



CALENDAR

OF THE

University of King's College

(Founded A. D. 1789)

(In Association with Dalhousie University)

HALIFAX, NOVA SCOTIA

1952-1953

164th SESSION

Published under the direction of the
Board of Governors

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University Almanac 1952-1953

1952

- Aug. 18 M. —Last day for receiving applications* for Fall Supplemental Examinations.
- Sept. 20 S. —**Matriculation and Supplemental Arts and Science Examinations†† begin.**
 —9.30-12.30 a.m., Latin; German.§
 —2.30-5.30 p.m., English.
- 22 M. —9.30-12.30 a.m., French; Greek.§
 —2.30-5.30 p.m., Physics.
- 23 Tu. —9.30-12.30 a.m., Geometry.
 —2.30-5.30 p.m., Chemistry.
- 24 W. —9.30-12.30 a.m., Algebra.
 —2.30-5.30 p.m., Trigonometry; History.§
- 22 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.
- 23 Tu. —Registration begins for other New Students in Faculty of Arts and Science.
- 24 W. —Registration begins for other than New Students in Faculty of Arts and Science.
- 27 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.
- 28 S. —University Service with Special Preacher.
- 29 M. —Results of Matriculation and Supplemental Examinations declared.
 —9 a.m. **Classes begin in Arts and Science.**
- 30 Tu. —12 Noon. Meeting of Faculty of Arts and Science.
- Oct. 6 M. —12 Noon. **Registration in Arts and Science ends.**
 —Last day for change of courses in Faculty of Arts and Science.§§
- M. —Thanksgiving Day. (No classes if statutory holiday).
- Nov. 11 Tu. —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 30.

- Dec. 12 F. —Last day of lectures in classes in which Christmas Examinations are held.
- 15 M. —3.00 p.m. **Christmas Examinations†† begin.**
- 20 S. —1.00 p.m. Christmas vacation begins.

1953

- Jan. 5 M. —9 a.m. **Classes resumed.**
- Mar. 10 Tu. —**Munroe Day.** No classes.
- April 3 F. —**Good Friday.** No classes.
- 17 F. —**Last day of classes.**
- 20 M. —**Spring Examinations†† begin.**
- May 7 Th. —**Encaenia Day.** **King's Convocation — Divinity and Journalism.**
- 7 Th. —11 a.m. Meeting of Faculty of Arts and Science.
- 9 S. —11 a.m. Meeting of Senate.
- 12 Tu. —9.30 a.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

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The Right Reverend the Lord Bishop of Nova Scotia.

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Sen. C. G. Hawkins	Milford, N. S.

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Lionel A. Forsyth, Q.C., M.A., D.C.L.	Montreal, Que.
Miss Z. T. Horsfall, M.A., Hon. Fell.	Halifax, N. S.
Rev. Canon G. M. Ambrose, M.A.	Halifax, N. S.
O. B. Smith, Esq., B.Sc.	Glace Bay, N. S.
W. L. Muir, B.A., M.D., C.M., Hon. Fell.	Halifax, N. S.
Rev. H. E. Dysart, B.A.	Halifax, N. S.
W. S. K. Jones, B.A., LL.B.	Liverpool, N. S.
R. A. Ritchie, Esq., B.A.	Halifax, N. S.
W. A. Winfield, Esq.	Halifax, N. S.

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The Right Reverend the Lord Bishop of Fredericton	
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Mrs. S. M. Simonson, Assistant Librarian
Mrs. Mary McRitchie, Supervisor of Domestic Staff

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J. A. Hobson, Esq.	R. A. Ritchie, Esq.
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University of King's College

(In Association with Dalhousie University)

HISTORICAL SKETCH

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

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

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 Divinity.

ORGANIZATION OF THE UNIVERSITY

The Board of Governors is the supreme governing body of the University. As defined by the Acts of 1923, it consists of the Bishops of the Dioceses of Nova Scotia and Fredericton, the President of the University and the Treasurer, together with ten members elected by the Alumni Association and eight by each of the Synods of Nova Scotia and Fredericton. The Governors have the management of the funds and property of the College, and the power of appointment of the President, professors and officials. The Board appoints an Executive Committee.

University of King's College

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(In Association with Dalhousie University)

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

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

The academic facilities in Arts and Science are shared by the students of both institutions, and the students of King's College have the added advantage of residential life in King's College buildings on 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 22, 1952, until the morning of December 20, 1952; and from the evening before the day on which lectures commence in January, 1953, to the morning after Encaenia Day, 1953; (in the case of students expecting to receive their degrees this time will be extended to the morning following Dalhousie Convocation).

Hours

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

Meals in Rooms

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

Guests

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

Intoxicants

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

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

Fraternities

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

Behaviour

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

Chapel

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

Gowns

Students are required to wear academical costume at meetings of Convocation, at all College lectures and examinations; and all students are required to wear gowns in Chapel, at din-

ner in Commons Hall and on other occasions when so ordered. The academical habits shall be such as have been customarily worn in King's College in times past.

Expenses

The annual charge to Resident Students for board, light, etc., is from \$425.00 to \$475.00, 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 \$16.50 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 to see that order is maintained. Every professor or officer of the College is required to report any cases of improper conduct

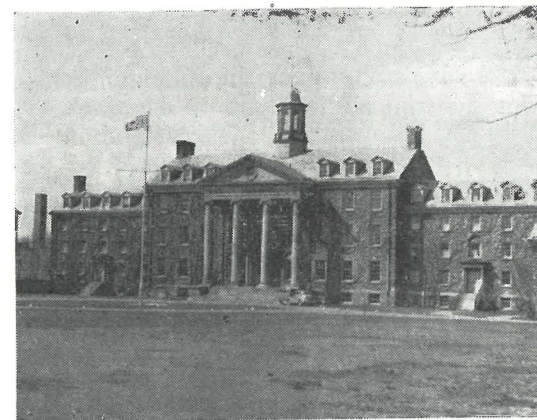
that may come under his notice. Students conducting themselves in an unbecoming manner on or beyond the premises of the College during the session may be fined, suspended or expelled.

WOMEN'S RESIDENCE

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

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

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



GENERAL UNIVERSITY REGULATIONS†

Registration

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

STUDENTS' HEALTH SERVICE

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

2. The service provides for the following:

- (a) A medical examination at the beginning of each session.
- (b) X-ray examination of the chest each session.
- (c) Medical service for minor ailments at the Dalhousie Public Health Clinic from twelve noon to one p.m. daily except Sundays.
- (d) Such medicines (except antitoxic sera, insulin or other unusual preparations) and dressings as may be prescribed.
- (e) A free clinic for immunization against diphtheria, scarlet fever and smallpox (vaccination) is held every Wednesday at 2.00 p.m. at the Dalhousie Public Health Clinic.

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

(g) Hospitalization:

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

3. The service does not provide for the following:

- (a) Surgical operations.
- (b) Specialist's treatment.
- (c) Special nursing.
- (d) Dental treatment.
- (e) X-rays except the annual examination of the chest.

- (f) Physician's fee for attendance elsewhere than at the Dalhousie Public Health Clinic, except as stated in Section 2 (f) hereof.
- (g) Illness attributable to misconduct.
- (h) Hospitalization except as stated in Section 2 (g) hereof.
- (i) Any other service not specified in Section 2 hereof.
- (j) Obstetrics, and hospital rates connected therewith.

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

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

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

7. Coverage under Student's Health Service is dependent upon the registration fee paid by the student as follows:

- (a) The registration fee of \$79.00 provides complete student health service as noted above.
- (b) The registration fee of \$51.00 provides complete student health service as noted above with the exception of hospital benefits.
- (c) The registration fees of \$29.00, \$12.00 and \$7.00 provide for annual health examination, and entitles the student to attend the daily sick parade at the Dalhousie Public Health Clinic, but does not entitle the student to hospital service or home visits.

Physical Training

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

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

Tutors

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

Discipline

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

Students are expected to be in attendance on the first day of term, and to remain in attendance until the last day of term, as set forth in the calendar. 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 Junior Year.

King's College Library

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

*These regulations do not apply to the Dramatic Society.

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 open 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.

Unclaimed Deposits

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

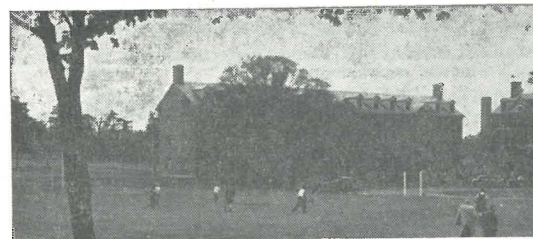
placement of graduates. In these matters it is assisted by the University. An official of the National Employment Service will be on the campus when necessary during the session. The regular office is at 4 Hollis Street, Halifax.

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



Academic Staff

KING'S FACULTY OF ARTS AND SCIENCE 1952 - 1953

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

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

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

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

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

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

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, M.A. (Dal. et Tor.), Sessional Lecturer in History.

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. 22, 1952, and ends May 12, 1953

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 22 and 23.

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 or for a degree in a professional course.

For details of admission to the professional courses, see

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 \$7.00. 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 (see pp. 19, 20) 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, Trigonometry, Latin, Greek, French, German, Spanish, Russian.

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

For a degree in Arts one matriculation language must be Latin or Greek; and for Science one must be French, 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 20 to 24, 1952. 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	Trigonometry	Spanish
History (British, Ancient or Modern)	Greek	Physics
Algebra	Latin	Chemistry
Geometry	French	Biology
	German	†Music

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

†See page 23.

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

Students who intend to write any of these examinations must apply to the Registrar's Office before September 15, 1952. §

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.—Seary and Paterson: "The Story of Civilization" (as taught in Grade XI in the Schools of Nova Scotia).

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

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

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

Greek.—As under Latin.

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

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 62.

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 Sourds". 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 Certificates

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

Greek 1, Latin 1, French 1, German 1, English 1,

History 1, Mathematics 1*.

The certificates to which these provisions apply are the following:

- (a) High School or Accredited School Certificate† of Grade XII of Nova Scotia issued by the Department of Education;
- (b) Third Year Certificate as issued by Prince of Wales College, Prince Edward Island;
- (c) Certificate of the first year of Memorial University 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 sup-

*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.

plemental 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 registered. 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 ten University classes, namely, English 1, Philosophy 1, Mathematics 1, Chemistry 1, 2, 4, Physics 1, Biology 1, Zoology 2, and an elective which may be chosen from History 1, History 20, German 3. The course in Medicine is one of five years subsequent to such admission.

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

Admission ad Eundem Statum

Students from other Universities desiring to enter classes in this University may, on producing satisfactory certificates, be admitted 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.

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.

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.

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.

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

GENERAL FACULTY REGULATIONS

Admission to Classes

1. No Undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications (see p. 18 et seq).

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

3. Five classes shall be regarded as constituting a normal year's work for a student in good standing, 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.

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 26, 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

*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.

which he obtained a final mark below 25%. A student who fails to write or to pass the Supplemental examination can obtain credit for this class only by passing a Special* examination.

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

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

A student wishing to appear as a candidate at a Supplemental or Special examination shall be required to give notice of his intention to the Secretary of the Committee on Studies and Attendance on or before August 15, the fee (see p. 32) to be remitted with the notice.

A student will not be granted a degree who has passed more than five classes by supplemental examinations. (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 Dalhousie University from the Preliminary Examinations leading to the LL.B. degree of that University.

FEES

All Fees and Deposits for Tuition in Arts and Science are payable in advance at Dalhousie University and until these are paid the student will not receive credit for attendance upon any class nor be admitted to any examination. Students who, by December 1st, have not completed satisfactory arrangements regarding fees with the Dalhousie Business Office will not be permitted to sit for the Christmas examinations.

FOR REGISTRATION*

Payable by students taking only one class in the University (including Library Fee of \$5.00) (but excluding Student Health Service)	\$ 29.00
Payable by students taking two classes in the University (including Library Fee of \$5.00)	51.00

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

Payable by students taking more than two classes (including Library Fee of \$5.00)	\$ 66.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day (maximum \$10.00)	2.00

FOR TUITION

For each class not involving work in laboratory or draughting-room	\$ 30.00
For Education 1	32.00
For laboratory classes in—Geology	50.00
“ “ “ —Biology, Botany, Zoology	50.00
“ “ “ —Physics, Chemistry	50.00
For changing course of study after October 6th,	1.00

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

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

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 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. 12

Caution Deposit, see p. 12

Fee for Student Organizations, see p. 12

Dalhousie Library Caution Deposit, see p. 18

Laboratory Deposit, see p. 18

King's College Office Hours, see p. 5

DEGREES AND COURSES

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

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

(A) Ordinary Degree. See p. 32

(B) Degree with Honours. See p. 34

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

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

(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. 34.

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

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

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

Lists of the elective classes chosen by students must be submitted for approval not later than Monday, October 6th, 1952.

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, Italian..	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	

†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.40.

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 33.

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. 29, 31) except that in special cases, on recommendation of

the department concerned, the Committee on Studies may allow the substitution of an advanced class in one of the sciences for the imperative in another;

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

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



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 Founder of the College, Bishop Chas. Inglis, first overseas Bishop of the Church of England.

OTHER COURSES

Master of Arts and Master of Science

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

Diploma in Education

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

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

Diploma in Journalism

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

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

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

School of Divinity

DIVINITY FACULTY

President: Rev. A. Stanley Walker, M.A. (Leeds, Birm. et Vind.), B.Litt. (Exeter College, Oxon.), LL.D. (Dal.), D.D. (Queen's). Church History; Homiletics and Moral Theology.

Dean: Rev. J. H. A. Holmes, M.A., B.D., Hon. D.D. (Vind.), Biblical Literature; Church History; Dogmatic Theology and Ceremonial.

Rev. S. H. Prince, M.A. (Tor.), Ph.D. (Col.), D.D. (Wyc.), Professor of Sociology, and Apologetics; and Owen Lecturer in English Bible.

Rev. C. W. F. Stone, B.A., B.D., (Vind.), Associate Professor in Liturgics, Biblical Literature and Elementary Greek.

Rev. H. E. Dysart, B.A. (Vind.), Lecturer in Pastoral Theology.

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

Rev. Canon E. Malone, M.A., D.D., Chaplain.

Maitland Farmer, Mus. Bac. (Tor.), F.R.C.O., L.R.A.M., Lecturer in Church Music.

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

*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.

‡Hebrew may now be taken as a language course. 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.

- (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 28.
- (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, September 30th. 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.

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

For those 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 five years of the following courses in Arts, viz: Latin, Greek, Hebrew, English, History, Sociology and Philosophy, of which Sociology must be one, and either Greek and Latin or Greek and Hebrew must be two as well as the whole Divinity course.

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.

*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

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).

Prerequisite—Greek 1.

Synoptic Gospels, and Introduction to Textual Criticism.

Greek Testament 2—(Two hours a week).

St. John and Acts.

Greek Testament 3—(See Distinctions).

Biblical Literature

English Bible 1 and 2—*(Arts Option).

An introduction to the systematic study of the English version, in harmony with the results of biblical scholarship. Construction. Contents and religious values. The course is designed to acquaint the student with a first hand book-by-book knowledge and appreciation of the Bible itself.

English Bible 1—Old Testament—(1952-53)—(Two hours a week).

English Bible 2—New Testament—(1953-54)—(Two hours a week).

English Bible 3(1953-54).

Prerequisite—English Bible 1.

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

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

English Bible 4—(1952-53)—(Two hours a week).

Prerequisite—English Bible 2.

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

Church History

Church History 1—(1953-54)—(Two hours a week). (Alternate years). General Church History to 1500.

Church History 2—(1953-54)—(Two hours a week). (Arts Option). (Alternate Years).

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

Church History 3—(See Distinctions). (1952-53). (Alternate Years).

Continental Reformation and Counter-Reformation.

Church History 4—(See Distinctions). (1953-54). (Alternate Years).

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

Hebrew

(Two years Hebrew required for Testamur.)

Hebrew 1—(Three hours a week). (Arts Option). Grammar and translation, (the first few chapters of Genesis).

Hebrew 2—(Two hours a week). Selected prose extracts.

Hebrew 3—(See Distinctions). Selections from Psalms and Prophets.

Dogmatic Theology

Dogmatics 1—(1953-54). (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—(1952-53). (Two hours a week).

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

Liturgics

Liturgics 1—(1953-54)—(One hour a week). (Alternate Years).

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

Liturgics 2—(1952-53)—(One hour a week). (Alternate years).

History and analysis of the Tudor Books and the present rite.

Liturgics 3—(One hour a week).

The Prayer Book in the Parish.

Apologetics

Apologetics 1—History of Religion. (1952-53). (One hour a week).

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

Apologetics 2—Philosophy of Religion. (1953-54). (One hour a week).

Basic ideas in religion. Analysis of sources of belief. Examination of antitheistic theories. Christian evidences.

Homiletics, Pastoral Theology, and Moral Theology

Homiletics—(1952-53)—(Two hours a week). (Alternate years).

Composition of Sermons, Theory and Practice of Preaching.

Pastoral Theology—(1953-54)—(One hour a week). (Alternate years).

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

Moral Theology—(1953-54)—(One hour a week). (Alternate Years).

Text Book: Kirk—Some Problems in Moral Theology.

Patristics

Patristics—(See Distinctions).

Selected Treatises from Greek and Latin Fathers.

Ceremonial

Ceremonial—(One hour a week). Seminar course in the conduct of the services of the Church. (For senior students).

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.

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.

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

(c) Principles of Teaching.

(d) Organization and Management of Religious Education.

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

TUITION FEES

The Tuition for students taking the whole 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 Dean of Divinity, 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 COLLEGE
MOUNT SAINT VINCENT COLLEGE**

The School is conducted under its own Board of Governors.

Board of Governors:

Chairman—Rev. Canon A. Stanley Walker, M.A., B.Litt., LL.D., D.D.,
(President of King's).

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.

Academic Staff:

Frank W. Doyle, **Director of Studies**, Associate Managing Editor
The Halifax Chronicle-Herald.
R. Vaughan, **Lecturer**.
B. O'Connell, **Lecturer**.
W. Graham Allen, **Lecturer**.
Martin Livingston, **Lecturer**.
E. F. Donohoe, **Lecturer**.

ENTRANCE REQUIREMENTS

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

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 25.

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 Monday, September 8, 1952. Second term begins Monday, January 5, 1953.

TUITION FEES

Private lessons, Adults, one hour lesson	\$65.00	per term
“ “ “ Half hour	35.00	“ “
“ “ Juniors (16 & 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. Lipping and stuttering.

Breathing. To have this diaphragmatic and easy.

Pronunciation. Clear articulation and on proper pitch.

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.

SCHOLARSHIPS AND PRIZES

(See footnote p. 55)

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 three or four 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.

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—\$10

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—\$100

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 Aikens Historical Prize—\$30

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

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. 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. G. D. Anderson, 17 Connaught Avenue, 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."

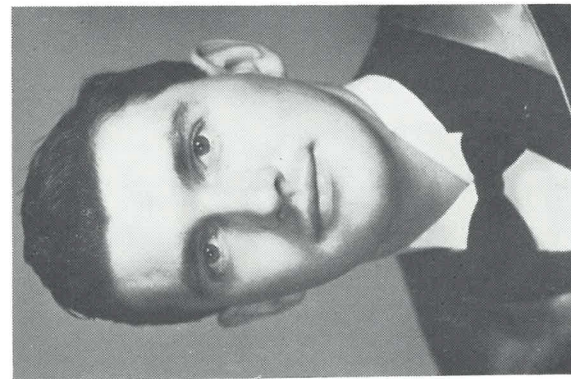
RHODES SCHOLARS FROM THE UNIVERSITY OF KING'S COLLEGE



PETER HANINGTON, recently of
Magdalen College.



DAVID MORGAN, now at Oriel
College.



IAN HENDERSON, now at Exeter
College.

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.

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 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 1951-52).

**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.

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

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

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

The Wiswell Trust Divinity Studentship—\$100

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 one hundred and fifty dollars (\$150) 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.

Clara E. Hyson Prize—\$5.00

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

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—\$25

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.

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.

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.

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' 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' College Amateur Athletic Association

The object of this association is the promotion of amateur sports of all kinds. The K.C.A.A.A. is affiliated with the Maritime Provinces Amateur Athletic Association, and is governed according to the rules of that association. Membership is open to all members of the College.

King's College Co-ed's Association

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

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 Women's Amateur Athletic Association and is governed accordingly 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 40 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., President, 64 Wentworth Street, Dartmouth, N. S.

Rev. H. G. Smith, Vice-President, Canterbury, N. B.

Miss Doris L. Harrison, Secretary, 281 Tower Road, Halifax, N.S.

W. E. Jefferson, B.Sc., Treasurer, 302 South Street, Halifax, N. S.

The Alexandra Society of King's College

This Society, which has branches all over the Maritime Provinces, was formed in Halifax in 1902 as the Women's Auxiliary to the Alumni, its object to aid the Alumni in raising funds for the College. It maintains an annual scholarship (see page 48), 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. F. R. Peveril, 37 Regina Terrace, Halifax.

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. J. F. Connelly, 27 Edward St., Halifax.

Recording Secretary—Mrs. G. W. Fry, 86 Preston St., Halifax.

Treasurer—Mrs. V. E. McSweeney, 7 Bligh Street, Dartmouth, N. S.

Calendar Secretary—Miss E. McCaughin, 118 Oxford Street, Halifax, N. S.

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).
 Commerce.
 Divinity (Church History, Philosophy and Psychology of Religion, New Testament Greek).
 Drawing: see Engineering.
 Economics and Sociology.
 Education.
 Embryology: see Biology.
 Engineering classes:
 Drawing.
 Mechanics.
 Surveying.
 English Language and Literature.
 Fine Arts.
 French: see Modern Languages.
 Geology and Mineralogy.
 German: see Modern Languages.
 Greek: see Classics, Divinity (King's).
 Hebrew: see Divinity.
 Histology and Embryology: see Biology.
 History.
 Italian: see Modern Languages.
 Latin: see Classics.
 Law.
 Mathematical Physics: see Physics.
 Mathematics.
 Mechanics: see Engineering.
 Medicine.
 Modern Languages (French, German, Italian, Russian, Spanish).
 Music.
 Pharmacology: see Biology.
 Philosophy.
 Physics (Physics, Mathematical Physics).
 Physiology: see Biology.
 Political Science.
 Psychology.
 Russian: see Modern Languages.
 Spanish: see Modern Languages.
 Sociology: see Economics.
 Surveying: see Engineering.
 Zoology: see Biology.

CLASSES OF INSTRUCTION

Classes marked * are designed for those taking
Honours Courses

Biblical Literature

Lecturer.....Elias Andrews

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 includes a study of the following subjects: The origins and sources of Biblical Literature; the history of Palestine and its relation to other ancient civilizations; the origin and growth of the Hebrew Prophecy, Hebrew Law, Hebrew Wisdom, and Hebrew Poetry; the origin and development of Apocalyptic Literature; the rise of Judaism; the beginnings of Christianity; the oral and written sources behind the Gospels; the Pauline Letters, and the literary expression of the Christian Faith which completes the New Testament Canon. An attempt is made to furnish the student with an intelligent approach to the whole field of Biblical Study.

For reference: J. A. Bewer, "The Literature of the Old Testament"; E. F. Scott, "The Literature of the New Testament"; T. W. Manson, "A Companion to the Bible"; M. E. Chase, "The Bible and the Common Reader".

Biochemistry: see Chemistry

BIOLOGY

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

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

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

Botany

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

Assistant Professor.....

Assistant.....Jane M. Bailly

2. **General Botany.**—(1953-54). Lect.: M. and W. at 2.30 p.m. Lab.: M. and W. 3.30 to 5.30 p.m. H. P. Bell

Prerequisite.—Biology 1.

3. **Economic Plants, Their Structure and Use.**—(1952-53). Lect.: Tu. and Th., 2.30 to 3.30 p.m. Lab.: Tu. and Th. 3.30 to 5.30 p.m. H. P. Bell

Prerequisite.—Biology 1.

6. **Angiosperms, Classification and Distribution.**—(1952-53). Lect.: M., W. and F. at 9 a.m. Lab.: Three hours per week H. P. Bell

Prerequisite.—Biology 1.

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

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

For Honours and Graduate students.

Prerequisite.— Botany 2 or Botany 3.



Zoology

Professor..... F. Ronald Hayes
Associate Professor..... D. Pelluet

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

Prerequisite.—Biology 1.

3. **Invertebrate Animals, Their Structure, Life History and Parasitic Relations to Man.**—(1952-53). Lect.: M. and W. at 2.30 p.m. Lab.: M. and W., 3.30 to 5.30 p.m. D. Pelluet

Prerequisite.—Biology 1.

4. **Evolution, Genetics and Experimental Embryology.**—(1953-54). 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.**—(1953-54). 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.**—(1952-53). 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. **Cytology and Histology Technique.**—(1953-54). Lect.: M. and W. at 9 a.m. Lab.: M. and W., 10 a.m. to 12 noon. D. Pelluet

This class is limited to six students, and permission to enrol should be obtained in advance.

8. **Advanced Cytology.**—(1952-53). Lect.: Two hours per week. Lab.: Four hours per week. D. Pelluet

Prerequisite.—Zoology 7.

This class deals with 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 3.00 p.m., Sat. at 12 noon. Lab.: F. at 3.00 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.

Biological Seminar

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

Summer Courses

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

Histology and Embryology

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

CHEMISTRY

Professors.....	C. C. Coffin, (Head of Dept.), W. J. Chute (Director of Laboratories)
Assistant Professors.....	D. E. Ryan, W. R. Trost
Laboratory Assistants (1951-52).....	G. E. Cheney, G. A. Dauphinee, M. J. Fraser, G. D. Lutwick, J. MacAllister, J. M. Reeves, W. S. A. Singh, S. M. Tancoo, Maria Thomas

Students who have taken Grade XII Chemistry and who wish to specialize in Chemistry should consult 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 Books—Pauling: "General Chemistry". Malm and Frantz: "Laboratory Course for Pauling's General Chemistry".

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. C. C. Coffin, D. E. Ryan

Prerequisite.—Chemistry 1.

Text Books—Chapin and Steiner: "Second Year College Chemistry". Other texts to be announced.

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

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—To be announced.

The following undergraduate classes are primarily designed for students intending to take Honours in Chemistry. (See page 35). Chemistry 7 should be taken in the third year and Chemistry 8 in the fourth year. Chemistry 5 and 6 may be taken in either 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.: Two three hour periods per week. C. C. Coffin

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

Books Recommended—Daniels: "Theoretical Chemistry". Daniels, Matthews and Williams: "Experimental Physical Chemistry". "Handbook of Chemistry and Physics".

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 and 4.

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

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

7. Semi-micro Qualitative and Quantitative Analysis.—Lect.: M. and W. at 11 a.m. Lab.: At least six hours per week. D. E. Ryan

Prerequisite.—Chemistry 2, Physics 1 or 2.

Text Books—Middleton & Willard: "Semimicro Qualitative Analysis". Olson, Orele-
mann & Koch: "Introductory Quantitative Analysis".

8. Inorganic and Analytical Chemistry.—Conferences and Lab.: 8 hours per week. D. E. Ryan

Prerequisite.—Chemistry 7, Physics 3.

Text Books—To be announced.

In this course modern instrumental methods of analysis will be emphasized.

Biochemistry

The class Biochemistry 2 (see page 144) may be offered as an undergraduate elective.

11. Undergraduate Research for Honours students.

Other classes available to Honours and Graduate Students, and others who satisfy the instructor that they are qualified, are listed on page 175.

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

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". Euripides: "Alcestis". Greek Grammar. Greek Prose. Exercises in sight translation. Greek Literature.

Text Books—Plato: "Euthyphro" (Graves, MacMillan). Euripides: "Alcestis" (Hadley, Pitt Press). North and Hillard: "Greek Prose Composition" (Rivingtons, London). Goodwin-Gulick: "Greek Grammar" (Ginn). "Ancient Greek Literature" (Bowra, Home University Library, O. U. P.).

2. M., W. and F. at 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. (1952-53). 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).

4. (1953-54). 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. (1952-53). Hours to be arranged.

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

6. (1953-54). 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.

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: "Aeneid I" (Bell or MacMillan).

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.

Caesar: "Gallic War I". Vergil: "Aeneid VI". Latin Grammar. Latin Prose. Exercises in Sight Translation. Roman Life.

Text Books—Caesar: "Gallic War I" (Bell or MacMillan). Vergil: "Aeneid VI" (Bell or MacMillan). Allen and Greenough: "New Latin Grammar" (Ginn). North and Hillard: "Latin Prose Composition" (Rivingtons). "Roman Panorama" (Grose-Hodge, MacMillan).

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

Prerequisite.—Latin 1.

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. (1952-53). Tu., Th. and S. at 11 a.m. 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 Brodrick, MacMillan).

4. (1953-54). Tu., Th. and S. at 11 a.m. 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 and Epistles" (Morris, Am. Book Co.).

5. (1952-53). Hours to be arranged. A. K. Griffin

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

6. (1953-54). 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 those prescribed by the Department of Education in Nova Scotia for High School Study.

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

Classical Civilization

1. Classical Life and Literature.—M., W. and F. at 9 a.m.

Prerequisite.—Latin 1.

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

Test papers and essays will be set each week.

This is an advanced class. It will not be given unless a sufficient number of students apply.

Text Books—Homer: "Iliad and Odyssey" (Everyman's Library). Vergil: "Aeneid" (World's Classics). Ward Fowler: "Rome" (Home University Library, Ox. U.P.).

COMMERCE

Professor R. S. Cumming, (Head of Department).
Associate Professor Wilfred Berman
Lecturer C. F. Fraser
Special Lecturer H. Churchill-Smith
Demonstrators J. R. Arbing, B. G. Irwin

1. Accounting.—(Given every year). M., W. and F. at 2.30 p.m., and S. at 10 a.m.

Instructions to books of Account and Financial Statements; transactions through the books of original entry; notes and bills of exchange and other commercial paper; inward and outward consignments; capital and revenue expenditure; bank reconciliations; work sheet; preparation of statements.

2. Accounting.—(Given every year). M., W. and F. at 3.30 p.m.

Prerequisite.—Commerce 1.

Partnerships, corporations and manufacturing accounts; operating statements and balance sheets; departmental accounts.

3. Accounting.—(Given every year). M., W. and F. at 10 a.m.

Prerequisite.—Commerce 2.

Investigations and reports; comparative balance sheets and operating statements; sources and application of funds; branch accounts; auditing; audit working papers; Dominion and Provincial audit procedure.

4. Accounting.—(Given every year). M., W. and F. at 12 noon.

Prerequisite.—Commerce 2.

Cost accounting; budgets; holding companies; re-organizations; mergers and amalgamations; executorships; bankruptcy and liquidation accounts; income taxes; public utility, governmental, trust and stock brokerage accounts.

5.—Accounting Seminar.—(Given every year). Tu., 6 to 8 p.m.

Prerequisite.—Commerce 3 and the consent of the instructor.

Major topics discussed will include: systems and special considerations in the accounting and audit of the following: banks; insurance companies; lumbering companies; pulp and paper companies; chain and department stores; hospitals; clubs; hotels.

6. Economics of Business.—(Given every year). M., W. and F. at 10 a.m.

A basic course, providing an introduction to those sectors of economics likely to be most useful to the business executive. Includes a study of demand, production, costs, prices, wages and employment, profits, risks and insurance, business stabilization.

Lectures and class discussions are supplemented by cases designed to provide practice in the economic analysis of typical business problems.

6A. Economics of Business.—(Given every year). M., W. and F. at 10 a.m.

This course is intended for Engineering students only.

7. Marketing.—(1952-53). Tu. and Th. at 11 a.m.

Prerequisite.—Economics 1.

The evolution of markets and marketing; market structure, organization and behaviour; marketing functions; pricing and price policy; marketing problems of producers of raw materials, agriculturists, manufacturers, wholesalers and retailers; marketing costs and efficiency; public and private regulations.

Representative cases are presented to students for class discussions or written reports for the purpose of developing an ability to analyze marketing problems.

8. Seminar in Industrial Relations.—(Given every year). W. at 3.30 p.m.

Prerequisite.—Economics 1.

This course deals with the main economic and social forces which affect management in its relationships with labour and government; the economic, political, legal and administrative factors bearing on public policies affecting business; and the problems of business responsibility created by the expanding scope of government's economic activities.

9. Economic Geography.—World Industries and Resources.—(1953-54 and in alternate years). Tu and Th. at 11 a.m.

Prerequisite.—Economics 1.

This course describes and analyzes the regional distribution of the world's resources, industries, and population. A study is made of the distribution and comparative importance of manufacturing, mining, forestry, agriculture, and trade, in relation to such factors as power resources, raw materials, climate, landforms, centres of population, and world trade routes. It is designed to provide an essential background for understanding industrial and commercial opportunities and limitations in various areas of the world.

Each student is required to prepare written reports on assigned readings.

10. Industries and Resources of North America.

Special class for graduate students.

11. The Regional Economy of Latin America.

Special class for graduate students.

12. Industrial and Commercial Structures of Europe.

Special class for graduate students.

13. The Regional Economy of Africa, Australia and New Zealand.
Special class for graduate students.

14. General Economic History.—(Given every year). Tu. and Th. at 9 a.m.

Prerequisite.—Economics 1.

A study of the place of economic life in human societies. Ancient empires and city states, medieval urban economy, manorial system, mercantilism and liberal capitalism are considered in relation to a limited number of patterns of economic behaviour.

Each student is required to prepare written reports on assigned readings.

15. Economic History of the United States and Canada.

Special class for graduate students.

16. Economic History of the Great Powers since 1815.

Special class for graduate students.

17. Economic Development of the British Empire.

Special class for graduate students.

18. Seminar in Economic Institutions.—(1952-53, and in alternate years). Tu. at 3.30 p.m.

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

An examination of the origin and development of the institutions which comprise the modern economic organization.

Each student is required to prepare written reports on an approved topic. Discussion is based on these reports and on assigned readings.

19. Seminar in Economic and Business Problems.—(1953-54 and in alternate years). Tu. at 3.30 p.m.

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

This course is designed to develop competence in the analysis of the economic environment in which business is conducted. Business and other economic processes are examined from the point of view of the economy as a whole, and the economic aspects of public policy in the relations of government to business are considered. Topics receiving emphasis include: employment, prices, national income, business fluctuations, competition, monopoly, and government regulation.

Each student is required to prepare written reports on an approved topic. Discussion is based on these reports and on assigned readings.

20. Law Class.—Contracts.—(Given every year). Tu., and Th. at 3.30 p.m.

This course includes a study of the general principles of the law of Contracts. Given in the Faculty of Law.

Commerce Discussion Club.—Discussions on recent developmets in business; presentation of papers by senior students; reviews of current journals; talks by business men and government officials.

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The remaining compulsory and approved classes to be taken to complete the requirements for the degree of Bachelor of Commerce are given in other departments of the Faculty of Arts and Science. (See page 33).

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The Institutes of Chartered Accountants of Nova Scotia, New Brunswick and Prince Edward Island offer exemptions to graduates in Commerce of this University who are seeking the diploma in Chartered Accountancy. The classes in Commerce 3 and 4 are designed to provide an equivalent course of instruction required of third year students in Chartered Accountancy.

The Society of Industrial and Cost Accountants offers exemptions to graduates in Commerce of this University who are seeking the diploma in Registered Industrial Accountancy.

DIVINITY

Church History

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

New Testatment Greek

Prerequisite.—Greek 1.

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

Drawing: see Engineering

ECONOMICS and SOCIOLOGY

Economics

Professors..... W. R. Maxwell (Head of Dept.),
S. H. Prince.
Assistant Professor..... J. F. Graham

1. **Principles of Economics.**—Tu., Th. and S. at 11 a.m.
W. R. Maxwell
 2. **Money, Banking and International Trade.**—(1952-53). M., W. and F. at 9 a.m.
W. R. Maxwell
Prerequisite.—Economics 1.
 3. **Labour Problems.**—(1953-54). M. and W. at 11 a.m. S. H. Prince
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.**—(1953-54). M. and W. at 11 a.m.
W. R. Maxwell
Prerequisite.—Economics 1.
 5. **Public Finance.**—(1952-53). Tu. and Th. at 2.30 p.m. J. F. Graham
Prerequisite.—Economics 1.
 6. **Economic Statistics.**—(1953-54). Lect.: M., W. and F. at 9 a.m.
Lab.: W., 3.30 to 5.30 p.m., or Th. 3.30 to 5.30 p.m. J. F. Graham
Prerequisite.—Economics 1 and Mathematics 1.
 7. **Problems of Economic Theory.**—(1952-53). Tu. and Th. at 10 a.m.
J. F. Graham
Prerequisite.—Economics 1.
 8. **The National Income and Its Fluctuations.**—(1952-53). M. and W. at 11 a.m.
J. F. Graham
Prerequisite.—Economics 1 and the consent of the instructor.
 9. **Seminar.**—(1952-53). 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.**—(1954-55). Tu. and Th. at 10 a.m.
J. F. Graham
Prerequisite.—Economics 1.
 13. **Economic Problems of Canada.**—(1953-54). Tu. and Th. at 2.30 p.m.
J. F. Graham
Prerequisite.—Economics 1.
 14. **Seminar.**—(1953-54). Tu. and Th. at 9 a.m. W. R. Maxwell
Prerequisite.—Economics 1 and the consent of the instructor.

Sociology

Professor..... S. H. Prince

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

Text Books—Lumley: "Principles of Sociology" (2nd Ed.). Davis: "Human Society". Dawson and Gettys: "Introduction to Sociology" (3rd Ed.). MacIver: "Society: A Text Book of Sociology".

2. **The Modern Community.**—(1953-54). Tu. and Th. at 2.30 p.m.

Prerequisite.—Sociology 1 or Economics 1.

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

Text Books—Osborn and Neumeyer: "The Community and Society". Thompson: "Population Problems". 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.**—(1952-53). 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.**—(Not given in 1952-53).

Prerequisite.—Sociology 1 or Economics 1.

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

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

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

5. **Sociological Theory.**—(1952-53). Hours to be arranged.

Prerequisite.—Sociology 1.

Text Book—Lichtenberger: "Development of Social Theory".

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

6. **Seminar in Social Reconstruction.**—(1952-53). Tu. and Th. at 2.30 p.m.

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.**—(1953-54). 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.**—(Not given in 1952-53).

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.

Public Administration (Welfare).

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

Social Work

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

EDUCATION

Professor..... A. S. Mowat

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

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

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

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

2. **The History of Education.**—Th., 10 a.m. to 12 noon.

A survey of the history of education in Europe and America, followed by a study of modern school systems in selected countries.

Text Book—N. Hans: "Comparative Education".
Reference Books—W. Boyd: "History of Western Education". Robert Ulich: "History of Educational Thought". "The Year Books of Education". (Evans).

3. **A. Educational Psychology.**—M., 2.30 to 3.30 p.m.

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

Text Book—H. E. Garrett: "Great Experiments in Psychology".

Reference Books—William MacDougall: "The Energies of Men". Cyril Burt: "The Young Delinquent". Cyril Burt: "The Backward Child".

B. The Teaching of School Subjects.—Tu., 9 to 12.30 a.m. and 2.30 to 4.30 p.m.

A study of the techniques of teaching the subjects studied in the public schools of Canada, based on the Programme of Studies for Nova Scotia. Normally Tuesday morning will be spent in practice teaching and Tuesday afternoon in lectures and discussion, or in visits to schools or other institutions. Some of such visits may be made on Wednesday afternoons.

This class will include a period of Field Work in Education in some selected area of the Province. To cover travelling and living expenses for this course a fee of \$20 is payable at registration.

Text Book—Handbook to the Course of Study for Nova Scotia.

Reference Books—Douglas and Miles: "Teaching in High School". Thut and Gerberich: "Foundations of Method for Secondary Schools". Schorling: "Student Teaching".

4. **A. Testing and Guidance.**—Th., 2.30 to 4.30 p.m. and F. at 2.30 p.m.

This course will give some acquaintance with tests of Intelligence, Interests, Personality and School Subjects and their use in Guidance. It also includes elementary work on the theory of examinations and on statistical methods employed in educational experiment and investigation. Each member of the class will be required to carry out a piece of individual work in a restricted field of educational theory or practice.

Upon occasion this class will meet from 9 to 11 a.m. on Saturday.

Text Book—Greene, Jorgenson and Gerberich: "Measurement and Evaluation in the Secondary School".

Reference Books—H. E. Garrett: "Statistics in Education and Psychology". Arthur Jones: "Guidance".

B. Seminar.—W., at 9 a.m.

Group discussion on current educational topics.

Physical Education

A. Practical.—M. and F. at 9 a.m.

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

B. Theory.—Th. at 9 a.m.

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

Embryology: see Biology

ENGINEERING CLASSES

Professor..... H. R. Theakston (Head of Dept.).
Associate Professor..... W. H. Bowes
Assistant Professor..... A. F. Chisholm

Drawing

1. **Engineering Drawing.**—Lect.: Tu., Th. and S. at 9 a.m. Lab.:
Tu. and Th., 2.30 to 5.30 p.m. H. R. Theakston

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

Text Book—French: "Engineering Drawing".

2. **Descriptive Geometry.**—Lect.: Tu. at 11 a.m. Lab.: W., 2.30 to
5.30 p.m. H. R. Theakston, W. H. Bowes

Prerequisite.—Drawing 1 (may be taken simultaneously).

Text Book—Turner, Buck, Ackert: "Basic Engineering Drawing".

3. **Machine Drawing and Problems.**—F., 2.30 to 5.30 p.m.
H. R. Theakston, W. H. Bowes

Prerequisite.—Drawing 1 and 2.

Text Book—Turner, Buck, Ackert: "Basic Engineering Drawing".
Reference Book—Rose: "Mathematics for Engineers".

Mechanics

2. **Analytical Mechanics.**—M., W. and F. at 9 a.m. W. H. Bowes

Prerequisite.—Physics 2, Mathematics 1 and 2.

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

Text Book—Brown: "Engineering Mechanics".

3. **Graphical Statics.**—Lect.: Th. at 2.30 p.m. Lab.: Th. 3.30 to
5.30 p.m. W. H. Bowes, A. F. Chisholm

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

Text Book—Parker: "Design of Roof Trusses".

4. **Mechanics of Machines.**—Lect.: M. at 2.30 p.m. Lab.: 3.30 to
5.30 p.m. W. H. Bowes, A. F. Chisholm

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

Text Book—Guillet: "Kinematics of Machines".

5. **Materials of Engineering.**—Hours to be arranged.
A. F. Chisholm

Text Book—Mills, Hayward and Rader: "Materials of Construction".

Surveying

1. **Elementary.**—Tu. and Th. at 10 a.m. Two lectures per week to first year students in preparation for the Surveying Camp. A. F. Chisholm

Prerequisite.—Matriculation Mathematics.

Text Book—Rayner: "Elementary Surveying".

Surveying Field Work.—About three weeks immediately following conclusion of spring examinations.

2. **Lect.:** Th. at 11 a.m. Lab.: Tu., 2.30 to 5.30 p.m. A. F. Chisholm

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

Text Book—Rayner: "Elementary Surveying".

Mathematics Problems.—Hours to be arranged. A. F. Chisholm

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.

Except by special permission, only one of English 1 and 1A may be counted for a degree. Both may be counted towards the Engineering Diploma.

1. (For students taking a first year class in English for a degree in Arts, 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 for students not proceeding to a degree in Arts or Science and for others by permission of the instructors.

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

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—Hardin Craig: "Shakespeare" (Plays and Commentary). Milton: "Selections" (ed. Hanford). "The Pocket Bible".

Plays for special study: "Richard III"; "Twelfth Night"; "Macbeth"; "The Winter's Tale".

Composition: Twenty exercises in expository writing based on the work of the class. Reference Book for theme-correction—Foerster and Steadman: "Writing and Thinking".

*3. Middle English.—(1952-53). 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.

4. Nineteenth Century Literature.—(1952-53). 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.—(1953-54). 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. Harrold 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.—(1953-54). 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.—(1952-53). 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.—(1953-54). 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). A. J. M. Smith: "The Book of Canadian Poetry". (Gage & Co.).

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

9. **Drama.**—(1952-53). 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.**—(1952-53). 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.**—(1952-53). 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". Cowl: "The Theory of Poetry in England". Richards: "The Principles of Literary Criticism". "Practical Criticism". Texts: "English Critical Essays". World's Classics, 240, 206, 405.

13. **The History of the English Language.**—(1953-54). 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.**—(1953-54).
M., W. and F. at 9 a.m. Burns Martin

Prerequisite.—English 2.

Text Books—To be announced.

15. **English Literature in the Eighteenth Century.**—(1952-53). 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.**—(1952-53). 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.

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.**—(1952-53).
A. R. Bevan

- *22. **Late Eighteenth and Early Nineteenth Century (Seminar).**—
(1953-54). 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 (See page 65).

Histology and Embryology: see p. 142

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.....H. R. Peters

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. and W. at 10 a.m. (Fall term); W. at 10 a.m.; (Post-Christmas term). Lab. Two periods per week, Tu., W. or Th. to be arranged.

3. Petrology—Lecture and colloquium: Tu. 10 a.m. to 12 noon (Fall term); Tu. 10 to 11 a.m., and Th. 10 a.m. to 12 noon (Post-Christmas term). 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 either Mineralogy or Petrology.
Hours to be arranged.

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.), A. Stanley Walker
Lecturer..... Peter B. Waite
Special Lecturers..... D. C. Harvey, C. S. Webber

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.**—(1953-54, and in alternate years). M., W. and F. at 10 a.m.

Prerequisite.—History 1.

3. **Modern England.**—(1952-53, and in alternate years). M., W. and F. at 10 a.m. A. S. Walker

Prerequisite.—History 1.

4. **History of Europe since 1815.**—(1952-53, 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.**—(1953-54, and in alternate years). Tu. and Th. at 2.30 p.m. G. E. Wilson

Prerequisite.—Two classes in History.

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

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

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

6. **England under the Tudors.**—(1953-54, and in alternate years). M. and W. at 2.30 p.m. A. S. Walker

Prerequisite.—Two classes in History.

7. **The Fourteenth Century.**—(1952-53, and in alternate years). M. and W. at 2.30 p.m. A. S. Walker

Prerequisite.—Two classes in History.

8. **History of Canada.**—Tu., Th. and S. at 10 a.m. P. B. Waite

Prerequisite.—History 1.

- *9. **A Period in Modern History.**—(1952-53). Hours to be arranged. For Honour and M.A. students. G. E. Wilson

- *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.**—(1952-53). M., W. and F. at 10 a.m. P. B. Waite

Prerequisite.—History 1.

12. **History of the United States since 1865.**—(1953-54). M., W. and F. at 10 a.m. P. B. Waite

Prerequisite.—History 1.

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

14. **Renaissance and Reformation.**—(1952-53). M., W. and F. at 2.30 p.m. P. B. Waite

Prerequisite.—Two classes in History.

16. **France under Louis XIV.**

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

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

Church History: see Divinity

Latin: see Classics

LAW

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

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

Mathematical Physics: see Physics

MATHEMATICS‡

Professors J. G. Adshead, Charles Walmsley
Lecturer I. A. MacLennan

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

Prerequisite.—Matriculation Algebra and Geometry.

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

1C. **First year Mathematics for Commerce students.**— M., W. and F. at 9 a.m.

Prerequisite.—Matriculation Algebra and Geometry.

This course is arranged for students in Commerce and may not be offered for an Arts or Science degree.

Text Book—Richardson and Miller: "Algebra".

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

Prerequisite.—Mathematics 1.

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

Text Book—Granville, Smith and Longley: "Differential and Integral Calculus", Chapters I - XV.

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

Prerequisite.—Mathematics 2.

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

Text Books—Granville, Smith and Longley: "Differential and Integral Calculus" Chapter XVI-XXII. Walmsley: "Mathematical Analysis".

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

4. Geometry.—M. and W. 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—Granville, Smith and Longley: "Differential and Integral Calculus". Widder: "Advanced Calculus". Osgood: "Advanced Calculus". Burington and Torrance: "Higher Mathematics".

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

I. A. MacLennan

Prerequisite.—Mathematics 2.

This course will contain a revision and amplification of previous work but it will also include some work that is given in Mathematics 3 and Mathematics 4, such as partial derivatives, multiple integrals, Taylor's theorem, approximate integration, etc. It is arranged for candidates for the Diploma in Engineering, and may not be offered for a degree in Arts or Science.

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

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

Prerequisite.—Mathematics 2 with a pass mark of at least 65%.

This course is arranged for candidates for the Diploma in Engineering who are also candidates for a Science degree. It will be given only if sufficient students register.

Text Books—Hildebrand: "Advanced Calculus for Engineers". Schelkunoff: "Applied 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.—(1952-53).

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.—(1953-54). 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 and Graves.

12. Differential Equations.—(1953-54). Tu. and Th. at 9 a.m.

J. G. Adshead

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

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

*3 and *4. These are the third and fourth year classes presented on page 36 for Honour students in Mathematics.

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

6. Projective Geometry.

J. G. Adshead

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

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

Professors	P. Chavy, C. H. Mercer
Associate Professor	H. D. Smith
Assistant Professor	Johanna Richter
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, the following book is recommended: William A. Nitze and Ernest H. Wilgins: "A Handbook of French Phonetics" (Henry Holt and Co., New York).

Besides, special classes in French Phonetics, intended for French 2, may be attended by any student at his request.

(1) Tu. at 12 noon. H. D. Smith

Elementary French.—M., W. and F. at 11 a.m. H. D. Smith

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

Basic Text Book—Turgeon: "Cours pratique de Français".

1. Conversational French and Reading Development.

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

Prerequisite.—Matriculation French.

Basic Text Books—Harris and Lévêque: "Conversational French". Denoeu: "Lectures Littéraires pour Commencants".

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.

Special classes in French Phonetics are compulsory for students whose pronunciation is faulty.—Tu. at 12 noon H. D. Smith

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.

Text Books—Heindrix and Meiden: "Beginning French". Coindreau and Loy: "Contes et Nouvelles du Temps Présent".

3. Oral and Written Self-expression and Practice.—Tu. and Th. at 3.30 p.m. P. Chavy

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—Chinard: "Scènes de la Vie Française".

6. 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".

7. Twentieth Century French Literature.—W. and F. at 10 a.m. P. Chavy

A study of the most representative modern French writers from 1900 to the time being.

8. 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.

11. The Philosophical Movement.—History of French thought and literature during the 18th Century.—(1952-53). W. and F. at 11 a.m. P. Chavy

12. Nineteenth Century French Literature.—(1953-54). W. and F. at 11 a.m. P. Chavy

N. B.—Elementary French, French 1 and 2 are conducted partly in English, partly in French. French 3, 6, 7, 8, 11 and 12 are conducted entirely in French.

German

German A.—M., W. and F. at 11 a.m. C. H. Mercer

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

1A.—(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.

1. Tu., Th. and S. at 9 a.m.

C. H. Mercer

Prerequisite.—German A.

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

Except by special permission, only one of German I and IA may be counted for a degree. Students who have Grade XI or XII German are requested to consult the Department before registering.

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

J. Richter

Prerequisite.—German 1A or 1 or equivalent.

This course is meant to develop facility in reading, writing 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.

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

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

4. M. 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 advised to see the instructor for summer reading.

***5. German Literature and Thought in the Eighteenth Century.**—(1952-53). 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.**—(1953-54). Hours to be arranged. J. Richter

Selected authors as examples of the literary movement of the period will be studied. Special emphasis will be placed on Kleist, Hebbel, Gottfried Keller, Fontane.

Summer reading is required.

***7. German Literature and Thought in the Twentieth Century.**—(1954-55). 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 necessary.

*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.

Italian**1. Hours to be arranged.**

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

Books to be announced.

Russian**Elementary Russian.**—M., W. and F. at 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**Spanish Matriculation.**—Tu., Th. and S. at 10 a.m. C. H. Mercer

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

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

Text Books—Leslie: "Spanish for Conversation" (Ginn). "Sigamos Leyendo" (Heath). "Buenaventura" (Heath). "Spanish American Short Stories" (MacMillan). "Study Activities in Spanish" (Odyssey Press).

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

Prerequisite.—Spanish 1A or Spanish 1.

Text Books—Leslie: "Spanish for Conversation" (Ginn). Camba: "La Rana Viajera" (Heath). "Cuentos Alegres" (Heath). Spanish Work Book. Linguaphone Conversational Course—Spanish.

3. (1952-53). W. and F. at 2.30 p.m. C. H. Mercer

Prerequisite.—Spanish 2.

Text Books—Crawford: "Un Viaje por Espana". Luria: "Correspondencia Comercial" (Silver Burdett). Wilkins: "An Omnibus of Modern Spanish Prose". Linguaphone Conversational Course: "Spanish". "La Prensa" (Spanish Newspaper).

4. (1953-54). W. and F. at 2.30 p.m. C. H. Mercer

Prerequisite.—Spanish 2.

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

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

C. H. Mercer

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

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

MUSIC

Lecturer.....Harold Hamer

1. Harmony and Counterpoint.—Lecture periods by arrangement.

2. History and Appreciation of Music.—M., W. and F. at 12 noon.

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
Assistant Professor.....R. H. Vingoe

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

2. Logic.—(1952-53). W. and F. at 11 a.m. R. H. Vingoe

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.—(1952-53). M., W. and F. at 12 noon. G. P. Grant

Prerequisite.—Philosophy 1.

4. Philosophy and Science.—(1952-53). M. and Th. at 12 noon.
R. H. Vingoe

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.—(1953-54). Hours to be arranged.
R. H. Vingoe

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.

6. The Philosophy of History.—(1952-53). Tu. and Th. at 11 a.m.
R. H. Vingoe

Prerequisite.—History 1, Philosophy 1.

A comparative study of the various answers that have been given to the question, What is an historical fact? Hegel, Marx, Comte, Spengler, Croce, Berdiaev, Collingwood and Toynbee are given special attention.

7. The Philosophy of the Greeks up to and including Plato.— (1953-54). M., W. and F. at 12 noon. G. P. Grant

Prerequisite.—Philosophy 1.

8. Ancient Philosophy from Aristotle to St. Augustine.—(1952-53). Hours to be arranged.
J. A. Doull

Prerequisite.—Philosophy 1.

9. Medieval Philosophy.—(1953-54). Hours to be arranged

Prerequisite.—Philosophy 1.

10. Morals and Politics.—(1952-53). Hours to be arranged
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 1952-53 if sufficient students apply.

11. Modern Philosophy from Descartes to Kant.—(1952-53). M., W. and F. at 2.30 p.m. R. H. Vingoe

Prerequisite.—Philosophy 1.

12. Modern Philosophy from Kant to Whitehead.—(1953-54). Hours to be arranged.
R. H. Vingoe

Prerequisite.—Philosophy 1.

Problems of Self.—(1953-54). 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.**—(1952-53). 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.**—(1953-54). 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.**—(1952-53). Hours to be arranged.
G. P. Grant

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

***17. The Philosophy of Kant.**—(1953-54). Hours to be arranged.
G. P. Grant

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
Lecturer in Geophysics J. E. Blanchard
MacGregor Teaching Fellows G. M. Graham, R. J. McIntyre
Demonstrators (1951-52) F. A. Fergusson
Mary I. Rettie, D. D. Betts

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

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

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

Text Book—Crowther: "A Manual of Physics" (5th ed.).

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

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

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

Text Books—Sears and Zemansky: "College Physics". Brown: "Electricity and Magnetism".

4. Selected Topics in Physics.—Lect.: M., W. and F. at 9 a.m. Lab.: W. at 2.30 to 5.30 p.m.
E. W. Guptill

This course is intended to give students an appreciation of modern experimental physics. Such topics as, Electrons, Atomic spectra, Radioactivity, Electromagnetic waves will be discussed.

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

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.

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

6. Electricity and Magnetism.—Lect.: Tu. and Th. at 10 a.m. Lab.: M., 2.30 to 5.30 p.m., or to be arranged.
J. E. Blanchard

Prerequisite.—Mathematics 2 and Physics 3.

7. Thermodynamics.—Lect.: M. and W. at 11 a.m. J. H. L. Johnstone
Prerequisite.—Mathematics 2 and Physics 3.

11A. Intermediate Physics Laboratory.—Six hours per week.
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.

Text Book—Synge and Griffith: "Principles of Mechanics".

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

Prerequisites.—Mathematics 3 and Physics 6.

Text Books—Slater and Franck: "Mechanics" and also "Electromagnetism".

Seminar and Journal Club.—Th. at 5.00 p.m.

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

Lecturer..... C. F. Fraser

1. **The Government of Canada.**—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.**—(1953-54). M. and W. at 12 noon. J. H. Aitchison

Prerequisite.—Political Science 1.

3. **Comparative Government.**—(1952-53). 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.**—(1952-53). 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.**—(1953-54). Tu. and Th. at 11 a.m. J. H. Aitchison

Political thought from Machiavelli to the present day.

8. **International Relations.**—Th., 3.30 to 5.30 p.m. C. F. Fraser

9. **Canadian External Relations since 1867.**—(1953-54). Th., 3.30 to 5.30 p.m. C. F. Fraser

In addition, one or more of the following courses may be given in 1952-53:

6. **The State and Economic Life.**—Hours to be arranged. 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.**— Hours to be arranged. J. H. Aitchison

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

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

10. **Morals and Politics.**—Hours to be arranged. 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

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 and F. Marshall
Text Book—Munn: "Psychology" (Revised ed.).

2. **Social Psychology.**—(1952-53). M. and W. at 9 a.m. F. H. Page.

Prerequisite.—Psychology 1.

Text Books—Klineberg: "Social Psychology". Krech and Crutchfield: "Theory and Problems of Social Psychology".

3. **Child Psychology.**—(1953-54). M. and W. at 9 a.m. F. H. Page

Prerequisite.—Psychology 1.

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.**—(1953-54 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.**—(1952-53 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.

Text Books—Cattell: "Personality". Allport: "Personality".

9. **Principles of Mental Health.**—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.

11. **Experimental Psychology.**—Tu. and Th. at 4.30 p.m. and a two-hour laboratory period each week. F. H. Page and L. Thompson Welch

Prerequisite.—Psychology 1.

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 Divinity

Russian: see Modern Languages

Spanish: see Modern Languages

Sociology: see Economics

Zoology: see Biology