended for advanced students in either Philosophy or Political Science, and can be elected only with the consent of the Head of the Department in which grouping is to be made.

This class will only be given in 1955-56 if sufficient students apply.

11. Modern Philosophy from Descartes to Kant.—(1955-56). M., W. and F. at 2.30 p.m.

Prerequisite.—Philosophy 1.

12. Modern Philosophy from Kant to Whitehead.—(1956-57). Tu. and Th. at 2.30 p.m.

Prerequisite.—Philosophy 1.

13. Problems of the Self.—(1955-56). Tu. and Th. at 9 a.m. F. H. Page

Prerequisite.—Philosophy 1 or Psychology 1.

For Honours and M.A. students. Other students may be admitted with the permission of the instructor. (See also Psychology 5).

\*14. The Philosophy of Plato.—(1956-57). Hours to be arranged. R. H. Vingoe

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

\*15. The Philosophy of Aristotle.—(1955-56). Hours to be arranged. R. H. Vingoe

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

\*16. The Philosophy of St. Augustine.—(1954-55). Hours to be arranged. G. P. Grant

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

\*16. The Philosophy of St. Augustine.—(1956-57). Hours to be arranged. G. P. Grant

17. The Philosophy of Kant.—(1955-56). Hours to be arranged.

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

## PHYSICS

Professors . . . . . J. H. L. Johnstone (Head of Dept.), W.J. Archibald  
Associate Professors . . . . . E. W. Guptill, A. D. MacDonald  
Assistant Professor . . . . . J. E. Blanchard (Geophysics)  
N. R. C. Doctoral Fellow . . . . . C. K. Hoyt  
MacGregor Teaching Fellow . . . . . D. K. Robinson  
Demonstrators (1955-56) . . . . . H. M. Bradford, D. H. Rendell, D. M. Fraser,  
R. W. Tolmie, A. D. B. Woods.

1. General Physics.—Lect.: (1) M., W. and F. at 11 a.m. (2) Tu., Th. and Sat. at 11 a.m. Lab: Three hours per week. W. J. Archibald, A. D. MacDonald

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

Text Book—Saunders and Kirkpatrick: "College Physics".

2. Mechanics, Heat and Light.—Lect.: M., W. and F. at 10 a.m. Lab.: F. at 2.30 to 5.30 p.m. E. W. Guptill

Prerequisite.—Physics 1 and Mathematics 1.

Text Book—Sears and Zemansky: "College Physics".

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

Prerequisite.—Physics 2 and Mathematics 2.

Text Books—Sears and Zemansky: "College Physics". Timbie and Bush: "Principles of Electrical Engineering".

In order to be permitted to take any of the following classes, the student must have a high scholastic standing in Physics and Mathematics and obtain the consent of the Head of the Department.

4. Atomic Physics.—Lect.: M., W. and F. at 9 a.m. E. W. Guptill

Prerequisite.—Physics 3 and Mathematics 2.

This course is an introductory survey of more recent experimental and theoretical developments in Physics. Topics include electrons, photoelectric effect, x-ray, relativistic mechanics and nuclear physics.

5. **Physical Optics.**—Lect.: M. and W. at 11 a.m. J. H. L. Johnstone  
Prerequisite.—Mathematics 2, Physics 3.

Diffraction theory, origin of spectra, Zeeman effect, atomic theory of dispersion, etc.

Text Book—Valasek: "Physical Optics".

6. **Advanced Electricity.**—Lect.: Tu. and Th. at 10 a.m. and one other hour to be arranged. Lab.: Three hours per week. J. E. Blanchard  
Prerequisite.—Mathematics 2 and Physics 3.

This course is designed for Honours students and Engineering students who desire a course in advance of Physics 3.

7. **Thermodynamics and Statistical Mechanics.**—Lect.: M. and W. at 11 a.m. J. H. L. Johnstone

Prerequisite.—Mathematics 2 and Physics 3.

Text Book—Allis and Herlin: "Thermodynamics and Statistical Mechanics".

11A. **Intermediate Physics Laboratory.**—Six hours per week. A. D. MacDonald

Prerequisite.—Physics 3, two additional classes in Physics (which may, however, be taken at the same time).

Text Book—Strong: "Procedures in Experimental Physics".

11B. **Advanced Physics Laboratory.**—Six hours per week.  
Prerequisite.—Physics 11A.

13A. **Geophysics.**—Two hours lecture per week. J. E. Blanchard  
Prerequisite.—Physics 6 and Mathematics 3.

Problems in potential theory, elasticity and hydrodynamics.

13B. **Exploration Geophysics.**—Two hours lecture, three hours laboratory per week. J. E. Blanchard

This course is intended for those registered in Engineering Physics who intend to specialize in Geophysics.

### Mathematical Physics

Professor ..... W. J. Archibald

14. **Mechanics.**—Two hours lectures per week. W. J. Archibald  
Prerequisite.—Mathematics 2 and Physics 2.

16. **Introduction to Mathematical Physics.**—Two hours lectures per week. A. D. MacDonald

Prerequisites.—Mathematics 3 and Physics 6.

Text Books—Slater and Frank: "Mechanics" and also Slater "Quantum Theory of Matter".

### Seminar and Journal Club.

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.

### Graduate Classes in Physics

These are listed in the section of the calendar describing the Faculty of Graduate Studies. Honours and other senior students in Physics may register for certain of these classes, providing they have the necessary prerequisites and have the consent of the Head of the Department.

### POLITICAL SCIENCE

Professor ..... J. H. Aitchison

1. **The Government of Canada.**—(1955-56). M., W. and F. at 2.30 p.m. J. H. Aitchison

An introduction to the study of democratic government and politics with emphasis on the government of Canada.

2. **The Government of the United Kingdom and the United States.**—(1955-56) M. and W. at 12 noon. J. H. Aitchison

Prerequisite.—Political Science 1.

3. **Comparative Government.**—(1956-57). M. and W. at 12 noon. J. H. Aitchison

Prerequisite.—Political Science 1.

A survey of the political systems of the major countries of the world other than those studied in Political Science 1 and 2.

4. **Introduction to Political Theory.**—(1956-57). Tu and Th. at 11 a.m. J. H. Aitchison

A survey of the leading currents in western political thought from Plato to the end of the Middle Ages.

5. **Modern Political Theory.**—(1955-56). Tu. and Th. at 11 a.m. J. H. Aitchison

Political thought from Machiavelli to the present day.

## 6. The State and Economic Life.—(Not given in 1955-56).

J. H. Aitchison

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

A study of the cases, nature and effects of state activity in the economic life of the nations of the British Commonwealth and of the United States in the nineteenth and twentieth centuries.

## 7. The Constitution and Government of Canada.—(Not given in 1955-56).

J. H. Aitchison

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

## 8. International Relations.—(1955-56).

An intensive study of the Canadian federal system with special attention to certain selected problems.

## 10. Morals and Politics.—(Not given in 1955-56).

G. P. Grant,  
J. H. Aitchison

Joint Seminar with the Philosophy Department.

This class is intended for advanced students in either Political Science or Philosophy, and can be elected only with the consent of the Head of the Department in which grouping is to be made.

Arrangements have been made for students of Political Science to take the following courses given in the Law School, subject to the recommendation of the Department.

Constitutional Law

Administrative Law

International Law

Municipal Law

## PSYCHOLOGY

Professors . . . . . F. H. Page (Head of Dept.), L. Thompson Welch  
Associate Professor . . . . . Frances Marshall  
Special Lecturer . . . . . Joan Morris

1. General Psychology.—M., W. and F. at 10 a.m. F. H. Page  
Text Book—Boring, Langfeld and Weld: "Foundations of Psychology".

3. Child Psychology.—(1955-56). M. and W. at 9 a.m. F. H. Page  
Prerequisite.—Psychology 1.  
Text Books—Klineberg: "Social Psychology".

3. Child Psychology.—(1955-56). M., W. and F. at 10 a.m.  
Prerequisite.—Psychology 1. F. H. Page  
Text Book—Hurlock: "Child Development" (2nd. ed).

4. Abnormal Psychology.—W. and F. at 11 a.m. F. Marshall  
Prerequisite.—Psychology 1.  
Text Book—White: "The Abnormal Personality".

\*5. Problems of the Self.—(1955-56 and alternate years). Tu. and Th. at 9 a.m. F. H. Page  
Prerequisite.—Psychology 1 or Philosophy 1.

For Honour and Graduate students. Others will be admitted only with the consent of the instructor.

An investigation, both historical and systematic, of the theories of the relation of mind and body and of the nature of the human personality.

Books Recommended—Broad: "The Mind and Its Place in Nature". Ellis: "The Idea of the soul in Western Philosophy and Science". Laird: "Problems of the Self", "The Idea of the Soul", "Our Minds and Their Bodies". McDougall: "Body and Mind". Russell: "The Analysis of Mind". Ryle: "The Concept of Mind".

\*6. History and Systems of Psychology.—(1956-57 and alternate years). Tu. and Th. at 9 a.m. F. H. Page  
Prerequisite.—At least two classes in Psychology.

Primarily for Honour and Graduate Students but others may be admitted with the consent of the instructor.

Reference Books—Brett: "History of Psychology" (3 vols.), Murphy: "An Historical Introduction to Modern Psychology". Boring: "History of Experimental Psychology". Woodward: "Experimental Psychology", "Contemporary Schools of Psychology". Singer: "Short History of Science".



- \*8. **Theory of Personality.**—M. and W. at 4.30 p.m.  
L. Thompson Welch.

Prerequisite.—Two classes in Psychology.

Primarily for Honour and Graduate Students but others may be admitted with the permission of the instructor.

A study of the main contributions to the theory of personality with reading of additional material covering each of the main determinants, heredity, culture, status, etc.

Text Books—Murphy: "Personality". Allport: "Personality". Kluckhohn and Murray: "Personality in Nature, Society and Culture".

9. **Principles of Mental Health.**—(1956-57 and in alternate years).  
M. and W. at 10 a.m. L. Thompson Welch

Prerequisite.—Psychology 1.

The fundamental principles of mental health and their application to industry, education, social problems and every day life.

Text Book—Carroll: "Mental Hygiene".

10. **Psychology of Learning.**—(1955-56 and in alternate years).  
W. and F. at 12 noon. L. Thompson Welch

Prerequisite.—Psychology 1.

A study of the main contributions to learning theory with special emphasis given to contemporary theories of learning and their experimental basis.

Text Book—Hilgard: "Theories of Learning".

11. **Experimental Psychology and Statistics.**—Tu. and Th. at 2.30 p.m. and a two-hour laboratory period each week. L. Thompson Welch

Prerequisite.—Psychology 1.

The course gives a general coverage of experimental contributions to psychology with discussion of techniques and the scientific method in psychology. In addition the student will conduct a series of psychological experiments. Part of the course will deal with the main statistical techniques necessary to an understanding of research in psychology.

Text Books—Woodworth: "Experimental Psychology". Andrews: "Methods of Psychology". Guilford: "Fundamental Statistics in Psychology and Education" (2nd ed.).

12. **Psychometrics.**—Tu. and Th. at 11 a.m. F. Marshall  
Prerequisites.—Psychology 1, Psychology 11, and at least one of Psychology 2, 3, or 4.

The theory and construction of individual and group mental tests; statistical procedures; the examination of representative tests; supervised practice in the administration of the Terman-Binet and Wechsler-Bellevue tests of intelligence.

Text Books—Freeman: "Theory and Practice of Psychological Testing". Terman and Merrill: "Measuring Intelligence". Wechsler: "The Measurement of Adult Intelligence".

**Psychology of Religion:** see Affiliated Courses (Divinity)

**Russian:** see Modern Languages

**Spanish:** see Modern Languages

**Sociology:** see Economics

**Zoology:** see Biology



