CALENDAR

1964-1965

University of King's College

FOUNDED A.D. 1789

HALIFAX, NOVA SCOTIA

176TH SESSION

CONTENTS

GENERAL UNIVERSITY ALMANAC 1964-65

June 14 Su. —The Atlantic Summer School for Advanced Business Administration begins.

July 17 F. —The Atlantic Summer School for Advanced Business Administration ends.

15 W. —Last day for receiving applications[1] for Fall Supplemental examinations in all faculties.

Aug. 18 Tu. —Supplementary examinations begin in Arts and Science.

Sept. 1 Tu. —Last date for receiving applications for admission to Faculty of Arts and Science and Divinity.

14 M. —Supplemental examinations begin in Divinity. Registration (and payment of fees) begins for new students in Faculty of Arts and Science and in the School of Divinity. The only regular registration day for new students from Halifax and Dartmouth.

15 Tu. —Registration begins for other new students in Faculty of Arts and Science and in the School of Divinity.

16 W. —Registration begins for other than new students in Faculty of Arts and Science and in the School of Divinity.

19 S. —12 noon. Regular registration[2] period ends for students in Arts and Science and in the School of Divinity. Halifax Students will not be registered on this day. Late fee payable after this date.

21 M. —9.00 a.m. Classes begin in Arts and Science and Divinity.

24 Th. —Meeting of Arts and Science Faculty Council. Meeting of the Divinity Faculty.

28 M. —Last day for change of course in Faculty of Arts and Science[3] and School of Divinity.

Oct. 3 S. —Final date for late admission (Arts and Science and Divinity.

12 M. —Thanksgiving Day No classes.

Nov. 11 W. —Remembrance Day. No classes.

Dec. 19 S. —12 noon. Christmas vacation begins.

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

[2] Late registration requires approval of the Dean of the Faculty, and an extra fee not to exceed $5.00 per day or a total of $35.00.

[3] Charge of $1.00 for changing course after this date. For classes cancelled after this date, see p. 38.

1965

Jan. 4 M. —9.00 a.m. Classes resumed.

Feb. 5 F. —Winter Carnival. No classes.
6 S.

Mar. 9 Tu. —Munro Day. No classes.

Apr. 1 Th. —Last day for receiving applications for examinations for Spring supplemental examinations[1].

14 W. —Last day of classes in Arts and Science and Divinity.

16 F. —Good Friday. No classes.

20 Tu. —Spring examinations begin in Arts and Science and Divinity.

May 7 F. —11.00 a.m. Meeting of Faculty of Arts and Science.
— 2.30 p.m. Meeting of Divinity Faculty.

9 Su. —11.00 a.m. Baccalaureate Service (King's)

12 W. —Encaenia Day—King's Convocation—Divinity, Journalism and Social Work.

13 Th. —University Convocation. Regular session ends.

OFFICE HOURS

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

[1] Fee must accompany application.

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1964-1965

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FACULTY OF DIVINITY
1964-1965

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The Rev. C. W. F. Stone, B.A., B.D. (Vind)—Associate Professor of Liturgics, 1525 Larch St., Halifax, N. S.

The Rev. Frantisek Uhlir, Ph.D. (Prague)—Associate Professor of Sociology, 51 Fairmount Road, Armdale, N. S.

The Rev. R. J. R. Stokoe, B.Sc., B.A., Dip. Th. (Dunelm)—Alexandra Associate Professor of Pastoralia, 6042 South St., Halifax, N. S.

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Edward Roberts, A.R.C.M.—Lecturer in Diction and Voice Production, 6 Elmwood Apts., 5289 South St., Halifax, N. S.

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Judge J. E. Hudson, B.A., LL.B., D.C.L.—Special Lecturer in Church Polity and Canon Law, The Juvenile Court, Law Courts Bldg., Halifax, N. S.

University of King's College
Historical Sketch

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

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

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

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

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

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

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

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

CONSTITUTION

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

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

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

FACULTIES

Faculty of Arts and Science

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

Faculty of Divinity

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

AFFILIATED INSTITUTIONS

The Maritime School of Social Work was incorporated in 1941.

The Atlantic School of Journalism and Communications was founded in 1947. The School was re-organized in 1962 and the founding name, School of Journalism, replaced by the present title.

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

The Institute of Pastoral Training was founded in 1955.

EXEMPTIONS GRANTED TO KING'S COLLEGE BY OTHER INSTITUTIONS

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

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

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

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

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

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

CHAPEL

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

Services are held as follows:

Sundays	8.30 a.m.	Holy Communion
	11:00 a.m.	Morning Prayer
Weekdays	7:30 a.m.	Morning Prayer and Holy Communion
	5:15 p.m.	Evening Prayer

The service on Wednesday morning is a College Corporate communion.

As well, the University Anglican Chaplain conducts a service of Holy Communion each Tuesday during term at 12:40 p.m. in the Dalhousie Arts and Administrative Building, Room 218.

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

DISCIPLINE

The maintenance of discipline is in the hands of the President, the Deans, and the Professors. Under powers delegated by the Board of Discipline, undergraduates exercise a measure of self-government in maintaining good order and discipline in the residences. Students conducting themselves in an unbecoming manner on or beyond the premises of the College during the session may be fined, rusticated, suspended or expelled.

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

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

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

STUDENT GOVERNMENT

King's College has a unique system of student government in that there are male and Co-ed student bodies which are entirely separate in their organizations and their business transactions.

THE MEN'S STUDENT COUNCIL

The chief business of the Men's Student Body is transacted by the Council composed of the Senior, the Treasurer, the Secretary, the C.U.S. Chairman, and a respesentative from each of the five classes. The class representatives are chosen

at class meetings held during the Fall term, while the other officers, with the exception of the Senior Student, are elected in March of the academic year before they are to take office, by the whole Student Body. The Senior is appointed by the University President in consultation with the outgoing Student Council. The Council meets at frequent intervals and has general supervision over the funds of the students' societies, and in addition acts as a board of discipline and is responsible for the conduct of the students in the residence.

CO-ED STUDENT COUNCIL

The Co-ed Student Council conducts the chief business of the Co-ed Student Body. The Vice-President, Secretary, Treasurer, Town Girls' Representative, and Freshette Representative are elected in the Fall term by the Co-ed Student Body, and the C.U.S. representative is elected in the spring by the Student Body. The Senior Co-ed is appointed by the University President during the Spring term. The Co-ed Student Council is also responsible for the conduct of the Co-eds in residence.

KING'S COLLEGE LIBRARY

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

King's Library is very rich in the field of English literature. Much of the credit for the development in this field

must go to the late Professor Burns Martin. The Professor Burns Martin Memorial Fund continues to aid the library's growth in this area.

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

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

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

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

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

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

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

DEGREES AND COURSES

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

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

Convocation confers the degrees in course of Doctor of Divinity and Bachelor of Divinity (on recommendation of the Board of Examiners of the General Synod of the Anglican Church of Canada), Master of Social Work (on the recommendation of the Maritime School of Scoial Work), Bachelor of Sacred Letters and Bachelor of Sacred Theology. Courses are prescribed for the diplomas: Licentiate of Theology, Student of Theology, Associate of King's College, Nova Scotia, and for Diploma in Journalism (on the recommendation of the Atlantic School of Journalism and Communications).

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

OTHER COURSES

Master of Social Work

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

Master of Arts and Master of Science

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

Bachelor of Education

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

By arrangement with the Nova Scotia Department of Education, graduates in Arts and Science who have completed the course at Dalhousie University leading to a Degree in Education subsequent to receiving their degree in Arts or Science may receive a permanent Professional Certificate (class II) to teach in any public school in Nova Scotia. Mastery of he content of this course is a necessary step toward securing the Professional Certificate (Class I).

Diploma in Journalism

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

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

KING'S COLLEGE RESIDENCE 1964-65

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

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

Senior Don (Men)—The Rev. R. D. Crouse, B.A., (Dal.-King's), S.T.B. (Yale), M.Th. (Trinity, Tor.)

Dons—L. William Caines, B.A. (Dal.-King's)
Allan Patton, B.A. (Dal. King's)
Douglas Brown, M.A. (Queen's)
John Burns, B.A. (Alberta)

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

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

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

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

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

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

Both residences are designed so that it is not necessary to go outside for meals and extra-curricular activities.
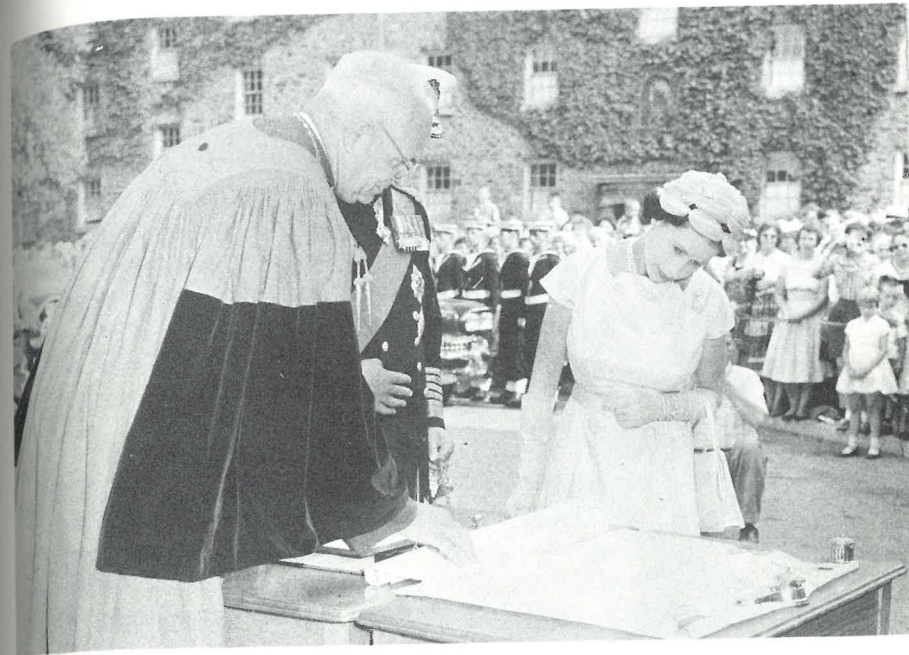
The Rt. Rev. R. H. Waterman, and the Royal Couple examine the Charter of 1802, granted to King's College by King George III.

The Queen Visits King's

The first few days of August of 1959 saw Her Majesty the Queen and Prince Philip in Halifax, on the last leg of the 1959 Royal Tour of Canada.

Among her engagements in Halifax was a short visit to the University of King's College. On August 3, 1959, she made her visit to the college, and was greeted on behalf of King's by the Lord Bishop of Nova Scotia. The Queen and Prince Philip then entered their names in the visitors book, and members of the Board of Governors and the Divinity School Council were presented to them.

The Queen and Prince Philip also examined the Royal Charter of the College, granted by her ancestor, King George III, in 1802.

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

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

The residence will be opened for students from the evening of September 13, 1964 until the morning of December 19, 1964, and from the evening of January 3, 1965 to the morning of May 14, 1965. Resident students in faculties whose terms exceed these periods may reside in the College by permission of the Dean on payment of rent; and, when Prince Hall is open, meals may be eaten by arrangement with the Steward.

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

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

GENERAL UNIVERSITY REGULATIONS†

Registration

All students of the University are required to appear in person at registration and to enter their names in the Register annually, agreeing to obey all the regulations of the University already made or to be made, and to pay the required fees and deposits before entering any class or taking any examination.

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

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

Discipline

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

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

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

Non-Academic Student Activities

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

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

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

* These regulations do not apply to the Dramatic Society.

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

Dalhousie Libraries

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

Other Libraries

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

Conferring Of Degrees

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

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

Student Employment

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

All students wishing assistance in obtaining part-time, summer, or graduates seeking permanent employment, are urged to register early in October with the University Placement Officer, Room 150, Arts and Administration Building.

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

STUDENTS' HEALTH SERVICE

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

1. All students registering for the first time at the University are required to undergo a medical examination of the beginning of the session. A student is not covered by the Students' Health Service until he has complied with the requirements set out in this section. (Especially Sec. 1 & 4b.)

2. Appointments for these examinations will be made at the time of registration. Students are excused from classes to keep such appointments.

3. Annual examinations will be required of all students who are found on admission to be in a low medical category, and also of students participating in major sports.

4. The Students' Health Service provides the following services:

a. An annual medical questionnaire to be completed at the time of registration.

b. Each student registering at King's College for the first time will have a tuberculin test and all students who had a negative tuberculin reaction the preceding year will also be re-tested. Each student who receives the test will be required to return after two days for its interpretation. If the reaction is positive he will be required to have a chest X-ray. If the reaction is negative his registration record will be completed in the appropriate section.

Those requiring an X-ray will have the registration completed when the X-ray is taken.

Students who are conscientious objectors to the tuberculin test or X-ray must indicate this and must obtain a certificate of good health from the Students' Health Service.

Registration will not be complete until 2, 3, or 4, as appropriate, has been carried out. Penalties for late registration will apply from the date a student fails to keep the appointment for the reading of the tuberculin test or X-ray, whichever is applicable.

c. A medical examination of students who request it because of illness**. **Students are urged to seek medical attention early in illness.**

d. A medical service for minor ailments at the Dalhousie Public Health Clinic from 12.15 noon to 1.15 p.m. daily except Sundays. A student who is too ill to attend the noon clinic or who is taken ill outside of clinic hours may consult a doctor of his own choice. The Students' Health Service will pay for physicians' call at the rate of $3.00 for the first visit and $2.00 for the second, with a limit of $5.00 for each illness. Students may pay the doctor's fee and bring receipted bill to the Students' Health Service Office, or may have his bill directed to that office.

e. Any medicines (except antitoxin sera, insulin or other unusual preparations) and dressings that are available through the Halifax Visiting Dispensary. Except in unusual circumstances the service is not responsible for cost of drugs obtained elsewhere than the Dispensary.

f. A free clinic for immunization against diphtheria, and vaccination against smallpox held every Wednesday at 2.00 p.m. at the Dalhousie Public Health Clinic.

g. Hospitalization Expenses:
   The Emergency Department of the Victoria General Hospital is available to students if the need arises. If required to enter hospital for observation or treatment during the academic year (excluding Christmas recess) a student, on discharge

** Physicial examination certificates for scholarships, summer employment, etc., are not the responsibility of the Students' Health Service.

from the hospital, should present the receipted bill to the Director of the Students' Health Service. Students whose hospital account is not already covered by an insurance plan will be reimbursed by the Business Manager of the University at the ward rate to the extent of nine days in any one session. If the student uses semi-private or private facilities in the hospital, he must pay all room charges in excess of the ward rate and X-ray and laboratory charges if any.

For students not admitted to hospital but requiring laboratory and/or X-ray investigation, these services will be paid for by the Students' Health Service up to a maximum of $30.00, but only if the services have been ordered in advance by the Students' Health Service. Payment will not be made for such services ordered by private physician, unless authorized.**

5. The Service does **not** provide for the following:

a. Surgical operations other than in the Public Wards of the Victoria General Hospital.

b. Treatment by Specialists other than those physicians to whom a student is referred by the Students' Health Service.

c. Dental treatment.

d. Physician's fee for attendance elsewhere than at the Dalhousie Public Health Clinic, except as stated in Section 4 (d) hereof.

e. Illness attributable to misconduct.

f. Hospitalization except as stated in Section 4 (g) hereof. Elective surgery is not provided.

g. Any other service not specified in Secion 4 hereof.

h. Obstetrics, and hospital rates connected therewith.

**Students should ascertain their eligibility under their own province's scheme for hospitalization.

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6. Arrangements for consultations during the session are to be made through the office of the Director, Students' Health Service, Dalhousie Public Health Clinic (Telephone, 423-8438).

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

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

9. Coverage under Students' Health Service is for all registered students with the exception of:

a. Students registered for the degree of Bachelor of Nursing Science—for period in hospital only.

b. Students in 5th year Medicine.

c. Students in Graduate Psychiatry.

d. Occasional students.

SERVICES TRAINING

University Naval Training Division

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

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

Canadian Officers Training Corps

The Dalhousie-King's Universities Contingent of the Canadian Officers Training Corps provides an opportunity for any male student, who is seventeen years of age and physically fit, to become a qualified officer in the Canadian Army (Active or Reserve).

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

Further details may be obtained from the C.O.T.C. office in the Dalhousie Education Building.

R. C. A. F. Reserve University Squadron

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

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

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

Regular Officers Training Plan

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

Children of War Dead (Education Assistance)

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

EXPENSES*

Resident Students

The annual charges for board, light, etc., to Resident Students from Arts and Science registration day (including Sunday, September 13th) until Dalhousie Convocation Day (except that students **not** in their graduating year will be expected to vacate the residence on the day following their last examination) are as follows:

	Double	Single
Men's Residence	$625	$675
Women's Residence	$650	$700

Students in residence must make a deposit of $350.00 at the commencement of the first term, the balance of the bill to be paid in February when the account is rendered.

Non-Resident Students

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

Surcharges

If deposit is not paid within 21 days of registration day a surcharge of 5% will be charged and a further 2% for each additional complete month until paid. The same applies to charges payable by Non-Resident Students. Bills will be rendered in February and if not paid within 21 days a similar surcharge and interest as above will be added.

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

Fee For Student Organizations

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

Caution Deposit

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

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

FEES

Payment

All fees are due and are expected to be paid on registration date. Fees must be paid in Canadian Funds at par in Halifax (add ⅛ of one per cent, minimum 15c, charge on cheques outside the Halifax area). Post dated cheques cannot be accepted.

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

Minimum payable at registration $100. (No registration will be accepted without this payment, and a late fee of $5.00 per day will be charged until this is paid.

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

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

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

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

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

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

Salaries paid by Dalhousie cannot be applied to fees.

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

LATE REGISTRATION

Students are required to register on the regular registration date as shown on page 24. Late registration requires approval of the Dean of the Faculty and extra fee of $5.00 per day. No student is considered registered until a minimum payment of $100 is made. A student registered for 1 or 2 classes is not considered registered until **full** fees are paid.

CHARGES

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

FACULTY OF ARTS AND SCIENCE

King's Students $488.00

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

    a. Registration Fee $5.50
    b. Student Health Fee 5.00
    c. Library Fee 5.00
    *d. Rink and Athletic Fund 3.00
    *e. Student Council Fee, including $10.00 for
        Student Union Building 34.00
    f. Faculty Society Fees (Arts and Science) .. .50

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

Students registering for 1 or 2 classes in all Faculties for University credit.... per class $100.00

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

Students not candidates for University credit who wish to take one University lecture class because of their interest in it. No credit or official transcript will be issued to such a student $45.00

EVENING CLASSES

For students wishing to enrol in a single Arts class, take the examination and obtain a certificate $55.00

For students wishing to audit such a class without writing the examination or obtaining a certificate $45.00

In all other cases regular tuition fees apply.

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

Payment of fees for evening classes is required on registration.

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

LIBRARY FEE

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

FACULTY OF THEOLOGY

Students taking the whole of the Divinity course will be charged each year $200.00
Arts students in the affiliated course in Divinity (each) .... $ 40.00
For Probationary Year in Divinity fees are as follows:
Religious Knowledge .... no charge
English Bible 1 or 2 .... $ 40.00
Elementary Greek, Sociology 1, Philosophy 1 and either English 1 or History 1 (each) .... $ 90.00

JOURNALISM

Payable to King's College (each) $60.00
Arts subjects payable to Dalhousie.

EXAMINATIONS

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

Supplemental and Special (per examination) .. $15.00
At an outside centre (each—extra) 5.00
For re-examination of a paper 3.00

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

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

DIPLOMAS

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

Journalism Diploma $10.00

L.Th., S.Th., A.K.C. 12.00

For examination of A.K.C.(N.S.)(not returnable) 15.00

B.S.Litt., B.S.T. 20.00

M.S.W. 20.00

B.D. 26.00

D.D. 42.00

Additional fee for any degree in absentia at the Spring Convocation 10.00

***CERTIFICATES

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

Certificate of Standing: First transcript .. no charge

Additional copies: each original $1.00

Extra copies, each .... .50

STUDENT PHOTOGRAPH

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

LABORATORY CHARGE

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

REFUND OF FEES

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

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

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

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

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

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

a. Full incidental fees for the session.

b. One half of the tuition fee for the session if the withdrawl occurs before January 31.

c. The full tuition fee for the session if the withdrawal occurs after January 31.

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

EXAMINATION REQUIREMENTS FOR MATRICULATION

A. General

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

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

B. Students Educated in Canada

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

a. Certificates of the Common Examining Board of the Atlantic Provinces.

b. High School Provincial Certificates of Grade XI or XII of Nova Scotia, issued by the Department of Education of the Province of Nova Scotia.

   The pass mark for (a) and (b) is 50%, and an average mark of 60% is required.

c. Equivalent Certificates issued by the Departments of Education in other Provinces.

d. Second-Year Certificates issued by Prince of Wales College, Charlottetown, Prince Edward Island.

e. Certificates of Matriculation Examination taken at recognized Universities in Canada.

C.   Students Educated Outside Canada

1. Candidates educated in the United States of America.

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

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

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

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

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

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

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

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

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

a. An Oversea School Certificate, Sudan School Certificate, or Federation of Malaya School Certificate awarded by the Cambridge Local Examinations Syndicate. The minimum standard is "CREDIT" or "VERY GOOD".

b. A West African School Certificate awarded by the Cambridge Local Examinations Syndicate before 1960 or by the West African Examinations Council since 1960. The minimum standard is "CREDIT" or "VERY GOOD".

c. A Cambridge Oversea Higher School Certificate with a PASS level in both subsidiary and principal subjects.

d. A General Certificate of Education awarded by the Oxford Delegacy of Local Examinations, with a PASS at the ordinary level.

e. A General Certificate of Education awarded by the University of London, with at least five subjects passed at the **ORDINARY LEVEL.**

f. A Ceylon Senior School Certificate or a Ceylon General Certificate of Education with passes at the **"CREDIT"** level.

g. A Certificate of the Matriculation Examination of the University of Hong Kong.

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

3. Candidates holding certificates from India and Pakistan.

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

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

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

a. that they are qualified for entrance to an approved University in their own country;

b. that they have covered the subjects prescribed in A above; and

c. that their knowledge of English is equivalent to that demanded by the General Certificate of Education of the University of London

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

Faculty of Arts and Science

The Academic Year begins September 23rd, 1964, and ends May 14th, 1965.

ADMISSION

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

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

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

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

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

Occasional students are those who are not candidates for a degree or diploma but who wish to take one university class because of their interest in it. The total cost payable by an occasional student is $45.00 per class. No class taken on these terms may be offered as a credit towards a degree or diploma at Dalhousie University, and no official transcript will be issued.

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

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

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

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

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

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

Exemptions are granted only on the following conditions:

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

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

The certificates to which these provisions apply are the following:

a. High School Grade XII of Nova Scotia issued by the Department of Education.

b. Equivalent Senior Matriculation Certificates issued by Departments of Education of other Provinces, or approved by the Committee on Admissions.

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

† The standard requirement is 50% in each subject.

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

Students having credit for at least four of these classes will be given an opportunity to complete a course for a degree in three years, but it should be noted that only students of superior ability can do this. A candidate will be allowed supplemental examinations in the subjects required to complete five classes provided that the certificate shows a mark of at least 30 percent in such subjects and that the candidate has credit for the corresponding matriculation subjects. This applies to subjects of Group (A) only.

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

Admission ad Eundem Statum

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

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

AFFILIATED INSTITUTIONS
Prince of Wales College

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

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

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

GENERAL FACULTY REGULATIONS

Admission to Classes

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

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

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

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

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

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

Class Work and Attendance

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

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

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

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

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

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

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

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

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

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

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

EXAMINATIONS

Sessional and Class Examinations

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

Class Lists

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

Supplemental and Special Examinations

A student who fails to secure a position on the Pass List in a class, but who has otherwise fulfilled the requirements in class work may be allowed the Supplemental examination in that class at the beginning of the next session of his attendance, on the day appointed in the University Almanac, provided that no student may write more than two supplemental examinations on the work of any session, or an
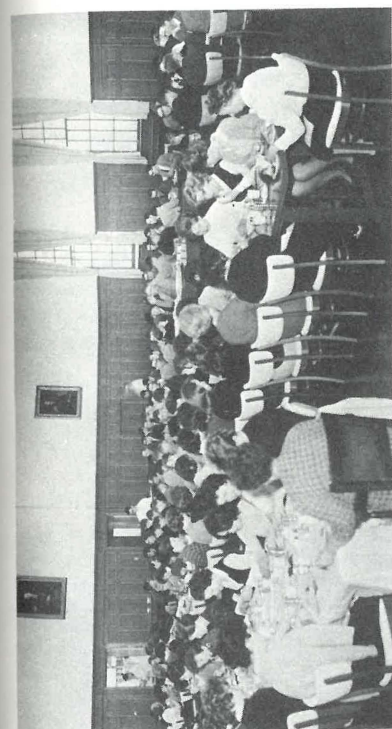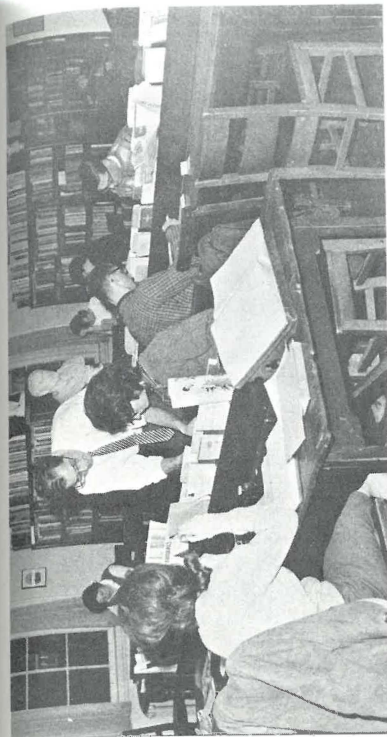
The life of a college invariably centres around its buildings and its rooms and meeting places.

The spiritual, social, academic and physical life at King's is designed to produce a greater development of the individuality and ability of each student.
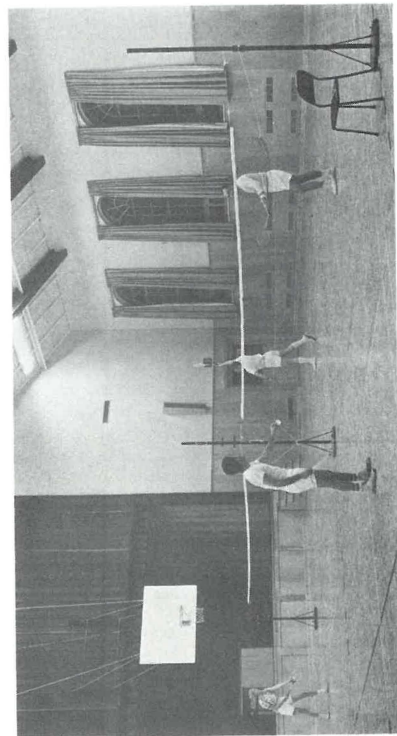
examination in any class in which he obtained a final mark below 40%. A student who fails to write or pass the Supplemental examination can obtain credit for this class (without repeating it) only by passing a Special* examination.

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

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

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

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

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

DEGREES AND COURSES

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

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

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

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

(A) Ordinary Course

The twenty units for the ordinary degree must be selected from the following list and arranged in accordance with the table on pages 38-39.

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

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

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

Lists of the classes chosen by students must be submitted for approval not later than Monday, September 28th, 1964.

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

TABLE 1

Units	Course for B.A.	Units	Course for B.Sc.
	The ordinary course of study prescribed for the Bachelor of Arts degree consists of the following twenty classes:		The ordinary course of study prescribed for the Bachelor of Science degree consists of the following twenty classes:
6	(i) Two classes in English; one class in Mathematics; three classes in one foreign language, or Greek A, Greek 1 and Hebrew 2.	4	(i) Two classes in English. Two classes in French or in German or in Russian.
1	(ii) One class in Biology, Chemistry, Geology, or Physics.	4	(ii) One class in each of the following: Chemistry, Mathematics, Physics, Biology or Geology.
2	(iii) Any two of: a university course in European History, Philosophy 1, Psychology 1.	1	(iii) One class in one of the following: Classical Literature in translation, English, History, Economics, Political Science, Philosophy, Psychology or a Foreign Language. (If a Foreign Language is offered it may be a third class in the language offered in Section (i) above or a class in another language—if the latter is an "A" class (e.g. German A) a second class in the same language must be offered in Section (v), below).
1	(iv) Any one of: Economics 1, Political Science 1, Sociology 1.		
1	(v) Classical Literature in translation or a class in Latin or Greek beyond Latin 1 or Greek 1*.		
6	(vi) Six classes which require a university class as prerequisite selected from not more than two departments.	7	(iv) Seven other classes which require a university class as prerequisite selected from not more than three of the departments of Science and Mathematics.
	Continued on page 52.		

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

Course of B.Sc.

(v) Four other classes, of which Mathematics 2, if not taken in Section (iv) above, must be one.

Candidates taking at least four classes in Geology may offer Drawing 1, Drawing 2, and Surveying 1, as three classes in this group.

Students taking affiliated courses may substitute the classes for the Diploma in Engineering, the classes for first year Medicine or Dentistry, or the classes for the Diploma in Pharmacy for three classes in this group.

Students not taking the affiliated course with Engineering, may count Drawing 1 and Mechanics 2 under this Section.

4

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Course of B.A.

(vii) *Three elective classes, so that of the nine classes chosen from sections (vi) and (vii) not more than seven are in any one department.

(viii) Students taking an affiliated course may substitute the first year of Law, Medicine, Dentistry, or Divinity for the three elective courses.

3

20

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

ORDER OF CLASSES

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

Affiliated Courses

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

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

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

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

Honours Courses (B)

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

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

The following are the general rules for an Honours course:

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

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

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

3. To obtain Honours, a student must:

   a. observe the rules for the ordinary B.A. or B.Sc. degree as laid down in the Calendar;

   b. take at least five advanced classes prescribed by the department in which he is taking Honours;

   c. take two additional or special classes—one in the third year and one in the fourth year in the department in which he is doing his Honours work. (These classes shall be primarily for Honours students and may be given in any way that the department may decide.) This means that twenty-two classes are needed for the B.A., B.Sc. degrees with Honours;

   d. pass a comprehensive examination covering his Honours work at the end of his course;

   e. make an average of not less than 65% in all his Honours classes. (This includes the five advanced classes, the two additional classes and the comprehensive examination at the end.)

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

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

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

Classes of Instruction
BIOLOGY

Professor - - - K. E. von Maltzahn (Head of Dept.), A. C. Neish	
Professor (Oceanography) - · - · - F. R. Hayes	
Associate Professors - - - D. Pelluet, L. C. Vining, O. P. Kamra	
Associate Professor (Oceanography) - · - E. H. Anthony	
Assistant Professors - - J. E. Philips, I. G. MacQuarrie, G. H. Geen,	
M. J. Harvey, J. E. McInerney	
Assistant Professor (Occeanography) - - - C. M. Boyd	

The programme in Biology is designed to provide the student with a basic training in biology science which may serve as a preparation for graduate and professional work in Botany or Zoology, in Microbiology or Medicine. The training leads to professional opportunities which include teaching of natural sciences in secondary schools and universities, work in industrial and research laboratories, and research posts with Federal and Provincial Departments of Agriculture, Forestry, Fisheries, and Wild Life Management. It serves also as preparation for professional courses of Medicine and Dentistry and various technical posts in medical laboratories. A student looking forward to Biology in general or one of its branches as his major field of study is invited to to consult the Department early in his course so that a proper plan can be worked out. Classes normally taken by an Honours student are as follows:

Biology (Plant Science): Biology 102, 201, 202, 203, and 204, 221, 222, 223, and 224, and two other Biology classes of which at least one should be from the Biology 300 group.

Biology (Zoology): Biology 102, 201, 202, 203, and 204, 241, 242, 243, and 244, and two other Biology classes of which at least one should be from the Biology 300 group.

Biology (General): Biology 102, 202, 203, and 204, two of Biology 221-224, two of Biology 241-244, and two other classes from the Biology 300 group.

Introductory Classes

101. General Biology

Lect.: Tues., Thurs, at 9.00 a.m. and Thurs. at 12.00; Lab.: M., 2.30-5.30 p.m, or S., 10.00-1.00 p.m. This class is designed for students in

Arts and Science who do not intend to take any other classes in Botany. Lectures are given in the Chemistry Theatre, laboratory work in the Forrest Building.

102. General Plant Science and Zoology

Lect.: Tues., Thurs. at 10.00 and Tues. at 1.30. Lab.: W. or F., 2.30-5.30 p.m. This class is designed for students in Science, Pre-medicine, Pre-dentistry and Pharmacy who intend to take other classes in Biology. Lectures are given in the Physics Theatre, laboratory work in the Forrest Building.

Intermediate Classes

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

201. General Genetics   D. Pelluet and others

Lect.: M., W., and F. at 12.00 noon. An introduction to the study of inheritance in animals and plants. Lectures are given in the Arts Building, Studley.

202. General Physiology and Biochemistry of Organisms
J. E. Phillips, I. G. MacQuarrie

M., W., F. at 9.00 a.m. Lab.: M. or Th., 2.30-5.30 p.m. An introduction to the chemistry and physics of life, with particular emphasis on energy relationships. The laboratory serves also as an introduction to instrumentation in these fields.

203. General Cytology and Cellular Biology   D. Pelluet and others

M. and W. or F. at 10.00 a.m. Lab.: Tu. 2.30-5.30 p.m. The laboratory serves also as an introduction to microscopic techniques, including quantitative microscopy and electronmicroscopy as well as cyto and histochemical techniques.

204. Principles of Ecology   G. H. Geen, M. J. Harvey, J. E. McInerney

Tues. and Thurs. at 11.00 a.m. Lab.: M., 2.30-5.30 p.m. The relations of plants and animals to the physical and biochemical features of the environment.

221. Biology of the Lower Plants (1964-65)   K. E. von Maltzahn, E. H. Anthony

W. and F. at 9.00 a,m, Lab.: 2.30-5.30 p.m. Morphology; cytology; development and evolution of algae, bacteria, and fungi; methods of cultivation.

222. Classification, Experimental Taxonomy, and Evolution of Higher Plants (1964-65)   M. J. Harvey

M. and W. at 10.00 a.m. Lab.: M., 2.30-5.30 p.m. Introduction to the classification and evolution of the vascular plants, with some emphasis on the flora of the Atlantic Provinces.

223. Physiology of Plants (1964-65)   I. G. McQuarrie

Lect.: M. at 11.00 a.m., F. at 10.00 a.m. Lab.: Th. 2.30-5.30 p.m. This class includes lectures and seminars on selected topics in Plant Physiology. Organic Chemistry is a prerequisite.

224. Plant Histology and Morphogenesis (1965-66)
K. E. von Maltzahn

Lect.: W. and F. at 9.00 a.m. Lab.: W., 2.30-5.30 p.m. Developmental plant anatomy and the experimental analysis of plant organization.

241. Biology of Invertebrates (1965-66)   D. Pelluet, C. M. Boyd, G. H. Geen

Lect.: M. and W. at 10.00 a.m. Lab.: Tu., 2.30-5.30 p.m. This class includes field and laboratory studies of the seashore fauna and an introduction to marine plankton.

242. Biology of Vertebrates   J. E. Phillips, J. E. McInerney

Lect.: Tu. and Th. at 11.00 a.m. Lab.: Tu. and Th., 2.30-5.30 p.m.

243. Animal Physiology (1965-66)   J. E. Phillips and others

Lect.: M. and W. at 1.30 p.m. Lab.: 2.30-5.30 p.m. This class deals with the nervous system, sense organs, hormones, muscles, and other effector organs.

244. Experimental Embryology (1965-66)

Lect.: M. and W. at 12.00 noon. Lab.: W., 2.30-5.30 p.m.

290. Undergraduate Research for Honours Students

Advanced classes are available to Honours and Graduate students.

Biological Journal Club

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

Summer Courses

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

CHEMISTRY

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

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

1. General Chemistry

Prerequisite: Matriculation Chemistry or Physics or Mathematics. All students registering for Chemistry 1 must consult the appropriate instructor in the Chemistry Building before seeking official registration. These consultations must be held between Monday and Friday of Registration week. Only those who have been given section assignment can be guaranteed a place in lecture and laboratory.

1 a.   G. A. Dauphinee

Lect.: M., W., and F. at 9.00 a.m. Lab.: Tu. or W. or Th., 2.30-5.30 p.m. This section includes Science students. *Texts*: to be announced.

1 b.   K. T. Leffek

Lect.: M. W., and F. at 11.00 a.m. Lab.: Tu. or W. or Th., 2.30-5.30 p.m. This section includes Arts, Commerce, Pre-law, and Engineering students. *Texts*: to be announced.

1 c.   T. P. Forrest

Lect.: Tu., Th. at 11.00 and Th. at 1.30. Lab.: Tu. or W. or Th., 2.30-5.30 p.m. This section includes Pre-dental, Pre-medical, Nursing, Pharmacy, and Dental Hygiene students. *Texts*: to be announced.

2. Elementary Physical and Analytical Chemistry

K. E. Hayes, W. E. Jones, D. E. Ryan

Lect.: Tu. and Th. at 10.00 a.m. Lab.: M. or Fr. 2.30-5.30 p.m. Prerequisite: Chemistry 1 and Mathematics 1. This class is divided into

two sections. *Chemistry 2a* includes Engineering, Engineering Physics, and Physics students. *Texts*: Day and Underwood, *Quantitative Analysis*s Daniels and Alberty, *Physical Chemistry*. *Chemistry 2b* is taken by all other Chemistry 2 students. *Texts*: Day and Underwood, *Quantitative Analysis*: others to be announced.

4. Organic Chemistry   W. J. Chute

Lect.: M. and W. at 10.00 a.m. Lab., W. or F. 2.30-5.30 p.m. or S., 9.30-12.30 a.m. Prerequisite: Chemistry 1. *Texts*: Brewster and McEwan, *Organic Chemistry*; others to be announced.

The following undergraduate classes are designed primarily for students intending to take Honours in Chemistry (see page 53). Chemistry 5, 6, and 7, should be taken in the third year and Chemistry 8, 9, and 11 in the fourth year. (Others wishing to take any of these classes must obtain the consent of the instructor.)

5. Physical Chemistry   K. E. Hayes

Lect.: M. and W. at 10.00 a.m. Lab.: W. F., 2.30-5.30 p.m. Prerequisite: Chemistry 2, Mathematics 2, Physics 26. *Texts*: Daniels *et al*, *Experimental Physical Chemistry*, 6th ed. Others to be announced.

6. Qualitative Organic Analysis   W. J. Chute

Lect.: M. and W. at 12.00 noon. Lab.: M., 2.30-5.30 p.m. Prerequisite: Chemistry 2 and 4. This class is a continuation of Chemistry 4. The laboratory work will consist of the identification of organic compounds. *Texts*: Brewster and McEwen, *Organic Chemistry*; Shriner, Fuson, and Curtin, *Identification of Organic Compounds*.

7. Inorganic Quantitative and Instrumental Analysis

D. E. Ryan

Lectures: M and W. at 11.00 a.m. Lab.: Pre-Christmas, Tu. and Th., 2.30-5.30 p.m. Post-Christmas, Tu. or Th. 2.30-5.30 p.m. Prerequisite: Chemistry 2. *Texts*: Skoog and West, *Fundamentals of Analytical Chemistry*.

8. Structural Inorganic Chemistry

Lect.: and Lab.: five hours per week. Prerequisite: Chemistry 5 and *Texts*: to be announced.

9. Quantum Chemistry and Orbital Theory   W. R. Trost

Lect.: Tu. and Th. at 11.00 a.m.

11. Undergraduate Research for Honours Students

Advanced classes are available to Honours and Graduate students and others who satisfy the instructor that they are qualified.

Chemistry Seminar

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

BIOCHEMISTRY

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

CLASSICS

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

GREEK
Elementary Courses

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

A. Introductory Greek   J. A. Doull

M., Tu., Th., and F. at 2.30 p.m. This course is intended for beginners and those who have less than Matriculation Greek. It may be counted towards a degree if a second class in Greek has been satisfactorily completed. *Texts*: Hillard and Botting, *Greek Primer*; Nairn and Nairn, *Greek Through Reading*.

1.   M. A. Usmiani

M., W., and F. at 10.00 a.m. Prerequisite: Matriculation Greek or Greek A. *Texts*: further reading from Nairn and Nairn, *Greek Through Reading*; Genner, *Selections from the Attic Orators*; Plato, *Ion*. Grammar and Composition.

2.   J. P. Atherton

M., W., and F. at 12.00 noon. Prerequisite: Greek 1, *Texts*: Plato, *Apology* and *Crito*; Homer, *Iliad*, VI. Grammar and Composition.

Intermediate Course

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

3.   J. A. Doull

Hours to be arranged. Prerequisite: Greek 2, The works studied in this course will vary from year to year, but will be three Greek plays or comparable reading in other poets. A part of the reading for Greek 4 or 5 may sometimes be given at an intermediate level.

Advanced Courses

These are intended chiefly for Honours students.

5. Readings in the Greek Philosophers (1964-65 J. P. Atherton

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

5. Reading in the Greek Philosophers (1964-65)   J. A. Doull

Hours to be arranged. Parts of Plato and Aristotle will be studied. Students in this course will normally be expected to take either Philosophy 5 or Philosophy 8 in the same year.

6. Greek Poetry (1965-66)   J. A. Doull

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

20. Composition   The Department

See under Latin 20.

LATIN
Elementary Courses

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

1. Introductory Latin   R. D. Crouse

M., W., and F. at 12.00 noon. Prerequisite: Matriculation Latin. Special provision will be made for students who have not studied Latin previously. *Texts*: Hettich and Maitland, *Latin Fundamentals*; Harrington, *Mediaeval Latin*; a classical text to be prescribed.

2.   M. A. Usmiani

M., W. and F. at 11.00 a.m. Prerequisite: Senior Matriculation Latin or Latin 1. Cicero's *De Senectute*, selections from Catullus and from Horace's *Odes* will be read. Grammar and composition.

Intermediate Courses

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

3. Readings in the Roman Historians and Philosophers (1964-65)   J. P. Atherton

M. and W. at 12.00 noon. Prerequisite: Latin 2, Parts of Cicero, Sallust, Tacitus, and Seneca will be studied.

4. Rearings in the Latin Poets (1964-65)   M. A. Usmiani

Tu. and Th. at 11.00 a.m. Prerequisite: Latin 2, Selections from Lucretius, Propertius, Ovid, and others will be read.

Advanced Courses

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

5. The History of Roman Satire (1964-65)   M. A. Usmiani

M. and W. at 10.00 a.m. Prerequisite: Latin 3 or 4, which may, however, sometimes be taken in the same year.

6. Roman Comedy (1964-65)   M. A. Usmiani

Tu. and Th. at 11.00 a.m. Prerequisite: Latin 3 or 4, which may, however, sometimes be taken in the same year.

7. A Study of Vergil (1964-65)   M. A. Usmiani

Tu. and Th. at 11.00 a.m. Prerequisite: Latin 3 or 4, which may, however, sometimes be taken in the same year.

8. The History of Roman Literature (1964-65)   M. A. Usmiani

Tu. and Th. at 10.00 a.m. Prerequisite: Latin 3 or 4, which may, however, sometimes be taken in the same year

20. Composition (1964-65)   The Department

Hours to be arranged. All candidates for Honours in Classics will be expected to take this course, which is identical with Greek 20. Exercises in Greek and Latin composition will be done and unseen passages from various authors read.

Classical Literature, History, and Philosophy

1. Classical Literature in Translation   J. A. Doull, J. P. Atherton, R. D. Crouse

M., W., F. at 12.00 noon. Lectures on a number of the chief works of Greek and Latin Literature.

22. Greek History (1965-66)   J. P. Atherton

Hours to be arranged. Prerequisite: History 2 or with the approval of the instructor. A seminar course in Greek History from 776 B.C. to the end of the Pelopennesian War.

23. Roman History (1964-65)   J. P. Atherton

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

6. Greek Philosophy (1964-65)   J. A. Doull, R. D. Crouse

Prerequisite: Philosophy 1. A seminar on the history of Greek philosophy.

7. Medieval Philosophy (1965-66)   J. A. Doull, R. D. Crouse

Prerequisite: Philosophy 1. A seminar on patristic and medieval philosophy. Towards meeting degree requirements, the History and Philosophy classes listed above may be counted as either Classics or Philosophy courses.

ECONOMICS AND SOCIOLOGY
Economics

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

Students who think they might wish to take the Honours course in Economics are advised to consult the Department as early as possible in the years preceding the time of entry into the Honours course. Substantial changes in and additions to the courses listed here will likely be made. Students should consult either the Registrar's Office or the Department before registering.

1. Principles of Economics   J. F. Graham, R. L. Comeau

Section (1): M, W, F at 11.00; (2) Tues., Thurs. at 11.00 and Thurs. at 1.30; (3) M, W, F. at 4.30; (4) M, W, F. at 2.30.

2. Money, Banking and International Trade   A. M. Sinclair

Tu. and Th. at 11.30 a.m. Prerequisite: Economics 1.

3. Labour Economics   R. L. Comeau

M., W., and F. at 10.30 a.m. Prerequisite: Economics 1.

5. Public Finance   J. F. Graham

Tu. and Th. at 2.30 p.m. Prerequisite: Economics 1.

6. Economic Statistics   R. E. George

M., W., and F. at 2.30 p.m. Lab.: Th, 3.30-5.30 p.m. Prerequisite: Economics 1 and Mathematics 1. Functions of statistics; statistical enquiries; analysis and tabulation; error in derived statistics; presentation techniques; measurer of average and dispersion; time series; index numbers; correlation; sampling; probability; sources of statistics. (same as Commerce 12.)

7. International Trade: Theory and Policy   A. M. Sinclair

M. and W. at 12.00 noon. Prerequisite: Economics 2. Others may be admitted by special permission of the instructor.

8. History of Economic Thought

M., W., and F. at 11.00 a.m. Prerequisite: Economics 1.

9. Money and Banking   R. L. Comeau

Tu. and Th. at 11.00 and M. at 12.00 noon. Prerequisite: Economics 2. Others may be admitted by special permission of the instructor.

10 and 11

These are the special classes for Honours students prescribed in the regulations governing Honours Courses.

12. Economic Analysis I. (1965-66)   A. M. Sinclair

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

13. Economic Analysis II. (1964-65)   A. M. Sinclair

M. and W. at 9.00 a.m. Prerequisite: Economics 1. This class will cover macro-economic theory.

14. Comparative Economic Systems (1964-65)

Time to be announced. Prerequisite: Economics 1.

15. Canadian Economic History (1965-66)

Prerequisite: Economics 1.

16. Economics of Socialism (1964-65)

Time to be announced. Prerequisite: Economics 1.

17. Theory and Problems of Economic Development

M., and W., and F. at 2.30 p.m. Prerequisite: Economics 1.

19. World Economic Geography (1965-66)   R. S. Cumming

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

20. Economic Development of Western Civilization (1964-65)   R. S. Cumming

Time to be announced. Prerequisite: Economics 1. (Same as Commerce 10.)

21. Applied Economics   R. E. George

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

22. Theory of the Business Cycle   R. E. George

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

23. The Regional Economy of Latin America   R. S. Cumming

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

24. Economic History of Great Britain and the British Empire Overseas   R. S. Cumming

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

25. Regional Economic Development

Tu. and Th. at 10.00 a.m. Prerequisite: Economics 1.

27. Seminar in Politics, Philosophy and Economics   D. Braybrooke

Hours to be arranged. This class is principally for Honours and M.A. students.

Seminar for Honours and M. A. Students

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

Sociology

Associate Professor - - - - - - F. Uhlir
Assistant Professor - - - - - W. Benallick

1. Principles of Sociology

M., W., and F. at 1.30 p.m. *Texts*: Kingsley Davis, *Human Society*. Additional paperbacks will be announced.

2. The Modern Community (1965-66)

M. and W. 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. *Texts*: B. R. Blishen, *Canadian Society* ; L. Nelson, *Community Structure and Change*; W. Peterson, *Population*. Reference books: Wright, *Population*; Towne, *Social Problems* (revised ed) ; Davie, *Problems of City Life*; Sorokin and Zimmerman, *Rural-Urban Sociology*; Fairchild, *Immigration*. Also topical bibliography supplied in class.

3. Sociology of Work (1965-66)

Prerequisite: Sociology 1 or Economics 1. The sociological perspective of economic activities, occupational roles, and relationship between work and leisure. *Texts*: To be announced.

4. Christianity and Western Civilization (1964-65)

Tu and Th. at 11.00 a.m. Prerequisite: Sociology 1 or Economics 1 or History 1. A study of the roots of Western civilization in the social heritage of the past twenty centuries. Concepts of social man and personality in pre-medieval, medieval, and modern times. The Christian basis of modern man and society. *Texts*: Beatty and Johnson, *Heritage of Western Civilization*; K. Mannheim, *Diagnosis of Our Time*; P. Sorokin, *The Crisis of Our Age*; H. Butterfield, *Christainity and History*.

5. Seminar in Sociological Theory (1964-65)

Prerequisite: Sociology 1. *Texts*: Lichtenberger, *Development of Social Theory*; Sorokin, *Contemporary Social Theories*. Additional readings prescribed from Giddings, Bristol, Bogardus, Barnes, and other writers on historical sociology.

6. Programmes of Social Reconstruction in Our Age (1964-65)

M. and W. at 12.00 noon. Prerequisite: Sociology 1 or Economics 1. Contemporary social and ecomonic ideologies.; Democratic and totalitarian attemps to solve social problems; conflicts between tradition and progress, and disturbances in the sphere of social values; toward a new social philosophy. *Texts*: K. Mannheim,*Man and Society in an Age of Reconstruction*; H. E. Barnes, *Society in Transition*; J. J. Maritain, *Christianity and Democracy*; L. Mumford, *Faith for Living*.

7. Comparative Study of Religion (1964-65)

Tu. and Th. at 2.30 p.m. and Thurs. at 12.00 noon. Prerequisite: Sociology 1 or Economics 1 or History 1. Primitive man and religion; religious foundations of great civilizations of the past. Judaism, Mohammedanism, Christianity; theories of religion; Christianity in a changing world. *Texts*: Noss, *Man's Religion*; Sydney Cave, *Christianity and Some Living Religions of the East*; Sorokin-Zimmerman-Galpin, *A Systematic Source Book in Rural Sociology*, Vol. I; Loughmead Casserley, *The Retreat from Christianity*; George Galloway, *The Philosophy of Religion*.

8. Seminar in Sociological Methodology and Research (1965-66)

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

9. Advanced Seminar in Sociological Research (1964-65)

M. at 7.00 p.m. Prerequisite: Sociology 8. Field-work; analysis of date; research report. *Texts*: Young, *Scientific Social Survey and Research*; H. W. Odum and K. Jocher, *An Introduction to Social Research*; F. E. Croxton and D. J. Cowden, *Applied General Statistics*.

10. Class, Status and Power (1964-65)

M. and W., at 11.00 a.m. Prerequisite: Sociology 1. A study of research and theory on social stratification mobility, and the distribution of power both in social organizations and in total societies. *Texts*: To be announced.

11. Comparative Social Institutions

Prerequisite: Sociology 1. A cross-cultural comparison of the social institutions of pre-literate and literate peoples. Kinship systems, the family, economic and political institutions. *Texts*: To be announced.

EDUCATION

Professors - - A. S. Mowat (Head of Dept.), H. J. Uhlman
Assistant Professors - - - R. D. H. Black, D. R. Olson
Special Lecturers - E. Anderson, J. Reppetaux, K. D. Gowie,

1. General Principles of Education*

M., W., and F. at 11.00 a.m. This is an introductory course in Education which provides for a comparative and historical treatment of recently developed educational theories and methods. Attention is also given to some of the more important educational principles which give direction to recent developments in Canadian education. This course may count toward the degree of B.A. or B.Sc., but may be taken only by students in their third or fourth year. It is also a required course for candidates for the Junior or Senior Diploma in Education, and for the B. Ed. degree (if not already taken) *Texts*: Bigge and Hunt, *Psychological Foundations of Education.*

ENGLISH LANGUAGE AND LITERATURE

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

1. Introduction to Poetry, Fiction, and Drama

Sections 1, 2, 3: M., W., F. at 12.00; section 4: M., W., F. at 10.00 a.m.; sections 5, 6, 7: M., W., F. at 1.30 p.m.; sections 8, 9: Tues.,

*It is intended that Education 1 and Education 2 will be offered in alternate years at the Dalhousie Summer School. Education 1a and 2a, previously offered in the evenings, are discontinued. Teachers in service wishing to improve their license standing should attend the summer-school classes.

Thurs. at 9.00 and Thurs. at 12.00; section 10: Tues., Thurs. at 10.00 and Tues. at 1.30 p.m. An introduction to the critical reading of literature for students taking a first-year class in English for a degree in Arts, Science, or Commerce. *Texts*: Laurence Perrine, *Sound and Sense: An Introduction to Poetry*; an anthology of short stories (to be announced); Bulfinch's *Mythology*; Shakespeare, *King Lear*; Synge, *The Playboy of the Western World*; Miller, *Death of a Salesman*; Dickens, *Great Expectations*; Crane, *The Red Badge of Courage*; James, *The Turn of the Screw*; Fitzgerald, *The Great Gatsby*. Handbook for theme correction: *Handbook for Writers* (Prentice-Hall).

2. Survey of Major British Writers

Sections 1, 2, 3: M., W., F. at 12.00 noon; section 4: M., W., F. at 10.00 a.m.; sections 5, 6, 7: M., W., F. at 1.30 p.m. sections 8, 9: Tues., Thurs., at 9.00 and Thurs. at 12.00; section 10: Tues., Thurs. at 10.00 and Tues. at 1.30. Prerequisite: English 1 or an equivalent class, or Senior Matriculation with a mark of at least 65% in English. An historical study of English literature through the works of major writers. *Texts*: Chaucer; Shakespeare, *Henry IV, I, Othello, The Tempest*; Milton, *Paradise Lost*; Pope; Bronte, *Wuthering Heights*; Tennyson, *Idylls of the King*; Conrad, *Heart of Darkness*; Cary, *The Horse's Mouth*, T. S. Eliot, *The Waste Land*. Handbook for theme correction: *Handbook for Writers.*

3. Middle English (1964-65) A. G. Cannon

M., W., F. at 3.30 p.m. Prerequisite: English 2. Primarily for Honours students. An introduction to literary traditions, 1100-1500, with close textual study of selected works. *Texts*: *Chaucer*, ed. Robinson; *Mediaeval English*, ed. Kaiser.

4. Poetry of the Nineteenth Century (1964-65)

M., W., F. at 9.00 a.m. Prerequisite: English 2. Blake; Wordsworth; Coleridge; Shelley; Keats; Byron; Tennyson; Browning; Arnold. *Texts*: to be announced.

5. Victorian Literature (1964-65) C. L. Bennet

M. and W. at 12.00 noon. Prerequisite: English 2. Carlyle; Browning; Arnold; Dickens; Thackeray; Ruskin; Newman. *Texts*: Carlyle, *Sartor Resartus* (ed MacMechan): Buckler and Templeman, *Prose of the Victorian Period*; verse anthology to be announced.

6. Old English (1964-65) R. M. Dawson

M., W., F. at 3.30 p.m. For Honours and Graduate students, and others by special permission. Students intending to take this class should arrange for preparatory reading during the summer. *Texts*: To be announced.

7. Shakespeare and Elizabethan Drama (1964-65) S. E. Sprott

Tu. and Th. at 4.30 p.m. Prerequisite: English 2. Summer reading is desired, for which direction should be obtained from the instructor.

8. American Literature (1965-66)

Tu. and Th. at 2.30 p.m. Prerequisite: English 2. This is a survey course in American literature. Summer reading is strongly urged. Students should obtain lists from the instructor, in the spring. *Texts*: To be announced.

9. Drama (1964-65) J. D. Ripley

Tu. and Th. at 4.30 p.m. Prerequisite: English 2. An historical survey of the development of drama, from Aeschylus to Osborne, with a co-ordinated study of major trends in theatre architecture, stagecraft, and acting technique. Interested students are invited to attend the Drama Workshop (optional and non-credit) held weekly in conjunction with the class. *Texts*: To be announced.

10. Canadian Literature (1964-65) M. G. Parks

Tu. and Th. at 2.30 p.m. Prerequisite: English 2. A survey class in English-Canadian literature with a few French-Canadian novels in translation. Some of the poets to be studied are Crawford, Roberts, Carman, Lampman, D. C. Scott, Pratt, F. R. Scott, A. J. M. Smith, Earle Birney, Klein, Page, and Layton; prose writers and novelists are: T. C. Haliburton, Richardson, Kirby, Leacock, Grove, Ringuet, Day, Callaghan, Gabrielle Roy, MacLennan, Earnest Buckler, and Robertson Davies. Summer reading of the required novels is recommended. The instructor will supply a list. *Texts*: Klinck and Watters, *Canadian Anthology*. Others to be announced.

11. Modern Poetry (1964-65) S. E. Sprott

Tu. and Th. at 10.00 a.m. Prerequisite: English 2. *Texts*: To be selected.

12. Literary Criticism (1964-65) R. Hafter

Hours to be arranged. For Honours students; others by special permission only. A study of the history, theory, and practice of literary

criticism. *Texts*: *Bate, Criticism: the Major Texts*. Others to be announced.

13. History of the English Language (1965-66) A. G. Cannon

M. and W. at 4.30 p.m. Prerequisite: English 2.

14. Non-Dramatic Literature of the Sixteenth Century (1964-65)

Tu. and Th. at 3.30 p.m. Prerequisite: English 2. A study of representative works of More, Erasmus, Wyatt, Surrey, Elyot, Ascham, Hooker, Sidney, Marlowe, Shakespeare, Daniel, Drayton, Lyle, Greene, and Nashe, with special emphasis on the poetry of Spenser. *Texts*: More, *Utopia*; Spenser, *The Shepherd's Calendar and other Poems* (Everyman) and *The Faerie Queene*, Vol. I (Everyman); Hebel, Hudson, *et al.*, *Tudor Poetry and Prose*. Others may be announced later.

15. Restoration and Eighteenth Century Literature (1964-65) A. R. Bevan

Tu. and Th. at 11.00 a.m. Prerequisite: English 2. Students intending to enrol in this class are advised to consult the instructor for summer reading. *Texts*: To be announced.

16. The English Novel to 1900 (1965-66) D. P. Varma

M. and W. at 10.00 a.m. Prerequisite: English 2. A detailed study of some of the major English Novels. Summer reading is advisable.

17. Advanced Seminar

Members of the department are prepared to offer, to properly qualified students, the opportunity to make a special study of the works of a single author of whom a sufficient introductory knowledge has already been obtained. Admission will be strictly limited. Prospective students should consult the instructor and arrange for summer reading.

18. Old Norse

Hours to be arranged. *Texts*: Gordon, *Introduction to Old Norse*.

19. Scottish Literature from 1375 to the Present

Prerequisite: English 2. *Texts*: Gray, *Scottish Poetry from Barbour to James VI*.

21. Twentieth-Century Fiction (1964-65) A. R. Bevan

M. and W. at 10.00 a.m. Prerequisite: English 2. A study of selected works of Conrad, James, Joyce, Lawrence, Woolfe, Forster, Huxley, Cary, Evelyn Waugh, Faulkner, Hemingway.

22. Nineteenth Century Thought (1964-65)   S. Mendel

Tu. and Th. at 1.30 p.m. Prerequisite: English 2. A study of some prose writers of the period, with emphasis on the history of ideas. *Texts*: To be announced.

23. Non-Dramatic Literature, 1600-1660 (1964-65)
M. G. Parks

M. and W. at 2.30 p.m. Prerequisite: English 2. A study of representative works of Bacon, Donne, Jonson, Herbert, Crashaw, Vaughan, Marvell, Cowley, Burton, Browne, and Taylor, with special emphasis on the poetry of Milton. *Texts*: Huges (ed.), *John Milton's Complete Poems and Major Prose*; anthology to be announced.

26. The English Bible (1964-65)   J. B. Corston

W. and F. at 3.30 p.m. Prerequisite: English 2 (which, with the consent of the Head of the Department and of the Lecturer, may be taken at the same time). This course attempts to acquaint the student with the whole field of Biblical literature as contained in the Old and New Testaments. The Old Testament is approached as the record of the life of the Hebrew race as that life expressed itself in History, Law, Prophecy, Poetry, Devotion, Wisdom, and Apocalypticism. The New Testament is studied as the literature of the new life movement which began in Christianity and issued in the preservation of Gospel records, historical data, and such literary work as bore witness to the life, worship, and teaching of the early Christian community. *Reference texts*: J. A. Brewer, *The Literature of the Old Testament*; E. F. Scott, *The Literature of the New Testament*; T. W. Manson, *A. Companion to the Bible*; M. E. Chase, *The Bible and the Common Reader*.

30. Masterpieces of Western Literature (1964-65)
H. S. Whittier

M., W., F. at 1.30. Prerequisite: English 2. A course of intensive reading in translations of selected major works from Western literature designed to lead to an understanding of the continuity of that literature. *Texts*: *The Bible: Selections from the Old and New Testaments* (Rinehart); Homer, *The Odyssey* (Penguin); Plato, *The Last Days of Socrates* (*Penguin*); Dante, *The Inferno* (*Mentor*); Cervantes, *Don Quixote* (Viking Portable); Moliere, *Eight Plays by Moliere* (Modern Library); Voltaire, *Candide* (Crofts Classics); *Goethe's "Faust"* (Oxford); Dostoyevsky, *Notes From Underground* (Dell). Some changes may be made in this list of texts. Interested students should consult the instructor during registration.
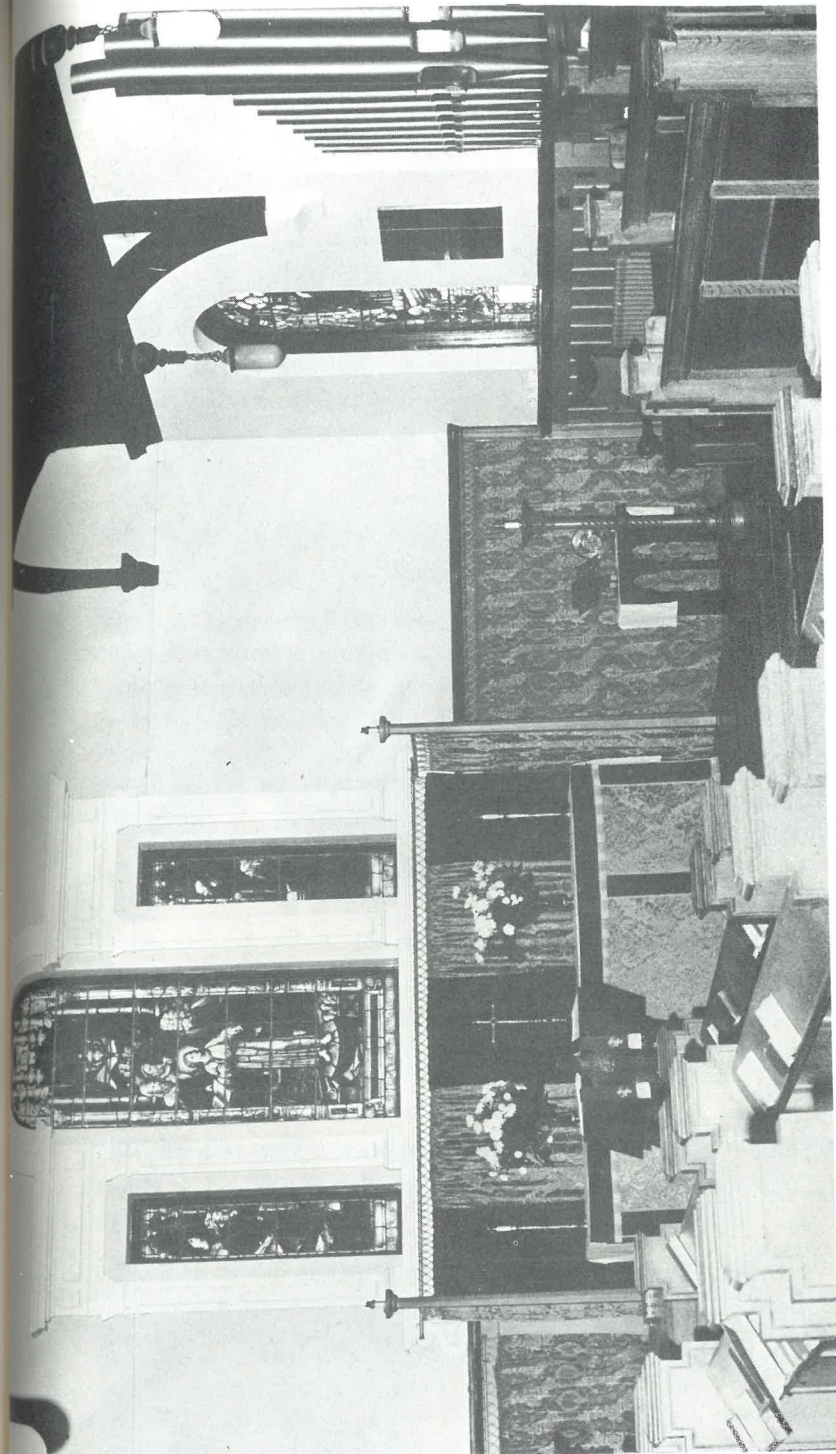
KING'S CHAPEL

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

120. Restoration and Early Eighteenth Century (1965-66)
A. R. Bevan

Hours to be arranged. Prerequisite: English 15. A seminar in which emphasis is on the works of Dryden, Swift, and Pope.

123. Spenser and Milton   M. G. Parks

Tu. and Th. at 3.30 p.m. Prerequisite: English 14. Graduate seminar. Spenser: selected shorter poems and special study of *The Faerie Queene*. Milton: poetry and selected prose, with emphasis on *Paradise Lost*. Students intending to take this class should read *The Faerie Queene* during the summer . *Texts*: Spenser, *The Shepherd's Calendar and Other Poems* (Everyman edition) an *The Faerie Queene* (Everyman, 2 vols.); Hughes: *Milton: Complete Poems and Major Prose*.

124. Literature and Society, 1870-1920 (1964-65)   J. Fraser

Hours to be arranged. Prerequisite: English 5, or 11, or 21. Graduate seminar. A study of authors, movements, and trends during the transition from Victorianism to Modernism. Among the authors and subjects to be studied are Swinburne, James, Pater, Kipling, the Nineties, Shaw, Wells, Conrad, Lawrence, and the literature of World War One. Students should obtain summer reading lists from the instructor. *Texts*: To be announced.

125. Shakespeare and Elizabethan Drama (1965-66)

S. E. Sprott

Hours to be arranged. Prerequisite: English 7 or the equivalent. Graduate seminar.

127. Blake (1964-65)   H. S. Whittier

Hours to be arranged. Prerequisite: English 4 or its equivalent. Graduate seminar.

128. Mediaeval Literature (1964-65)   R. M. Dawson

Hours to be arranged. Prerequisite: English 3 or its equivalent. Graduate seminar.

129. The Novel of the Eighteenth Century (1964-65)
D. P. Varma

Hours to be arranged. Prerequisite: English 15 or 16. Graduate seminar.

FINE ARTS

Lecturer - · · · · · · Donald C. Mackay

History of Art Survey D. C. MacKay

W. and F. at 4.30 p.m. This class, consisting of about fifty illustrated lectures, will give an outline of the development of sculpture, painting, architecture, and the minor arts, with an analysis of their structure and function. The introductory lectures will be related to archaeology and the study of ancient art. The latter part of the term will be devoted chiefly to the evolution of creative art from the Renaissance to modern times. A valuable collection of books on art, photographs, reproductions, and engravings presented by the Carnegie Foundation is available for the use of members of this class. *Texts*: H. W. Janson, *History of Art* (Prentice-Hall).

GEOLOGY AND MINERALOGY

Professors - H. B. S. Cooke, C. G. I. Friedlaender (Head of Dept.)
Associate Professor - · · · · - G. C. Milligan
Assistant Professor - · \ · M. J. Keen (Oceanography)
Lecturers - · · · P. E. Schenk, D. J. P. Swift
Special Lecturers - A. E. Cameron, J. E. Blanchard, D. H. Loring

Students majoring in Geology are advised that they should take as a minimum the following courses: Geology 1, 2, 3, 16, and 17, or 1, 2, 3, 4, and 7.

1. General Geology P. E. Schenk, D. J. P. Swift

Lect.: (1a) M., W., and F. at 10.00 a.m., and (1b) M., W., and F. at 12.00. Lab.: M.,Tu., Th., or F., 2.30-5.30 p.m. Students in Engineering should register for the 10.00 a.m. section, except by special permission. Introductory survey of main fields of geology and their relations to one another. Intended for those who are not pursuing geology as a career, as well as for those who are preparing for specialized classes. Emphasizes the geological events and processes evident in the world about us. There is no prescribed text. Readings are assigned from suitable references in the departmental library.

2. Mineralogy C. G. I. Friedlaender

Lect.: Tu. and Th. at 10.00 a.m. Lab.: two periods per week to be arranged. Introduction to geometrical and physical crystallography. Lab.: study of crystal models; use of the Polarising microscope; evaluation of Debye-Scherrer diagrams.

3. Petrology C. G. I. Friedlaender

Lect.: Tu. and Th. at 9.00 a.m. Lab.: one afternoon period. Students taking Geology 3 (Petrology) should take Geology 2 (Mineralogy) concurrently. Descriptive petrography of common rock types; introduction to microscopic petrography; attempt at interpretative petrology. Lab.: practice in megascopic determination of rocks; study with the microscope of rock-forming minerals and rocks.

4. Ore-deposits (1965-66) G. C. Milligan

Lect.: Th., 2.30-5.30 p.m. Case histories of selected mines and districts illustrating the types in a classification of ore-deposits and the factors controlling ore deposition.

6. Advanced Ore-deposits (1964-65) G. C. Milligan

Hours to be arranged. Prerequisite: Geology 1, 2, 3, 4. (Chemistry 5 is not a prerequisite but is strongly recommended as preparation.) Controlling factors in deposition of hydrothermal ores, as illustrated by selected districts and mines. Includes exercises in structural problems in mining, and in sampling and valuation. Laboratory work in ore microscopy.

7. Structural Geology (1965-66) G. C. Milligan

Prerequisite: Geology 1, 2, 3, 4, and 5. A seminar which includes discussion of major structural problems such as orogeny, isostasy, geosynclinal development, granitization, etc.

8. Selected Topics in Canadian Geology (1964-65)
G. C. Milligan

Hours to be arranged.

9. Geochemistry (1964-65) C. G. I. Friedlaender, D. H. Loring

Hours to be arranged. Abundance and distribution of elements in the lithosphere, and special discussion of the preponderant elements and their nuclides.

10. Volcanoes and Volcanic Products (1964-65)
C. G. I. Friedlaender

Hours to be arranged.

11. Examination of Mineral Properties A. E. Cameron

Two hours per week and Lab. Hours to be arranged. Lecture and Laboratory course on the evaluation of mineral deposits, and on the use of the physical and chemical properties of minerals in the recovery of metal from ore.

12. Earth Physics
J. E. Blanchard, M. J. Keen

Lect.: 3 hours per week; Lab.: 3 hours per week. Hours to be arranged. Prerequisites: Geology 1, Physics 10, Mathematics 2. Practical exercises may be assigned. The origin, age, and constitution of the Earth, the physical properties of rocks and minerals, and the application of geophysics to geological problems.

13. Sedimentology
D. J. P. Swift

Lect.: 2 hours per week. Lab.: 3 hours per week to be arranged. Sedimentary processes and sedimentary rocks, with especial reference to marine conditions and the ocean bottom.

14. Crystal Chemistry (1965-66)
C. G. I. Friedlaender, D. H. Loring

Hours to be arranged.

15. Advanced Petrology (1965-66)
C. G. I. Friedlaender

Hours to be arranged. Universal Stage Methods; study of Petrofabrics; Modal Analysis.

16. Palaeontology
H. B. S. Cooke

Lect.: 2 hours per week; Lab.: 3 hours per week to be arranged. A study of the biologic and stratigraphic relationship of fossil forms with emphasis on morphologic structure, on paleocology, and on evolutionary trends. *Texts*: Moore, Lalicker, and Fisher, *Invertebrate Fossils*.

17. Stratigraphy
P. E. Schenk

Lect.: 2 hours per week; Lab.: 3 hours per week to be arranged. Interpretation of depositional environment from the study of the lithology, distribution, cernelation, paleoecology and lateral and vertical relationships of stratified rock.

18. Introduction to Marine Geology
M. J. Keen, D. J. P. Swift

First term: basic elements of Geology. Lect.: 2 hours per week and Lab. Second term: elements of Marine Geology. Lect.: 2 hours per week. Practical exercises by arrangement.

19. Pleistocene Geology (1964-65)
H. B. S. Cooke

Hours to be arranged.

20. Introduction to Vertebrate Palaeontology (1965-66)
Prerequisite: Palaeontology or Biology 1.

Geology Seminar
Presentation of papers by guest speakers, members of the staff and senior students.

Spring Course in Field Geology
In co-operation with Acadia, Mount Allison, St. Francis Xavier, and St. Mary's Universities, a field course of approximately two weeks' duration is conducted at Crystal Cliffs, N. S. This course is held immediately following the conclusion of Spring examinations. Open to students majoring in Geology. A fee of $40 for full board is payable upon arrival at Crystal Cliffs. For registration, contract the Head of the Department before March.

GERMAN

Assistant Professor - - - - - - A. Roulston
Lecturer - - - - - - - G. Josenhans

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

11. Complete First Course in German
(1) M., and F. at 11.00 a.m., (2) Tu. at 11.00 a.m. and Th. at 1.30. This course is intended for those begining the study of German. Its objectives are to help students to acquire thorough knowledge of basic grammar and vocabulary leading to skill in reading, understanding, writing, and speaking. This course may be counted as a credit towards a degree if a second class in German has been satisfactorily completed.

12. A General Review of Basic German
Tu., Th. at 9.00 a.m. Th. at 12.00. Prerequisite: Matriculation German, German 11, or the equivalent. This course is designed to meet the needs of students who, in the opinion of the Department, are insufficiently prepared to take German 13. The Department may also admit to this course certain students who are beginning the study of German.

13. Introduction to Literary and Conversational German
M., W., and F. at 10.00 a.m. Prerequisite: Senior Matriculation German, or German 11 or 12. (Students coming from German 11 must have a

final mark of 80 or over to be admitted to this course). The objectives of this course are to develop the facility of reading, understanding, writing, and speaking the German language. Special attention is given to the advanced reading of prose and poetry and to practical conversation exercises. The final examination of the academic year includes an oral test requiring preparation in the Language Laboratory.

14. Scientific German

M., W., and F. at 9.00. Prerequisite: German 11 or 12, or equivalent reading knowledge. This course will enable Science, Pre-medical, Pre-dental, and Engineering students to use German scientific texts. It will not be counted as a credit towards an Arts degree in Section (i).

22. Study of German Prose

M. and W. at 12.00. Prerequisite: German 13 or the equivalent. This course aims at introducing students to the most important German prose writers of the 19th and 20th centuries.

31. Johann Wolfgang von Goethe

Tues. at 7.00 p.m. Prerequisite: German 22. The Department may also admit certain students of German 13 with a final mark of 80 and over. A study of the works, life, and times of Goethe.

32. The Theatre in Germany

Tues. and Thur. at 10.00. Prerequisite: German 22. The Department may also admit certain students of German 13 with a final mark of 80 and over. This course is intended to acquaint the student with the outstanding stage plays of German theatre history.

33. The Age of Enlightenment

Prerequisite: German 22. The Department may also admit certain students of German 13 with a final mark of 80 and over.

35. German Philosophy

Prerequisite: German 13 or 14.

36. Modern German Poetry (1964-65)

Tues. and Thur. at 11.00. Prerequisite: German 22.

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

HEBREW

Special Lecturers - - - J. B. Hardie, J. B. Hibbitts

1. Introductory Hebrew

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

HISTORY

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

Students wishing to specialize in History should consider taking Honours. Application for Honours should be made by the beginning of the Third Year. Programmes are arranged in consulation with the Department.

1. History of Europe

(1) M., W., and F. at 9.00 a.m., (2) M., W., and F. at 10.00 a.m. A general survey of the politics and social history of Europe from the fall of the Roman Empire to the First World War. Specific outside reading is required. *Texts*: Ferguson and Brun, *European Civilization*.

2. Ancient History   J. P. Atherton, R. Crouse

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

3. History of England to 1714 (1965-66)   H. S. Granter

Prerequisite: History 1. Aims to describe the foundations of society and government in England after the Germanic settlement, and up to the time of the Stuarts.

4. History of Europe since 1815   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 (1965-66)   G. E. Wilson

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

If possible, students ought to read a narrative account of the period before taking the class. For this purpose the following books are recommended: J. M. Thompson, *The French Revolution* and either A. Fournier, *Napoleon I* or J. H. Rose, *The Life of Napoleon I.*

6. History of England since 1714   H. S. Granter

M., W., and F. at 9.00 a.m. Prerequisite: History 1. The theme of the course will be the development of modern industrial England and the adaptation of its earlier institutions to a modern society. Emphasis will be given to the 19th century.

7. The Middle Ages   J. R. Lander

Tu. and Th. at 11.00 a.m. Prerequisite: History 1. Analyzes the establishment of a distinct type of society in Western Europe after the Barbarian Invasions, the social, economic, and institutional developments of the High Middle Ages, and their mutations in the fourteenth and fifteenth centuries.

8. History of Canada   G. A. Rawlyk

Tu. and Th. at 10.00 a.m. Prerequisite: History 1. A general survey of Canadian social, political, and economic development since the fifteenth century. Special emphasis will be placed on the impact of European civilization upon the aborigines, the evolution of French Canadian society, Canadian political development in the nineteenth century, and the rise of the Western protest movements in the 1920's and 30's. Preparatory summer reading might include M. Bishop, *Champlain, The Life of Fortitude;* W. J. Eccles, *Frontenac, The Courtier Governor;* W. Kilbourn, *The Firebrand;* D. Creighton, *John A. Macdonald* (2 vols.); J. Careless, *George Brown of the Globe* (2 vols).

9. Canadian-American Relations (1965-66)   G. A. Rawlyk

Tu. at 2.30 p.m. Prerequisite: History 8. A seminar course primarily for M.A. and Honours students. Other students may be admitted, but only at the discretion of the instructor. Emphasis will be placed on the impact of the American Revolution upon Nova Scotia and Quebec, the influence of the War of 1812 and Jacksonian Democracy upon Canadian development, the reciprocity movement, the United States and Confederation, the United States and the Canadian West, the Reciprocity Crisis of 1910-11, and United States-Canadian relations from 1914 to the present.

10. Canadian History with special reference to Nova Scotia   C. B. Fergusson

Tu. and Thurs. at 3.30 p.m. Prerequisite: History 8. A seminar course for Honours and M.A. students. All others obtain the consent of the instructor. Students will have opportunity for some training in the use of original records.

11. History of the United States to 1840   G. A. Rawlyk

M., W., and F. at 10.00 a.m. Prerequisite: History 1. A political, social and economic history of the United States from the seventeenth century to 1840. Particular emphasis will be placed upon the impact of the "frontier" upon European ideas and institutions, the American Revolution, the Federalist-Republican conflict, and Jacksonian Democracy. Preparatory summer reading should include: D. J. Boorstin, *The Americans: The Colonial Experience;* L. W. Labaree, *Conservatism in Early American History;* P. Miller, *Errand into the Wilderness;* J. C. Miller, *The Federalist Era,* 1789-1801; G. G. Van Deusen, *The Jacksonian Era,* 1828-48; E. Morgan, *The Birth of the Republic.*

12. History of the United States since 1840 (1965-66)   G. A. Rawlyk

13. History of Russia and the Soviet Union   P. B. Waite

M. and W. at 2.30 p.m. Prerequisite: History 1. A survey from the 9th century to the present. Some emphasis will be placed on the period since 1700. It is helpful to have read some Russian literature in translation, such as Turgenev's *Fathers and Sons, On the Eve;* Tolstoy's *War and Peace, Anna Karenina;* Dostoevsky's *Crime and Punishment;* Gorki's *My Childhood.*

14. European History from 1453 to 1648   J. R. Lander

M., W. at 11.00 a.m. A study of European history with particular emphasis on the Renaissance, the Reformation and the Counter-Reformation, the seventeenth-century scientific movement, and the development of the State and its relationship to contemporary society.

15. English Constitutional History   P. Burroughs

Thur., 2.30-4.30 p.m. Prerequisite: History 1. A survey of the evolution of the British constitution from the Anglo-Saxon period to the present, with special reference to the development of the monarchy, parliament, and executive and administrative institutions. *This course particularly recommended for students intending to proceed to the study of law.*

16. New England in the Seventeenth and Eighteenth Centuries
G. A. Rawlyk

M., 2.30-4.30. A seminar course primarily for M.A. and Honours students. Other students may be admitted, but only at the discretion of the instructor. Stress will be placed upon social, intellectual, and political developments in New England in the seventeenth and eighteenth centuries.

17. A Period in Nineteenth-Century English History
H. S. Granter

Fri., 2.30-4.30. A seminar course for Honours and M.A. students. Others may be admitted at the discretion of the instructor.

18. The American Revolution, 1763-1783 (1965-66)
P. Burroughs

Hours to be arranged. Prerequisite: History 1 and the approval of the instructor. A seminar course on the causes of the American Revolution and the framing of the constitution.

19 History of Europe in the 20th Century   G. R. MacLean
M., W., and F. at 11.00 a.m. Prerequisite: History 1. A survey which includes the two world wars, political developments within the major powers, international relations between the wars, the conflict of ideologies and the Cold War in Europe. Substantial outside reading in addition to the text is a requirement.

Text: H. Stuart Hughes, *Contemporary Europe, a History*

20 History of the British Empire and Commonwealth
P. Burroughs

Tues., 3.30-5.30 p.m. Prerequisite: History 1. A survey of the growth of the British Empire with emphasis on the economic and constitutional aspects of British colonial policy and practice, and on the development of the Commonwealth.

21. Problems in Twentieth-Century History   G. R. MacLean
W., 1.30-3.30. Prerequisite: History 19 or an approved course in 20th-century European history. This seminar is intended primarily for students in their junior and senior years and will cover the causes of the two world wars, the peace settlement, the growth of authoritarianism in the twentieh century, and selected problems in the national histories of the major European powers. Extensive outside reading in primary

and secondary sources will be required, and students will prepare papers for presentation and discussion in class.

22. Greek History (1965-66)   J. P. Atherton

Hours to be arranged. Prerequisite: History 2, or with the approval of the instructor. A seminar course in Greek history from 776 B.C. to the Peloponnesian War.

23. Roman History   J. P. Atherton

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

24. Imperialism and Africa   P. Burroughs

M. and W. at 1.30. Prerequisite: History 1, and the approval of the instructor. A seminar course in African history, with special emphasis on European penetration and exploitation in the nineteenth century, and the growth of independence from colonial rule in the twentieth.

25. England in the Fifteenth-Century   J. R. Lander

W., 3.30-5.30. Prerequisite: History 3. A study of English social, economic, and religious life, the development of the monarchy, and representative and administrative institutions. A seminar course for M.A. students.

26. England under the Tudors and Stuarts, 1485-1714
H. S. Granter

Tu. and Thur. at 9.00 a.m. Prerequisite: History 3 or the approval of the instructor. An examination of the Tudor and Stuart revolutions in church, state, and society which established English polity before the Industrial Revolution of the late eighteenth and nineteenth centuries. This course will be conducted partly by the seminar method.

27. History of Canada, 1837-1896   P. B. Waite

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

MATHEMATICS

Professors - - -	J. G. Adshead (Head of Dept.), A. J. Tingley, A. D. MacDonald
Associate Professor - - - - - -	M. Edelstein
Assistant Professors -	J. R. Baines, E. L. Heighton, H. D. Cochrane
Lecturers - - -	E. B. Mercer, Angela Birch-Jones, A. G. Heinicke

1. Mathematical Analysis

A. J. Tingley, E. L. Heighton, A. Birch-Jones,
E. B. Mercer, J. R. Baines

Sections 1, 2: M, W, F. at 9.00 a.m.; 3, 4, 5: M, W, F. at 10.00; 6, 7: M, W, F. at 11.00; 8, 9: M, W, F. at 12.00 noon; 10, 11: M, W, F. at 2.30 p.m.; 12, 13: Tues. and Thur. at 9.00 and Thur. att 12.00; 14: Tues. and Thur. at 10.00 and Tues. at 1.30; 15: Tues. and Thur. at 11.00 and Thur. at 1.30. Prerequisite: Matriculation Alegbra and Geometry. Algebra, including coordinates, graphs, logarithms, to any base, the binomial theorem, introduction to limits and slopes of curves, simple infinite series. Plane trigonometry, including the addition theorems and theoretical solution of triangles. Introduction to plane analytic geometry. *Text*: Allendoerfer and Oakley, *Fundamentals of Freshman Mathematics.*

2. Calculus

J. G. Adshead, A. D. MacDonald, H. D. Cochrane,
E. B. Mercer, A. G. Heinicke

Sections 1, 7: Tues. and Thur. at 9.00 a.m. and Thur. at 12.00 noon; 2, 3: M, W, F. at 10.00; 4, 5, 6: M, W, F. at 11.00; 8: Tues. and Thur. at 11.00 and Thur. at 1.30. Prerequisite; Mathematics 1 or Grade XII Algebra and Trigonometry with marks of at least 70% in each. Students entering from Grade XII will be required to attend extra classes, probably on M., W., and F. at 1.30 p.m., for about six weeks in order to do the necessary work on analytic geometry and determinants. Times of these classes will be posted on notice boards at the beginning of term.

Third-Year Classes

Mathematics 2 is prerequisite for any of the following classes.

300. Advanced Calculus

Section 1: M, W, F. at 12.00 noon; 2: Tues. and Thur. at 9.00 a.m. and Thur. at 12.00 noon. (Students who have not a mark of at least 60% in Mathematics 2 or its equivalent must obtain permission from the Head of the Department to take this class.) The real and complex

number system. Infinite series. Partial derivatives and applications. Further work on integration (line, multiple, surface and contour integrals). Analytic function theory. Differential equations.

303. Algebra

M, W, F. at 9.00 a.m. Integral domains, factorization of integers, the field of rational numbers. Vector spaces, linear transformations and matrices, inversion of matrices. Polynomial domains, factorization of polynominals, solution of polynomial equations.

305. Projective Geometry (1964-65)

M, W, F. at 11.00 a.m.

306 Probability and Mathematical Statistics (1964-65)

M., W., and F. at 12.00 noon. Elementary probability theory will be introduced and numerous applications considered. Topics in mathematical statistics will include measures of central tendency and dispersion, significance tests, confidence intervals, analysis of variance, correlation, etc.

308E.

Section 1: Tues. and Thur. at 11.00 and Thur. at 1.30; 2: Tues. and Thur. at 10.00 and Tues. at 1.30. This course will contain a revision and amplification of previous work but it will also include some work that is given in Mathematics 300 and Mathematics 320 such partial derivatives, multiple integrals, Taylor's theorem, approximate integration, etc. It is arranged for candidates for the Diploma in Engineering, and may not be offered for a degree in Arts or Science.

350. Third-year course for honours students
M. at 1.30.

Senior Classes

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

401. Theory of Functions of a Real Variable

W. and F. at 2.30. Elements of sets of points, limit theorems, uniform convergence, special functions, Fourier series, Lebesque integration. *Text*: Olmsted, *Real Variables.*

402. Theory of Functions of a Complex Variable

W. and F. at 9.00. Conjugate functions, Laplace's equation in two dimensions, conformal representation, Cauchy's theorem on contour integration, theory of residue, singularities, expansions of functions, various applications. *Texts*: Titchmarsh, *Theory of Functions*; Valiron, *Theories des Fonctions*; Knopp, *Funktionentheorie*; MacRobert, *Functions of a Complex Variable*; works by Churchill, Ritt, Caratheodory, Whittaker and Watson, Pierpont, Bieberbach.

403. Modern Algebra

Tues. and Thur. at 11.00. Finite groups homomorphisms, composition series, Abelian groups, algebraic fields, extension fields, root fields of polynomials, the Galois group, Galois theory of equations.

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

406. Probability

Time to be announced. Topics covered will include aniomatic probability. Markov chains, probability distributions. Various distribution functions will be derived.

410. Topology

M. and W. at 3.30. Topological spaces, compact, metric spaces. Dimension theory. Homotopy and extension problems. Homology and cohomology of complexes and topological spaces. Applications.

412. Differential Equations

W. and F. at 1.30. This course will take up the work of differential equations as begun in Mathematics 300 and will mainly discuss ordinary differential equations, and, in particular, linear equations. Laplace's equation will be discussed and solutions found of the equations of Bessel and Legendre.

450. Fourth year class for Honours Students

Tues. and Thur. at 9.00.

Applied Mathematics

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

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

320. Applied Mathematics.

Tues. and Thur. at 10.00. Prerequisite: Mathematics 300 or its equivalent, which may be taken at the same time. Vectors, tensors, matrices and determinants. Contour integration and calculus of residues. Operational calculus and transform theory. Introduction to orthogonal function theory, including Fourier series.

328. Vector Alegbra, including Differential Operators.

Tues. and Thur. at 11.00 and Thur. at 1.30. Differential equations, infinite series, multiple integrals and line integrals. Introduction to complex variables, numerical approximations. This course is designed for engineering students taking a degree and may be taken by students obtaining a mark of 60% in Mathematics 2, or with consent of the instructor. *Texts*: Sokolnikoff and Redheffer, *Mathematics of Physics and Modern Engineering*.

420. Numerical Analysis.

W. and F. at 10.00. Among the topics to be discussed will be interpolation, finite differences, numerical solution of differential equations, error detection and correction, asymptotic expansions, and programming, logic, and operations of digital computers. Students will do computing with desk calculators, and some time will be available for operation of the digital computer. *Texts*: Hildebrand, *Introduction to Numerical Analysis*.

421. Eigenvalue and Boundry Value Problems.

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

422. Principles and Techniques of Applied Mathematics.

Linear Vector Spaces, spectral theory of operators, Green's theory and partial differential equations. (This course will be given only if a sufficient number of qualified students apply.)

423. Partial Differential Equations.

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

424 Hydrodynamics, Incompressible Fluid Flow and Viscous Fluid, including Aerodynamics.

(This course will be given only if enough qualified students apply).

MUSIC

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

1. History and Appreciation of Music.

M., W., and F. at 10.30 a.m. Intended primarily for students who have not studied music. The course provides an outline of the whole history of music and a more detailed study of the principal composers and their works from Palentrina to Brahms. *Texts*: Grout, *A History of Western Music.*

2. Music in the Twentieth Century.

M. and W. at 11.30 a.m. Prerequisite: Music 1. Traces the development of music from the late 19th century to the present, with a study of the leading composers of the 20th century. *Texts*: Machlis, *Introduction to Contemporary Music.*

PHILOSOPHY

Professor - - - - - F. H. Page (Head of Dept.)
Associate Professors - R. H. Vingoe, I. A. MacLennan, D. Braybrooke

1. An Introduction to Philosophy   I. A. MacLennan

(1) Tues. and Thur. at 10.00 and Tues. at 1.30; (2) M, W, F. at 4.30. Students are urged to take this class as early as possible in their course, preferably in the first year. *Texts*: Plato, *Republic* (ed. Cornford): *The Problems of Philosophy.*

2. Logic.   D. Braybrooke

M, W, F. at 1.30   The chief methods of reasoning used to establish conclusions and develop explanations in science, scholarship, law, and everyday life will be studied, partly from an informal point of view, but mainly with a view to detecting the formal properties of these

methods. There will be a considerable amount of practice in elementary symbolic logic and logical analysis. *Texts*: Brennan, *A Handbook of Logic* (2nd ed.) ; Blanché *Axiomatics*; Wallis and Roberts, *Nature of Statistics.*

Intermediate Classes

20. Philosophy of Religion I. (1964-65).   F. H. Page

Tues. and Thur. at 9.00 a.m. Prerequisite: Philosophy 1. An introduction to the philosophy of religion. *Texts*: Paton, *The Modern Predicament*; Hutchison, *Faith, Reason and Existence*; Alston, *Religion Belief and Philosophical Thought*; Flew and MacIntyre (eds.), *New Essays in Philosophical Theology*; Macquarrie, *Twentieth Century Religious Thought*; Collins, *God in Modern Philosophy.*

21. The History of Christian Theological Thought. (1965-66).

22. Philosophy of Religion II. (1965-66).   F. H. Page

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

3. Ethics. (1964-65).   I. A. MacLennan

Thurs., 3.30-5.30. Prerequisite: Philosophy 1. *Texts*: *Aristole, Nichomachean Ethics*; Kant, *Moral Law*; Mill, *Utilitarianism*; Moore, *Principia Ethica*; Hare, *The Language of Ethics*; Ross, *The Right and the Good.*

4. Philosophy and Science (1964-65).   R. H. Vingoe

M. and W. at 1.30. Prerequisite: Philosophy 1 or first-year Science complete. Others may be admitted with the consent of the instructor. Primarily an examination of the nature of scientific method and secondarily of the influence of various interpretations of scientific methods upon the philosophy of religion. *Texts*: Madden, *The Structure of Scientific Thought*; Burtt, *Types of Religious Philosophy.*

5. Greek Philosophy. (1964-65).   R. H. Vingoe

F., 1.30 -3.30. Prerequisite: Philosophy 1. A seminar class in which students will read and discuss a selection of texts from early Greek philosophers, from Plato and Aristotle, and from the Hellenistic philosophers. *Texts*: Kirk and Raven, *The Presocratic Philosophers*; Kaufmann, *Philosophic Classics, Vol. II.*

7. British Empiricism (1964-65)
R. H. Vingoe

Tues. and Thur. at 2.30. Prerequisite: Philosophy 1. A seminar class in which students will read and discuss a selection of texts from the English philosophers Francis Bacon, Hobbes, Locke, Berkeley, Hume, and J. S. Mill. *Texts*: Burtt, *The English Philosophers*.

8. Continental Rationalism. (1965-66).
R. H. Vingoe

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

9. Philosophy from Kant to Dewey. (1965-66)

10. Contemporary Philosophy. (1965-66).
I. A. MacLennan

M., 7.00-9.00 p.m. Prerequisite: Philosophy 1. A survey of contemporary European and British philosophy. *Text*: Reinhardt, *The Existential Revolt*; Jaspers, *Reason and Existenz*; Sartre, *The Transcendence of the Ego*; Marcel, *The Philosophy of Existentialism*; Ryle, *The Concept of Mind*; Hampshire, *Thought and Action*; Buber, *Eclipse of God*.

Advanced Classes

11. The Philosophy of Plato. (1964-65).
R. H. Vingoe

Hours to be arranged.

12. The Philosophy of Aristotle. (1965-66).
R. H. Vingoe

Texts: W. D. Ross, *Aristotle*; R. McKeon, *The Basic Works of Aristotle*.

13. The Philosophy of Kant. (1964-65).
I. A. MacLennan

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

14. Modern Symbolic Logic. (1965-66).
I. A. MacLennan

15. Problems of the Self. (1964-65).
F. H. Page

M, W, F. at 9.00 a.m. An investigation, historical and systematic, of the theories of mind and of the person. *Text*: Board, *The Mind and its Place in Nature*; Ellis, *The Idea of the Soul in Western Philosophy and Science*; Russell, *The Analysis of Mind*; Laslett (ed.). *The Physical Basis of Mind*; Mounier, *Personalism*; Campbell, *Selfhood and Godhood*, Part I; Ryle, *The Concept of Mind*; Strawson, *Individuals*; Wisdom, *Problems of Mind and Matter*; Chappell (ed.), *The Philosophy of Mind*; Scher (ed.), *Theories of the Mind*.

16. Select Topics from the History of Modern Philosophy (1965-66)
D. Braybrooke

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

17. Seminar in Philosophy, Politics, and Economics. (1964-65).
D. Braybrooke

Tues., 2.30-4.30. After characterizing the aims of economics and political science with the help of an important philosophical distinction between behaviour questions and action questions, the seminar will concentrate its attention upon the theory of rational action. Both maximizing and less-than-maximizing varieties of the theory will be considered and the theory will be tried out in various ways as an instrument for understanding both planned and unplanned systems of joint action, in economic and political affairs and elsewhere. Readings in such authors as Aristotle, Butler, Hicks, Boulding, Marx, Weber, Herring, Downs, Arrow, Schelling, Popper, Dahl, and Linblom, and Simon.

Attention is drawn to the classes offered to qualified students by the Department of Classics in ancient and medieval philosophy and by the Department of German in German philosophy. These may be counted as philosophy classes to meet the grouping-requirements for the degree of B.A. (see Ordinary Course for Bachelor of Arts, sections VI and VII), except that Philosophy 5 and Classics 6 may not both be counted towards a degree.

PHYSICS

Professors - -	W. J. Archibald, E. W. Guptill (Head of Dept.), I. K. MacKenzie
Associate Professors - - -	J. E. Blanchard, C. K. Hoyt
Assistant Professors -	J. G. Adler, R. J. Balcome, M. G. Calkin, M. H. Jericho, G. F. O. Langstroth, R. H. March
Assistant Professors (Oceanography) -	- M. J. Keen, C. R. Mann
Research Associates - - - - -	D. J. Lawrence
Post-Doctoral Fellow - - -	S. K. Mukherjee-Mukhopadhyay
MacGregor Teaching Fellow - - - - -	K. Moriarty

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

10. General Physics.   W. J. Archibald

Lect.: M., W., and F. at 11.00 a.m. Lab.: three hours per week, M., W., or F., 2.30-5.30 p.m. This is a general course in Physics designed primarily for students in Arts, Pre-medicine, Pre-dentistry, and Pharmacy *Texts*: Saunders and Kirkpatrick, *College Physics*.

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

Lect.; (1) M., W., and F. at 9.00 a.m. (2) Tu. and Th. at 11.00 and Thurs. at 1.30. Lab.: M., W., Th., or F., 2.30-5.30 p.m. This is a beginning course. Students who intend to take additional courses in Physics should register for Physics 11. *Texts*: Shortley and Williams, *Elements of Physics*.

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

Lect.: M., W., and F. at 10.00 a.m. Lab.: M. or F., 2.30-5.30 p.m. Prerequisite: Physics 11 (or Physics 10 and permission of lecturer) and Mathematics 1. *Texts*: Shortley and Williams, *Elements of Physics*.

26. Electricity and Magnetism.   M. G. Calkin

Lect.: Tu. and Th. at 9.00 and Thur. at 12.00. Lab.: W. or F., 2.30-5.30 p.m. Prerequisite: Physics 11 or Physics 10 and permission of lecturer. The course begins with a treatment of the response of simple linear circuits to stored energy and to sinusoidal inputs. Non-linear elements are then introduced and illustrated by both vacuum tube and solid state devices. Linear behavious of these devices is then carried to the point of treating simple amplifier circuits, including the cathode follower. Magnetic fields and circuits are treated in relation to the behaviour of simple transformers, motors, and generators. *Texts*: Hammond, *Electrical Engineering*.

30. Intermediate Physics Laboratory.   D. J. Lawrence

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

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

M, W, F. at 9.00. Prerequisite: Physics 11 and Mathematics 2. A course designed to consider questions concerning the constitution of the earth. Some topics considered are the earth's gravitational field, the earth's

magnetic field and magnetic properties of rocks, seismology, radioactive age determinations, the thermal history of the earth.

34. Modern Physics.   I. K. MacKenzie

Lect.: M., W., and F. at 12.00 noon. Prerequisite: Physics 22. A survey course primarily for those not intending to take Honours in Physics, or Engineering Physics. Special relativity is developed as a tool for understanding devices and theories of nuclear and atomic physics. Developments in atomic physics and related phenomena are traced from elementary kinetic theory, through early quantum theory, to modern wave mechanics. A number of modern developments, such as transistors, masers, and nuclear power will be treated in terms of modern quantum theory. *Texts*: Weidner and Seels, *Elementary Modern Physics*. Reference book: Rogers, *Physics for the Inquiring Mind*.

36. Electromagnetic Theory.   W. J. Archibald

Lect.: Tu. and Th. at 9.00 and Thur. at 12.00 noon. Prerequisite: Physics 26. Maxwell's equations are derived from the experimental laws of electricity and magnetism. Boundary value problems in static and time dependent fields are solved. Physical optics are developed from electromagnetic theory. *Texts*: Reitz and Milford, *Foundations of Electromagnetic Theory*.

39. Intermediate Mechanics.   R. J. Balcombe

Lect.: M. and W. at 10.00 a.m. Prerequisite: Mathematics 2 and one other Mathematics course. *Texts*: Becker, *Introduction to Theoretical Mechanics*; Lindsay, *Physical Mechanics*; Symon, *Mechanics*; Synge and Griffith, *Principles of Mechanics*.

40. Advanced Physics Laboratory.   J. G. Adler

Six hours per week. Prerequisite: Physics 30.

43. Geophysics.   J. E. Blanchard

Tues. and Thur. at 11.00. Prerequisite: Physics 26. Boundary value problems in potential theory, quasi-static and time dependent electromagnetic fields, static and dynamic elastic energy field, and heat flow.

47. Thermodynamics and Statistical Mechanics.   R. J. Balcombe

Lect.: M. and W. at 11.00 a.m. Prerequisite: Physics 26. A study of the first and second laws of thermodynamics with applications of each; elementary kinetic theory of gases; Maxwell-Boltzman statistics; thermodynamic probability; thermodynamic functions in terms of partition function; general discussion of Bose-Einstein and Fermi-Dirac statistics.

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

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Lect.: M. and W. at 11.00 a.m. Prerequisite: Physics 26. A study of the first and second laws of thermodynamics with applications of each; elementary kinetic theory of gases; Maxwell-Boltzman statistics; thermodynamic probability; thermodynamic functions in terms of partition function; general discussion of Bose-Einstein and Fermi-Dirac statistics.

48. Electronics.
G. F. O. Langstroth

M, W, F. at 9.00. Prerequisite: Physics 26. This course is intended to provide the background necessary for an understanding of the electronic apparatus employed in Physics and Engineering Physics. Topics include the theory and properties of thermionic and semiconductor devices. The methods of circuit analysis are illustrated by application to a variety of circuits of practical importance.

49. Wave Propagation.
J. E. Blanchard

Tues. and Thur. at 9.00. Prerequisite: Physics 26. This is a course designed for students in Engineering Physics. It includes a study of electromagnetic and acoustic waves. Special emphasis is given to the propagation of electronmagnetic energy in wave guides and other boundary value problems in cylindrical co-ordinates.

51. Solid State Physics.
M. H. Jericho

M., W., and F. at 10.00. The course is organized in six parts: lattice statics; lattice dynamics; free electron theory of metals; band theory of solids; semiconductors; and special topics. The last part of the course consists of a lecture or two on each of a sequence of topics such as imperfections, diffusion, superconductivity, etc.

52. Introduction to Mathematical Physics.
C. K. Hoyt

M. and W. at 12.00 noon. Prerequisite: Physics 36. Topics will include advanced classical dynamics of both discrete and continuous systems, relativity, elasticity, and heat flow. Mathematical techniques used will include operator formulism, matrices, tensors, calculus of variations. Dynamics will be formulated so as to stress the similarities to quantum mechanics. *Texts*: Goldstein, *Classical Mechanics*.

53. Exploration Geophysics.
J. E. Blanchard

Mon. and Thur. at 12.00 noon. Three hours laboratory per week. This course is designed for those registered in Engineering Physics who intend to specialize in Geophysics.

54. Quantum Physics.
E. W. Guptill

Tues. and Thur. at 1.30. Methods of non-relativistic quantum mechanics are developed and applied to a variety of problems in atomic, molecular, solid state, and nuclear physics. *Texts*: Leighton, *Principles of Modern Physics*.

55. Nuclear Physics.
I. K. MacKenzie

M., W., and F. at 11.00. The systematics of nuclear ground states are outlined and their relationship to an empirical mass formula demonstrated. Nuclear reactions at low energies are studied, and the method of partial wave analysis developed. The observations for nuclear decay schemes and reactions are related to current nuclear models. *Texts*: Preston, *Physics of the Nucleus*.

56. Advanced Electromagnetic Theory
M. G. Calkin

M., W., and F. at 11.00. Prerequisite: Physics 52. Topics included are electrostatics, magnetostatics, Maxwell's equations, plane electromagnetic waves in free space an in a plasma, radiation from accelerated charges, special relativity. *Texts*: Jackson, *Classical Electrodynamics*.

57. Fluid Mechanics
C. R. Mann

One hour per week: additional lectures after Christmas. Thur. and Fri. at 10.00 An introduction to the basic theory of flow with emphasis on incompressible flow, stream functions, kinematics of flow, dynamics of flow, Navier-Strokes equations, vortex theory, laminar motion, turbulent motion, boundary layers.

58. Quantum Theory
W. J. Archibald

Tues. and Thur. at 11.00. Prerequisite: Physics 52. *Texts*: Merzbacher, *Quantum Mechanics*.

59. Statistical Mechanics
W. J. Archibald

Two hours per week. Prerequisites: Physics 47 and 52.

61. Astrophysics
C. K. Hoyt

M., W., and F. at 9.00. The lectures will explore the relationship of physics to astronomy. Topics will include problems of stellar evolution, mechanisms of energy conversion, the physical environment of outer space, the origin of cosmic rays, and the physical methods available for astrophysical studies.

62. Topics in Low Temperature Physics
J. G. Adler

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

64. Quantum Electronics

G. F. O. Langstroth

W., F. at 12.00 noon. This course is intended to provide the student with an introduction to selected topics in quantum electronics at the graduate level. A typical selection might include molecular physics, nuclear magnetic resonance, electron paramagnetic resonance, masers, lasers, the Mossbauer effect, and the tunnel effect. Recent developments will be emphasized, and reference will be made to original papers in the journals where feasible.

68. Advanced Quantum Theory

M. G. Calkin

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

Seminar and Journal Club

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

POLITICAL SCIENCE

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

Students majoring or taking Honours in Political Science are advised to specialize in their undergraduate course in one of the three principal areas of the subject: political philosophy, the internal structure and functioning of the state, or international politics. Political Science 1 is a basic course for all. In addition, those specializing in political philosophy should take as a minimum all three of courses 4, 5, and 11; those specializing in the internal structure and functioning of the state at least three of courses 2, 3, 7, 12, 14, and 15; and those specializing in international politics all three of courses 8, 9, and 13. To avoid undue specialization students should also take one or more courses outside the field of their specialty.

1. Democratic Government and Politics.

J. M. Beck

M., W., and F. at 1.30 p.m.
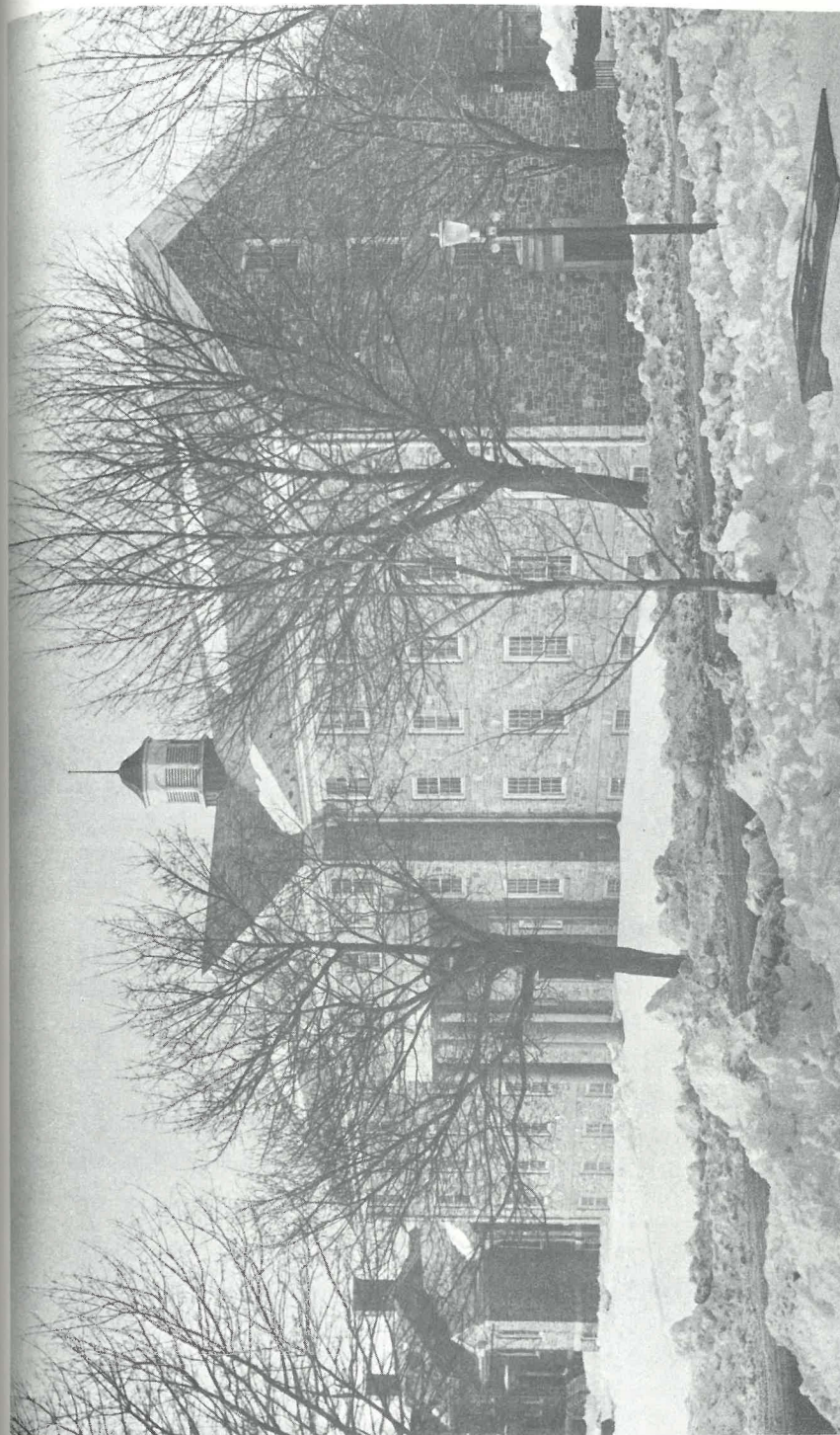
Alexandra Hall in a Winter Setting

2. Great Britain and the Dominions. (1964-65).   K. A. Heard

M. and W. at 3.30 p.m.

3. The Theory and Practice of Government in the United States (1965-66)   D. Braybrooke

4. Political Philosophy from the Greeks to the end of the Middle Ages (1964-65)   J. H. Aitchison

Tu. and Th. at 2.30 p.m.

5. Political Philosophy of the 16th, 17th, and 18th Centuries (1965-66)   J. H. Aitchison

6. The State and Economic Life. (1964-65).   J. H. Aitchison

Tues., 3.30-5.30. This will be a seminar course and will consist of a study of the causes, nature, and effects of state activity in economic life, mainly of the nations of the British Commonwealth and the United States.

7. The Constitution and Government of Canada. (1964-65).

Thurs., 3.30-5.30. A seminar course.   J. M. Beck

8. International Politics I. (1964-65).   J. H. Aitchison

M. and W. at 2.30. Concepts, theories, and approaches.

9. International Politics II. (1964-65).   J. H. Aitchison

M. and W. at 2.30 p.m. (and F., at the discretion of the instructor). Analysis of foreign formation and the content of the current international milieu.

11. Political Philosophy of the 19th and 20th Centuries (1964-65)   J. M. Beck

M. and W. at 12.00 a.m.

12. Public Administration. (1964-65).   K. A. Heard

M. and W., 7.00-9.00 p.m.

13. Eurasian Powers.   K. A. Heard

Tu. and Th. at 1.30 p.m.

14. Political Parties. (1965-66).   J. M. Beck

M., W. (and F., at the discretion of the instructor).

15. Public Opinion, Pressure Groups, and Policy Formation. (1964-65)   D. Braybrooke

M. and W. (and F. at the discretion of the instructor) at 1.30 p.m.

17. Philosophy, Politics, and Economics. (1964-65).

D. Braybrooke

Hours to be arranged For description of this course, see Philosophy 17.

PSYCHOLOGY

Professors - -	P. H. R. James (Head of Dept.), H. D. Beach
Associate Professors - - -	W. D. Coons, W. K. Honig
Assistant Professors - - -	J. W. Clark, S. A. Rudin,
	J. A. McNulty, B. Clark, C. J. Brimer
Part-time Associates - - , -	D. N. W. Doig, E. G. Nichols

The programme in Experimental Psychology is designed to provide both B.A. and B.Sc. students with a sound knowledge of the scientific aspects of the subject. For this purpose, the Department maintains a well equipped undergraduate laboratory, with facilities for experimental work with animals, children, and adults. The more advanced courses in the program will, in general, be conducted as seminars, and the prerequisite for these courses have been assigned in such a way as to ensure that the student will be able to obtain the maximum advantage from the material presented in these seminars. It is realized, however, that such rules cannot fit every case, and the Department will be glad to make exceptions for those students who have shown unusual ability in other disciplines. A number of junior research assistantships will be available, both during the academic term and the summer vacation, to students who are taking an honours degree in Psychology. Details of these assistantships, and of the stipends attached to them, may be obtained from Dr. J. McNulty.

1. Introduction to Psychology

J. W. Clark, P. H. R. James

(1) M., W., and F. at 11.00 a.m., M., W., and F. at 1.30 p.m., M., W., and F. at 9.00 a.m. An introduction to Phychology as a science. *Texts*: *Lewis, Scientific Principles of Psychology.* Supplementary Texts: Holand and Skinner, *The Analysis of Behaviour, Scientific America* reprints.

2. Experimental Analysis of Behaviour

W. K. Honig, J. A. McNulty

Lect.: Tu. and Th. at 11.00 a.m., and Th. at 1.30 p.m. Lab.: Tu. or Th. at 2.30 p.m. Prerequisite: Psychology 1 or Biology 1. A Laboratory class in which students will be taught concepts and principles related to the use of the experimental method in Psychology, and will be given supervised instruction in experiments with both animal and human behaviour. *Texts*: Andreas, *Experimental Psychology.*

3. Advanced General Psychology

P. H. R. James, W. H. Coons

Tu. and Th. at 10.00 and Tu. at 1.30 p.m. Prerequisite: Psychology 1 or Biology 1. Fundamental problems in the study of behaviour. This course provides the student with an understanding of the history and general nature of these problems, and with a more detailed account of the present state of knowledge concerning limited aspects of them. *Texts*: Postman, *Psychology in the Making.*

4. Fundamentals of Learning

C. J. Brimer

Lect.: W. and F. at 12.00 noon. Lab. hours to be arranged. Prerequisites: Psychology 2 and 3. Current experimental and theoretical problems in learning, with special emphasis on classical and instrumental conditioning, generalization and discrimination, extinction and the analysis of primary and secondary reinforcement. Lectures and laboratory.

5. Psychology of Perception

J. A. McNulty

Lect.: M. and W. at 10.00 a.m. Lab.: M. 2.30-4.30 p.m. Prerequisites: Psychology 2 and 3. A study of the variables which determine what is seen and heard. This course stresses the methods which reveal these variables, measure their effects, and show how they interact. Among the variables considered are sensory input, attention, and past experience. Lectures and laboratory. *Texts*: Dembr, *Psychology of Perception*; Geldard, *The Human Senses.*

6. Psychology of Motivation

J. W. Clark

Tu. and Th. at 1.30 p.m. Prerequisite: Psychology 2 and 3. A study of the factors controlling the arousal and direction of behaviour and of the mechanisms of primary and secondary drives. *Texts*: Brown, *The Motivation of Behavior.*

7. Statistical Methods in Psychology

C. J. Brimer

Lect.: W. and F. at 10.00 a.m. Lab.: Hours to be arranged. Prerequisite: At least three courses in Psychology. Primarily for Honours students. The logic of statistical analysis with reference to the design and evaluation of experiments in Psychology. Both descriptive and inferential statistics will be covered with special emphasis on parametic and non-parametic tests of significance.

8. Social Psychology

S. A. Rudin

M. and W. at 11.00 a.m. Prerequisite: at least two courses in Psychology, one of which may be taken concurrently. The study of the way in which

society influences the individual, of the manner in which people interact with one another in groups, and of the relationship between groups. *Texts*: Krech, Crutchfield, and Ballachey, *Individual in Society*; Maccoby, and Hartley (eds.), *Reading in Social Psychology* (3rd edition).

9. Developmental Psychology   B. Clark

Lect.: M. and W. at 1.30 p.m. Lab.: Hours to be arranged. Prerequisite: At least three courses in Psychology, one of which may be taken concurrently. A study of the acquisition, extension, and maintenance of behaviour in the developing human organism. The course will compare various theories of personality development and evaluate research methods employed in studying child behaviour. Lectures and laboratories. *Texts*: Thompson, *Child Psychology* (2nd ed.)

10. Theories of Personality   J. W. Clark

Hours to be arranged. Prerequisite: at least three courses in Psychology, one of which may be taken concurrently. A comparative study of the organization of the behavior of the individual and a discussion of experimental research on the development of personality. *Texts*: Hall, and Lindzey, *Theories of Personality*.

11. Psychometrics   S. A. Rudin

Tu. and Th. at 11.00 a.m. Prerequisite: Psychology 7 or its equivalent, or at least three courses in Psychology, one of which may be taken concurrently. Primarily for Honours and Graduate Students, although others may be admitted with the consent of the instructor. *Texts*: Cronbach, *Essentials of Psychological Testing*.

12. Abnormal Psychology   W. H. Coons

W. and F. at 12.00 noon. Prerequisite: at least two courses in Psychology. Primarily for Honours and Graduate Students, although others may be admitted with the consent of the instructor. The nature and causes of the behaviour disorders. *Texts*: Cameron, *Personality Development and Psychopathology*.

13. Scientific Method and Experimental Design   H. D. Beach

Tu. and Th. at 1.30 p.m. Prerequisite: at least three courses in Psychology. Primarily for Honours and Graduate Students, although others may be admitted with the consent of the instructor. *Texts*: McGuigan, *Experimental Psychology*; Underwood, *Physiological Research*.

14. Verbal Learning and Verbal Behaviour

Hours to be arranged. Prerequisite: Psychology 4 or the Equivalent.

Primarily for Honours and Graduate Students, although others may be admitted with the consent of the instructor.

15. Physiological Psychology

Hours to be arranged. Prerequisite: Psychology 2 and 3. Primarily for Honours and Graduate Students, although others may be admitted with the consent of the instructor. The physiological foundations of behaviour. Topics covered will include the neural and hormonal mechanisms underlying motivation, emotion, conditioning, and reinforcement, as well as brain and receptor functions in perception, learning, intelligence, and language.

16. Advanced Experimental Psychology (Thesis and Tutorial)
The Department

Prerequisite: Restricted to Honours and Qualifying students. The student is assigned to a member of the Department's staff with whom he discusses current experimental problems of common interest, and under whose direction he designs and performs an original experimental investigation.

ROMANCE LANGUAGES

Professor - - - - - P. Chavy (Head of Dept.)
Assistant Professors - H. F. Aikens, Lucienne Beschet, E. Boyd, Suzanne J. Chavy, Irene Coffin, Maria Teresa Gracia-Lopez, G. Kohanyi, C. Simon.
Lecturers - - - - - P. H. Collin, E. Duval

French

A Language Practice Laboratory is at the disposal of students, enabling them to make up their deficiencies in spoken French. Special laboratory work will be required in certain classes.

Basic Classes

No more than two classes may be taken at the basic level. *First-year students* have the following options: French 1, 1A, 10, 11. *Second-year students* have the following options: French 2, 2A, 3, 10, 11 (plus intermediate classes, for those who have taken French 10 or 11 in their first year). *French 1 and 2* are recommended for those studying French for general cultural purposes. *French 3* is recommended for science

students, as a substitute for French 2. *French* 10 *and* 11 are designed for students particularly interested in French studies. They involve more laboratory or home work. By taking one of them, first-year students enter the intermediate level earlier.

1. A General Review of Basic French
E. Boyd

(1) M., W., and F. at 9.00 a.m.; (2) M., and F. at 10.00 a.m.; (3) M., W., and F. at 11.00a.m.; (4) Tu. and Th. at 9.00 and Thur. at 12.00 noon; (5) Tu. and Th. at 10.00 and Tu. at 1.30 p.m.; (6) Tu. and Th. at 11.30 and Th. at 1.30 p.m.; (7) M., W., and F. at 1.30 p.m.; (E) Tu. and Th., 7.00-9.00 p.m. Prerequisite: Junior Matriculation French and entrance test. The objectives of this class are (1) familiarity with the basic forms of the written language (grammar and vocabulary), leading to skill in reading and self-expression (written exercises) ; (2) a knowledge of the fundamentals of French pronunciation (ability to write from dictation and to pronounce with reasonable accuracy material studies in class). Students take oral examinations requiring preparation in the Language Laboratory.

1A.

French 1 with two additional hours: five hours per week. For French 1 classes, see timetable above. Additional classes: 1A, M. and Th. 4.30. This class is designed to meet the needs of the (1) students who are beginning the study of French, and (2) others who, in the opinion of the Department, are insufficiently prepared to take French 1. The special attention given students in French 1A should enable them to reach the level of French 1 by the end of the session. The final examination is that of French 1.

2. Introduction to Literary and Conversational French
Suzanne J. Chavy and others

(1) M., W., and F. at 9.00 a.m.; (2) M., W., and F. at 10.00 a.m.; (3) M., W., and F. at 11.00 a.m.; (4) Tu. and Th. at 9.00 and Th. at 12.00 noon; (5) Tu. and Th. at 10.00 and Tu. at 1.30 p.m.; (6) Tu. and Th. at 11.00 and Th. at 1.30 p.m.; (7) M., W., and F. at 1.30 p.m.; (E) Tu. and Th., 7.00-9.00 p.m. Prerequisite: French 1, or Senior Matriculation French and entrance test. The objectives of this class are similar to those of French 1, but at a higher level. Attention is placed on the literary qualities of the reading selections studied. Practical exercises in conservation. Students take oral examinations requiring preparation in the Language Laboratory.

2A.

French 2 with two additional hours: five hours per week. For French 2 classes, see timetable above. Additional classes: M. and Thur. at 4.30. This class is designed to meet needs of students who, in the opinion of the Department, are insufficiently prepared to take French 2. The special attention given students in French 2A should enable them to reach the level of French 2 by the end of the session. The final examination is that of French 2.

3. Scientific French
G. Kohanyi

(1) M., W., and F. at 9.00 a.m., (2) Tu. and Th. at 10.00 and Tu. at 1.30 p.m. Prerequisite: French 1. This class is designed mainly for science students. It aims at enabling them to (1) understand and translate French scientific publications, (2) write in French simple factual reports (2) read aloud intelligibly scientific papers written in French.

10. Oral French
H. F. Aikens

M., W., and F. at 10.00 a.m. Prerequisite: Matriculation French (Junior or Senior) or French 1. Concentrated study of the basic structures of French; extensive use of the Language Laboratory, with the aim of achieving an active command of both spoken and written forms. Three classes per week, plus four to six hours in the laboratory. (Laboratory hours can be arranged to suit the individual student's time-table.) Students interested are asked to fill in and return the special form supplied by the Registrar.

11. Active Reading
P. Chavy

Tu. and Th. at 10.00 and Tu. at 1.30 p.m. Prerequisite: Matriculation French (Junior or Senior) or French 1. The aims of this course are similar to those of French 10, but the approach is different. The material used consists of a series of books (travel, biography, fiction), graded as to difficulty, to be read at home. Classes are devoted to drills and exercises based on those texts.

Intermediate Classes

These classes are conducted in French. No more than two classes may be taken at the intermediate level. French 30 is more especially intended for former students of French 10. Prerequisite: 2, 3, 10, or 11.

30. Further Oral French
H. F. Aikens

M., W., and F. at 3.30 p.m. Continuation and completion of work begun in French 10. Further study of the structures of French; practice in oral comprehension and reading; systematic increase of vocabulary through study of French civilization; frequent dictations and written tests requiring preparation in the Language Laboratory; guided exercises in self-expression.

31. History of French Civilization
C. Simon

W. and F. at 2.30 p.m. A study of the great periods in the history of France, stressing the relations between historical events and living conditions on the one hand, intellectual and artistic achievements on the other.

32. Today's France

(1) Tu. and Th. at 4.30. Readings and discussions dealing with problems that confront contemporary France.

33. From Book to Stage
P. Chavy

Tu. and Th. at 2.30 p.m. Selected scenes from French plays of all ages are first studied, then staged and performed by students.

34. General Survey of French Literature
E. Duval

Tu. and Th. at 4.30 p.m. This class aims at introducing students to the greatest writers and the most significant masterpieces of French Literature, from the Middle Ages to our time.

35. Practice in Oral and Written French
Lucienne Beschet

W. and F. at 4.30 p.m. Dictations, compositions, conversations. Of special interest to those wishing to obtain, besides a Dalhousie credit, the "Certificate Pratique de Langue Francaise" granted by the Sorbonne.

36. General Survey of French-Canadian Literature
E. Duval

Tu. and Th. at 2.30 p.m. This class aims at introducing students to French-Canadian literature in all its aspects from the period of French rule to the present day.

Senior Classes

These classes are conducted in French. Prerequisite: any intermediate class.

40. Old French
P. Chavy

W. and F. at 2.30 p.m. Historical grammar and mediaeval French literature will be studied through a comprehensive anthology of old texts.

43. French Literature and Thought in the Eighteenth Century (1964-65)
C. Simon

W. and F. at 3.30 p.m. A study of literary and philosophical trends in France in the "Age of Enlightenment".

44. Nineteenth Century French Literature (1965-66)

W. and F. at 3.30 p.m. A study of the great authors in the Romantic and Realistic periods.

45. Contemporary French Literature
P. H. Collin

Tu. and Th. at 2.30 p.m. A study of the most representative French writers of our time (1880-1950).

50. Stylistics
Lucienne Beschet

Tu. and Th. at 3.30 p.m. Especially for Honours and M.A. students. An attempt at analysis, mostly through translation from French to English and from English to French, of the means by which users of these languages convey various shades of meaning and produce particular effects.

51. Phonetics
H. F. Aikens

Tu. and Th. at 1.30 p.m. Especially for Honours and M.A. students. A systematic analysis of the sounds of language, with special reference to French and English. Particular attention may be given to the eradication of faults in pronunciation, methods of teaching pronunciation, or such more specialized problems as accents, diction, spelling reform, etc.

52. Advanced Seminar in Translation
H. F. Aikens

M. and W. at 12.00 noon. Prospective students should consult the instructor as early as possible.

RUSSIAN

Assistant Professor - - - - - Irene Coffin

1A Elementary Russian
Irene Coffin

(1) M., W., and F. at 10.00 a.m.; (2) M., W., and F. at 11.00 a.m. This class is intended for those beginning the study of the Russian language and may count as a credit towards a degree. *Texts*: N. F. Potapova, *Russian Elementary Course, Vol. I*; Lermontov, *Taman.*

1.

Tu. and Th. at 10.00 a.m. and Tu. at 1.30 p.m. Prerequisite: Elementary Russian, *Texts*: N. F. Potapova, *Russian Elementary Course*, Vol. II. Two short stories by Pushkin.

1S. Scientific Russian

Tu. and Th. at 10.00 a.m. and Th. at 1.30 p.m. This class is intended for those who wish to read scientific articles as quickly as possible. It is taught in conjunction with Russian 1. No student may register for both Russian 1 and Russian 1S. *Texts*: N. F. Potapova, *Russian Elementary Course*, Vol. II; Znamensky, *Elementary Scientific Russian Reader* (Sir Isaac Pitman & Sons Canada Ltd.)

2.   Irene Coffin

Tu. and Th. at 11.00 a.m. and Th. at 1.30 p.m. Prerequisites: Elementary Russian and Russian 1 or 1S. *Texts*: To be announced.

3.   Irene Coffin

Tu. and Th. at 10.00 a.m. Reading of literary texts and conversation. Higher work in Russian may be arranged by consulation with the instructor.

SOCIOLOGY: see Economics.

ZOOLOGY: see Biology.

SPANISH

Assistant Professor   -   -   -   Maria Teresa Garcia-Lopez

In every class in Spanish there will be an oral examination at the end of each term. Spanish A, 1, 2, and 3 are offered each year; only *one* of Spanish 4, 5, and 6 is given each year.

A. An Introduction to Spanish   M. T. Garcia-Lopez

Tu. and Th. at 10.00 and Tu. at 1.30 p.m. This is an introductory course designed for students who are beginning the study of Spanish. It can be counted as a credit towards a degree or diploma only if it is followed by a second class in Spanish. *Texts*: *A Compact Spanish Grammar* (The Thrift Press); Agostini-Rios, *Lengua viva y gramatica*.

1. Elementary Spanish   M. T. Garcia-Lopez

M., W., and F. at 9.00 a.m. Prerequisite: Spanish A or a matriculation credit in Spanish. A review of Spanish grammar will be given during the year. Spanish conversation and translation from English to Spanish based upon Hispanic subjects will be stressed. *Texts*: *A Compact*

Grammar (The Thrift Press); Agostini-Rois, *Lengua viva y gramatica*; Rodriguez-Castellano, *Introducttion a la Historia de Espa a* (this must be a new copy).

2. Spanish Literature of the 19th and 20th Centuries

M. T. Garcia-Lopez

M., W., and F. at 10.00 a.m. A review of Spanish grammar and history will be given during the year with special emphasis on the 19th century and the first quarter of the 20th century. Every student will present a paper for reading an author. *Texts*: *A Compact Spanish Grammar* (The Thrift Press); Agostini-Rios, *Lengua viva y gramatica*; Rodriguez-Castellano, *Introduction a la Historia de Espana*; Da Cal, *Literature del siglo XX* (this must be a new copy).

3. Cervantes and His Time   M. T. Garcia-Lopez

M. and W. at 10.30 a.m. Prerequisite: Spanish 2 or Spanish as mother tongue. A review of Spanish grammar and history will be given during the year with special emphasis on the 15th, 16th, and 17th centuries. Every student will present a paper on a chapter of *Don Quijote* at each class. About 20 chapters will be read in the first term; about 30 in the second term. There will be recommended reading. *Texts*: Cervantes, *Don Quijote* (any modern Spanish edition). Also students must have the text books prescribed for Spanish A, 1, and 2. Reference books: Ballesteros, *Sintesis de la Historia de Espana*; Valbuena, *Historia de la Literatura Espanola*.

4. The Golden Age of Spanish Literature   M. T. Garcia-Lopez

F., 11.00 a.m.-1.00 p.m. Prerequisite: Spanish 2 and 3. First term: The Humanists—*The Complutense Poligraph Bible*; The Poets—Cetina, Garcilaso, F. Luis de Leon, Gongora; The picaresque novel—*El Lazarillo*, Quevedo and his *Buscon*. Second term: Spanish Drama—miracle plays, Juan del Encina. Lope de Vega and his theatre, Tirso de Molina, and Don Juan's *Leyend*, Calderon and his *Autbs*. 18th Century—Moratin and his classicism, Don Ramon de la Cruz and his *Sainetes*. 20th Century —Benavente. *Texts*: Pattison, *Representative Spanish Authors*, Vol. I. Reference books: Valbuena, *Historia de la Literature Espanola*.

5. History of Spain and of Hispano-America, 1492-1898

M. T. Garcia-Lopez

F. 11.00 a.m.-1.00 p.m. Prerequisite: Spanish 2 and 3. The discovery, colonization, and independence of the Hispano-American colonies *Texts*:

Ballesteros, *Spanish de la Historia de Espana*. Reference books: to be announced.

6. The Golden Age of Spanish Literature   M. T. Garcia-Lopez

M. T. Garcia-Lopez First term: Spanish mystics and ascetics. Second term: Spanish drama. *Texts*: To be announced.

RELIGIOUS STUDIES

Candidates for the degree of Bachelor of Arts interested in religious studies may satisfy the grouping requirement by selection of the classes listed below. For information and advice they may consult Professor Page, Department of Philosophy.

1. English Bible (English 26)
2. Mediaeval History (History 7)
3. European History, 1453-1648 (History 14)
4. Ethics (Philosophy 3)
5. Philosophy and Science (Philosophy 4)
6. Philosophy to Aristotle (Philosophy 5)
7. Aristotle to Augustine (Classical Literature 6)
8. Mediaeval Philosophy (Classical Literature 7)
9. Philosophy of Religion (Philosophy 20)
10. Psychology of Religion (Philosophy 22)
11. Christianity and Western Civilization (Sociology 4)
12. Comparative Study of Religion (Sociology 7)
13. History of Christian Theological Thought (Philosophy 21)
14. Problems of the Self (Philosophy 15)

School of Divinity

ENTRANCE REQUIREMENTS

The regular Divinity course consists of the prescribed course for the B.A. or B.Sc. (3 years after Senior Matriculation) followed by 3 years in Divinity. Thus the normal entrance requirement is matriculation. It is customary for students to be accepted by a Bishop as candidates for ordination before entering the Divinity School, particularly if they are in need of financial assistance. This condition, however, is by no means obligatory, and **students may take Divinity courses without being committed to ordination.**

Those who already have their degrees will be admitted to the Divinity School direct.

It is most desirable that Divinity Students should reside in the College and take their full share in the privileges and responsibilities of college life. Circumstances in certain cases may move the Divinity Faculty to allow non-residence for part of the course, but students who receive such permission must be prepared to come into residence for at least one full college year.

COURSE FOR BACHELOR OF ARTS

The course of study prescribed for the Degree of Bachelor of Arts consists of the following classes:

a. Three classes in Greek*, or two classes in Greek plus Hebrew 2.

b. Two classes in English.

c. One class in Mathematics.

d. One class in either Physics, Chemistry, Geology or Biology.

e. Any two of a University course in European History, Philosophy 1, Psychology 1.

f. Any one of Economics 1, Political Science 1, Sociology 1.

*In exceptional circumstances, the Dean of Divinity may allow substitution of another foreign language in place of Greek. In that case, Classical Literature becomes compulsory, and the student must also take and pass Greek A or Greek Bible A before entering the Divinity School.

g. Six classes which require a university class as pre-requisite, selected from not more than two departments.

h. One elective in place of Classical Literature in Translation.

i. Three electives, one of which may be Hebrew 1.

j. Religious Knowledge to be taken in the First and Second Years.

DIVINITY COURSES

The standard academic qualification for ordination is the B.A. or B.Sc. followed by the L.Th. The L.Th. will be awarded on the basis of three years' work in the Divinity School (as distinct from the Faculty of Arts and Science). The L.Th. (Hons.) will be awarded to those who, after three years' study, have passed all the required courses in the complete Divinity course (see below) together with no fewer than 3 Distinction courses (of which Hebrew 2 may be one), with an average of 65% each year and required Field Work. In order to obtain distinction a mark of 65% must be obtained. The L.Th. (Pass) will be awarded, at the discretion of the Faculty, to students who, after 3 years in the Divinity School, complete the required courses only, with or without Hebrew.

When a student at the instruction of his Bishop leaves the college after only 2 years in the Divinity School, he will be awarded the college *Testamur* if he has passed not fewer than 19 required Divinity courses (including 2 in Ceremonial, but excluding Hebrew). The *Testamur* will be awarded to students who, after 3 years' residence in Divinity School, fail to qualify for the L.Th., but satisfy the requirements of this paragraph. No academic recognition will be given to any student leaving college with fewer than 19 Divinity credits.

Students who have their matriculation may, **on the recommendation of a Bishop,** be admitted to the Divinity School direct without completing any degree course. In such cases, they must complete a probationary year consisting of Religious Knowledge, English Bible 1 or 2, Greek Bible A, and the following courses in Arts—Sociology 1, English 1, and either History 1 or Philosophy 1. They must then take three years of Divinity, at the end of which they may qualify for the L.Th. or *Testamur* as above. Students who show marked incompetence in Greek Bible A may be required to drop Greek and substitute exegesis in English Bible plus additional work in other Departments. In such cases they will not be eligible for the L.Th., but may receive the *Testamur* with hood if satisfying all L.Th. requirements save Greek.

The provisions of this paragraph are generally intended for older men and only in exceptional circumstances will be allowed to men under twenty-eight years of age.

The Degree of Bachelor of Sacred Letters (B.S.Litt.) may be taken by Divinity students under the following conditions: The course consists of twenty approved classes in Arts and Science, followed by the complete Divinity course, plus three distinction courses passed with a minimum of 65%. The twenty classes must include at least two in Latin, and two in Classical Greek. Two classes in Hebrew must be taken in the Divinity School.

The Degree of Bachelor of Sacred Theology (B.S.T.) may be taken by those who already hold a Bachelor's degree on entering the Divinity School, and who take and pass the complete Divinity Course, including two years of Hebrew plus two other distinction courses with an overall average of at least 65%, which must be maintained every year. Any student falling short of this average in the spring examination in either his first or second year will be required to revert to the L.Th. course.

Students who have received the B.S.Litt., the B.S.T., or other graduate students who have qualified for the Licentiate in Theology, with Hebrew or Septuagint Greek, are in

a position to proceed to the final examinations for the degree of B.D. under the General Synod Board of Examiners.

All Divinity Students, and those looking forward to the study of Divinity, will consult Professor Stone as to the choice and arrangement of their courses; then, if approved by the Dean of Divinity, they will register in the Registrar's office not later than September 19th.

A medical examination by the General Synod physician is required for all students during their first year in Divinity. This will be arranged during the term.

No student may write more than three supplemental examinations, the recorded pass mark mark for which is 50%. A student with more than three failures at the end of a year must repeat the whole year.

COURSES

The complete Divinity Course consists of all below not marked "Distinction". Hebrew is not required for the L.Th. (Pass.) or the *Testamur*.

Religious Knowledge—(One hour a week for two years.) Open to all students of the College. Given every year. The Reverend F. Uhlir

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

Greek Bible A—Three hours a week. (Not required of those who have taken Greek for their B.A.). An introduction to New Testament Greek. The Rev. D. T. Haviland.

Greek Bible 1—Two hours a week. (1965-66)

Synoptic Gospels, and Introduction to Textual Criticism. The Rev. R. E. Reeve.

Text— A. H. McNeile: An Introduction to the Study of the New Testament, revised. C.S.C. Williams (O.U.P.). H. E. W. Turner: Jesus, Master and Lord (Mowbrays). A. Huck: Synopsis of the First Three Gospels, English ed. by F. L. Cross (Blackwells).

Greek Bible 2—One hour a week. St. John (65-66) The Rev. J. B. Hibbitts.

Texts—British and Foreign Bible Society ed. of the Greek Testament 2nd ed., 1958. C. K. Barrett: The Gospel according to St. John (SPCK). C. H. Dodd: The Interpretation of the fourth Gospel (CUP).

Greek Bible 3—One hour a week. .Romans. (64-65) The Rev. J. B. Hibbitts.

Texts—British and Foreign Bible Society ed. of the Greek New Testament 2nd ed., 1958. C. K. Barrett: The Epistle to the Romans (Black). Sandy and Headlam: The Epistle to the Romans (Scribners). A. Schweltzer: The Mysticism of Paul the Apostle (Black).

Greek Bible 4—Epistle to the Hebrews (Distinction). The Rev. J. B. Hibbitts.

BIBLICAL LITERATURE

English Bible 1 and 2—

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

English Bible 1—Old Testament—Two hours a week. (64-65) The Rev. J. B. Hibbitts.

Texts—The Bible—English Revised Version (OUP). R. H. Pfeiffer, Introduction to the Old Testament (Harper).

English Bible 2—New Testament—Two hours a week. (65-66) The Rev. J. B. Hibbitts.

Texts—The Bible—English Revised Version (OUP). A. H. MacNeile: An Introduction to the study of the New Testament, revised ed., by C. S. C. Williams (OUP).

English Bible 3—Two hours a week. (65-66). The Rev. J. B. Hibbitts.

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

Texts—C. A. Simpson: Revelation and Response in the Old Testament (Columbia UP). N. K. Gottwald: A Light to the Nations (Harper). M. Noth: The History of Israel (Black). H. H. Guthrie: God and History in the Old Testament (Seabury). M. Burrows: The Dead Sea Scrolls (Viking Press.) C. F. Whitley: The Exilic Age (Longmans). D. W. Thomas ed., Documents from Old Testament Times (Harper).

English Bible 4—Two hours a week (64-65). The Rev. J. B. Hibbitts.

General introduction to New Testament times; the advent of Jesus Christ, the primitive church and its gospel, St. Paul's life and work, the synoptic gospels, Acts, Hebrews, Revelation, the Fourth Gospel, the

Pastoral Epistles, the formation of the New Testament Canon, Manuscripts and Versions.

Texts—R. H. Pfeiffer: A History of New Testament Times (Harper). C. K. Barrett (ed.): The New Testament Background, Selected Documents (SPCK). D. Nock: St. Paul (OUP). H.E.W. Turner; Jesus, Master and Lord (Mowbrays).

English Bible 5—(Distinction). (65-66). The Rev. J. B. Hibbitts.

Aspects of Biblical Theology.

CHURCH HISTORY

Church History 1—Two hours a week. (64-65). The Rev. C. W. F. Stone.

General Church History to 1500.

Church History 2— Two hours a week. (65-66). The Rev. J. B. Hibbitts.

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

Texts—J. R. H. Moorman: A History of the Church in England (Black). H. Bettenson (ed.): Documents of the Christian Church (OUP). Bede: Ecclesiastical History (Penguin).

Church History 3—Two hours a week. (64-65). The Rev. C. W. F. Stone, Judge Hudson.

The Modern Church. A general survey since the Reformation. Church polity, Canon Law.

Church History 4—(Distinction). The Rev. C. W. F. Stone.

Continental Reformation and Counter-Reformation.

HEBREW

Hebrew 1—Three hours a week. (64-65). The Rev. R. E. Reeve.

Grammar and translation: the first few chapters of Genesis A. B. Davidson: An Introductory Hebrew Grammar (24th or later ed.) (Clark). A. R. S. Kennedy, (ed.): The Book of Ruth, Hebrew Text (SPCK).

Hebrew 2—(Distinction*) Two hours a week. (65-66). The Rev. R. E. Reeve.

Selected prose extracts.

* Distinction for the L.Th. (Hons.) course only.

R. Kittel: Biblia Hebraica (4th ed.) P. Smith: The Books of Samuel (Scribners).

Hebrew 3—(Distinction) One hour a week. (65-66). The Rev. J. B. Hibbitts.

Selections from Psalms and Prophets.

DOGMATIC THEOLOGY

Dogmatics 1—Two hours a week. (64-65). The Rev. R. E. Reeve.

(a) An outline of the Christian Faith.

Texts—J. Burnaby: The Belief of Christendom (S.P.C.K.) J. S. Whale: Christian Doctrine (Fontana Books).

(b) The development of Christian Doctrine to 451 A.D.

Texts—J. Stevenson: A New Eusebius (S.P.C.K.). H. Bettenson: Documents of the Christian Church, 2nd ed. (OUP).

Dogmatics 2—Two hours a week. (64-65) The Rev. R. E. Reeve.

The Doctrine of God; Theology, Christology, Pneumatology, and Trinitarianism. The Doctrines of Man, Sin and Grace. The Atonement.

Texts—E. J. Bicknell: A Theological Introduction to the Thirty-nine Articles, 3rd ed. rev. H. J. Carpenter (Longmans). O. C. Quick: Doctrines of the Creed (Nisbet). The Doctrine Report: Doctrine in the Church of England (S.P.C.K.)

Dogmatics 3—Two hours a week. (65-66). The Rev. R. E. Reeve.

The Doctrines of the Church, the Ministry and the Sacra-Christian Eschatology.

Texts—As for Dogmatics 2 plus the following: E. Brunner: Our Faith (S.C.M. edition). K. Barth: Dogmatics in Outline (S.C.M. edition). P. Tillich: Dynamics of Faith (Allén & Unwin).

Dogmatics 4—(Distinction) (64-65) The Rev. R. E. Reeve.

Courses will be offered as required on specific problems of Theology, Christology, Pneumatology, etc. Instruction will take the form of set reading, the preparation and writing of essays and seminars.

(Notice of desire to take the course should be given before the end of the preceding term.)

LITURGICS

Liturgics 1—One hour a week. (65-66). The Rev. C. W. F. Stone.
Early Christian worship; Primitive Liturgics; Later Liturgical development; the Breviary; Theology of Worship.

Liturgics 2—Two hours a week. (64-65). The Rev. C. W. F. Stone.

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

Liturgics 3—One hour a week. (65-66). The Rev. C. W. F. Stone. The Prayer Book in the Parish.

Liturgics 4—(Distinction). The Rev. C. W. F. Stone.

PHILOSOPHY OF RELIGION
(Faculty of Arts & Science)

Philosophy of Religion 1—Two hours a week. (Philosophy 20). F. H. Page.

Basic religious concepts.

Philosophy of Religion 2—(Sociology 7). The Rev. F. Uhlir.

Primitive man and religion. Religious foundations of great civilizations of the past. Judaism, Mohammedanism, Christianity. Theories of religion. Christianity in a changing world.

Texts—Noss: "Man's Religions". Cave Sydney: "Christianity and Some Living Religions of the East". Sorokin-Zimmerman-Galpin: "A Systematic Source Book in Rural Sociology". (Vol. 1). Langmead, Casserley: "The Retreat from Christianity." Geo. Galloway: "The Philosophy of Religion".

Philosophy of Religion 3*—(Philosophy 22). F. H. Page.

Text—Clark: The Psychology of Religion.

Philosophy of Religion 4—(Distinction). (Classics 4) J. Doull Mediaeval Philosophy.

PASTORALIA

This course is designed to cover all matters affecting the relationship between priest and people and questions involved in relating the eternal Gospel to contemporary human needs.

The Pastoralia Department attempts to complete essential theological learning with instruction and experience in communicating this learning.

The courses offered are arranged so as to enable every Divinity Student to complete the courses in three years. The courses are distinguished solely by virtue of their specific content, and should not be confused with optional University courses for which credit is given. Every student preparing for the Ministry of the Church is required to take all courses.

Pastoralia 1—(Ceremonial 1) One hour a week. (64-65) Speech-Training: the reading of the services and lessons. E. Roberts

* Either Philosophy of Religion 1 or 3 is required for the L.Th. If both are taken, one may be counted for distinction provided the student has as pre-requisite Philosophy 1 or Psychology 1.

Pastoralia 2—One hour a week during the second term.

Elements of Church Music. (64-65) A. Cannon.

Text—Horace Spence: Praises with Understanding (RSCM).

Pastoralia 3—One hour a week (64-65) The Rev. R. J. R. Stokoe, A. Cannon.

Conduct of the Services of the Church.

All students are required to possess a copy of the BCP (1959) and of the Hymn Book with tunes.

Pastoralia 4—One hour a week. (65-66) The Rev. R. J. R. Stokoe Parish administration; a consideration of the resources available.

Pastoralia 5—One hour a week. (65-66.) The Rev. R. J. R. Stokoe Introduction to Pastoral relationships.

Pastoralia 6—One hour a week. (64-65). The Rev. R. E. Reeve. Composition of Sermons; the Theory and Practice of Preaching.

Pastoralia 7—(66-67.) Religious education and Propaganda. This course will be conducted by a GBRE lecturer.

Pastoralia 8—(66-67.) The Rev. R. J. R. Stokoe The Parish and the Church Universal.

Pastoralia 9—Two hours a week. (65-66.) The Rev. R. E. Reeve (a) Introduction to General and Christian Ethics.

Texts—W. Lillie: Studies in New Testament Ethics (Oliver & Boyd). D. Bonhoeffer: Ethics (1955).

(b) Introduction to Moral Theology.

Texts—K. E. Kirk: Some Principles of Moral Theology (Longmans). P. Tillich: The The New Being (S.C.M.)

Pastoralia 10—Two hours a week. (64-65). The Rev. R. J. R. Stokoe Relevant insights of Depth Psychology.

Pastoralia 11—One afternoon a week. (65-66). The Rev. R. J. R. Stokoe Pastoral Counselling.

"With the approval of the Professor of Pastoralia, any student may attend a summer course of not less than six weeks duration in Clinical Pastoral Education instead of taking the course Pastoralia 11. Attendance at both however will remain a part of the necessary requirements for a distinction in Pastoralia".

Pastoralia 12—The Rev. R. J. R. Stokoe.

Tutorials and seminars for the discussion of field work and problems arising therefrom. All Divinity Students do field work as participants in the Nova Scotia Diocese's Parish Training Scheme.

Additional study for a Distinction in Pastoralia may be taken with the approval and under the direction of the Pastoralia Department. This will include full attendance at a six-week residential summer course in **clinical pastoral training.**

Degree of Bachelor of Divinity

By agreement among all Anglican Theological Colleges in Canada, the Degree of Bachelor of Divinity is now awarded only by examination by the Board of Examiners of General Synod. Particulars concerning regulations for this Degree may be had upon application to the Registrar.

Diploma of Associate of King's College (Nova Scotia)

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

1. Possession of the Diploma will qualify the holder thereof to assume the title of "Associate of King's College (Nova Scotia)", [A.K.C. (N.S.)].

2. It is available to priests holding the L.Th. or S.Th. from King's College, and those priests licensed in the Maritime Diocese holding either diploma or its equivalent.

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

The Maritime School of Social Work

The Maritime School of Social Work is affiliated with the University of King's College. The School provides a two-year graduate program leading to the Master's Degree in Social Work. It was started in 1941 by a group of visionaries led by the late Dr. S. H. Prince, for many years a Professor of Sociology at King's. Seeing the rapid growth of Social Service Agencies throughout the Atlantic Region, this group recognized the need for a Centre where individuals could receive the education necessary for a career in the profession of social work.

The School began in a very modest way with four students and a faculty of volunteers. Today, it owns a large property in Halifax on Coburg Road at Oxford Street where a well-qualified faculty provides modern professional education to over forty students.

In early days the School had no permanent home and classes were held wherever suitable space could be found. In 1952 a home was made for the School at the University of King's College, and for five years it was housed in the Administration Building of the University. In 1957 the School purchased the property it now occupies.

Designed to serve the Atlantic Region, the School has placed emphasis on individual attention and highly qualified instructors. In 1950 Mount Allison University, St. Francis Xavier University, and Acadia University recognized the School and through an affiliation agreement awarded Master of Social Work Degrees to its graduates. In 1952 the University of King's College and St. Mary's University joined in the affiliation. Thus, a graduate of the School now receives his Master's Degree in Social Work from one of these five Universities.

Students interested in learning more about the program are referred to the current Calendar. The program, like that of other Canadian Schools of Social Work, is both practical and theoretical. The classroom courses are divided into three different groups, those concerned with the social work methods,

those concerned with the social services, and those concerned with understanding human behaviour and social environment. In addition, students are required to participate in a Research program and write a thesis before they can qualify for graduation. The practical part of the program takes students into nearby agencies for two and one half days a week where they practice social work under the direction of a specially qualified Field Instructor.

The demand for professional social workers at home and abroad is enormous, and opportunities are varied and challenging. Persons planning a career in the social Welfare field should first obtain a baccalaureate degree, with special emphasis on the Social Sciences, before applying to the Maritime School of Social Work for admission. Courses in Sociology, Psychology and Political Science are particularly important. In addition, personal qualifications such as patience, understanding, tact, good judgment, emotional stability, and tolerance of religious backgrounds and beliefs that are different from one's own, are essential.

The University of King's College is proud of its long and close association with the Maritime School of Social Work. The University is pleased to offer residence and dining room facilities to students of the School. Students of the University interested in learning more about careers in Social Work are advised to seek an interview with the Registrar of the School by phoning Halifax 423-8162.

A list of the names and instructors at the School follows. Those names marked with an asterisk constitute the full time faculty of the School:

*L. T. Hancock, M.A. (Acadia), B.S.W. (McGill), A.M. (School of Social Service Admin., University of Chicago): Director.

*G. W. Alton, B.A. (Sir George Williams University), M.S.W. (McGill); Assistant Professor and Co-ordinator of Field Instruction.

*A. C. Ashby, B.A. (University of Saskatchewan), A.M. (School of Social Service Admin., University of Chicago); Assistant Professor and Director of Research.

Walter O. Baker, B.A. (Acadia), M.S.W. (Maritime School of Social Work and Acadia); Executive Director, Children's Aid Society of Colchester Co.; Lecturer and Field Instructor.

*Mary Lou Courtney, B.A. (Dal.), M.S.W. (Maritime School of Social Work and Saint Mary's); Field Instructor.

Harold D. Crowell, Diploma (Maritime School of Social Work); Executive Director, Children's Aid Society of Hants Co.; Field Instructor.

Joan E. Cummings, B.A. (Dal.), M.S.W. (Maritime School of Scoial Work and St. Francis Xavier); Chief Social Worker, Halifax Mental Health Clinic for Children; Field Instructor.

Margaret Gibson, Diploma (Maritime School of Social Work); Casework Supervisor, Children't Aid Society of Halifax; Field Instructor.

Doreen Gillen, B.A. (Mt. Allison), M.S.W. (University of Toronto, School of Social Work); Executive Secretary, Family Service Bureau of Halifax; Field Instructor.

John F. Horricks, B.A. (University of Toronto), B.S.W. (University of Toronto, School of Social Work); Executive Director, Welfare Council of Halifax; Lecturer and Field Instructor.

R. O. Jones, B.Sc., M.D., C.M. (Dal.); Professor of Psychiatry, Dalhousie University; Lecturer.

Pauline C. Macdonald, B.A. (Mt. Allison), Diploma (Maritime School of Social Work); M.Sc. (Social Admin.) (Western Reserve); Director of Social Service, Victoria General Hospital; Lecturer and Field Instructor.

F. R. MacKinnon, B.A. (Mt. Allison), M.A. (Harvard), School of Social Service Admin., University of Chicago); Deputy Minister of Welfare for Nova Scotia; Lecturer.

Marjorie MacKinnon, B.A. (Mount St. Vincent), M.S.W. (Maritime School of Social Work and St. Francis Xavier); Field Instructor.

Frances B. Marshall, A. M. (Neb.), Ph.D. (Chicago); Lecturer.

Isabel McLellan, Diploma (Maritime School of Social Work); Casework Supervisor, Nova Scotia Department of Public Welfare; Field Instructor.

Margaret Nelson, B.A. (Mount Allison), M.S.W. (Maritime School of Social Work and Mount Allison); Registrar.

Joseph M. Pelrine, LL.B., (Dalhousie); Lecturer.

Carol Ann Probert, B.A. (Mount St. Vincent), M.S.W. (Maritime School of Social Work and Saint Mary's); Field Instructor.

Jessie Rae, B.Sc. (H.Ec.) (Mount Allison), M.Sc. (Nutrition) (Cornell, P.Dt.); Director, Division of Nutrition, N. S. Dept. of Public Health; Lecturer.

Maureen Roberts, M.B., Ch.B., D.C.H. (Edinburgh); Associate Professor of Pediatrics, Dalhousie University; Lecturer.

Sister John Elizabeth, B.A., (Dal.), M.S.S.W. (Catholic University of America); Superintendent, Home of the Guardian Angel; Lecturer and Field Instructor.

Ruth Smith, B.Com. (Dal.), M.S.W. (McGill); Social Worker, Family Service Bureau of Halifax; Field Instructor.

Doreen Tillotson, B.A. (University of Manitoba), Diploma in Social Work (McGill); Field Instructor.

John Walker, B.A. (St. Francis Xavier), M.S.W. (Maritime School of Social Work and St. Francis Xavier); Assistant Superintendent, Nova Scotia Training School; Field Instructor.

School of Journalism

Journalism is a profession and, like other professions, requires special intellectual and particular skills. While many successful journalists did not have the benefit of formal training, some did not attend university, most employers in the fields of journalism now believe that a college graduate is much more likely to be a successful journalist than someone who has not been to college. Newspapers and magazines are in greater need than ever before for qualified people to report the affairs of the world with interpretation and understanding. Such people should have a sound background in the social and natural sciences as well as in literature, languages and the arts, and they must understand the ethics and traditions of the profession. These requirements apply equally to the fields of radio and television and public relations in which professional training is also given at the Atlantic School of Journalism and Communications.

PURPOSE OF THE SCHOOL

In 1947 three universities in the Halifax area affiliated in making courses in journalism available to interested students enrolled in degree work. The program was carried on within certain limitations until a complete re-organization in 1962, when the Atlantic School of Journalism and Communications was formed. The new school provides young men and women, particularly in the Atlantic region, with an opportunity to prepare for careers in newspaper, magazine, radio and television, and public relations work. A program has been arranged so that a useful balance may be achieved between communications studies and liberal arts subjects, permitting graduates to enter the profession with added knowledge and potential. Working in close co-operation with local and regional media, the school hopes to provide an adequate supply of trained journalists for employers in all parts of Canada. Assistance is given to students in securing temporary and summer employment during the training period and permanent work after graduation.

Students from various parts of Canada and from several foreign countries entered the first stage of training in the 1962-63 academic year and it is the plan to establish the final year of professional training by 1965, so that graduates from other than affiliated universities might enter the program.

EXTENSION COURSE

Evening courses in public relations are offered each year to the general public. While these students are not required to meet university academic qualifications, they are expected to have a high standard of maturity and general knowledge established for the studies.

STAFF

The School is under the direction of Glen Hancock, journalist and public relations executive. Lecturers are drawn from affiliated universities and from local media professions.

ACADEMIC MEMBERS OF THE BOARD OF GOVERNORS

H. D. Smith, C.D., M.A., Ph.D. (President of King's College); The Very Rev. C. J. Fischer, S. J., S.T.D. President of Saint Mary's University); Sister Francis d'Assisi, Ph.D. (President of Mount Saint Vincent College).

ENTRANCE REQUIREMENTS

Students wishing to enroll in the School of Journalism should first apply for admission in the University of King's College and meet the academic requirements for entrance to the Bachelor of Arts degree program. Then application should be made for admission to the School of Journalism.

LENGTH OF COURSE

Students entering an affiliated university with junior matriculation (Grade XI, Nova Scotia) are required to take four years to the B. A. degree, followed by a final year of professional training in communications for a diploma. About one-quarter of the time devoted to communications studies is in classroom theory. One-half is practical newsroom and studio training, and the remainder is practical work for publication and broadcast. The academic year commences in late September and ends in early May.

DESIRABLE PERSONAL QUALIFICATIONS

The Student who is sincerely planning for a career in journalism and other communications media should have better than average writing aptitudes. He should be a good reader. He should be dependable, responsible and accurate. He should have good judgment, a sense of humor, and should be able to get along with people. He should be willing to work hard.

EXPENSES

Tuition fees for arts are $488.00 a year. Each communications course is an additional $60.00. The minimum average costs per academic year for tuition, room and board, and books is about $1,200.00, but students should apply directly to affiliated universities for details.

COURSE OF STUDY

In addition to the usual arts requirements, a minimum of seven subjects in communications must be successfully completed before graduation. At least two of these subjects are taken in preparatory years, of which Journalism 1 (elementary news writing and editing) is compulsory. Most students, however, will take three courses before the professional year, including Communications 1 (an introduction to radio and television) and Public Relations 1 (a survey of the whole field).

At this point they may decide whether to specialize in the final year.

Practical work is integrated with all courses throughout the program and students are assigned to cover courts, the legislature and other events.

Liberal arts subjects recommended for journalism students include English, history, languages, political science, business economics, social psychology and geography.

COMMUNICATIONS 1 (Radio and Television)

Much of this course is practical work in school and commercial studios. Lectures include: History of broadcasting,

broadcasting law, fundaments of radio and television theory and mechanics, writing for radio and TV (news, talks, plays, commercial continuity), programming, production and direction, announcing and speaking techniques, video and audio recording, sound effects, staging and lighting.

JOURNALISM 1 (52 Hours)

This course emphaizes the need for accuracy and integrity in journalism and explains the techniques of gathering, writing and editing news for all media. Lectures include: History of journalism, newspaper organization and management, mechanics of publishing, advertising, circulation, journalistic law, art of news writing (word patterns, building the news story, columns, features, editorials, interpretive reporting); reporting techniques (interviews, press conferences, politics and government, crime and courts, city council, business, accidents and disasters); copy editing and headlines, typography, syndicates and press services.

PUBLIC RELATIONS 1 (A survey of the entire field)

These lectures attempt a practical application of communications theory. Subjects discussed include: History and philosophy of public relations, communications research (persuasion and public opinion), interpretation of problems, planning and action, evaluation, improving PR standards, the practice of PR counselling, departmental management), language of PR, image, the public (stockholders, employees, customers, the community) PR for business and industry, utilities, welfare agencies, churches, schools, government; technique of communications (mass media, printed and spoken word, films, speeches, displays, advertising), case histories.

PROFESSIONAL YEAR

It is expected that the first full year of professional training will be given in 1965-66.

Students may specialize at this time or take a general course.

Subjects in this program include advanced writing in all fields (magazine, interpretive, feature, editorial); editing and makeup, advanced procedures in radio and television operation, direction and production; advanced work in public relations, literary and dramatic criticism, psychology of communications, and advertising.

Practical work will be co-ordinated throughout the program for students in all divisions.

ADDRESS ALL COMMUNICATIONS TO

The Atlantic School of Journalism and Communications, University of King's College, Coburg Road, Halifax, Nova Scotia.

Diction and Voice Production

EDWARD ROBERTS, A.R.C.M., Lecturer

SPEECH THERAPY

The correction of stammering, stuttering, lisping and other faults.

TONE PRODUCTION   DRAMA   PUBLIC SPEAKING

PARLIAMENTARY PROCEDURE

PROSE   POETRY

There are two terms of four months each. Sixteen lessons are given each term. First term begins Thursday, September 10th, 1964. Second term begins Thursday, January 7th, 1965.

TUITION FEES

Private lessons, Adults, one hr. lesson........$65.00 per term
Private lessons, Juniors (18 & under) one hr. $40.00 per term

SYLLABUS

Quality of Voice

The elimination of nasal, throaty or guttural tone, lack of tone, and voice strain.

Breathing

The development of diaphragmatic and easy breathing.

Pronunciation and Enunciation

Training in correct phrasing, emphasis, pauses and modulation.

Language

Study of the fitness of words, and smoothness of transition.

Rhetoric

The formal organization of an address.

Atlantic Summer School of Advanced Business Administration

●

June 14th — July 17th, 1964

●

Under The Joint Sponsorship of

UNIVERSITY of KING'S COLLEGE

UNIVERSITY of NEW BRUNSWICK

MEMORIAL UNIVERSITY of NEWFOUNDLAND

ACADIA UNIVERSITY

MOUNT ALLISON UNIVERSITY

ST. MARY'S UNIVERSITY

ST. DUNSTAN'S UNIVERSITY

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O. Nelson Mann — Executive Vice President, Atlantic Provinces Economic Council, Halifax, N. S.

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F. M. Covert — Partner, Messrs. Stewart, MacKeen & Covert and President, Moir's Limited, Halifax, N. S.

W. C. Baggs — General Manager, Bathurst Power & Paper Company, Montreal, Que.

G. F. Harrison — Director of Personnel Administration, Dominion Tar and Chemical Company Limited, Montreal, Que.

J. R. Adams — Manager of Personnel, Great Northern Paper Co., East Millinocket, Maine.

OBJECTIVES

The basic objective of the program is to enable each participant to function more effectively in his present position and to prepare him for larger responsibilities.

The program is designed to achieve this objective by helping each participant to:

1. Achieve a company wide point of view by increasing his knowledge and ability to communicate in financial areas other than his own.

2. Improve his ability to analyze business problems and to reach a sound decision with reference to them.

3. Increase his effectiveness in working with other people by increasing his understanding of administrative leadership.

4. Enlarge his outlook on the important economic and social forces which affect the environment in which modern business operates.

To reach these objectives, concentrated study is devoted to the following major subject areas:

Human Relations
Business Policy
Operating Problems
Financial Analysis and Control
Labour Problems
Marketing Problems

QUALIFICATIONS FOR ADMISSION

Business experience, native ability, and a capacity for growth, rather than the amount of formal education a man has had, are the essential requirements for admission. Only those men who, in the opinion of their companies, appear to possess inherent qualities for advancement within their organizations should be considered. It is absolutely essential that the men who attend look upon the program as a serious assignment, who seek to obtain the maximum possible benefit from the oportunity, and who are anxious to increase their ability as administrators. They must be willing to contribute as well as to absorb. Titles in themselves are of minor importance. Those engaged in staff functions may well gain equally with those active in an operational capacity. The particular functional area within which the man is engaged is immaterial. Large companies and small companies alike are represented. The basic requirements for admission are a reasonable amount of business experience, a willingness to work, a capacity for growth, and co-operative attitude. It is a responsibility of the company from which a candidate comes to recommend only those men who possess these qualities.

THE COURSE

Human Relations and Labour Relations   Mr. Livernash

This course deals both with the human problems of the organization in their administrative context as well as the institutional relations between management and unions representing employees. Classroom work consists principally of analysis and discussion of concrete cases which describes business situations including the people involved, their actions

and relationship, and the conflicts that may stem from their differing values. The general purpose of the course is to provide each participant with an opportunity to develop a way of thinking about human and social facts in business organizations such that he will be more useful and responsible member of an organization, whatever his capacity and position.

Business Policy—Formulation and Administration   Mr. Lewis

The course in business policy builds upon and integrates the work of the other courses in the program. Maintaining throughout the point of view of top management, it (1) seeks to enable those operating within the individual function of a business to meet their several responsibilities more effectively by virtue of a better understanding of how their particular operations form a part of the over-all Company objectives and (2) to provide those who may at some time in the future be placed in top management positions an anticipatory concept of the problems they will have to face. The course emphasizes the importance of well-defined company objectives; the development of sound policies for achieving these objectives; the organizing of administrative personnel to carry out plans; measuring organizational achievement; and re-appraising objectives, policies and organization in the light of new developments. Particular stress is laid on the importance of sound marketing and distribution policies.

Operating Problems   Mr. Rosenbloom

This course stresses the management of resources engaged in the production and distribution of goods and services. The focus will be on determining the technological and logistical requirements of the enterprise and ensuring that the production distribution system is responsive to the needs of the company as a whole. Specific concepts and tools of analysis appropriate to these problems will be presented. The

cases will include problems involving the choice of capital equipment, analysis of material flow patterns, inventory and production planning, and the implications of new technology.

Financial Analysis and Control   Mr. Walker

This course offers an interplay of financial management, accounting and budgetary considerations in running a business enterprise. The heart of its treatment is profit control, including, of course, a realistic examination of the human factors of organization, communication, motivation, and qualitative criteria that are necessarily prefunctional in achieving that control. A foundation in the concepts and technical use of business figures is not required to accomplish the overriding purpose of the course, which is to impart awareness of the key essentials and problem areas that underly the part financial analysis and planning manoeuvres play in management decision making. The classroom approach, generally, is through practice in the analysis and interpretation of typical cost and financial situations faced by managers in the field of actual enterprise operations.

GENERAL INFORMATION

Accommodations

Executives will live on the Campus in single rooms at the new residence, Alexandra Hall. Meals will be taken in the recently completed Prince Memorial Hall dining room and will include Saturday evening meal and all meals on Sunday.

Costs

Full tuition fees, books and room and board charges for the five weeks are $900.00. All charges are payable to the Atlantic Summer School for Advanced Business Administration.

Miscellaneous

Some weeks prior to registration on Sunday, June 14th, each participant will receive a letter from the school which will contain travelling directions to the school, mailing address, information on telephones, automobiles and parking, laundry, check cashing and any other information thought necessary by the school.

Registration

Application for admission should be addressed to Dean H. E. Dysart, Director, Atlantic Summer School for Advanced Business Administration, University of King's College, Halifax, N. S. to allow sufficient time for processing applications, the completed forms should arrive at the school prior to June 1st, 1964.

Institute of Pastoral Training

University of King's College
Pine Hill Divinity Hall
Divinity School of Acadia University
Presbyterian College, Montreal
Medical Faculty of Dalhousie University

The organization of this Institute in collaboration with Pine Hill Divinity Hall, the Divinity School of Acadia University, Presbyterian College, Montreal, Medical Faculty of Dalhousie University, represents one of the newest projects in Theological education on the Canadian scene. It is the objective of the Institute to bring pastors and theological students face to face with human misery as it exists both in and out of institutions, through courses in Clinical Pastoral Education in both general and mental hospitals, reformatories and juvenile courts, homes for the aged, alcoholic treatment centers, and other social agencies. In this connection, the Institute now sponsors six-week courses in Clinical Pastoral Education, usually commencing mid May, at the Nova Hospital, Dartmouth (mental), and the Nova Scotia Sanatarium, Kentville.

While the above mentioned courses aid primarily at increasing the pastoral competence of the parish minister or church worker, students of particular aptitude and interest can be guided in further theological training to become qualified teachers of these subjects in theological courses, directors of Clinical Training Courses, and institutional chaplains; also, in certain cases, to become experts in particular specified fields, such as ministering to the mentally ill or alcoholics, where the church may have a significant role to play in partnership with secular professions.

Other goals of the Institute include the production of teaching materials, the promotion of workshops, and the establishment of a first class library and reference center at the Institute office.

A number of one-day and four-day workshops have already been held in various localities in the Maritimes, and information as to what is involved in setting one of these up may be obtained from the Secretary of the Institute.

All enquiries concerning courses offered should be addressed direct to the Secretary of the Institute, the Reverend Professor C. J. Taylor, Acadia University, Wolfville, N. S.. Board and lodging can usually be arranged, and some bursary assistance is forthcoming. Academic credit is given by certain Canadian and American universities for satisfactory completion of either of the courses offered. Applications to attend the courses from bona fide enquirers belonging to other professions are welcomed, and receive equal consideration.

Scholarships and Prizes

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

Further particulars and application forms may be obtained from the Registrar of King's College.

Any scholarship winner who can afford to do so is invited to resign all or part of the financial emoluments. He will still be styled the winner of the Scholarship during its tenure. This arrangement increases the value of the Scholarships Funds, as it enables other students of scholarly attainments to attend the University.

ARTS AND SCIENCE

An average of 65% must be made to retain scholarships.

Chancellors' Scholarships

Established originally through the generosity of the Hon. Ray Lawson, O.B.E., LL.D., D.C.L., former Chancellor of the University, and continued by succeeding Chancellors, these **entrance** scholarships are offered each year to students of the Atlantic Provinces. They are of an annual value of $400 and tenable for four years from Grade XI and three years from Grade XII.

King's Foundation Scholarships

Established by the Board of Governors, these **entrance** scholarships are of an annual value of $250 and tenable for four years from Grade XI and three years from Grade XII.

Halifax-Dartmouth Area High School Entrance Scholarships

A number of scholarships have been established by the University of King's College for Students entering the University from the High Schools of the Halifax-Dartmouth area. These scholarships are of an annual value of $125.

Winfield Memorial Entrance Scholarship—$200

Established by Mrs. W. A. Winfield in memory of her husband. One scholarship of $200, tenable for one year, will be awarded to the fully matriculated student entering college with the best general school record, which must include an average of not less than 65% in matriculation.

The Alumni Scholarship—$200

A scholarship of $200 is offered by the Alumni Association to the fully matriculated student of King's College School, Rothesay Collegiate, Edgehill, Netherwood or Halifax Ladies College, who *enters* with the highest standing and remains in residence for one year. The winner of this scholarship must not hold any other scholarships.

Keating Trust Scholarships—$125

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

The Halifax Rifles Centenary Scholarship—$200

Established by the Halifax Rifles as an *entrance* scholarship. For particulars apply to the Registrar of King's College.

The Prince Scholarship—$1000

Made available annually by a former graduate of the University in recognition of the pre-eminence in the spheres of education and community leadership of the late Dr. S. H. Prince, long associated with the University. This scholarship will be open to any student of African extraction, a native of Nova Scotia, who has completed Grade XI or XII and who wishes to proceed to University to study for a degree in the Faculty of Arts and Science.

Living Endowment Scholarship—$600

A number of scholarships have been established by the Alumni Association. These are awarded annually and are intended for entering students, but consideration will be given to applications from students who are already members of the College and who are in good academic standing.

April Fund Scholarship

The trustees of the April Fund, having considered financial aid generally made available to scholars throughout university undergraduate study, feel that an insufficient number of scholarships exist for which students in their senior year may compete.

Therefore, a scholarship of $600.00 has been established by the April Fund which will be granted to a student of outstanding academic distinction entering his or her graduating year at the University of King's College in the academic year 1964-65. Any student may apply for this scholarship whether or not he has previously studied at that University.

The scholarship holder will be required to live in University residence.

Applications must reach the Registrar not later than July 31, 1964 and must be accompanied by a transcript of marks obtained in the applicant's Junior year, and the names of two professors to whom the applicant is known, and to whom reference can be made.

Margaret and Wallace Towers Scholarship—$600

A scholarship of $600 a year has been established by Mr. Donald R. Towers, of The Cheshire Academy, Connecticut, an alumnus of King's, in memory of his mother and father. This scholarship will be available to a student of high academic standing entering the University of King's College, Halifax, Nova Scotia, to study Arts, Science, or Journalism, who is a resident, or a descendent of residents, of Charlotte County, New Brunswick, or of Washington County, Maine. Failing any qualified applicants from these counties, the scholarship will become available to a student resident anywhere outside the Maritime Provinces of Canada.

The winner of the scholarship will be allowed to retain it throughout his or her undergraduate course at King's College provided he maintains an average of 65% with no failure in any subject in the annual spring examinations.

I.O.D.E. Bursaries

The Provincial Chapter of Nova Scotia, I.O.D.E., will award a limited number of bursaries of from $100 to $200 to university students of satisfactory academic standing in need of financial assistance. First-year students will be given preference.

Applications for these bursaries should be sent to the Provincial Education Secretary, I.O.D.E., 5853 Spring Garden Road, Halifax, Nova Scotia, by June 1, 1964.

The Imperial Order Daughters of the Empire Bursary

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

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

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

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

For further particulars communicate with the I.O.D.E. Provincial Education Secretary, 5853 Spring Garden Road, Halifax, Nova Scotia.

King's College Naval Bursary

In order to commemorate the unique and valuable relationship between the University of King's College and the Royal Canadian Navy during the Second World War, ships and establishments of the Atlantic Command have set up a Bursary to enable a student to attend King's.

Amount of Bursary—It is intended that the Bursary be sufficient to cover all College fees and the cost of books.

Qualifications for Applicants—Applicants who will be considered for this Bursary must meet these requirements.

They must be:

a. Children of either officers and men serving in the Royal Canadian Navy or retired from the R.C.N. on pension.

b. Acceptable to, or registered in, King's College. Transfer or failure will entail the withdrawal of the Bursary. Academic achievement and promise will be the first consideration in selecting a candidate. Purpose, industry and character are to be carefully weighted, together with the likelihood that the candidate will make good use of higher education to benefit not only himself but also his country.

Conditions of Award—The Bursary is awarded annually but it is intended to be tenable by the same student to the completion of his course at King's College provided that he makes acceptable progress. The Bursary will be withdrawn in the event of academic failure or withdrawal from King's College for any reason.

Please send enquiries or applications to:

King's College Naval Bursary,
University of King's College,
Halifax, Nova Scotia.

Deihl Bridgewater Bursary—$250

To assist needy students of suitable standing, resident in the town of Bridgewater, or within six miles of the town. Bequeathed by the late Lena Ruth Deihl.

Walter Lawson Muir Bursary—$175

To be awarded annually at the discretion of the Scholarship Committee either to a student entering college for the first time or to a student returning to college who won high scholastic standing in the previous year. Endowed by Mrs. W. L. Muir.

The United States Scholarship—$500

Awarded annually by Friends of New York State Corporation, to the student who in the judgment of the Directors of the Corporation best exemplifies an appreciation of the importance of good relationships between the people of the United States and Canada. Applicants must be residents of the United States and should make application to the Registrar before May 15th.

In any year the scholarship may be divided among two or more students.

Imperial Oil Higher Education Award

Imperial Oil Limited offers annually free tuition and other compulsory fees to all children or wards of employees and annuitants who proceed to higher education courses. The courses may be taken at any Canadian University or other approved institution of higher learning. Each award is tenable for a maximum of four years. To be eligable a student must attain an average mark of 70% in the appropriate secondary school examinations in the subjects required for admittance to the approved institution. Further information and application forms may be obtained from the Secretary, Imperial Oil Education Awards Committee, 111 St. Clair Ave., W., Toronto 7, Ontario.

Redpath Sugar Scholarship

Establishment of a Redpath Sugar Scholarship for a son or daughter of a Maritime miner to study at a Maritime University was announced January 28th, 1959 from Montreal by W. J. McGregor, President of the Redpath Sugar Refinery. Selection will be based on need for assistance and on scholastic qualifications, Mr. McGregor said, and is in memory of men lost at Springhill.

Value of the scholarship is $1,000 for two years' study towards a degree or diploma at a recognized university in the Maritimes. At the end of two years, additional assistance may be granted at the rate of $500 annually if academic record warrants.

Selections will be made by a committee of three, none of whom is employed by the Redpath Sugar Refinery. Applications for the scholarship can be addressed to Beyard Goodday, Esq., P. O. Box 309, Halifax, N. S. or E. L. Spencer, Esq., P. O. Box 523, Saint John, N. B.

The President's Scholarships

Three scholarships of $250 will be awarded to the students who make the highest average at the end of the first, second and third year examinations and hold no other scholarship.

The Stevenson Scholarship—$120

Founded by the Rev. J. Stevenson, M.A., (sometime Professor of Mathematics), of the value of $120 a year tenable for two years, and open to matriculated students in the second year.

One scholarship will be awarded each year.

This scholarship will be awarded to the student in the Second Year, registered at King's College, who makes the highest aggregate in the Christmas examinations, provided the student will have credit for at least nine subjects at the end of the session and is carrying not more than two subjects that may normally be taken in the First Year. The last requirement may be waived, on application of a student, if it conflicts with an approved course.

The Scholarship will not be awarded if the average mark is less than 65%.

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

Alexandra Society Scholarship—$200

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

Saint John University Women's Club Scholarship (Undergraduate)

The Saint John University Women's Club awards a scholarship of $100 each year to a woman student entering her senior year in a Maritime University. The award is to be made to a student from the City or County of Saint John, with consideration being given to both academic attainment and financial need.

Applications are to be forwarded not later than April 1st to:

> The Secretary,
> Saint John University Women's Club,
> Saint John High School,
> Saint John, N. B.

The application must be accompanied by a letter from the Registrar attesting the scholarship standing of the candidate.

The Almon-Welsford Testimonial—$30

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

Bishop Binney Prize—$20

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

The Harry Crawford Memorial Prize—$25

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

The prize is awarded by the Faculty to the student completing the third year Arts course, of good character and academic standing, who in the opinion of the Faculty deserves it most.

Khaki Bursary—$60

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

The Binney Bursary—$50

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

This scholarship is intended to aid students who may require assistance, and who shall have commended themselves by their exemplary conduct, although their abilities and achievements may not qualify them to be successful competitors for an open Scholarship.

The Jackson Bursary—$25

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

The McCawley Classical Prize—$35

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

Open to matriculated undergraduates who have completed their first year, having entered from either Grade XI or Grade XII.

The Henry D. deBlois English Prize—$15

The Late Rev. Henry D. deBlois, D.C.L., a graduate of King's College, left the sum of $200 to the Governors of the College to establish a prize in English. Awarded to the student of the 3rd or 4th year in Arts or Science who submits the best essay on some subject relating to English Literature.

For conditions, apply to the Registrar. All essays must be in the hands of the Registrar of King's College by February 15.

The Beatrice E. Fry Memorial—$50

Established by the Diocesan Board of the W.A. of the Diocese of Nova Scotia, in memory of Miss Beatrice E. Fry. To be awarded to the woman student (Anglican) of the College obtaining the highest mark of the year in English 2, provided that mark exceeds 65%.

Dr. M. A. B. Smith Prize—$25

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

Charles Cogswell Bursary—$20

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

The Lawson Prize—$100

Established by The Hon. Ray Lawson, former Chancellor of the University, for the student who shows the greatest progress between the first and second year.

The Zaidee Horsfall Prize in Mathematics—$10

Established as a memorial to the late Zaidee Horsfall, M.A., D.C.L. Awarded to the student who makes the highest mark in first year Mathematics.

The Akins Historical Prize—$100

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

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

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

The Governor General's Medal

Awarded to the candidate who obtains the highest standing in the examination for B.A. or B.Sc. Degree. Preference will be given to an Honours Student.

The Rev. S. H. Prince Prize in Sociology

This prize was made available by a $1,000 bequest under the will of the late Dr. S. H. Prince for annual award to both Dalhousie and King's Students.

Burns Martin Memorial Prize

Established in 1962 by a graduate of the University in memory of Dr. Burns Martin, for many years Professor of English and College Librarian, to be awarded annually at Encaenia.

$500 Scholarship

The University Women's Club of Halifax will offer a scholarship of the value of $500 every second year, beginning in the autumn of 1964. This scholarship will be awarded to a woman graduate of Dalhousie University or King's College, to assist her in obtaining her M.A. or M.Sc degree at any recognized gratuate school. The candidate must hold a Bachelor's degree of sufficiently high standard to enter graduate school.

Application forms may be obtained from the office of the Dean of Women, Miss Christine Irvine at Shireff Hall.

Applications should be returned to Miss Irvine not later than March 31, 1964.

The successful candidate will be notified on or before May 15, 1964.

The Canadian Federation of University Women Fellowships

The Travelling Fellowship ($2,500) and the Margaret McWilliams Fellowship ($2,000) are open to any woman holding a degree from a Canadian University, whose domicile is in Canada (although she may be studying elsewhere at the date

of application) and who wishes to do post-graduate study or research outside Canada. Preference will be given to candidates who have completed one or more years of graduate study and who have a definite course of study or research in view.

The Junior Fellowship ($1,500) is open to any woman holding a degree from a Canadian University who is not more than 25 years of age at the time of award and whose domicile is in Canada. Preference will be given to students who have studied in only one University and who wish to continue their studies in another.

The Professional Fellowship ($1,500) is open to any woman holding a degree from a Canadian University whose domicile is in Canada. Preference will be given candidates who have completed one or more years of professional work and who wish to spend a year at an accredited Library School, College of Education, or similar professional school.

In addition, the C.F.U.W. Fellowship Committee is responsible for selecting Canadian women as candidates for the following International awards:

The American Association of University Women Educational Foundation announces two new Fellowships in the Natural Sciences:

1. Sarah Berliner Fellowship in Physics, Chemistry or Biology.

2. Ida H. Hyde Fellowship in Euthenics or Eugenics.

These Fellowships, open to women of any country represented in the International Federation of University Women, have a stipend of $5,000 each, require a Doctorate in the field of research, and are unrestricted as to age or place of research.

The American Association of University Women Educational Foundation offers to women of other countries which are represented in the International Federation of University Women, thirty international fellowships of $2,500 each, for study in the United States, and a few international fellowships for study in any country other than the fellow's own.

The International Federation of University Women Committee for the award of International Fellowships announces:

Five AAUW awards of $2,500 each.

The CFUW A. Vibert Douglas Fellowship of $2,000.

The IFUW Ida Smedley MacLean Fellowship of 850 pounds sterling.

The IFUW Winnifred Cullis Fund Grants not exceeding 300 pounds sterling each.

The FUWI (Bombay Branch) grant approximately 370 pounds sterling.

The NKAL (Denmark) grants approximately 200 pounds sterling.

These Fellowships are for research only and candidates must be full members of their national Federation of University Women.

Newham College, Cambridge, offers the Ruth Holt Fellowship open to women of any nationality for research in the Natural Sciences. The value is 400 pounds sterling a year, together with free board and residence tenable for three years from October. Applicants are expected to have reached at least the standard of a research student completing her work for the Ph.D degree.

IFUW applications must be completed by November 1st.

AAUW applications must be completed by December 1st.

Newham College applications must be completed by January 1st.

CFUW applications must be completed by February 1st.

Canada may present a maxium of four candidates for the fellowships awarded by IFUW and four of those fellowships awarded by AAUW. Application forms may be obtained from:

Dr. May Smith,
Chairman, Fellowships Committee,
2424 Crown Crescent,
Vancouver 8, B. C.

The Rhodes Scholarship

This scholarship is of the annual value of 750 pounds sterling. Before applying to the Secretary (Dr. C. B. Fergusson, 6 Jennings St., Halifax) of the Committee of selection for the Province (which application must be made by November 10th), consult the Registrar, King's College.

Rhodes Scholars who have attended the University of King's College

1909	Medley Kingdom Parlee, B.A., '08
1910	Robert Holland Tait, B.C.L., '14
1913	Arthur Leigh Collett, B.A., '13
1916	The Rev. Douglas Morgan Wiswell, B.A., '14 M.A., '16
1916	The Rev. Cuthbert Aikman Simpson, B.A., '15 M.A., '16
1919	William Gordon Ernst, B.A., '17
1924	The Rev. Gerald White, B.A., '23, M.A., '24
1925	M. Teed, B.A. '25
1936	Allan Charles Findlay, B.A., '34
1938	John Roderick Ennes Smith, B.Sc., '38
1946	Nordau Roslyn Goodman, B.Sc., '40, M.Sc., '46
1949	Peter Hanington, B.A., '48
1950	Ian Henderson, B.Sc., '49
1950	Eric David Morgan, B.Sc., '50
1955	Leslie William Caines, B.A., '55
1962	Roland Arnold Grenville Lines, B.Sc., '61
1963	Peter Hardress Lavallin Puxley, B.A., '63

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

This scholarship was founded by the Imperial Order Daughters of the Empire as part of the war memorial of the Order. Ten are offered annually—one for each Province.

They are of the value of $2,000, are tenable for one year, and have been founded to enable students to carry on studies at any university in the United Kingdom, in British and Imperial History, the economics and government of the Empire and Dominion or any subject vital to the interests of the Empire. For further information apply to the Head Office of the Order.

Commonwealth Scholarships

Under a Plan drawn up at a conference held in Oxford in 1959, each participating country of the Commonwealth offers a number of scholarships to students of other Commonwealth countries. These scholarships are mainly for graduate study and are tenable in the country making the offer. Awards are normally for two years and cover travelling, tuition fees, other university fees, and living allowance. For details of the awards offered by the various countries consult the Registrar's office or write to the Canadian Universities Foundation 77 Metcalf Street, Ottawa.

Rotary Foundation Fellowship

Open to graduate students for advanced study abroad. Available every second academic year, 1963, 1965, etc. Applications must be considered before August 1st of previous year. Information may be obtained from Rotary Clubs or the Registrar.

Imperial Oil Graduate Research Fellowships

Imperial Oil Limited in 1946 established for annual competition Graduate Research Fellowships, now five in number and having a potential value of $7,500 each ($2,500 a year for a minimum of three years.) A fellow may not hold concurrently other awards which annually equal or exceed $1,500 per annum.

The fellowships are open to any approved Canadian university and are offered for research leading to a Doctor's degree in the fields of Pure and Applied Natural and/or Exact Sciences, including Mathematics (3 fellowships), and Social Sciences and Humanities (2 fellowships). Nomination of students for the fellowships is made by the university—such nomina-

tions to be received by the Secretary, Imperial Oil Higher Education Awards Committee, Imperial Oil Limited, 111 St. Clair Ave., W., Toronto 7, not later than March 1st of each year.

DIVINITY

Owen Family Memorial Scholarships—Two of $250

Established by Mr. and Mrs. D. M. Owen, in memory of the Owen Family, tenable for one year, but renewable, and open to applicants who are Nova Scotia born, and resident therein, and are or are about to become theological students at King's College, preference being given (1) to native residents of the Town of Lunenburg, and (2) to native residents of the County of Lunenburg.

Canon W. S. H. Morris Scholarship—$1,500

This Scholarship has been founded by Robert H. Morris, M.D., of Boston in memory of his father, the Reverend Canon W. S. H. Morris, M.A., D.D., Kingsman, Scholar and Parish Priest in the Diocese of Nova Scotia for forty years.

The Scholarship may be awarded annually by the President and Divinity Faculty to the most deserving member of the present or recent graduating class of the Divinity School, who has been at King's at least two years, and who, in the opinion of the Faculty, would benefit from travel and/or study in Britain, the U.S.A. or some other area outside the Atlantic Provinces of Canada, provided he reaches a satisfactory standard. Applications, stating the use which the applicant expects to make of the Scholarship, must be submitted to the Dean of Divinity on or before January 8 of the applicant's graduating year. The recipient will be required to serve in the Atlantic Provinces for a minimum of three years after his return from abroad.

William Cogswell Scholarships

Open to students intending to work in the Diocese of Nova Scotia. Scholarship (A): Under the direction of the Trustees of the William Cogswell Scholarship to be awarded to the student who passes a satisfactory examination and who takes his Divinity course at any recognized Divinity College

of the Church of England in Canada best fitted, in the opinion of the Trustees, to serve the terms of the Trust, giving when possible preference to King's College.

Scholarship (B): Under the direction of the Faculty of Divinity of the University of King's College, Halifax, Nova Scotia, an entrance scholarship of $200 or $300 depending on quality of work submitted, will be awarded to the properly accredited student entering the Divinity School for the first time in September, 1964, who stands highest in a special examination to be held on September 21, 1964, provided he reaches a satisfactory standard. The recipient will be required to sign a statement promising to serve in the Diocese of Nova Scotia for a period at least as long as the period during which he holds the scholarship.

This examination will consist of two papers:

   a. A paper on the content of the Old and New Testaments, and

   b. A paper on A. H. McNeile's Introduction to the New Testament (revised edition by C. S. C. Williams) Oxford, 1953.

Awards will not be made every year.

The Daniel Hodgson Scholarship—$240

Founded in 1883 by Edward J. Hodgson and the Reverend G. W. Hodgson in memory of their father Daniel Hodgson, who died about that time. This Scholarship of an annual value of $60, tenable for four years, is for the purpose of encouraging students to take an Arts Degree before entering upon the study prescribed for Holy Orders. Candidates, who must be residents of Prince Edward Island, shall file their applications and certificates of having passed the full Arts matriculation requirements before August 15th, and must not be over 24 years of age at that time. They must also satisfy the Diocesan Committee for Holy Orders as to their aptitude for the Ministry of the Church. At the end of each academic year the Scholar shall file with the Trustees a certificate from the President or Secretary of the University "that during the

past year he has resided in College (or has been excused from such residence) and has attended the full Arts course in the College", together with a certificate that his moral conduct, his attention to his studies and his general conduct have been satisfactory to the Board of Governors.

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

Order of The Eastern Star Scholarship—$250

Four scholarships are to be awarded, primarily on the basis of financial need, to 2nd or 3rd year Arts students, or to older men with their Arts degree, in their 2nd or 3rd year of Theology.

John Clark Wilson Memorial Bursaries—$100 each

Established in 1947 by Miss Catherine R. Kaiser, in memory of John Clark Wilson. Two bursaries of $100 each, tenable for one year. Awarded to Divinity students deemed worthy of financial help.

Organ Fellowship—$200

Awarded to a student qualified and willing to play the organ in the College Chapel (Casavant-2 manual pipe organ) at services throughout the year.

Glebe Scholarship

A scholarship of approximately $100 is offered annually to students from Prince Edward Island, preference being given to Divinity students.

Application, accompanied by a certificate of character from the applicant's Rector, must be sent to The Eastern Trust Company, Charlottetown, P.E.I. on or before May 31st.

Moody Exhibition—$100

The "Catherine L. Moody" Exhibition of $50 a year for two years is awarded every two years to the student entering the second year preparing for Holy Orders, whose scholarship and exemplary conduct shall, in the opinion of the Faculty, merit it. (Next award 1965).

The George Sherman Richards Proficiency Prize—$120
In Memory of the Reverend Robert Norwood, D.D.

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

The Countess de Catanzaro Exhibition—$100

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

The McCawley Hebrew Prize—$25

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

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

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

Junior McCawley Hebrew Prize—$25

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

Archdeacon Forsyth Prize—$50

The Ven. Archdeacon D. Forsyth, D.C.L., of Chatham, N. B. who died in 1933, left to King's College $1,000 to provide an annual prize or scholarship, to be awarded to a Divinity student for proficiency in the study and knowledge of the original Greek Scripture. To be awarded on the combined results of Greek Testament 1 and 2.

Shatford Pastoral Theology Prize—$40

Established by an anonymous donor, in memory of the late Rev. Cannon Allan P. Shatford, C.B.E., D.C.L. Awarded

annually for Pastoral Theology, under regulations of the class in Hebrew 2 and receives a recommendation from the Faculty of Divinity.

Laurie Memorial Scholarship

One or more scholarships of about $250 each, founded in memory of Lieut.-Gen. Laurie, C.B., D.C.L., open to candidates for the Ministry, under the direction of the Trustees. Particulars may be had from the Registrar.

The Wiswell Trust Divinity Studentship—$120

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

Prince Prize in Apologetics—$60

Established by a bequest of the late Dr. S. H. Prince. Awarded every alternate year, at the discretion of the Faculty. (Next award 1965-66).

Wiswell Missionary Bursary—$200

Founded by Dr. A. B. Wiswell for help to a Divinity student who believes he has a call to the Mission Field either Overseas or in the Canadian West.

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

Clara E. Hyson Prize—$5.00

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

A. Stanley Walker Bursary—$100

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

Johnson Family Memorial Bursary—$60

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

Divinity Grants

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

The King's Divinity Scholarship—$150

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

Archbishop Kingston Memorial—$100

Awarded annually by the Nova Scotia Diocesan W. A. on recommendation of the Divinity Faculty, to a needy Divinity Student.

The Wallace Greek Testament Prize—$50

A Book Prize established by the late Canon C. H. Wallace of Bristol, England, in memory of his father, Charles Hill Wallace, barrister, of Lincoln's Inn, who graduated at King's College in 1823, and died in England in 1845. Subject: Epistle to the Hebrews. Application to be made to the Registrar by March 1st.

Agnes W. Randall Bursary

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

Bennett-Cliff Memorial Prize

A prize of $10.00 each year. Award to be at the discretion of the President.

Kenelm Eaton Memorial Scholarship—$60

This scholarship is provided by the Synod of Nova Scotia as a memorial to The Hon. Captain Kenelm Edwin Eaton, B.Sc., L.Th., who made the supreme sacrifice while serving as a Chaplain in Italy, August 31, 1944. For particulars apply to Registrar.

Dr. C. Pennyman Worsley Prize—$100

A memorial to the late Dr. Worsley. To be used in alternate years for a prize in Church History. Next award 1965-66.

Fenwick Vroom Exhibition—$40

To be awarded to a Divinity Student as the discretion of the Faculty.

The Church Boy's League Bursary Fund

Students eligible for assistance from this Fund are those who have, at one time, been full-pledged members of any Parochial C. B. L. branch in Canada. Particulars are available from the Registrar.

The Reverend Canon R. A. Hiltz Memorial Bursaries

To be awarded to present or former members of the A.Y. P.A. who are in full course of Theology and in need of financial assistance.

Bursaries up to a total of $300 each year.

Archbishop Owen Memorial Scholarships

A number of scholarships of $300 each are awarded each year by the General Synod Committee concerned to students in their final year in Theology, who are ready to take up missionary work, either in Canada or overseas. Academic standing and financial need are taken into account in making the award.

Application should be made to the Dean of Divinity by November 1st of each year.

The Florence Hickson Forrester Memorial Prize—$100

The prize, presented in memory of the late Mrs. Forrester, by her husband, is to be awarded on Encaenia Day to the Divinity Student in his penultimate or final year who passes the best examination on the exegesis of the Greek text of St. Matthew, Chapter V-VII provided always that the standard be sufficiently high.

Bibliography

> T. W. Manson: The Sayings of Jesus, (SCM)
>
> J. Jeremias, The Sermon of the Mount, (Athlone Press)
> F. W. Beare: The Earliest Records of Jesus, (Blackwell) p.p. 52-69 and 95-98

The Bullock Bursary—$225

Established by C. A. B. Bullock of Halifax for the purpose of defraying the cost of maintenance and education of divinity students enrolled at King's College who were, before being enrolled, residents of Halifax, and members of a Parish Church there, and who are unable to pay the cost of such maintenance and education.

The Harris Brothers Memorial—$100

To be awarded at the beginning of each college year as a bursary to a student of Divinity at the University of King's College. The student shall be selected annually by the Divinity Faculty, preference being given to a needy student from Prince Edward Island, failing that, a needy student from the Parish of Parrsboro, and failing that to any deserving student of Divinity at the said University.

The Carter Bursaries—$60

Two bursaries of a value of $160 each, established under the will of Beatrice B. Carter of Amherst, Nova Scotia, to be used to assist young men studying for the Ministry.

Royal Canadian Air Force Protestant Chapel Bursary—$120

This Bursary, established in 1959 by endowment from collections taken in R.C.A.F. chapels, is awarded annually at the direction of the Divinity Faculty to a bona fide ordinand,

preference where possible being given to (a) ex-R.C.A.F. personnel, (b) children of R.C.A.F. or ex-R.C.A.F. personnel

The Ott Reading Prize—$25

Established by Dr. T. Gordon Ott. Awarded annually to a student of Divinity for the best reading of the Bible and the Services of the Church.

The Ott Preaching Prize—$25

Established by Dr. T. Gordon Ott. Awarded annually to a student of Divinity for the best extempore sermon of an expository.

William A. and Kathleen Hubley Memorial Bursary—$175

This bursary is designed to assist students from St. Mark's Parish, Halifax, and failing a suitable candidate then from any parish in the Diocese of Nova Scotia, who are studying for the Sacred Ministry at any recognized College in the Anglican Communion, preference being given to students studying at the University of King's College. The award is made on the basis of need and may be renewed provided a certain acceptable standard is attained. The recommendations of the Rector of St. Mark's and the Dean and Divinity Faculty are necessary conditions. The bursary must be applied for annually.

The Archdeacon Harrison Memorial Bursary—$20

Established by Miss Elaine Harrison in memory of her father. To be awarded to a deserving and needy Divinity student, at the discretion of the Faculty.

St. Paul's Garrison Chapel Memorial Prize—$20

To be awarded to the Divinity student chosen by the Faculty to attend a Christmas Conference.

The Clarke Exhibition

An endowment has been established by the Reverend Canon W. J. Clarke of Kingston, New Brunswick, the first charge upon which shall be the provision of copies of "The Imitation of Christ" to members of each year's graduating Class in Divinity. The balance of the income each year is to be awarded by decision of the Divinity Faculty to a deserving Divinity Student for the coming year.

LECTURESHIPS

The Archbishop Hackenley Rural Lectureship

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

This course is available to all students and priests and will consist of lectures on the Church's relation to the Rural Community, and seminars and conferences on the rural pastoral ministry, and the supervision of students working in rural parishes. This course will be integrated with the Diocesan Rural Training School.

Student Organizations

CO-EDS CLUB

This organization was founded in October, 1913. It is open to all women graduates and undergraduates of King's College. The primary object is to extend the interest of King's College among women. It is this club that sponsors the annual formal co-ed dinner during convocation week.

THE KING'S COLLEGE AMATEUR ATHLETIC ASSOCIATION

The object of this association is the promotion of amateur sports of all kinds. The K.C.A.A.A. is affiliated with the Maritime Intercollegiate Athletic Union and is governed according to the rules of that association. The K.C.A.A.A. enters teams in several intercollegiate competitions including soccer, basketball, curling, and tennis. There are also inter-bay competitions in softball, hockey, volleyball, badminton, ping-pong, and basketball.

KING'S COLLEGE GIRLS' AMATEUR ATHLETIC ASSOCIATION

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

K.C.G.A.A.A. sponsors intercollegiate teams in basketball and ground hockey, and in addition organizes and arranges co-ed badminton and volleyball matches in the King's College Gymnasium.

KING'S COLLEGE DRAMATIC AND CHORAL SOCIETY

This society was founded in 1931 to further interest in dramatics and choral work. The organization is entirely self-supporting, so all performances must pay for themselves. The society presents an evening of one-act plays during the first term, and a three-act play and a major musical during the second term. In addition, the society sponsors an inter-bay play evening and enters a play in the Connolly Shield Competition.

THE KING'S COLLEGE RECORD

The Record (founded 1878) is published by the undergraduates of the College during the Academic year. It contains a summation of the year's activities and awards. The associate editors and the business manager of the Record are elected at the first meeting of the Fall term.

THE QUINCTILIAN DEBATING SOCIETY

This society was founded in 1845 and it was largely to the initiative of this society that the Maritime Intercollegiate Debating League was established. Quinctilian sponsors inter-play debates during the first and second terms. In addition the men participate in three Intercollegiate debates each year, and the co-eds in two debates.

THE HALIBURTON CLUB

The Haliburton Club was founded and incorporated by Act of Legislature in 1884, and is the oldest literary society on a college campus in North America. Its object is the cultivation of a Canadian Literature and the collecting of Canadian books, manuscripts, as well as books bearing on Canadian History and Literature. College students and interested residents of the city of Halifax meet each fortnight

to listen to papers which are given by literary figures and by the students. Any literary man may be elected an honorary member.

THE STUDENTS' MISSIONARY SOCIETY

This society was founded in 1890. Its object is to promote interest in missionary work and to further the missionary work of the Church, especially in the Maritime Provinces. The annual meeting is held on Saint Andrew's Day, or as near to it as possible. Through the efforts of this organization, divinity students are provided with summer charges and foreign students have been afforded the opportunity of studying Theology at King's.

AWARDS

The Student Bodies of the University of King's College combine to award an overall "K" to participants in King's Activities. Under this system, begun during the 1956-1957 term, a student may receive a silver "K" upon amassing 125 points and a gold "K" upon amassing 200 points. This system applies only to those students entering King's during the 1956-1957 term and thereafter. Those who entered King's prior to that time are under a different system whereby each individual society awards its own "K" to those who have participated sufficently in the activities of that particular society.

In addition several awards are presented to students for outstanding achievements in extra-curricular activities.

Bob Walter Award

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

Warrena Power Award

Awarded to the girl who has contributed the most to college life during her years at King's.

The R. L. Nixon Award

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

The Prince Prize

This prize is designed for the encouragement of effective public speaking. The recipient is chosen by adjudicators in an annual competition.

The Bissett Award

This award is given annually to the College's best all-round male athlete.

The Arthur L. Chase Memorial Trophy

This is presented annually to the student who has contributed most to debating in the College.

The H. L. Puxley Award

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

LOAN FUNDS

Arthur L. Chase Memorial Students Loan Fund

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

Edith Mabel Mason Memorial Students Loan Fund

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

SOCIETIES CONNECTED WITH THE COLLEGE

Alumni Association of King's College

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

The Association maintains an annual scholarship.

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

The officers of the Association in 1963-64:

C. B. C. Cochran, Esq., B.Com., President, Apt. 612, Spring Garden Terrace, Spring Garden Road, Halifax, N. S.

Mr. Graham A. Laing, Vice-President, 1243 Queen's Boulevard, Apt. 206, Kitchener, Ontario.

Mrs. G. Clark, Secretary, 97 Pleasant Street, Dartmouth, N. S.

G. H. Morrison, Esq., Treasurer, 1606 Oxford Street, Halifax, N. S.

The Alexandra Society of King's College

This Society, which has branches all over the Maritime Provinces, was formed in Halifax in 1902 as the Women's Auxiliary to the Alumni, its object being to aid the Alumni in raising funds for the College. It maintains an annual scholarship and has instituted a fund to endow the Alexandra Chair of Divinity.

The Officers in 1963-64:

Patronesses.............Mrs. W. W. Davis
                  Mrs. A. H. O'Neil

Hon. Life Member.......H. R. H. Princess Alice

Hon. Life President......Mrs. G. M. Ambrose

Immediate Past President.Mrs. R. A. Pauley, 2148 Robie St., Halifax, N. S.

President................Mrs. George MacIntosh, 3194 Stanford St., Halifax, N. S.

Vice-Presidents..........Mrs. G. V. Dares, 66 Pleasent St., Dartmouth, N. S.

                  Mrs. James Harris, 39 Villa Ave., Charlottetown, P. E. I.

                  Mrs. J. E. Lane, All Saints Rectory, E. Saint John, N. B.

                  Mrs. Archibald MacKeigan, Glace Bay, N. S.

                  Miss Miriam Morris, Weymouth, N. S.

                  Mrs. V. McSweeney, 7 Bligh St., Dartmouth, N. S.

Recording Secretary......Mrs. J. C. Erving, 2231 Quinn St., Halifax, N. S.

Corresponding Secretary..Mrs. A. S. Carten, 6056 Fraser St., Halifax, N. S.

Treasurer...............Mrs. G. C. Brown, 419 Spring Garden Terrace, Spring Garden Road, Halifax, N. S.

Calendar Secretary.......Mrs. C. Beaver, 6281 Duncan St., Halifax, N. S.

Friend of King's.........Mrs. V. E. Fairn, 55 Lynn Drive, Dartmouth, N. S.

Hour 9.00 a.m.

BLDG. & ROOM	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
A & A 21	Psy. 1 (3)	Eng. 1 (1)	Psy. 1 (3)	Eng. 1 (1)	Psy. 1 (3)
130	Com. 2	Math 2 (7)	Com. 2	Math 2 (7)	Com. 2
231	Eng. 4	Math 1 (12)	Eng. 4	Math 1 (12)	Eng. 4
232	Fr. 1 (1)	Math 1 (13)	Fr. (1)	Math 1 (13)	Fr. 1 (1)
234	Hist. 1 (1)	Hist. 1 (4)	Hist. 1 (1)	Hist. 1 (4)	Hist. 1 (1)
201	Math. 1 (2)	Ger. 12	Math 1 (2)	Ger. 12	Math 1 (2)
202	Fr. 1 (2)	Fr. 1 (2)	Fr. 2 (1)	Fr. 1 (2)	Fr. 2 (1)
210	Sp. 1	Phil. 20	Sp. 1	Phil. 20	Sp. 1
212	Hist.	Eng. 1 (2)	Hist.	Eng. 1 (2)	Hist.
217	Math 1 (1)	Math 2 (1)	Math 1 (1)	Math 2 (1)	Math 1 (1)
218	Com. 6 (1)	Com. 6 (2)	Com. 6 (1)	Com. 6 (2)	Com. 6 (1)
222	Fr. 3 (1)	Fr. 2 (5)	Fr. 3 (1)	Fr. 2 (5)	Fr. 3 (1)
228	Ger. 14	Eng. 2 (1)	Ger. 14	Eng. 2 (1)	Ger. 14
345	Math.		Math.		Math.
303	Math.	Math	Math	Math	Math
325	Math.	Com. 5	Math	Com. 5	Math
234					
351	EC	EC	EC	EC	EC
CH. CT 19	Chem 1a	Bio. 1 (1)	Chem. 1a.	Bio. 1 (1)	Chem. 1a.
Gymn. 204	Phil.	Psych.	Phil.	Psych.	Phil.
Psy. Dept.	Psych.	Psych.	Psych.	Psych.	Psych.
A. Ann. 128	English	English	English	English	English
Dunn 101	Phys. 33	Phys. 36	Phy. 33	Phys. 49	Phys. 33
135	Phys. 48	Phys. 49	Phys. 48	Phys. 26	Phys. 48
117	Phys. 11 (1)	Phys. 26	Phys. 11 (1)	Physics	Phys. 11 (1)
228	Physics	Physics	Physics	Math 300 (2)	Physics
302		Math 300 (2)	Surv. 1	Mech. 3	Surv. 1
304	Surv. 1	Mech. 3	Geology	Geol. 3	Geology
318	Geology	Geol. 3			Ed. 2
Ed. 23 / 37	Ed. 2		Ed. 2		
For. 212					Biology
201	Biology	Biology	Biology	Biology	Biology
K. 1					

Hour 10.00 a.m.

BLDG. & ROOM	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
A & A 21	Eng. (1) (4)	Eng. 2 (3)	Eng. 1 (4)	Eng. 2 (3)	Eng. 1 (4)
130	Math 1 (5)	Com. 1 (3)	Math 1 (5)	Com. 1 (3)	Math 1 (5)
231	Eng. 21	Math. 1 (14)	Eng. 21	Math 1 (14)	Fr. 1 (3)
232	Fr. 1 (3)	Hist.	Fr. 1 (3)	Hist.	Hist. 1 (2)
234	Hist. 1 (2)	Psy. 23	Hist. 1 (2)	Psy. 23	Math 1 (3)
201	Math 1 (3)	Eng. 2 (2)	Math 1 (3)	Eng. 2 (2)	Fr. 2 (2)
202	Fr. 2 (2)	Fr. 2 (6)	Fr. 2 (2)	Fr. 2 (6)	Ger. 13
210	Ger. 13	Sp. A	Ger. 13	Sp. A	Hist.
212	Hist.	Eng. 1 (3)	Hist.	Eng. 1 (3)	Math 2 (2)
217	Math 2 (2)	Math 308 (2)	Math 2 (2)	Math 308 (2)	Hist. 1 (3)
218	Hist. 1 (3)	Phil. 1 (1)	Hist. 1 (3)	Phil. 1 (1)	Fr. 10
222	Fr. 10	Fr. 1 (4)	Fr. 10	Fr. 1 (4)	Math 1 (4)
228	Math 1 (4)	Fr. 3 (2)	Math 1 (4)	Fr. 3 (2)	Hist.
345	Hist.	Fr. 11	Hist.	Fr. 11	Math
303			Math		Sp. 2
325	Sp. 2	Rus. 2	Sp. 2	Rus. 2	Hist.
351	Hist.		Hist.		
CH. CT 19	Chem. 4	Chem. 2b	Chem. 4	Chem. 2b	
	Chem. 5	Chem. 2a	Chem. 5	Chem. 2	
Gymn. 204	Eng. 16	Psych.	Eng. 16	Psych.	
Psy. Dept.	Psych.	Psych.	Psych.	Psych.	Psych.
A. Ann. 128	English	English	English	English	English
Dunn 101	Phys. 39	Phys. 58	Phys. 39	Phys. 58	
135	Math 2 (3)	Math 320	Math 2 (3)	Mth 320	Math 2 (8)
117	Phys. 22	Bio. 1 (2)	Phys. 22	Bio 1 (2)	Phys. 22
228	Physics	Physics	Physics	Physics	Physics
302	Ec. 3	Mech. 2	Ec. 3	Mech. 2	Ec. 3
304	Geol. 1a	Geol. 2	Geol. 1a	Geol. 2	Geol. 1a
318	Geology	Geology	Geology	Geology	Geology
Ed. 23 / 37	Ed. 5		Ed. 5		Ed. 5
For. 212 / 201	Biology	Biology	Biology	Biology	Biology
K. 1	Psy. 25		Psy. 25		

Hour 11.00 a.m.

BLDG. & ROOM	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
A & A 21	Psy. 1 (1)		Psy. 1 (1)		Psy. 1 (1)
130	Psy. 28	Zoo. 42	Psy. 28	Zoo. 42	Ger. 11 (1)
231	Ger. 11 (1)	Ger. 11 (2)	Ger. 11 (1)	Ger. 11 (2)	Math. 1 (6)
232	Math 1 (6)	Fr. 1 (6)	Math 1 (6)	Fr. 1 (6)	Ec. 1 (1)
234	Ec. 1 (1)	Ec. 1 (2)	Ec. 1 (1)	Ec. 1 (2)	Ec. 1 (1)
201	Hist. 19	Ec. 2	Hist. 19	Hist. 19	Hist. 19
202	Fr. 2 (3)	Fr. 2 (7)	Fr. 2 (3)	Fr. 2 (7)	Fr. 2 (3)
210	Math 2 (6)	Math	Math 2 (6)	Math	Math 2 (6)
212	Math 2 (4)	Math 2 (8)	Math 2 (4)	Math 2 (8)	Math 2 (5)
217	Math 2 (6)	Math 1 (15)	Math 2 (5)	Math 1 (15)	Eng. 2 (4)
218	Eng. 2 (4)	Psy. 22	Eng. 2 (4)	Psy. 22	Fr. 1 (5)
222	Fr. 1 (5)	Rus. 1	Fr. 1 (5)	Rus. 1	Math 1 (7)
228	Math 1 (7)	Soc. 4	Math 1 (7)	Math 1 (7)	Lat. 2
345	Lat. 2		Lat. 2	Lat. 2	Math.
303	Math	Classics	Math	Classics	
325		Ger. 36		Ger. 36	
CH. CT 19	Chm. 1b	Chem. 1c	Chem. 1 b	Chem. 1c	Cheb 1 b
	Chm. 7	Chem. 9	Chem. 7	Chem. 9	
Gymn. 204	Phil. 2	Eng.	Phil. 2	Eng.	Phil. 2
Psy. Dept.	Psych.	Psych.	Psych.	Psych.	Psych.
A. Ann. 128	English	English	English	English	English
Dunn 101	Phys. 32	Phys.	Phys. 32	Math 308 (1)	Phys. 10
135	Phys. 47	Math 308 (1)	Phys. 47	Phys. 11 (2)	Phys.
117	Phys. 10	Phys. 11 (2)	Phys. 10	Phys.	Ec.
228	Phys.	Phys.	Phys.	Ec.	Mech. 5
304	Ec.	Ec.	Ec.	Mech. 5	Geol.
304	Mech. 5	Draw. 1	Mech. 5	Draw. 1	
318	Geol.	Geol.	Geol.	Geol.	
Ed. 23 / 37	Ed. 1		Ed. 1	Ed. 6	Ed. 1
For. 212 / 201	Biol.	Biol.	Biol.	Biol.	Biol.
K. 1	Soc.			Soc.	
A & A 314	El. Rus. (1)		El. Rus. (1)		El. Rus. (1)

Hour 12.00 a.m.

BLDG. & ROOM	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
A & A 21	Eng. 1 (5)		Eng. 1 (5)	Eng. 1 (11)	Eng. 1 (5)
130	Com. 4		Com. 4	Math. 2 (7)	Com. 4
231	Pol. Sc. 1		Pol. Sc. 1	Math 1 (12)	
232	Math 1 (8)		Math 1 (8)	Math. 1 (13)	Math 1 (8)
234	Zoo. 201		Zoo. 201	Hist. 14	Zoo. 201
201	Eng. 1 (7)		Eng. 1 (7)	Ger. 12	Eng. 1 (7)
202	Math. 1 (9)		Math 1 (9)	Fr. 1(2)	Math 1 (9)
210	El. Rus. (2)		El. Rus. (2)		El. Rus. (2)
212	Eng. 2 (5)		Eng. 2 (5)	Eng. 2 (5)	Eng. 2 (5)
217	Eng. 2 (6)		Eng. 2 (6)		Eng. 2 (6)
218	Eng. 1 (6)		Eng. 1 (6)	Com. 6 (2)	Eng. 1 (6)
222	Fr. 2 (4)		Fr. 2 (4)	Fr. 2 (5)	French 2 (4)
228	Eng. 2 (7)		Eng. 2 (7)	Eng. 2 (1)	Eng. 2 (7)
345	Math. 300 (1)		Math 300 (1)	Math.	Math. 300 (1)
303	Lat. 3		Lat. 3		
325	Ger. 22		Ger. 22		
351	Lat. A		Lat. A		Lat. A
				Biol. 1 (1)	
CH. CT 13	Chem. 6		Chem. 6		
					Ec.
Gymn. 204	Ec.		Ec.		
Psy. Dept.	Psych.		Psych.	Psych.	Psych.
A. Ann. 128	Com. 11		Com. 11		Com. 11
Dunn 101	Phys. 52		Phys. 52	Phys. 36	Phys. 34
135	Phys. 34		Phys. 34	Phys. 26	Classics 1
117	Classics 1		Classics 1	Physics	Physics
228	Physics		Physics	Math. 300 (2)	Ec.
302	Ec.		Ec.		
318	Geol.		Geol.	Geol.	Geol.
Ed. 23 / 37	Nur. 63	Nur. 63			
For. 212 / 201	Biology		Biology	Biology	Biology
K. 1	Math.		Math.		Math.

BLDG. & ROOM	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
A & A 21					
130	Eng. 2 (9)	Eng. 2 (3)	Eng. 2 (9)		Eng. 2 (9)
231	Soc. 1	Com. 1 (3)	Soc. 1		Soc. 1
232	Psy. 26	Math 1 (14)	Psy. 26	Ger. 11 (2)	
234	Phil. 4	Hist.	Phil. 4	Fr. 1 (6)	
201	Eng. 2 (10)	Psy. 23	Eng. 2 (10)	Ec. 1 (2)	Eng. 2 (10)
202	Fr. 1(7)	Eng. 2 (2)	Fr. 1 (7)	Ec. 2	Fr. 1 (7)
210	Pol. Sc. 15	Fr. 2 (6) / Sp. A	Pol. Sc. 15	Fr. 2 7) / Math.	Pol. Sc. 15
212	Eng. 2 (8)	Eng. 1 (3)	Eng. 2 (8)	Math. 2 (8)	Eng. 2 (8)
217	Eng. 1 (8)	Math. 308 (2)	Eng. 1 (8)	Math. 1 (15)	Eng. 1 (8)
218	Eng. 1 (9)	Phil. 1 (1)	Eng. 1 (9)	Psy. 22	Eng. 1 (9)
222		Fr. 1 (4)		Rus. 1	
228	Eng. 1 (10)	Fr. 3 (2)	Eng. 1 (10)		Eng. 1 (10)
345		Fr. 11			
303				Classics	
325	Fr. 52	Rus. 2	Fr. 52	Fr. 51	
351	Math.	Fr. 51	Math.		Math.
CH. CT 19	Psy. 1 (2)		Psy. 1 (2)	Chem. 1c	Psy. 1 (2)
Gymn. 204		Pol. Sc. 13		Pol. Sc. 13	
Psy. Dept.	Psych.	Psych.	Psych.	Psych.	Psych.
A. Ann. 128	English	English	English	English	English
Dunn 101		Phys. 54		Phys. 54	
135				Math. 308 (1)	
117	Pol. Sc. 1	Biol. 1 (2)	Pol. Sc. 1	Phys. 11 (2)	Pol. Sc. 1
228	Physics	Physics	Physics	Physics	Physics
302		Ec.			
304	Mech. 4		Draw. 2		Mech. 4
318	Geol.	Geol.	Geol.	Geol.	Geol.
Ed. 23					
37					
For. 212	Biol.	Biol.	Biol.	Biol.	Biol.
201	Biol.	Biol.	Biol.	Biol.	Biol.
K. 1					

Hour 2.30 p.m.

BLDG. & ROOM	MONDAY	MONDAY	WEDNESDAY	THURSDAY	FRIDAY
A & A 21					Nur. 62
130	Com. 1 (1)	Com. 6 (1)	Com. 1 (1)	Com. 6 (2)	Com. 1 (1)
231	History	History	History	History	History
232	Math. 1 (11)	Soc. 5	Math. 1 (11)	Soc. 5	Math. 1 (11)
234	Ec. 1 (4)		Ec. 1 (4)		Ec. 1 (4)
201	Pol. Sc. 9	Soc. 7	Fr. 31	Soc. 7	Fr. 31
202	Eng. 5	Eng.	Eng. 5	English	
210	History	Pol. Sc. 4	History	Pol. Sc. 4	History
212	Soc. 2		Soc. 2		
217	Com. 12		Com. 12		Com. 12
218					
222	Classics	Classics	Classics	Classics	Classics
228	Math. 1 (10)	Ec. 5	Math. 1(10)	Ec. 5	Math. 1 (10)
345		Fr. 33	English	Fr. 33	English
303	Gr. A	Gr. A	Pol. Sc. 9	Gr. A	Gr. A
325		Fr. 45	Fr. 40	Fr. 45	Fr. 40
351	History	Lat. A	History		History
CH. CT 19					
Gymn. 204					
Psy. Dept.	Psych.	Psych.	Psych.	Psych.	Psych.
A. Ann. 128	English	English	English	English	English
Dunn 101					
135					
117					
228					
302	Draw. 2				
304					
318					
Ed. 23					
37	Ed. 4	Ed. 4	Ed. 4	Ed. 4	
For. 212					
201					
K. 1					

BLDG. & ROOM	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
A & A 21	Nur. 76				Nur. 62
130	Com. 1 (2)	Com. 7	Com. 1 (2)		Com. 1 (2)
231	History	Phil.	History	Phil. 3	History
232		Pol. Sc.	English	Pol. Sc.	English
234					
201			Eng. 26		Eng. 26
202	Eng. 3		Eng. 3		Eng. 3
210	History	Classics	History	Classics	History
212	Pol. Sc. 2		Pol. Sc. 2		Pol. Sc. 2
217	Phil.		Phil.		
218					
222	Eng. 6		Eng. 6		Eng. 6
228	Fr. 30		Fr.. 30		Fr. 30
345	Math.	History	Math.	History	Math.
303	History	History	History	History	History
325		Fr. 50	Fr. 42	Fr. 50	Fr. 42
351	History		History		History
CH. CT 19					
Gymn. 204					
Psy. Dept.	Psych.	Psych.	Psych.	Psych.	Psych.
A. Ann. 128	English	English	English	English	English
Dunn 101					
135					
117					
228					
302			Com. 8		
304					
318					
Ed. 23					
37					
For. 212					
201					
K. 1					

Hour 4.30 p.m.

BLDG. & ROOM	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
A & A 21					
130	Com. 1 (W)	Com. 7	Com. 1 (W)		Com. 1 (W)
231	Com. 3	Phil.	Com. 3	Phil. 3	Com. 3
232	Pol. Sc.	Pol. Sc.	Pol. Sc.	Pol. Sc.	Pol. Sc.
234	Ec. 1 (3)		Ec. 1 (3)		Ec. 1 (3)
201					
202		Fr. 34		Fr. 34	
210	Classics		Classics		Classics
212	Eng. 9	Fr. 32 (1)	Fr. 32 (2)	Fr. 32 (1)	Fr. 32 (2)
217	Phil. 1 (2)		Eng. 9		Phil. 1 (2)
218			Phil. 1 (2)		
222		Eng. 7		Eng. 7	
228					
345	Math.		Math.		Math.
303	Classics	Classics	Classics	Classics	Classics
325			Fr. 35		Fr. 35
351	History		History		History
CH. CT 19					
Gymn. 204					
Psy. Dept.					
A. Ann. 128	English	English	English	English	English
Dunn 101					
135					
117					
228					
302			Com. 8		
304					
318					
Ed. 23					
37	Ed. 4			Ed. 4	
For. 212					
201					
K. 1					

BLDG. & ROOM	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
A & A 222	. . . .	. . . .	Sc. Rus.	. . . .	. . . .

Hour 7.30 p.m.

BLDG. & ROOM	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
A & A 21					
130					
231	Phil. 10	Fr. 2 (8)		Fr. 2 (8)	
232					
234					
201		Fr. 1 (8)		Fr. 1 (8)	
202	(Pol. Sc. 12		(Pol. Sc. 12		
210					
212					
217					
218					
222	Fr.		Fr.		Fr. . . . .
228					
345					
303					
325		Ger. 31		Ger. 35	
351					
K. 1	Soc. 7				

CALENDAR

ACADEMIC YEAR

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1964

SEPTEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

1965

JANUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

FEBRUARY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

MARCH

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

APRIL

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

MAY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					