

CALENDAR
(ABRIDGED)
OF THE
UNIVERSITY
OF
KING'S COLLEGE

(Founded A. D. 1789)

(In association with Dalhousie University)

HALIFAX, NOVA SCOTIA

1941-1942

153rd SESSION

PUBLISHED UNDER THE DIRECTION OF THE
BOARD OF GOVERNORS

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University Almanac, 1941-1942

1941.

- Aug. 18 M. —Last day for receiving applications*for Fall Supplementary Examinations.
- Sept. 24 W. —Registration (and Payment of Fees) begins in Faculty of Arts and Science. The only regular registration day for NEW STUDENTS from Halifax and Dartmouth.
- 25 Th. —The only regular registration day for other NEW STUDENTS in Faculty of Arts and Science.
- 26 F. —Registration begins for other than new students in Faculty of Arts and Science.
- Sept. 20 Sat. —Matriculation and Supplementary 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.**
- Sept. 27 S. —12 Noon. Regular Registration††Period for Students in Arts and Science ends. Halifax Students will not be registered on this day.
- Sept. 29 M. —Results of Matriculation and Supplementary examinations declared.
—9 a. m., Lectures begin in Arts and Science and Divinity.
- 30 Tu. —12 noon. Meeting of Faculty of Arts and Science.
- Oct. 4 S. —12 Noon. Registration in Arts and Science ends.
- 8 W. —Last day for change of course in Faculty of Arts and Science.§§
M. —Thanksgiving Day. No classes.
- Nov. 11 Tu. —Armistice Day. No classes.
- Dec. 11 Th. —Last day of lectures in classes in which Christmas examinations are held.
- 13 S. —Christmas Examinations†begin.
- 20 S. —9 a. m., Christmas vacation begins.

1942.

- Jan. 5 M. —9 a. m., Classes resumed.
- Mar. 10 Tu. —Munro Day. No classes.
- Apr. 3 F. —Good Friday. No Classes.
- 18 S. —Last day of classes.
- 21 Tu. —Spring Examinations†begin.
- May 7 Th. —King's Encaenia Day.
—11 a. m., Meeting of Faculty of Arts and Science.
- 9 S. —11 a. m., Meeting of Senate.
- 12 Tu. —3 p. m., Dalhousie Convocation. Session ends.

*Fee must accompany application for examination. If a late application is accepted an additional fee of \$2 per day (maximum \$5) must be paid.

†For time table see Notice Board.

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

††Extra Fee for late Registration, \$2.00 per day.

§§Charge of \$1 for changing course after this date.

UNIVERSITY OF KING'S COLLEGE.

BOARD OF GOVERNORS.

- Most Rev. John MacKenley, B. A., D. D., Archbishop of Nova Scotia, *Chairman*.
- Rt. Rev. W. H. Moorhead, M.A., D.D., D.C.L., Bishop of Fredericton, *Vice-Chairman*.
- Rev. Canon A. Stanley Walker, M.A., B. Litt., LL.D., *President of the University*.
- R. L. Nixon, M. Sc., *Secretary*.
- F. A. Bowman, M.A., *Treasurer*.

Diocese of Fredericton.

- J. F. H. Teed, Esq., B. A., B. C. L., Dr. G. T. Leighton, Rev. J. J. Alexander, B. A., Rev. E. R. McCordick. (Term expires 1942).
- Judge J. H. A. L. Fairweather, D.C.L., Rev. A. F. Bate, M.A., Hon. Fel., Rev. A. S. Coster, M. A., Rev. Dr. W. R. Hibbard, D.C.L., (Term expires 1943).

Diocese of Nova Scotia.

- Very Rev. A. F. C. Whalley, R. V. Harris, Esq., M.A., F. A. Bowman, Esq., B.E., M.A., Rev. F. W. Fry, M.A. (Term expires 1942).
- A. B. Wiswell, Esq., Hon. Fel., H. M. Chase, Esq., Rev. S. H. Prince, M.A., Ph. D., J. E. Hudson, Esq., (Term expires 1943).

Alumni Association.

- A. H. Whitman, Esq., Hon. Fel., Ven. F. W. Vroom, M.A., D.D., D.C.L., F. H. M. Jones, Esq., Rev. Canon G. M. Ambrose, M. A., Rev. R. Fowlow. (Term expires 1942).
- Ven. T. Parker, M.A., D.C.L., W. L. Payzant, Esq., M.A., D.C.L., Dr. W. L. Muir, B.A., Hon. Fel., G. H. Morrison, Esq., B.A., W. A. Winfield, Esq. (Term expires 1943).

EXECUTIVE COMMITTEE: The Most Rev. the Archbishop of Nova Scotia, the Right Rev. the Bishop of Fredericton, the President of the University, the Treasurer, together with A. H. Whitman, A. B. Wiswell, W. L. Payzant, W. A. Winfield, R. V. Harris, Dr. W. L. Muir, J. F. H. Teed, Rev. Canon G. M. Ambrose, F. H. M. Jones.

Representatives on Dalhousie Board: A. B. Wiswell, Esq., J. H. Winfield, Esq.

OFFICERS OF ADMINISTRATION.

- The President*—Rev. Canon A. Stanley Walker, M.A., (Leeds & Birm.) B. Litt. (Oxon.), LL.D. (Dal.).
- Dean of Divinity Faculty*—Rev. J. H. A. Holmes, M.A., B.D., Hon. D. D. (Vind.).
- Medical Officer*—Dr. G. L. Covert.
- Bursar and Dean of Residence*—R. L. Nixon, M. Sc. (Vind.), Fellow.
- Dean of Women*—Miss Helen Creighton.
- Purchasing Agent and Steward*—W. Lepp.

Academic Staff.

KING'S FACULTY OF ARTS AND SCIENCE, 1940-41.

A. Stanley Walker, M.A., (Leeds and Birm.), B. Litt. (Oxon), LL.D. (Dal.), *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.*

George Hugh Henderson, M.A. (Dal.), Ph. D. (Cantab.), *Professor of Mathematical Physics, 74 Morris St.*

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

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

J. G. Adshead, M. A., (Cantab.) *Associate Professor of Mathematics, 78 Morris St.*

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

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

A. R. Jewitt, B.A. (Dal.), M.A. (Oxon), Ph. D. (Cornell), *Associate Professor of English, 142 Oxford St.*

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

University of King's College

(In Association with Dalhousie University.)

HISTORICAL SKETCH

King's College, established by Act of Legislature, in 1789, was founded at Windsor in 1790, and in 1802 a Royal Charter was granted by King George III in which the College is referred to as "the Mother of an University for the education and instruction of youth and students in Arts and Faculties to continue forever and to be called KING'S COLLEGE." It was the first University established in what is now Canada. The first President of the College, Dr. William Cochran, came from King's College, New York, which afterwards changed its name to Columbia, and two other King's Colleges, one at Fredericton and the other at Toronto, were subsequently founded; but King's College, Nova Scotia, is the only one which has survived. Among its Alumni are many famous men who have won honourable distinction in Church and State. The burning of the College residence at Windsor, February 5th, 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 beautiful property on the North West Arm, known as University Hall, was leased as a temporary residence for students, 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. The session of 1930-31 opened in the new King's College, which provides residences for men and 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 modern in every respect, and are on the same campus and within a few minutes walk of the Dalhousie University buildings.

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 power in Arts and Science.

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, and the President of the University, 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.

The University of King's College

(In Association with Dalhousie University).

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

Separate classes for their respective students are provided in King's and Dalhousie in English 1, and Latin 1. All other classes are attended jointly by students of King's and Dalhousie and are given by Dalhousie professors or by professors on the King's Foundation, depending on the courses taken. The students of both institutions follow the same curriculum, take the same examinations and must attain the same academic standard.

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

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

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

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.

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

Fee for the Support of Student Organizations.

At the request of the King's student body, a fee of \$17 is collected on enrolment from each student who takes more than one class. This fee entitles the student to the privileges of the various student organizations and clubs, to a copy of the King's College Record, and to inclusion in an insurance scheme.

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 be returned by mail three weeks after the close of the session.

Discipline.

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

WOMEN'S RESIDENCE.

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

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

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

GENERAL UNIVERSITY REGULATIONS.†

Registration

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

Students' Health Service.

1. All students of the University are required to submit to an annual medical examination at the beginning of the session. Women students will be examined at Shirreff Hall; men students at the Public Health Clinic. Lists indicating appointments will be posted early in the session. Failure to keep appointments promptly will be regarded as a breach of University discipline.

2. This service provides for the following:

- (a) A medical examination at the beginning of the session; with subsequent fluoroscopic examination of chest.
- (b) Medical service for minor ailments at the Public Health Clinic, from twelve noon to one p. m. daily.
- (c) Such medicines (except antitoxic sera, insulin, and other unusual preparations) and dressings as may be prescribed.
- (d) Testing for susceptibility to diphtheria and scarlet fever, and immunization against either one of these diseases where required.

3. The service does not provide for the following:

- (a) Surgical operations;
- (b) Specialist's treatment;
- (c) Special nursing;

† It is to be distinctly understood that the regulations regarding courses of study, examinations, fees, etc., contained in this Calendar are intended for the current year only. Nor does the University hold itself bound to adhere absolutely to the curriculum and conditions laid down.

- (d) Dental treatments;
- (e) Illness attributed to misconduct;
- (f) Physician's fee for attendance elsewhere than at the Public Health Clinic;
- (g) Hospitalization;
- (h) Any other service not specified in Section 2 hereof.

4. Arrangements for consultations during the session are to be made through the office of the Medical Director, Students' Health Service, Public Health Clinic (Telephone B. 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 shall be required to submit to vaccination.

7. King's College provides a doctor to attend students in residence.

Physical Training

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

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

Tutors.

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

Discipline

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

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

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

National Federation of Canadian University Students. Exchange plan.

The object of the plan is to permit specially selected students to take one year's university work at universities other than the "home" university and in a different part of Canada.

For the purposes of the plan the universities of Canada are grouped in four divisions, as follows:—

- I. The University of British Columbia.
- II. The Universities of Alberta, Saskatchewan, and Manitoba.
- III. The Universities of Ontario and Quebec.
- IV. The Universities of the Maritime Provinces.

Subject to certain exceptions, no student is allowed to apply for the benefits of the plan unless he contemplates taking work at a university which is in a different division than is his home university.

Any bona fide student, male or female, who is applying for study at a university in another division in the third year of his course, or any year beyond the third, is eligible, provided that he undertakes to return the following year to his home university to complete the work for his degree.

All applications must be in the hands of the local Selection Committee on or before the 1st day of March.

When his application is accepted by the local Selection Committee and by the authorities of the "Exchange University," the successful candidate will be permitted to take a full year's work at the desired university without paying tuition fees or Students' Council fees.

For further information consult the Registrar's office.

Non-Academic Student Activities.

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

*These regulations do not apply to the Dramatic Society.

(a) Students on probation in any Faculty. (b) Students registered for less than nine lectures per week, a period of two laboratory hours being regarded for this purpose as equivalent to one lecture. (c) Students who have failed to pass in at least half their classes in the last sessional or midsessional examinations.

(d) Special students during their first term of attendance.

King's College Library.

The Library is open from 9 a. m. to 6 p. m., and on Saturday till 1 p. m., and ~~during the session from 7 p. m. to 9 p. m.~~

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

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

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

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

Dalhousie Library.

The Library is open during the session on every week-day, except Saturday, from 9 a. m. till 5.30 p. m., and on Saturday till 12 noon, and during the greater part of the session from 7.30 to 10.30 every evening and from 2.30 to 5.30 Sunday afternoons.

~~Persons of good moral character~~
to certain classes as Special Students without formal examination, provided they are deemed qualified by the Committee on Admission to profit by the work of the class or classes selected.

*In exceptional cases students, who for special reasons are deficient in one subject of matriculation but have shown sufficient ability in other subjects, may, at the discretion of the Committee on Admission, be admitted provisionally to a course leading to a degree. Such students must complete matriculation before starting upon a second year of attendance.

Laboratory Deposit.

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

Unclaimed Deposits.

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

Conferring of Degrees.

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

By special permission of the Senate degrees may be conferred, in exceptional cases, *in absentia*. Written application giving reasons for the request must be made well in advance to the Secretary of Senate. The additional fee for such degrees conferred at Convocation is \$10.00. (see page 27).

For further information consult the Registrar's office.

Non-Academic Student Activities.

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

*These regulations do not apply to the Dramatic Society.

Faculty of Arts and Science

The Academic Year begins Sept. ^{26, 1941} 24th, 1941, and ends May ~~8th, 1942~~ ^{14, 1946}

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 24th and 25th. 26 and 27

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

King's College Office Hours: 9.30—5 during the session; 10—4 in the summer.

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

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

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

For details of admission to Professional Courses see page 21.

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

Persons of good moral character may be admitted to certain classes as Special Students without formal examination, provided they are deemed qualified by the Committee on Admission to profit by the work of the class or classes selected.

*In exceptional cases students, who for special reasons are deficient in one subject of matriculation but have shown sufficient ability in other subjects, may, at the discretion of the Committee on Admission, be admitted provisionally to a course leading to a degree. Such students must complete matriculation before starting upon a second year of attendance.

Matriculation.

To enter this University as an Undergraduate a candidate must have received credit for seven Matriculation subjects. This may be accomplished either by passing the regular Dalhousie Matriculation examinations or by presenting equivalent certificates.

The seven subjects required for full University Matriculation are as follows:—

For B. A.—(1) English; (2) Latin or Greek; (3) Algebra; (4) Geometry; (5) French or German or a language not offered in (2); (6 and 7) any two of: History, Physics, Chemistry, Biology, †Music, Trigonometry, or another foreign language.

For B. Sc.—(1) English; (2) French or German; (3) Algebra; (4) Geometry; (5) Latin or Greek, or a language not offered in (2); (6) Physics, or Chemistry, or Botany; (7) A subject not already offered, which may be either History, Physics, Chemistry, Biology, †Music, Trigonometry, or another foreign language.

Subjects of Matriculation.

The Matriculation examinations will be held at the University, and at such other places as the Senate may designate, on September ~~20th~~ ^{22nd} to ~~24th~~ ^{26th}, 1941. For the time table of the examinations, see the Almanac pages of the University Calendar. Papers of from two to three hours' duration will be offered in each of the following subjects:—*

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

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

Students who intend to write any of these examinations must apply to the University Office before September 15th, 1941. Application for examination at an outside centre should be made one month earlier.

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

†See page 20.

Requirements in Various Subjects.

Candidates are expected to be prepared in the following requirements:—

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

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

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

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

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

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

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

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

The books prescribed are: Wedeck: *Third Year Latin*; pp. 1-25. Cicero: *First Oration Against Catiline*; pp. 213-236. Selections from Ovid; pp. 135-196. Miscellaneous.

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

Greek.—As under Latin.

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

French.—M. Dondo: *Modern French Course*, Lessons 31 to 50. Forrest: *French Poetry*, Selections 36-70. Manley: *Eight French Stories* (omitting the eighth story). LaBrète: *Mon Oncle et Mon Curé*. Equivalent work will be accepted.

German.—B. J. Vos; *Essentials of German*, to end of Lesson 26. Bagster-Collins: *First German Reader, stories* ("Lese-stücke") Nos. 5, 8, 10 and 12. Thoma; *Lausbubengeschichten* (Heath). Equivalent work will be accepted.

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

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

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

Botany.—General Outline as in Bergen and Davis; *Principles of Botany*; or, Ganong: *A text Book of Botany*; or, Holman and Robbins: *Elements of Botany*.

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

Certificates Exempting from Examination.

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

- (a) Certificates of the Common Examining Board of the Maritime Provinces and Newfoundland.
- (b) High School Certificates of Grades XI or XII of Nova Scotia, issued by the Department of Education of the Province of Nova Scotia.
- (c) Certificates from Accredited Schools.
- (d) Grammar School, or Superior (except in Latin), or First Class Licences of New Brunswick.
- (e) Honour Diplomas, or Certificates, entitling to a First Class Licence, as issued by Prince of Wales College, or a First Class Licence issued by the Education Department of Prince Edward Island.
- (f) Equivalent Licences or Certificates issued by Education Departments of other Provinces.
- (g) Certificates of Matriculation Examinations taken at recognized Universities.
- (h) Certificates similar to the above issued by University or other official examining bodies, when found adequate.

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

Special Matriculation Regulations for each Faculty.

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

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

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

Admission ad Eundem Statum

Students from other Universities desiring to enter classes in this University may, on producing satisfactory certificates, be admitted *ad eundem statum* in this University, if they are found qualified to enter the classes proper to their years. But if their previous studies have not corresponded to those they would have taken in this University for the course on which they propose to enter, they may be required to take additional classes. No student, however, shall be admitted

to a degree in course in this University unless he has attended and passed in at least *one year's work in the Faculty in question, and that the last year of the degree course.

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

AFFILIATED INSTITUTIONS.

Prince of Wales College.

Students who have completed the regular course of Prince of Wales College, Charlottetown, P. E. I., are admitted to the Arts and Science course without further examination, and may receive credit in classes of the first and second years.

Memorial University College.

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

Halifax Ladies' College.

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

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

GENERAL FACULTY REGULATIONS.

Admission to Classes.

1. Candidates for a degree must pass the Matriculation examinations (*p. 18 et seq.*). Only those classes which a student attends as an Undergraduate are recognized as qualifying for a degree in Arts or Science.

2. A student deficient in one of the required foreign languages, whose preparation in this language has not covered any considerable part of the work prescribed for Matriculation, may be refused admission to more than three undergraduate classes.

3. No undergraduate shall be admitted to a class until he has satisfied the preliminary qualifications.

4. The list of classes which a student may take shall include all 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 Honours.

5. Five classes shall be regarded as constituting a normal year's work for a student in good standing. Students seeking admission to six classes must make written application to the Committee on Studies, furnishing reasons in support of their application. No student who has failed in any class of his course in the preceding year of his attendance shall be admitted to more than five classes without special permission.

6. Any student, who at the Christmas examinations has not shown reasonable proficiency, may, at the discretion of the Faculty, be required to discontinue attendance at the University for the remainder of the session. Fees will not be reimbursed to such students.

Class Work and Attendance.

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

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

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

3. They must secure positions on the Pass List. In determining this list both the standing attained in prescribed class exercises and in field or laboratory work and that in the various examinations are taken into consideration. A candidate who fails to obtain a mark of at least 20 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 an affiliated course must, in the case of classes taken in another Faculty, conform to the regulations of such Faculty and must secure a position on the pass list in accordance with such regulations.

Examinations.

Sessional and Class Examinations.

For the purpose of examination the session is divided into two terms, the separation occurring at the Christmas vacation.

In all classes other than purely laboratory 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 ground covered before Christmas.

Ordinary and Distinction Class Lists.

The names of candidates successful in the ordinary examinations are arranged in the published lists in

order of merit in each class. The requirements for Distinction in any class shall be determined by the department concerned, it being understood that Distinction entails independent work of high quality. To be eligible for Distinction in any class students must obtain at least sixty ~~five~~ per cent in the ordinary work of the class. The Distinction list for a class shall be published in order of merit, without division into grades.

Supplementary and Special Examinations.

A student who fails to secure a position on the Pass List in a class, but who has passed in at least half of his classes and has otherwise fulfilled the requirements in class work stated on p. 23, may be allowed the Supplementary examination in such class at the beginning of the next session of his attendance, on the day appointed in the University Almanac. A student who fails to appear at or to pass the Supplementary examination can only get credit for that class by passing a *Special examination therein.

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

Supplementary and Special Examinations are held in September only.

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

A student wishing to appear as a candidate at a Supplementary or Special examination shall be required to give notice of his intention to the Secretary of the Committee on Studies and Attendance on or before August ~~15th~~, the fee (see p. 27) to be remitted with the notice. 20

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

PRIVILEGES IN OTHER INSTITUTIONS

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

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

FEES

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

For Registration.*

Payable by students taking only one class in the University (including Library Fee of \$5.00).....	\$ 15.00
Payable by students taking more than one class (including Library Fee of \$5.00).....	20.00
Additional, payable by all students registering after 12 noon on last regular registration day, for each day..	2.00
Additional annual fee charged to those students from outside the British Empire entered in professional or pre-professional courses.....	250.00

For Tuition.

For each class not involving work in laboratory or draughting-room.....	\$ 25.00
For Education I.....	27.00
**For each draughting-room class.....	35.00
**For laboratory classes in —Geology.....	35.00
“ “ —Biology, Botany, Zoology.....	40.00
“ “ —Physics, Chemistry (other than Chemistry 10).....	45.00
“ “ —Chemistry 10.....	50.00
For changing course of study after October 1st, charge for adding or substituting a class.....	1.00

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

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

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

**See *Laboratory Deposit*, p. 16

Up to and including October 31st a student may retire from a class for which he has paid, and his class fee will be refunded; but if he retire after that date, his fee will not be refunded, except as stated below.

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

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

For Examinations.

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

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

For Certificates and Diplomas.

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

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

Units	Course for B. A.	Required Classes.
2	(a)	Two classes in Latin or Greek
1	(b)	One class in one not already taken: Latin, Greek, French, German
2	(c)	Two classes in English.
2	(d)	History 1, Mathematics 1
1	(e)	One class in: Physics, Chemistry or Biology.
2	(f)	Any two classes from: the above, chosen in (b) above, Mathematics 1, Political Science, Mathematics 2, a Science Elective Class
10	(g)	Ten other classes† selected from the previous page, so that the total number of classes required for a university class are included in not more than seven departments shown below and not more than seven in any one department.
20		

† The Faculty strongly recommends

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 consist 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 three grades:—

- (A) Ordinary Degree. See p. 28.
- (B) Ordinary Degree with Distinction. See p. 31.
- (C) Degree with Honours. See p. 32.

(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. 27.

{ Biology	{ Church History	*English
{ Botany	{ Hebrew	*Geology
{ Zoology	{ New Test. Greek	*History
{ Histology	{ French	*Mathematics
{ Embryology	{ German	*Physics
{ Physiology	{ Spanish	*Pol. Science
{ Chemistry	{ Economics	Biblical Lit.
{ Biochemistry	{ Sociology	Fine Arts
{ Latin	{ Philosophy	Education
{ Greek	{ Psychology	Music
**For each draughting-room class.....		35.00
**For laboratory classes in —Geology.....		35.00
“ “ —Biology, Botany, Zoology.....		40.00
“ “ —Physics, Chemistry (other than Chemistry 10).....		45.00
“ “ —Chemistry 10.....		50.00
For changing course of study after October 1st, 1908, charge for adding or substituting a class.....		1.00

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

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

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

Hold

TABLE I.

Units	Course for B. A. Required Classes.	Units	Course for B. Sc. Required Classes.
2	(a) Two classes in Latin or Greek.	4	(a) Two classes in English. Two classes in French or German, or one class in each.
1	(b) One class in one not already chosen of Latin, Greek, French, German, Spanish.	4	(b) One in each of the following: Mathematics, Physics, Chemistry, Geology or Biology.
2	(c) Two classes in English.	2	(c) Two classes selected from: Languages, History, Economics, Political Science, Philosophy.
2	(d) History 1, Mathematics 1.		
1	(e) One class in: Physics, Chemistry, Geology or Biology.		
2	(f) Any two classes from: the second language chosen in (b) above, History 2, Economics 1, Political Science 1, Philosophy 1, Mathematics 2, a Science.		
10	(g) Ten other classes† selected from the list on the previous page, so that seven which require a university class as prerequisite are included in not more than three of the departments shown bracketed or starred, and not more than seven such classes in any one department.	10	(d) Ten other classes, such that at least seven are included in not more than three of the departments of Science and Mathematics. Drawing 1 may be offered as one of these classes.
20		20	

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

Har

(C) Degree of Bachelor with Honours.

An undergraduate who has passed in at least *nine* classes of the Ordinary Arts or Science course with sufficient credit is allowed to enter an Honour course.

Permission to enter an Honour course must be obtained from the Faculty, and only students of outstanding merit will be granted this privilege. *The student should therefore plan the course so as to include the Preliminary classes in the first two years.*

The departments in which Honour Courses are offered, together with the preliminary classes needed, and the Honour classes, are shown in Table II on the following page.

Students contemplating an Honour course should before entering their second year consult the department concerned regarding courses and necessary Distinctions.

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

The examinations in the subjects of an Honour course are held at the end of the last year of the course; or a candidate may defer the examinations until a year after he has passed in the ordinary subjects of the fourth year; in which case, however, he shall not receive his degree until he has passed the examinations of such Honour Course.

Successful candidates will be declared to have obtained degrees with Honours, or with High Honours.

**TABLE II
HONOUR COURSES.**

Note: Honour Candidates must consult their departments regarding the selection of elective classes. To complete the 20 Units Required.

No. of Course	Department.	Preliminary Classes. Nine Required Classes including:	Honour Classes.	To complete the 20 Units Required.
1	Classics: (a) Latin and Greek. (b) Latin.	Discontinued. Latin 1 and 2. Greek 1 and 2	Latin 3, 4, 5, 6, 7 and 8. Greek 3 or 4.	4 Elective.
2	Latin and English:	Latin 1 and 2, English 1 and 2. Candidates are recommended to take 2 classes in German.	Latin 3, 4, 5 and 6 and at least 5 senior classes in English with distinction	2 Electives.
3	Greek and English:	Read "Greek" for "Latin" in above.		
4	English Language and Literature:	English 1, 2, French 1, 2, German 1, History 1, Latin 1, 2. Mathematics 1, one other class in English.	English 3, 4, 5, 6, 7, 12, 14, 15, 17.	Consult Department
5	English and History:	English 1 and 2, History 1.	At least 5 senior classes in English; History 2, 3, 4 and 5, and any Honour course offered.	1 Elective.
6	Any two of History, Economics and Sociology, Political Science:	History 1, Economics 1, Political Science 1.	Consult departments concerned	

TABLE II.—HONOUR COURSES—Continued

No. of Course	Department	Preliminary Courses Nine Required Classes including:	Honour Classes.	To complete the 20 Units Required.
7	Philosophy:	Philosophy 1.	Philosophy 2, 3, 4, 5, 6, and 7, and any special Honor classes in Philosophy.	4 Electives.
8	†Mathematics:	Mathematics 1, 2, 3, and 4. Physics 1 or 2 and 3.	Math. 5, 6, 7 and 8 or 12. Physics 6, 14, and 16, and another class in Physics or Mathematics.	3 Electives.
9	†Physics:	Mathematics 1, 2 and 3. Physics 2 and 3. Chemistry 1, and 2 or 4.	Consult Department.	
10	†Chemistry:	Chemistry 1, 3 and 4, Physics 1, 2 and 3, Mathematics 1, 2 and 3, 1 class German.	Physics 4 and 6 or 7. Chemistry 5, 7, 8, 9, 6 or 10.	2 Electives.
11	Geology:	Geology 1, Mathematics 1 and 2. Physics 1 or 2. Chemistry 1 and 2.	Geology 2, 3, 4, 5, 6 and 7 Physics (4, 5 and 7 optional) Chemistry 5 and 7. Surveying 2, Mechanics 2	Consult Department.
12	**Biology:	Chemistry 1 and 4, Physics 1, Biology 1, Zoology 2, Botany 2, 1 Class in German.	7 senior classes in Biology and related subjects.	Consult Department.

† In order to complete the Honours Course in Mathematics, Physics, or Chemistry in four years a student must have credit for Grade XII Mathematics on entering.

** Honours in Biology can only be completed in four years by students entering on Grade XII certificate.

ADVANCED COURSES.

Advanced Courses are given in Classics, Mathematics, Modern Languages and History. For details consult the Department.

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 students is especially drawn to the regulation requiring that at least three undergraduate classes must already have been taken in the main subject to be offered and Distinction must have been obtained in the last two classes so taken before application is made to take Master's work in that subject at Dalhousie University.

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

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 Superior First Class License to teach in any public school in Nova Scotia. This course, or its equivalent at another College or University recognized by the Provincial Department of Education, must be satisfactorily completed by any university graduate who wishes to teach in the public schools of Nova Scotia, and qualifies him for a position in any high school receiving government grants. Mastery of the content of this course is a necessary step toward securing the Academic License.

School of Divinity

FACULTY OF DIVINITY.

President: Rev. Canon A. Stanley Walker, M.A. (Leeds and Birm.) B. Litt. (Exeter College, Oxon.), LL.D. (Dal.).
Dean: Rev. J. H. A. Holmes, M.A., B.D., Hon. D.D., (Vind.)
Dean Emeritus: Ven. F. W. Vroom, M.A., D.D., (Vind.), D.C.L., (Lennox), LL.D., (Dal), Fellow and Professor.
Greek Testament: Rev. T. H. Hunt, M.A., D.D., (Vind.), Fellow and Alexandra Professor.
Biblical Literature: The Dean; and Rev. S. H. Prince, M.A., (Tor.) Ph.D., (Col.), Owen Lecturer.
Church History: The President and the Dean.
Hebrew: Dr. Hunt.
Dogmatic Theology: The Dean.
Liturgics: The Dean.
Apologetics: Dr. Prince.
Homiletics and Pastoral Theology: The President.
Patristics: Dr. Hunt.
Ecclesiastical Polity and Ceremonial: The Dean.
Sociology: Dr. Prince.
Voice Culture and Reading:
Registrar: Dr. Hunt.

ENTRANCE REQUIREMENTS.

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

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

Course for Bachelor of Arts.

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

- (i) Two classes in Greek.
- (ii) Two classes in Latin.
- (iii) Two classes in English.
- (iv) History I, Mathematics 1.
- (v) One class in either Physics, Chemistry, Geology or Biology.
- (vi) One class from: History 2, Economics 1, Political Science 1, Philosophy 1, Mathematics 2, a Science.
- (vii) New Testament Greek, and two of the following: Hebrew, Biblical Literature, Church History.
- (viii) †Seven other classes to be taken in not over three of the departments shown on page 29. Six of these classes require University classes as pre-requisites.

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

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

Students in Divinity must register in the Bursar's Office on Sat. September 27th, after consulting with the Dean of Divinity; and they must submit to a medical examination.

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

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

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

Students in Arts, looking forward to Divinity, are advised that they must include in their Arts curriculum the Divinity options noted below and in addition the compulsory subjects of the probationary year in Divinity.

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

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

Graduates in Arts of this or of other approved Universities who have not fulfilled the above requirements must take the full three years course to qualify for the Testamur.

Non-graduate students who wish to qualify for the Diploma of L. Th. must complete the courses in Divinity and five of the following courses in Arts, viz: Latin, Greek, English, History, Sociology, Philosophy.

The degree of Bachelor of Sacred Letters (B. S. Litt.) may be taken by Divinity Students. For information as to required courses, application should be made to the Dean of Divinity.

The Curriculum for the Divinity Course is as follows:—

Probationary Year:

Matriculation Latin, as for Grade XI	—3	hours a week.
Matriculation Greek,	—3	" "
English 1	—3	" "
History 1, or Philosophy 1	—3	" "
English Bible 3 or 4	—2	" "

together with such other work as shall seem proper to the Dean of Divinity.

First Year:

Greek Testament 1 (Arts Option)	—3	hours a week.
English Bible 1 or 2 (Arts Option)	—2	" "
Church History 2 (Arts Option)	—2	" "
Dogmatics 1	—2	" "
English Bible 4 or 3	—2	" "
Sociology 1 (if not already taken)	—3	" "

Second Year:

English Bible 2 or 1	—2	hours a week.
Church History 1 or 3	—2	" "
Hebrew 1	—3	" "
Liturgics 1 or 2	—1	" "
Apologetics 1 or 2	—1	" "
Homiletics or Pastoral Theology	—2	" "
Patristics 1 or 2	—2	" "
Moral Theol. or Eccles. Polity	—1	" "
Greek Testament 2	—2	" "

Third Year:

Greek Testament 3	—1	hour a week.
English Bible 4 or 3	—2	" "
Church History 3 or 1	—2	" "
Hebrew 2	—2	" "
Liturgics 2 or 1	—1	" "
Apologetics 2 or 1	—1	" "
Pastoral Theology or Homiletics	—2	" "
Patristics 2 or 1	—2	" "
Eccles. Polity or Moral Theol.	—1	" "
Dogmatics 2	—2	" "

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

COURSES**Greek Testament.**

Greek Testament 1—(Three hours a week.) (Arts Option).
Prerequisite—*Greek I*.

Synoptic Gospels, and Introduction to Textual Criticism.

Greek Testament 2—(Two hours a week.)
St. John, and Acts.

Greek Testament 3—(One hour a week.)
Romans, and Pastoral Epistles, or an equivalent.

Biblical Literature.

English Bible 1—(1942-43)—(Two hours a week.) *(Arts Option.)

General Introduction to Old Testament—Canon—Versions, etc. History of Hebrews to the Captivity, General lines of Criticism, General Introduction to The Gospels, The Synoptic Problem, The Fourth Gospel, New Testament History to the Ascension.

English Bible 2—(1941-42)—(Two hours a week.) *(Arts Option.)

History of Hebrew people from the Captivity to A.D. 135. New Testament History from beginning of Acts to end of the Canon. Introduction to Epistles and Apocalypse. New Testament Canon.

English Bible 3—(1942-43) (Two hours a week.)

Old Testament Prophecy and Exposition. Introduction to the different Prophetical Books.

*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—(1941-42). (Two hours a week.)
The new Testament. The Teaching of our Lord and the Apostles.

Church History.

Church History 1—(1941-42)—(Two hours a week.)
General Church History. The Christian Church of the first six centuries.

Church History 2—(Two hours a week.) (Arts option).
English Church History. The British Church: Celtic and Roman Missions; the Church of England before the Conquest; Growth of the Papal Power. The new Learning and the English Reformation; Puritanism and Erastianism; The Evangelical Revival; the Oxford Movement.

Church History 3—(1942-43)—(Two hours a week.)
The Church of the Middle Ages; Continental Reformation and Counter-Reformation.

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—(Two hours a week.)

Selections from Psalms and Prophets.

Dogmatics.

Dogmatics 1—(Two hours a week.)

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

Dogmatics 2—(Two hours a week.)

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

Liturgics.

Liturgics 1—(1941-42)—(One hour a week.)

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

Liturgics 2—(1942-43)—(One hour a week.)

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

These two classes are given in alternate years and must be taken by the Senior Divinity Students.

Apologetics.

Apologetics 1—History of Religion: (1942-43)—(one hour week.)

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

Apologetics 2—Philosophy of Religion: (1941-42)—(one hour a week.)

Basic ideas in religion. Analysis of sources of belief. Examination of anti-theistic theories. Christian evidences.

Homiletics and Pastoral Theology.

Homiletics (1942-43)—(Two hours a week).

Composition of Sermons, Theory and Practice of Preaching.

Pastoral Theology—(1941-42)—(Two hours a week).

The Pastoral Office and the Cure of Souls; Institutions 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.

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

Patristics.

Patristics 1—(Two hours a week).

Selected Treatises from Greek and Latin Fathers.

Patristics 2—(Two hours a week).

Selected Treatises from Greek and Latin Fathers.

Ecclesiastical Polity and Ceremonial.

Ecclesiastical Polity (1941-42)—(One hour a week).

Hooker's Fifth Book with Seminar on modern controversies and problems.

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

Moral Theology.

Moral Theology (1942-43)—(One hour a week).
Christian Ethics.

Sociology.

Sociology I—(See course in Arts Calendar).

RELIGIOUS EDUCATION.

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

(a) Introduction.

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

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

(c) Principles of Teaching.

(d) Organization and Management of Religious Education.

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

TUITION FEES.

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

LIBRARY FEE.

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

DEGREES IN DIVINITY.

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

SPECIAL FEES.

For Title S. Th.....	\$ 10.00
For degree of B.D.....	24.00
For degree of D.D.....	40.00
For examination of Thesis for D. D.....	20.00
Special examinations, each paper.....	5.00

SCHOLARSHIPS AND PRIZES.**Alumni Scholarship.**

(\$50)

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

Entrance Scholarships.

2. A sum designated by the Board of Governors is awarded annually in the form of Entrance Scholarships.

The Daniel Hodgson Scholarship.

(\$700.)

3. This Scholarship, amounting to \$175 per annum and tenable for four years is given alternately to the Universities of Laval and Kings College. Its object is to assist students in entering Holy Orders. Application shall be made and certificate of having passed matriculation shall be filed before July 15th.

Candidates for the scholarship must be under the age of 23 years. They must be natives of Prince Edward Island and residents therein for the space of one year at least before the time of their application for scholarship.

The holder of the scholarship at the end of each half year shall file certificates from the authorities of the College that he is taking a full Arts Course, that his moral conduct has been good and that his attention to his studies and his general conduct have been satisfactory. No portion of the scholarship will be paid without the presentation of said certificate.

Glebe Scholarship.

(\$100.)

4. 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.

The Almon Welsford Testimonial.

(\$20)

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

The McCawley Classical Scholarship.

(\$35.)

16. Established as a testimonial to the Rev. G. McCawley, D.D., on his retirement from the office of President. Open to matriculated undergraduates who have completed their first year of residence.

The McCawley Hebrew Prize.

(\$40.)

17. Open to all members of the University who are below the standing of M. A., and who have not already gained the first premium in Hebrew.

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.

i. Hebrew—Gen. 12-15; Zechariah; Psalms 120-150.

ii. LXX—Same as Hebrew.

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

Junior McCawley Hebrew Prize.

(\$25.)

18. 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.

The Henry D. deBlois English Prize.

(\$10.)

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

Archdeacon Forsyth Prize.

20. Ven. Archdeacon D. Forsyth, D.C.L., of Chatham, N.B., who died in 1933, left to King's College \$1000 to provide an annual prize or scholarship, to be awarded to a Divinity student for proficiency in the study and knowledge of the original Greek of Holy Scripture. To be awarded on the combined results of Greek Testament 1 and 2.

Shatford Pastoral Theology Prize

(\$25.)

21. 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.

Dr. M. A. B. Smith Prize.

22. Established by a bequest of \$500 from the late Dr. M. A. B. Smith. Awarded to the student with the highest marks at the end of his second year of residence; in case of a tie, preference to a Divinity student. The successful candidate shall read at the beginning of the next academic year an original essay commemorating those sons of King's who gave their lives for King and country in the Great War.

Charles Cogswell Prize.

23. 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.)

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

The Governor General's Medal.

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

The Akins Historical Prize.

(\$40.)

26. 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 forty dollars annually.

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

Subject for 1941: Social & Economic Conditions in Nova Scotia in the 1860's.

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

Haliburton Prize.

(\$10.)

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

King's College Dramatic Society Prize

(\$5.)

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

R. V. Harris Prize.

(\$25.)

29. Open to students of all church colleges in Canada for the best essay on a subject relating to the history of the Canadian Church. Essays to be handed in March 31.

The Rhodes Scholarship.

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

Daughters of the Empire Post-Graduate Overseas Scholarship.

31. 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.

(Divinity Scholarships)

Owen Family Memorial Scholarship.

(Two of approximately \$250 each.)

32. 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.

33. 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.

For particulars and application forms write King's College.

Laurie Memorial Scholarship.

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

The Wiswell Trust Divinity Studentships

35. A. B. Wiswell, Esq., of Halifax, N. S., in order to perpetuate the memory of the Wiswell Family, augmented a bequest from members of the family, thus providing a capital sum of \$2000, the income from which is to assist Divinity students at King's College, who were born in Nova Scotia and who purpose entering the Church of England in Canada. Mr. Wiswell reserves the right to appoint the recipients of the studentships.

Divinity Grants.

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

W. A. Grant.

(\$150.)

37. The Woman's Auxiliary of the Church of England in the Diocese of Nova Scotia makes an annual grant of \$150 towards the expenses of Divinity Students who agree to work in the Diocese of Nova Scotia after ordination. The Archbishop of Nova Scotia makes the award.

Arthur L. Chase Memorial Students Loan Fund.

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

Edith Mabel Mason Memorial Women Students Loan Fund.

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

The Lois Hudson Memorial Prize

40. Mrs. David Hudson has offered a prize for 1941-42 in memory of her late daughter. This is to be awarded on the results of the year's work.

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, excepting those of the K.C.A.A.A.

The "King's College Record."

The Record (founded 1878) is published by the under-graduates of the College, during the Academic year.

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

The Quinctilian Society.

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

The Haliburton.

This Society was founded and incorporated by Act of Legislature, 1884. Its object is the cultivation of a Canadian Literature and the collecting of Canadian books, manuscripts and of books bearing upon Canadian History and literature. Membership is open to all members of the College and residents in the city of Halifax. Any literary man may be elected an honorary member. Membership fee is included in Student Body fees.

The Students' Missionary Society.

This Society was founded in 1890. Its object is to promote interest in missionary work, and to further the missionary work of the Church, especially in the Maritime Provinces. Membership is open to all members of the College. The annual meeting is held on St. Andrew's Day, or as near to it as possible.

King's College Amateur Athletic Association.

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

King's College Co-ed's Association.

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

Societies Connected with the College

The Alumni of King's College.

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

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

The present officers of the Society are:

Rev. Canon George M. Ambrose, M. A., President, 132 Robie St., Halifax.

Allan F. Dill, B.A., Secretary, 93 Edward St., Halifax, N. S.

W. L. Payzant, M.A., LL.B., D.C.L., Treasurer, 92 Granville St., Halifax.

The Alexandra Society of King's College.

This Society, which has branches all over the Maritime Provinces, was formed in Halifax in 1902 as the Women's Auxiliary to the Alumni, its object to aid the Alumni in raising funds for the College.

FORM OF BEQUEST.

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

Said sum to be expended by said University for

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

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

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

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

ARTS and SCIENCE COURSES OF INSTRUCTION

FROM

DALHOUSIE
CALENDAR

Pages 73-84 and 87-104

CLASSES OF INSTRUCTION.

Biblical Literature.

Lecturer.....J. P. C. Fraser.
Tu. and Th. at 4.30 p. m.

This is a course in literature of the English Bible. The course will consist of the reading and appreciation of many of the finer passages in the Old and New Testaments. Many passages will be memorized. Special attention will be given to the books of the Psalms, Job, Isaiah, which will be treated as complete books, and the design will be to make passages that are read and studied "a possession forever".

Allusions will be made to the historical background of the writer dealt with, and students may find it helpful to consult Sir Frederic Kenyon's *Story of the Bible*, which is an account of how the books of the Bible came down to us. The course, as stated above, is a course in literature, not in history or in biblical criticism.

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

Biochemistry: see Chemistry.

Biology.

Students intending to major in Biology are advised to include Biology I and Chemistry I 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, W. G. Dore.

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.).
Lecturer.....W. G. Dore.

2. General Botany.—(1941-42). 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.—(1942-43). 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.

4. General Bacteriology.—Lect.: Tu. and Th., 2.30 to 3.30 p. m. Lab.: Tu. and Th., 3.30 to 5.30 p. m. W. G. Dore.

Prerequisite.—Biology 1.

5. Introduction to Plant Ecology and Physiology.—Lect.: M. and W., 9 to 10 a. m. Lab.: Three hours per week and field work during the autumn. W. G. Dore.

Prerequisite.—Biology 1 and Chemistry 1.

6. Algology.—Lect.: Two hours per week. Lab.: Four hours per week. H. P. Bell.

Prerequisite.—Botany 2.

The work of this class is chiefly in the field, and consists of studies in Ecology, with special reference to marine and fresh water algae. The best way to obtain credit for this class is to take the course in Algology given at the Marine Biological Laboratory, Woods Hole, Massachusetts.

7. Taxonomy of the Flowering Plants.—Lect.: Three hours per week. Field work during the summer equivalent to four hours per week term work. H. P. Bell.

Prerequisite.—Botany 2.

Students intending to enrol in this course are advised to consult the Department in the spring in order that suitable field work may be suggested for the summer.

Zoology.

Associate Professor.....F. Ronald Hayes.
Assistant Professor.....Dixie 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 Zoology.—(1942-43). 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. Theoretical Biology.—(1941-42). Lect.: M., W. and F. at 12 m. D. Pelluet.

Prerequisite.—Biology 1.

This class consists of lectures on such modern biological theories as heredity, evolution and genetics. Oral and written reports will be required of all students.

5. Experimental Zoology.—(1942-43). Lect.: Tu. and Th. at 9 a. m. Lab.: Tu. and Th., 10 a. m. to 12 m. F. R. Hayes.

Prerequisite.—Biology 1, Chemistry 1.

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

6. Experimental Zoology.—(1941-42). Lect.: Tu. and Th. at 9 a. m. Lab.: Tu. and Th., 10 a. m. to 12 m. F. R. Hayes.

Prerequisite.—Two classes in Biology, Chemistry 4, which may be taken at the same time.

This course deals with the properties of protoplasm, digestion, excretion and respiration.

7. General Histology and Technique.—(1941-42). Ten hours per week. Lect.: S. at 9 a. m. Lab.: S., 10 a. m. to 1 p. m.; remaining periods to be arranged. D. Pelluet.

Prerequisite.—Zoology 2 or Botany 2, and permission of the Department. The class is limited to three students. It is advisable to make enquiry in the spring.

8. Cytology.—Lect.: Two hours per week. Lab.: Four hours per week. D. Pelluet.

Prerequisite.—Chemistry 4 and Biology 7.

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

9. Pharmacology.—One Lecture and eight laboratory periods per week, at hours to be arranged. M. K. McPhail.

Prerequisite.—Zoology 2 and the consent of the Instructor.

The physiological responses, in lower animals and in mammals, of important drugs.

Biological Seminar.

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

Summer Courses.

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

Histology and Embryology.

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

Physiology.

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

Chemistry.

Professor
Associate Professors C.C. Coffin (Acting Head of Dept.), H.S. King,
D.L. Cooper.
Instructors..... E. W. Todd, J. R. Dingle.
Demonstrators.....

1. General Chemistry.—Lect.: M., W. and F. at 9 a.m. Lab.:
One afternoon per week. D.L. Cooper.

Prerequisite.—Matriculation Chemistry or Physics or Mathematics.

Text Book: To be announced.

2. Inorganic Chemistry and Qualitative Analysis.—Lect.
F. at 10 a.m. Lab.: M., 2.30 to 5.30 p.m. H. S. King, D.L. Cooper.
Prerequisite.—Chemistry 1.

The laboratory work of this class consists of Qualitative Analysis and quantitative experiments in inorganic chemistry and is designed for those who are planning to enter professional courses.

3. Inorganic Chemistry, Qualitative Analysis and Inorganic Preparations.—Lect.: F. at 10 a.m. Lab.: M., 2.30 to 5.30 p.m., and one other afternoon. H. S. King, D.L. Cooper.

Prerequisite.—Chemistry 1.

The lecture work of this class is that of Chemistry 2; the laboratory work consists of three additional hours a week and is designed for those who expect to continue with advanced classes in Chemistry. H. S. King.

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

Prerequisite.—Chemistry 1.

Text Book: Perkin and Kipping: *Organic Chemistry*.

Senior Classes.

These classes are intended especially for candidates for Honours in Chemistry; but any student who has passed in Chemistry 2 or 3 and 4 with Distinction may be admitted. Of these classes, Chemistry 8 and 9 are given in alternate years.

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

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

Books Recommended: Getman and Daniels: *Theoretical Chemistry*.
Kruyt: *Colloid Chemistry*.

6. Advanced Physical Chemistry.—Lect.: Tu. and Th. at
9 a.m. Lab.: S., 9 a.m. to 1 p.m. C. C. Coffin.

Prerequisite.—Chemistry 5, German 1.

Books Recommended: Lewis: *A System of Physical Chemistry*, Vols. 1
and 2. Taylor: *Treatise on Physical Chemistry*, Vols. 1 and 2. Glasstone:
Recent Advances in Physical Chemistry.

7. Quantitative Analysis.—Lect.: F. at 9 a.m. C. C. Coffin.

Prerequisite.—Chemistry 2 or 3.

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

Text Book: Talbot: *Elementary Quantitative Analysis*.

8. Advanced Inorganic Chemistry.—(1942-43).

9. Advanced Quantitative Analysis and Physico-Chemical Methods.—(1941-42). One lecture and nine hours laboratory
per week. C. C. Coffin.

Prerequisite.—Chemistry 4 and 7.

Book Recommended: Treadwell and Hall: *Quantitative Analysis*.

10. Advanced Organic Chemistry.—One lecture and nine
hours laboratory per week. H. S. King.

Prerequisite.—Chemistry 4 and 7.

Books Recommended: Whitmore: *Organic Chemistry*. Gattermann and
Wieland: *Laboratory Methods of Organic Chemistry*.

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

Biochemistry.

The class Biochemistry 1 given in the Medical Faculty may, with the consent of the department involved, be offered as an elective.

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

Church History: see *Divinity, History*.

3. (1942-43). *M. and W. at 12 m.*

Prerequisite.—Greek 2.

Demosthenes: *Philippics I, II*. Thucydides: Book I (selected). Euripides: *Electra*. Homer: *Iliad I, VI, *IX *X*.

Books Recommended: Demosthenes: *Philippics* (Abbott and Matheson, Oxford Univ. Press, Toronto). Thucydides (Marchant, Macmillan). Euripides: *Electra* (Keene, Bell, London). Homer: *Iliad*, Vol. I (Munro, Cambridge Univ. Press).

4. (1941-42). *M. and W. at 12 m.*

Prerequisite.—Greek 2.

Plato: *Republic I; *Crito*. Aristophanes: *Clouds*. Homer: *Iliad XXII, XXIV, *X XIII*. Greek Prose Composition. Exercises in sight translation.

Books Recommended: Plato: *Republic I-V* (Adams, Cambridge Univ. Press); *Crito* (Keene, Macmillan, Toronto). Homer: *Iliad*, Vol. II (Munro, Cambridge Univ. Press). Aristophanes: *Clouds* (Merry, Oxford Univ. Press).

5. (1942-43). *Hours to be arranged.*

Thucydides, Book II. Aeschylus: *Prometheus Vincetus; *Eumenides*. Aristophanes: *Frogs; *Knights*.

6. (1942-43). *Hours to be arranged.*

Plato: *Republic II-IV*. Demosthenes: *De Corona*. Herodotus: Books VII-IX. Sophocles: *Antigone*. Theocritus: Selections. Homer: **Odyssey IX-XII*.

A portion only of the work prescribed for Greek 5 and 6 will be read in class.

7 and 8. Plato: *Republic V-X* (selected). Aristotle: *Poetics; Ethics* (Four books). Thucydides: Books VI, VII. Aeschylus: *Agamemnon*. Lyric Poets (selected). Pindar: *Odes* (selected). Euripides: *Medea*.

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

*For private reading by students seeking Distinction.

Divinity.

Church History.

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

Hebrew.

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

New Testament Greek.

Prerequisite.—Greek 1.

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

Economics and Sociology.

Economics.

Associate Professors W. R. Maxwell (Head of Dept.), S. H. Prince.

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

2. **Modern Economic History.**—(1942-43). *Tu. and Th. at 3.30 p. m.*
S. H. Prince.

Prerequisite.—Economics 1.

Text Books: Ogg and Sharp: *Economic Development of Modern Europe*. Bogart: *Economic History of the American People*.

3. **Money, Banking and International Trade.**—(1942-43). *M., W. and F. at 9 a. m.*
W. R. Maxwell.

Prerequisite.—Economics 1.

4. **Labour Problems and Trusts.**—(1941-42). *W. and F., at 11 a. m.*
S. H. Prince.

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

5. **Economic Theory.**—(1942-43). *M. and W. at 11 a. m.*
Prerequisite.—Economics 1. W. R. Maxwell.

6. **Economic Theory.**—(1941-42). *M. and W. at 11 a. m.*
Prerequisite.—Economics 1. W. R. Maxwell.

7. **Programmes of Social Reconstruction.**—(1941-42). *Tu. and Th. at 9 a. m.*
W. R. Maxwell.

Prerequisite.—Economics 1.

8. **Problems of Economic Policy.**—(1941-42). *Tu. and Th. at 11 a. m.*
L. Richter.

Prerequisite—Economics 1.

Agricultural policy, government control of transportation and public utilities, planning marketing schemes, the co-operative movement.

Books recommended: Pigou: *Economics of Welfare*. Patterson and Scholz: *Economic Problems of Modern Life*. J. F. Booth (ed): *Economic Organization of Canadian Agriculture*. Lyons and Associates: *Government and Economic Life*. Robbins: *Economic Planning and International Order*. Carr-Saunders and Associates: *Consumers' Co-operatives in Great Britain*. B. and S. Webb: *Consumers' Co-operative Movement*.

9. **Contemporary Economic Problems.**—(1942-43). *Tu. and Th. at 11 a. m.*
L. Richter.

Prerequisite.—Economics 1.

Industrial management, social security, government regulations and control of industry, industrial raw materials, problems of war economy.

Books recommended: Pigou: *Economics of Welfare*. A. Marshall: *Industry and Trade*. Sparr: *Economic Principles and Problems*. Douglas: *Social Security in the United States*. Pigou: *Political Economy of War*.

10. **Public Finance.**—(1942-43). *M. and W. at 10 a. m.*
S. Bates.

Prerequisite.—Economics 1.

Sociology.

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

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

Text Books: Lumley: *Principles of Sociology* (2nd Ed.). Gillin and Blackmar: *Outlines of Sociology* (3rd Ed.). Park and Burgess: *Introduction to the Science of Sociology*. MacIver: *Society: A Text Book of Sociology*.

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

2. **The Modern Community.**—(1941-42). *Tu. and Th. at 2.30 p. m.*

Prerequisite.—Sociology 1 or Economics 1.

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

Text Books: Osborn and Neumeier: *The Community and Society*. Thompson: *Population Problems*. Elliott and Merrill: *Social Disorganization*.
Reference Books: Wright: *Population*. Towne: *Social Problems*. Davie: *Problems of City Life*. Sorokin and Zimmerman: *Rural Urban Sociology*. Fairchild: *Immigration*.

Also topical bibliography supplied in class.

3. **Social Institutions.**—(1942-43). *M. and W. at 12 m.*
Prerequisite.—Sociology 1 or Economics 1.

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

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

4. **Social Legislation.**—(1942-43). *Tu. and Th. at 2.30 p. m.*
Prerequisite.—Sociology 1 or Economics 1.

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

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

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

Anthropology.

5. **Anthropology.**—(1941-42). *M. and W. at 12 m.*

Prerequisite.—Sociology 1 or Economics 1.

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

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

Honour and Diploma Courses.

For these courses consultation with the Department is required.

6. **Social Theory.**

Prerequisite.—Sociology 1.

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

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

Public Administration.

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

Social Work.—Economics 1, Psychology 1 and Sociology 1, together with three other classes in Sociology, are prerequisite to professional training in Social Work. Students are also strongly recommended to include in their undergraduate courses Statistics (Commerce 1) and Labour Problems (Economics 4). Graduates in Arts may complete the requirements for a diploma in this field by one additional year of field work and study.

Education.

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

All Education courses, except Education 1, are largely professional in content, and registration in all but Education I is restricted to candidates for the Diploma in Education. For the requirements for a Diploma in Education and for a Superior First Class Licence to teach see page 52.

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*. B. A. Fletcher: *An Educational Survey of Antigonish County*. Julian Huxley: *Essays in Popular Science*.

English Language and Literature.

Professor.....C. L. Bennet (*Head of Dept.*).
Associate Professors.....Burns Martin, A. R. Jewitt.

- 1. Composition and Literature.**—*M., W. and F. at 12 m.*
Burns Martin, A. R. Jewitt.

Prerequisite.—Matriculation English.

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: To be announced.

In this class all students will be required to show that they have read the following novels: Goldsmith: *The Vicar of Wakefield*. Conrad: *Youth*; *Gaspar Ruiz* (Dent.). Haliburton: *Sam Slick* (ed. Baker).

- 2. The Renaissance; Shakespeare; Milton.** *M., W. and F. at 12 m.*
C. L. Bennet.

Prerequisite.—English 1.

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

Plays for special study: *A Midsummer Night's Dream*; *King Henry IV, part I*; *King Lear*; *The Tempest*.

For Distinction: *Romeo and Juliet*; *Richard II*; *Hamlet*; *Cymbeline*. An essay to be assigned by the instructor.

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

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

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

- 2E. M., W. and F. at 12 m.**

Prerequisite.—English 1.

Candidates for the Diploma in Engineering should consult the Instructor in English 2 at the beginning of the course.

- 3. Middle English.**—(1942-43). *Hours to be arranged.*
A. R. Jewitt.

Prerequisite.—English 2.

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

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

- 4. Nineteenth Century Literature.**—(1942-43). *Tu. and Th. at 4.30 p. m.*
C. L. Bennet.

Prerequisite.—English 2.

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

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

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

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

- 5. Nineteenth Century Literature.**—(1941-42). *Tu. and Th. at 11 a. m.*
C. L. Bennet.

Prerequisite.—English 2.

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

Text Books: Carlyle: *Sartor Resartus* (ed. MacMechan); *Poetry of the Victorian Period* (ed. Woods); or, *Victorian and Later English Poets* (Stephens, Beck and Snow).

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

For Distinction, as in English 4.

- 6. Old English.**—(1941-42). *Hours to be arranged.*
A. R. Jewitt.

Prerequisite.—German 1, or the equivalent.

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

- 7. Elizabethan Drama.**—(1942-43). *Tu. and Th. at 9 a. m.*
Burns Martin.

Prerequisite.—English 2.

A close study of English dramatic literature from Lyly to Shirley (1580-1642), with emphasis on representative texts. The class will be conducted as a seminar. Students intending to take this class are advised to read several of the set plays during the preceding summer.

Text Book: Schelling and Black: *Typical Elizabethan Plays*.

For Distinction: A report on the investigation of a special topic assigned by the instructor.

- 8. Canadian and American Literature.** (1941-42). *Tu. and Th. at 9 a. m.*
Burns Martin.

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).

Broadus and Broadus: *A Book of Canadian Prose and Verse*. (Macmillan in Canada).

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

- 9. Drama.**—(1942-43). *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.

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

- 10. Advanced English Composition.**—(Not given in 1941-42).
C. L. Bennet.

Prerequisite.—English 2. This class will be given only if a sufficient number of specially qualified students apply to be admitted. Laboratory methods will be used. There will be a daily composition with criticism and revision.

- 11. Modern Poetry.**—(1942-43). *M. and W. at 11 a. m.*
A. R. Jewitt.

Prerequisite.—English 2.

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

Texts: Sanders and Nelson: *Chief Modern Poets of England and America*.

12. The History, Theory and Methods of Literary Criticism.—(1941-42). *Hours to be arranged.* C. L. Bennet.

Prerequisite.—English 2.

For Honours 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.—(1941-42). *M. and W. at 11 a. m.* A.R. Jewitt.

An introduction to the historical study of the sounds, words and forms of English. 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.

Texts: Baugh: *History of the English Language*. Scott, Carr, Wilkinson: *Language and its Growth*.

For Reference: *To be assigned.*

14. Poetry and Prose of the English Renaissance—(Not given in 1941-42).

Prerequisite.—English 2.

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

15. English Literature in the Eighteenth Century.—(1942-43). *Tu. and Th. at 9 a. m.* Burns Martin.

Text Books: Shepard and Wood: *English Prose and Poetry, 1660-1800* (Houghton, Mifflin).

For reference: Alden: *Readings in English Prose of the Eighteenth Century*.

16. The English Novel since 1809 (Not given in 1941-42).

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.* A. R. Jewitt.

Text Book: Gordon: *Introduction to Old Norse*

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

20. Types of Literature. (1941-42) A. R. Jewitt.
To be offered only if hours can be arranged.
Prerequisite.—English 2.

An historical, comparative and critical study of the chief types of European literature, excluding the drama and the novel. Texts and translations as in Robbins and Coleman: *Western World Literature*.

Fine Arts.

Lecturer..... Donald C. Mackay.
M. and W. at 3.30 p. m.

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

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

French: see **Modern Languages.**

Geology and Mineralogy.

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

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

Prerequisite.—Geology 1.

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

Prerequisite.—Geology 1 and 2.

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

Prerequisite.—Geology 1.

Senior Classes.

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

Prerequisite.—Geology 1, 2 and 3.

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

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

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

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

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

Prerequisite.—Geology 1.

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

German: see **Modern Languages.**

Greek: see **Classics, Divinity.**

Hebrew: see **Divinity.**

Histology: see **Biology.**

History.

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

1. **History of Europe since the Fall of the Roman Empire**
M., W. and F. at 9 a. m. G. E. Wilson.
 Prerequisite.—Matriculation History.
2. **Ancient History.**—(1941-42, and in alternate years).—
M., W. and F. at 10 a. m. A. S. Walker.
 Prerequisite.—History 1.
3. **Modern England.**—(1942-43, and in alternate years).—
M., W. and F. at 10 a. m. A. S. Walker.
 Prerequisite.—History 1.
4. **History of Europe since 1815.**—(1942-43, 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.**—(1941-42, 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.
6. **England under the Tudors.**—(1941-42, and in alternate
 years). *M. and W. at 2.30 p. m.* A. S. Walker.
 Prerequisite.—Two classes in History.
7. **The Fourteenth Century.**—(1942-43, and in alternate
 years). *M. and W. at 2.30 p. m.* A. S. Walker.
 Prerequisite.—Two classes in History.
8. **History of Canada to 1837.**—(1941-42, and in alternate
 years). *Tu. and Th. at 10 a. m.* D. C. Harvey.
 Prerequisite.—History 1.
9. **History of Canada since 1837.**—(1942-43, and in alter-
 nate years). *Tu. and Th. at 10 a. m.* G. E. Wilson.
 Prerequisite.—History 1.
10. Seminar Course on **Canadian History** with special refer-
 ence 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.**—(1942-43).—
M., W. and F. at 10 a. m. G. E. Wilson.
 Prerequisite.—History 1.

12. **History of the United States since 1865.**—(1941-42).
M., W. and F. at 10 a. m. G. E. Wilson.
 Prerequisite.—History 1.
13. **A Period of Ancient History.**—*Two hours per week.*
 Prerequisite.—History 1 and Greek 2 or Latin 2.
 Intending students should consult the Instructor. Reports
 and some study of the original authorities will be required.
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*.

Mathematics.

Professor.....Murray Macneill (Head of Dept.).
Associate Professors.....J. G. Adshead, Charles Walmsley.

- 1. Elementary Mathematical Analysis.**—(1) *M., W. and F. at 10 a. m.*; (2) *M., W. and F. at 11 a. m.*; (3) *Tu., Th. and S. at 11 a. m.*
J. G. Adshead, C. Walmsley.

Prerequisite.—Matriculation Algebra and Geometry.

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

Text Book: *Mimeographed Notes.*

- 2. Analytic Geometry and Calculus.**—*M., W. and F. at 11 a. m.*
M. Macneill.

Prerequisite.—Mathematics 1.

Plane Co-ordinate Geometry, including equations of lines and conics. Differential and Integral Calculus with applications.

Text Book: Woods and Bailey: *Analytic Geometry and Calculus* (first half).

- 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: Woods and Bailey: *Analytic Geometry and Calculus* (second half). Walmsley: *Mathematical Analysis.*

- 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: Woods and Bailey: *Analytic Geometry and Calculus* (second half). Osgood: *Advanced Calculus.*

- 34. Tu. and Th. at 10 a. m.** M. Macneill.

Prerequisite.—Mathematics 2.

This course covers, in less detail, the work of Mathematics 3 and 4, and is arranged for candidates for the Diploma in Engineering.

Text Book: Woods and Bailey: *Analytic Geometry and Calculus.*

Senior Classes.

These classes are intended for candidates for Honours in Mathematics, candidates for Honours in allied subjects (e. g., Physics), and for those wishing to take mathematical work in their third or fourth year in the ordinary course in Arts or Science. They are also designed to serve as introductory courses for those who may afterwards undertake postgraduate 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.**—(1942-43).
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.

Text Books: Titchmarsh: *Theory of Functions.* Goursat: *Cours d'Analyse. t. 2.* Knopp: *Funktionen Theorie.* MacRobert: *Functions of a Complex Variable.* Works by Osgood, Picard, Caratheodory, Whittaker and Watson, Pierpont, and others.

- 6. Projective Geometry.**—(1942-43). J. G. Adshead.

Text Books: Graustein: *Introduction to Higher Geometry.* Baker: *Principles of Geometry.* Books by Young, Veblen and Young, Reye, Blaschke.

- 7. Theory of Functions of a Real Variable.**—(1941-42).
C. Walmsley.

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

Text Books: Titchmarsh: *Theory of Functions.* Vallée Poussin: *Cours d'Analyse.* Knopp: *Unendliche Reihen.* Kestelman: *Modern Theories of Integration.* Tonelli: *Serie Trigonometrique.* Fort: *Infinitie Series.* Works by Hobson, Borel, Zygmund, Lebesgue, Saks, Townsend and others.

- 12. Differential Equations.**—(1941-42). 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 particularly 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 hypergeometric equation and the equations of Bessel and Legendre.

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

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

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

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

- 9. Selected topics in Modern Analysis.**

- 10. Non-Euclidean Geometry.**

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

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

Medicine.

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

Modern Languages.

Professor.....	François-René Gautheron (Head of Dept).
Professor.....	Lothar Richter.
Associate Professor.....	C. H. Mercer.
Lecturer.....	
Special Lecturer.....	Johanna Richter.

French.

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

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

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

Text Books: *To be announced.*

1. (1) *Tu., Th. and S. at 9 a. m.*; (2) *Tu., Th. and S. at 11 a. m.*
Prerequisite.—Matriculation French.

Text Books: Bovée and Carnahan: *New French Review Grammar and Composition Book* (Heath). Linguaphone Conversational Course. Denoué: *Petit miroir de la civilisation française* (Heath). Tristan Bernard: *L'anglais tel qu'on le parle.* (Heath). Acemant: *Ces dames aux chapeaux verts* (Ginn). *Quatre contes* (Heath Graded French Readers).

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

Prerequisite.—French I. A course in phonetics is arranged and imperative for all students of French 2 whose pronunciation is faulty.

Text Books: Fraser and Squair: *Complete French Grammar.* Ch. M. des Granges: *Histoire de la littérature française.* Molière: *L'Avare* (Pellisson's edition, Delagrave, Paris); *Le Bourgeois gentilhomme* (Soury's edition, Delalain, Paris). La Fontaine: *Fables* (Clément's edition, Armand Colin, Paris). La Bruyère: *Les Caractères* (Selected). Ernest Weekley: *French prose composition* (W. B. Clive).

Additional for Distinction: Boileau: *Satires.* Fénelon: *Dialogues des morts.* Victor Hugo: *Les pauvres gens.* Alphonse Daudet: *Lettres de mon moulin.* Maurois: *Les discours du docteur O'Grady.*

3. *Tu. and Th. at 3.30 p. m.*

Text Books: Le Sage: *Gil Blas.* Voltaire: *Contes.* Balzac: *Eugénie Grandet.* Alfred de Musset: *Carmosine.* Stendhal: *La chartreuse de Parme.* Ritchie and Moore: *Manual of French Composition* (Cambridge University Press).

Additional for Distinction: Vigny: *Stello.* Lamartine: *Chefs-d'oeuvre poétiques.* Victor Hugo: *Aymerillot.* A. Daudet: *Tartarin de Tarascon.* H. Bordeaux: *La maison.*

Senior Courses.

4. **History of French literature from the Renaissance to the beginning of the philosophic movement (1530-1685).** (1942-43). *Tu. and Th. at 4.30 p. m.*

(This class and the two following will be conducted entirely in French).

Text Books: Ch. M. des Granges: *Histoire de la littérature française.* J. Vianey: *Chefs-d'oeuvre poétiques du XVIIe siècle* (Hatier). Ch. M. des Granges: *Morceaux choisis des auteurs français du XVIIe siècle.* Corneille: *Horace.* Molière: *Le Misanthrope.* La Fontaine: *Fables* (Clément's edition). Racine: *Phèdre.* Boileau: *Art poétique.*

Additional for Distinction: Molière: *Les Précieuses ridicules.* Bossuet: *Oraison funèbre d'Henriette d'Angleterre.* La Rochefoucauld: *Maximes.* Madame de la Fayette: *La Princesse de Clèves.* Madame de Sévigné: *Lettres choisies.*

5. **History of French literature from the beginning of the XVIIIth century to the romantic movement.**—(1943-44). *Tu. and Th. at 4.30 p. m.*

Text Books: La Bruyère: *Les Caractères.* Montesquieu: *Lettres persanes* (selected). Marivaux: *Les fausses confidences.* Voltaire, by L. Flandrin (Hatier). D'Alembert: *Discours préliminaire de l'Encyclopédie.* J. J. Rousseau: *Les Confessions* (selections). André Chénier: *Poésies choisies.*

Additional for Distinction: Saint-Simon: *La cour de Louis XIV* (Nelson). Racine: *Athalie.* Rivarol: *Discours sur l'universalité de la langue française.* Beaumarchais: *Le Barbier de Séville.*

6. **History of French literature: XIXth and XXth centuries.**—(1941-42). *Tu. and Th. at 10 a. m.*

Text Books: Ch. M. des Granges: *Morceaux choisis des auteurs français des XIXe et XXe siècles.* Chateaubriand: *Mémoires d'outre tombe.* Lamartine, by M. Levailant (Hatier, Paris). Victor Hugo, by M. Levailant (Delagrave, Paris). A. de Musset: *Lettres de Dupuis et Cottonet.* Sainte-Beuve: *Poètes romantiques* (selected articles.) Sandeau: *Mademoiselle de la Seiglière.* Loti: *Pêcheur d'Islande.* Jules Lemaitre: *En marge des vieux livres.*

Additional for Distinction: Ch. M. des Granges: *Les romanciers français, 1800-1930.* A. de Vigny: *Poésies choisies.* A. de Musset: *On ne badine pas avec l'amour.* Augier: *Les Effrontés.* Faguet: *L'Art de lire.* Estaunié: *Tels qu'ils furent.*

7. (a) **Phonetics and Conversation.**—*Two hours per week.*

Prerequisite: French 2.

The subject matter will deal chiefly with the life, customs and institutions of present day France.

Text Books: E. E. Paton: *Causeries en France* (Heath). Clerk and Leclercq: *L'âme française* (Nelson.) Clément and Macrone: *Voici la France* (Heath). Albert L. Cru: *La lecture expliquée* (Gage and Co.)

Additional for Distinction: De Champ and Swedelin: *Le français courant* (Copp, Clark). F. C. Roe: *La France laborieuse.* Ardouin-Dumazet: *La France qui travaille* (Heath.)

German.

German A.—*Tu., Th. and S. at 10 a. m. or at hours to be arranged.*

C. H. Mercer.

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

Text Books: Vos, *Essentials of German*, Sixth Edition (Holt). Winter: *Pictorial Talks* (Pitman). Koischwitz: *Deutsche Fibel* (Crofts). Thoma: *Lausbubengeschichten* (Heath). *Practical Travel Talks* (Harrap).

German 1.—*Tu., Th. and S. at 9 a. m. or at hours to be arranged.*

L. Richter.

Prerequisite.—Matriculation German.

Text Books: Vos, *Essentials of German*, Sixth Edition (Holt). Heyse: *L'Arrabbiata* (Heath). Thoma: *Cora* (Heath). Meyer: *Das neue Deutschland* (Bell). Gerstäcker: *Germelshausen* (Heath Graded Readers). *Practical Travel Talks* (Harrap).

2. **M. W. and F. at 2.30 p. m.** C. H. Mercer.

Prerequisite.—German 1A or 1B.

Text Books: Chiles and Wiehr: *First Book in German* (Ginn). Burkhard: *Vier kleine Lustspiele* (Heath). Hauff: *Die Karanane* (Dent). Fulda: *Bunte Gesellschaft* (Heath). Collman: *Easy German Poetry* (Ginn). *Practical Travel Talks* (Harrap).

3. **German Science Reading—M. and W. at 12 m.**

L. Richter.

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

Text Book: Wild: *An Anthology of Scientific German* (Oxford Univ. Press).

4. **Conversation and Composition.**—*Hours to be arranged.*

Prerequisite.—German 2, or equivalent.

5. **German Literature in the XVIIIth Century.**—(1942-43). *Hours to be arranged.*

J. Richter.

Prerequisite.—German 2, or equivalent.

Poetry, prose and drama will be read. Among the dramas there will be: Lessing: *Nathan der Weise*. Schiller: *Kabale und Liebe*; *Wallenstein*. Goethe: *Goetz von Berlichingen*; *Egmont*; *Faust I*.

Text Books: Vogt und Koch: *Geschichte der deutschen Literatur*. F. Vogel: *Von deutscher Dichtung* (Teubner). H. Kluge: *Auswahl deutscher Gedichte* (Bonde).

Supplementary Reading for Distinction will be arranged individually.

6. **German Literature in the XIXth Century.**—(1941-42). *Hours to be arranged.*

J. Richter.

Prerequisite.—German 2, or equivalent.

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

Text Books as in German 5.
Supplementary Reading for Distinction will be arranged individually.

7. **German Contemporary Prose.**—(1942-43). *Hours to be arranged.*

J. Richter.

Prerequisite.—German 2, or equivalent.

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

Supplementary Reading for Distinction will be arranged individually.

8. **German Mediaeval Literature.**—(1941-42). *Hours to be arranged.*

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

J. Richter.

Prerequisite.—German 2, or equivalent.

Spanish.

Spanish 1A.—*Tu., Th. and S. at 11 a. m. and a fourth hour to be arranged when the class meets.*

C. H. Mercer.

Prerequisite.—Complete Matriculation standing.

This class is intended for those who have had no opportunity to study Spanish before entering college. By means of the extra hour and additional private study under the supervision of the Instructor, it is expected that such students will be able to attain the same standard in April as students who entered Spanish 1B with Matriculation Spanish their credit.

Text Books: Pittaro and Green: *Modern Spanish Grammar* (Heath). Forrester and Loly: *Vamos a México* (Heath). Castillo and Sparkman: *Sigamos Leyendo* (Heath). *La Buenaventura* (Heath), *Gil Blas* (Heath) E. A. Piers: *Spanish Language Course Records*.

1B. **M., W. and F. at 3.30 p. m.** C. H. Mercer.

Prerequisite.—Matriculation Spanish.

Text Books: Hills and Ford: *Spanish Grammar for Colleges* (Heath). Robles: *Cartilla Española* (Crofts). Taboada: *Cuentos Alegres* (Heath). *Linguaphone Conversational Course*.

2. **M., W. and F. at 4.30 p. m.** C. H. Mercer.

Prerequisite.—Spanish 1A or 1B.

Text Books: Crawford: *Un Viaje por España* (Holt). Camba: *La Rana Viajera* (Heath). Adams: *Popular Spanish Readings* (Crofts). *Linguaphone Conversational Course*. *La Prensa* (Spanish newspaper).

3. (1942-43). **Tu. and Th. at 4.30 p. m.** C. H. Mercer.

Prerequisite.—Spanish 2.

Text Books: Pittaro and Green: *Segundo Curso de Español* (Heath) Luria: *Correspondencia Comercial* (Silver, Burdett). Wilkins: *An Omnibus of Modern Spanish Prose*. *Linguaphone Conversational Course: Spanish*. *La Prensa* (Spanish Newspaper).

4. (1941-42). **Tu. and Th. at 4.30 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: *Antología de Cuentos Americanos* (Heath).

5. **History of the Spanish Language.**—*Three hours per week.*

C. H. Mercer.

Text Books: R. Menéndez Pidal: *Manual de gramática histórica española. Poema de mio Cid*, Clásicos castellanos, Madrid, 1924. Berces: *Milagros de nuestra señora*, Clásicos castellanos, Madrid, 1922.

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

Music.

Lecturer..... Harry Dean.

Music 1.—Harmony and Analysis of Musical Form.

Music 2.—History of Music, Appreciation of Music, Public School Music. Sight-singing and Ear-training.

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

Philosophy.

Professor..... H. L. Stewart (Head of Dept.).
Associate Professor..... F. H. Page.

1. Logic and Psychology.—Tu., Th. and S. at 9 a. m.
H. L. Stewart, F. H. Page.

Text Books: Logic: Creighton: *Introductory Logic*. Psychology: Woodworth: *Psychology*, Fourth Edition.

2. History of Greek Philosophy.—(1941-42). W. and F. at 3.30 p. m.
H. L. Stewart.

Prerequisite.—Philosophy 1.

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

3. Ethics.—(1941-42). Tu. and Th. at 11 a. m. H. L. Stewart.
Prerequisite.—Philosophy 1.

Text Books: Plato: *Republic, I-IV*. Butler: *Sermons*. Mackenzie: *Manual of Ethics*. Mill: *Utilitarianism*. Sidgwick: *History of Ethics*. Reference will also be made to Rashdall: *The Theory of Good and Evil*, and to Moore: *Principia Ethica*.

4. History of Moral Ideas.—(1942-43). Tu. and Th. at 11 a. m.
H. L. Stewart.

Prerequisite.—Philosophy 1.

Text Book: Lecky: *History of European Morals*. Reference will frequently be made to Westermarck: *Origin and Development of the Moral Ideas*.

5. Metaphysics.—(1942-43). Th. and S. at 10 a. m. H. L. Stewart.
Prerequisite.—Philosophy 1.

Text Book: Taylor: *Elements of Metaphysics*.

6. History of Philosophy from Bacon.—(1942-43). W. and F. at 3.30 p. m.
H. L. Stewart.

Prerequisite.—Philosophy 1.

Text Books: Bacon: *Novum Organum*. Locke: *Essay on the Human Understanding*. Berkeley: *Dialogues*. Höfding: *History of Modern Philosophy*.

7. British Philosophy in the Nineteenth Century.—(1941-42). Th. and S. at 10 a. m.
H. L. Stewart.

Prerequisite.—Philosophy 1.

8. Philosophic Ideas in Literature.—(1941-42). W. and F. at 2.30 p. m.
H. L. Stewart.

Prerequisite.—Philosophy 1.

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

Psychology.

Associate Professor..... F. H. Page.

2. Social Psychology.—(1941-42). M. and W. at 10 a. m.
Prerequisite.—Philosophy 1.

Text Books: McDougall: *Introduction to Social Psychology*. Allport: *Social Psychology*. Klineberg; Murphy and Newcomb: *Experimental Social Psychology*.

3. Child Psychology.—(1941-42). M. and W. at 9 a. m.
Prerequisite.—Philosophy 1. (With the consent of the Instructor students may in certain cases be admitted without the prerequisite).

Text Books: Morgan: *Child Psychology* (Revised Edition). Brooks: *Child Psychology*. Stern: *Psychology of Early Childhood*. Koffka: *Growth of the Mind*. Gesell: *Infancy and Human Growth*. *Handbook of Child Psychology*, ed. Murchison.

4. Abnormal Psychology.—(1942-43). M. and W. at 10 a. m.
Prerequisite.—Philosophy 1.

Text Books: Fisher: *An Introduction to Abnormal Psychology*. Hollingworth: *Abnormal Psychology*. Dorcus and Shaffer: *Textbook of Abnormal Psychology*. Shaffer: *The Psychology of Adjustment*. McDougall: *Outline of Abnormal Psychology*.

5. Psychophysical Problems.—(1941-42). Tu. and Th. at 10 a. m.

Prerequisite.—Philosophy 1.

A discussion of the theories of the relation between mind and body and of the nature of personality.

Books Recommended: McDougall: *Body and Mind*. Broad: *Mind and its Place in Nature*. Russell: *Analysis of Mind*.

6. History of Psychology.—(1942-43). Tu. and Th. at 10 a. m.
Prerequisite.—Philosophy 1.

Theories of the mind from Aristotle to the present day, including the current systems.

Reference Books: Brett: *History of Psychology*. 3 vols. Rand: *The Classical Psychologists*. Murphy: *Historical Introduction to Modern Psychology*. Boring: *History of Experimental Psychology*. Woodworth: *Contemporary Schools of Psychology*.

Physics.

Professors..... H. L. Bronson (*Head of Dept.*), J. H. L. Johnstone.
 MacGregor Teaching Fellow..... Vernon Crawford.
 Demonstrators..... W. M. Creelman.

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.* J. H. L. Johnstone.

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

Text Book: Eldridge: *College Physics*.

2. Mechanics, Hydrostatics, Heat, Light and Sound.—*Lect.: M., W. and F. at 10 a. m. Lab.: F., 2.30 to 5.30 p. m., but other hours may be arranged.* H. L. Bronson.

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

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

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

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

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

4. Heat and Light.—*Lect.: W. and F. at 9 a.m. Lab.: M., 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: Valasek: *Elements of Optics*. Hart: *An Introduction to Advanced Heat*.

5. Physical Optics.—(1942-43) *Lect.: Tu. and Th. at 10 a.m. Lab.: M., 2.30 to 5.30 p. m.* J. H. L. Johnstone.

Prerequisite.—Mathematics 2, Physics 4.

Text Books: Wood: *Physical Optics*. Schuster: *Physical Optics*.

6. Electricity and Magnetism.—*Lect.: M. and W. at 11 a.m. Lab.: W., 2.30 to 5.30 p. m., or to be arranged.* H. L. Bronson.

Prerequisite.—Mathematics 2, Physics 3.

Text Book: Starling: *Electricity and Magnetism for Advanced Students*.

7. Thermodynamics and Kinetic Theory of Gases.—(1941-42). *Lect.: Tu. and Th. at 10 a. m. Lab.: M., 2.30 to 5.30 p. m.* J. H. L. Johnstone.

Prerequisite.—Mathematics 2, Physics 4.

Text Books: Roberts: *Heat and Thermodynamics*. Loeb: *Kinetic Theory of Gases*.

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

Prerequisite.—Physics 2 and 3.

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

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

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

Seminar and Journal Club.—*Tu. at 5 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.

Mathematical Physics.

Professor..... G. H. Henderson.

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

Prerequisite.—Two classes in Physics.

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

14. Mechanics.

Prerequisite.—Mathematics 2 and Physics 2.

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

Books Recommended: Lamb: *Statics; Dynamics*.

15. Advanced Mechanics.

Prerequisite.—Physics 14.

A continuation of the previous class.

16. Introduction to Mathematical Physics.

Prerequisite.—Mathematics 3 and Physics 6.

17. Mathematical Physics.

Prerequisite.—Physics 16.

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

18. Quantum Theory.

Prerequisite.—Physics 7 and 14.

19. Advanced Electricity and Magnetism.

Prerequisite.—Physics 16.

Book Recommended: Jeans: *Electricity and Magnetism*.

Physiology: see **Biology.**

Political Science.

Professor..... R. A. MacKay.
Special Lecturer..... L. Richter.

1. Government of the British Commonwealth.—*M., W. and F.* at 3.30 p. m. R. A. MacKay.

Books recommended: No text will be prescribed but readings will be assigned from time to time from the following: Ogg: *English Government and Politics*. Dicey: *Law of the Constitution*. Jennings: *The Law and the Constitution*. Cabinet Government. Keith: *The Governments of the British Empire*. Introduction to Constitutional Law. Kennedy: *Constitution of Canada*. Wheare: *The Statute of Westminster*. Hancock: *Survey of British Commonwealth Affairs*. Problems of Nationality. Dawson: *The Development of Dominion Status*, 1900-1936.

2. International Relations and Problems.—(1941-42). *M., W. and F.* at 12 m. R. A. MacKay.

Prerequisite.—Two of Political Science 1, Economics I, History IV.

Books recommended: Brierley: *The Law of Nations*. Moon: *Imperialism and World Politics*. Hayes: *Essays on Nationalism*. Webster and Herbert: *League of Nations in Theory and Practice*. Gathorne-Hardy: *A Short History of International Relations*. Simmonds and Emeny: *The Great Powers in World Politics*. E. M. Pattison: *The Economic Bases of Peace*. MacKay and Rogers: *Canada Looks Abroad*.

3. Democracy and Dictatorship.—(1942-43). *M., W. and F.* at 9 a. m. L. Richter.

Prerequisite.—Political Science 1 or History 1.

The United States, France, Switzerland and the Scandinavian countries will be studied as model of democracies; and Germany, Italy and Russia as models of totalitarian states.

Text Book: Spencer: *Government and Politics Abroad*.

Books recommended: C. Hoover: *Dictators and Democracies*. T. H. R. Marriott: *Dictatorship and Democracy*. C. J. Friedrich: *Constitutional Government and Politics*. E. M. Sait: *Political Institutions: a Preface*. Finer: *Theory and Practice of Modern Government*. Beard: *American Government and Politics*. Munro: *The Government of Europe*. Finer: *Mussolini's Italy*. S. and B. Webb: *Soviet Communism*.

4. Constitution and Government of Canada.—(Not given in 1941-42). *M. and W.* at 2.30 p. m. R. A. MacKay.

Prerequisite.—Political Science 1.

The course will be based largely on a study of cases and documents.

Books recommended: A. Brady: *Canada*. R. MacG. Dawson: *Constitutional Issues in Canada and The Civil Service of Canada*. W. P. M. Kennedy: *The Constitution of Canada*. R. A. MacKay: *The Unreformed Senate of Canada*. J. A. Maxwell: *Federal Subsidies to the Provincial Governments in Canada*. Report of Royal Commission Dominion Provincial Relations.

5. Principles of Public Administration.—(1941-42) *Hours to be arranged.* L. Richter.

Prerequisite.—Political Science 1.

Functional study of administration in Canada with special attention to Nova Scotia and to municipal problems.

6. Modern Political Theory.—(1942-43). *M., W.*, 12 m. R. A. MacKay.

Prerequisite.—Political Science I, and the consent of the Instructor.

A study of the principal political thinkers since Rousseau, with special attention to the philosophical basis of nationalism, liberalism, socialism, fascism.

Honour and M. A. Courses.

Honour students taking classes numbered 2 to 6 above will be required to do additional work under the direction of the Department.

Honour and M.A. Courses. (Other students with advanced standing may be admitted but no student may register for any of these classes without the consent of the Department).

10. Introduction to Law and Legislation.

This class may be given in whole or in part in the Law School.

11. Constitutional and Administrative Law.

This class may be given in whole or in part in the Law School.

12. International Law.—This class may be given in whole or in part in the Law School.

13. Problems of Canadian Government and Administration.—(1942-43). *Hours to be arranged.* R. A. MacKay.

A seminar course covering such subjects as the nature of the Canadian Federal system; problems of governmental regulation of economic activities and of administration of social services in a federal state; Canadian political parties; Dominion-provincial financial relations.

14. History of Political Theory.—(1941-42). *Hours to be arranged.* R. A. MacKay.

15. Problems of the British Commonwealth.—Seminar course—(1941-42). *Hours to be arranged.* R. A. MacKay.

Psychology: see **Philosophy.**

Spanish: see **Modern Languages.**

Sociology: see **Economics.**

Zoology: see **Biology.**