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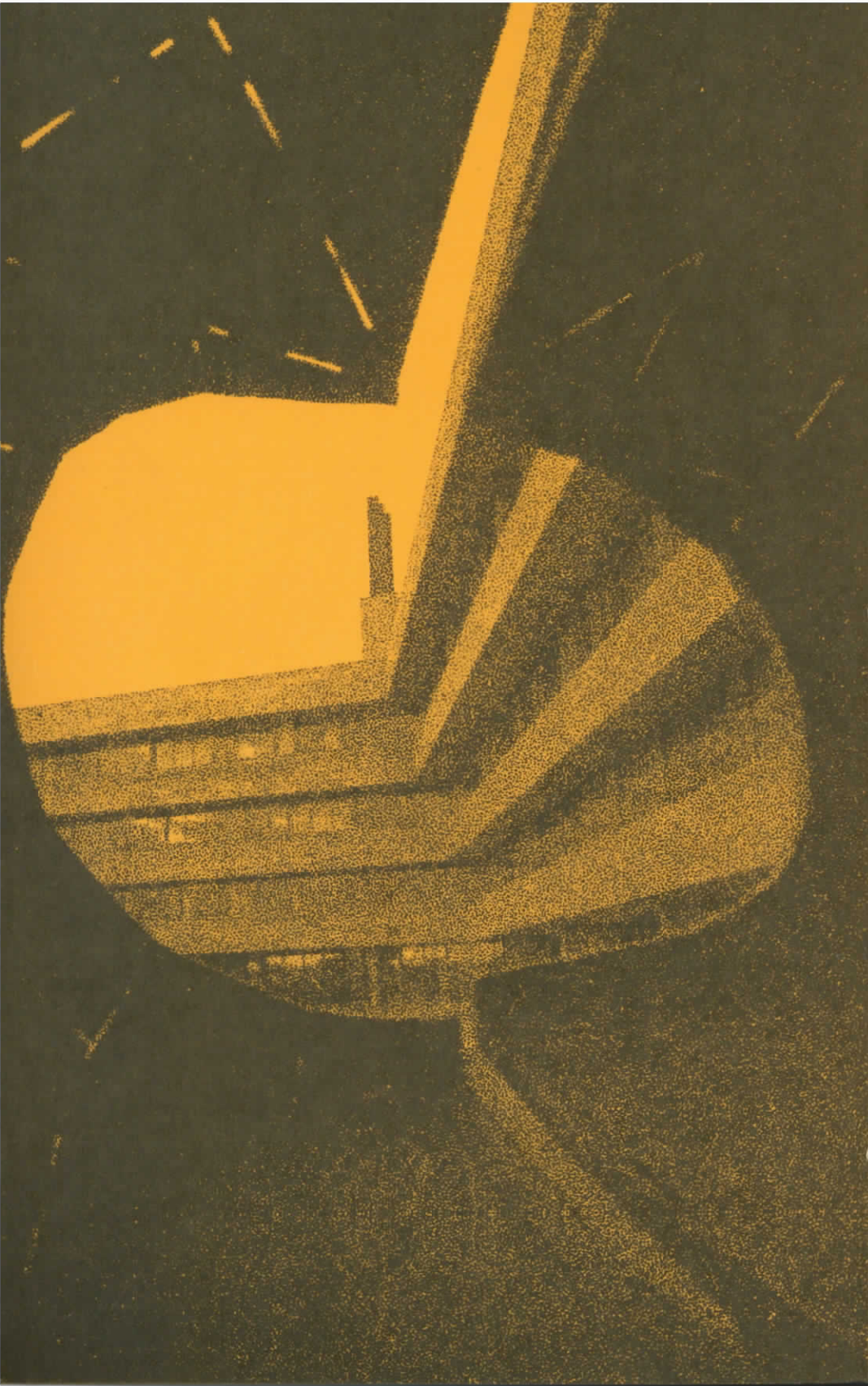
calendar
1971-72
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1971-72

RETURN TO : S415A
Convocation and
Student Records

1971-1972
Scarborough Calendar

UNIVERSITY OF TORONTO
SCARBOROUGH COLLEGE
faculty of arts and science
faculty of arts and science

UNIVERSITY OF TORONTO
SCARBOROUGH COLLEGE
faculty of arts and science
calendar 1971-72





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The Academic Calendar

1971

April 1	Last day for new and special students to apply for admission to the Summer Evening Extension Session.
April 1	Last day for receipt of applications for Early Admission to the September 1971-72 Full-Time Session. (Current Ontario Grade 13 students only are eligible for Early Admission.)
April 9	Good Friday (all classes cancelled).
April 17	No classes after this date. All term assignments should be completed by this date.
April 19	Annual examinations begin.
May 1	Last day for acceptance of registration forms for the Summer Evening Extension Session. After this date, a late fee of \$10.00 is charged, until May 8.
May 7	Annual examinations end.
May 8	Last day for acceptance of registration forms for the Summer Evening Extension Session with the \$10.00 late fee. After this date, a late fee of \$20.00 is charged, until May 15.
May 15	Last day for acceptance of registration forms for the Summer Evening Extension Session with the \$20.00 late fee. No registrations for this session are permitted after this date.
May 17	Summer Evening Extension classes begin ('Y' and 'F' courses).
May 24	Victoria Day (all classes cancelled).
May 26	Last day for making a change in a Summer Evening Extension Session 'F' course.
May 31	Last day for making a change in a Summer Evening Extension session 'Y' course.
June 1	Last day for receipt of applications from candidates seeking admission to the regular Full-Time Session September 1971-72.
June 1	<i>Last day for former students, not in attendance at the 1970-71 session, to apply to re-register in the session September 1971-72.</i>

June 1	Last day for students to request to transfer from Part-Time to Full-Time studies.
June 1	Last day for Full-Time students to request a College Transfer.
June 3	Scarborough College Commencement — 10:30 a.m.
June 11	Last day for withdrawal without academic penalty from a Summer Evening Extension Session 'F' course.
June 24	First half 'F' half-courses in the Summer Evening Extension Session end.
June 30	Last day for withdrawal without academic penalty from a Summer Evening Extension Session 'Y' course.
July 1	Dominion Day (all classes cancelled).
July 5	Summer Evening Extension Session 'S' courses begin.
July 10	Last day for students with supplemental privileges to apply to write the August examinations.
July 14	Last day for making a change in a Summer Evening Extension Session 'S' course.
July 30	Last day for withdrawal without academic penalty from a Summer Evening Extension Session 'S' course.
August 1	Last day for receipt of applications from candidates seeking admission to the Winter Evening Extension Session.
August 2	Civic Holiday (all classes cancelled).
August 13	Summer Evening Extension Session classes in 'Y' and 'S' courses end.
August 16-20	Supplemental and 1971 Summer Session Examinations.
September 6	Labour Day.
September 7	Registration of Full-Time 1st year students, A-K inclusive: 9:00 a.m. to 4:30 p.m.
September 8	Registration of Full-Time 1st year students, L-Z inclusive: 9:00 a.m. to 4:30 p.m.

September 9	Registration of Full-Time 2nd year students and 4th year (Scarborough Campus) students, 9:00 a.m. to 4:30 p.m.
September 10	Registration of Full-Time 3rd year students and 4th year (Scarborough Campus) students, 9:00 a.m. to 4:30 p.m.
September 10	Last day for acceptance of registration forms for the Winter Evening Extension Session without the late fee. After this date, a late fee of \$10.00 is charged, until September 18.
September 14	Registration of Full-Time 4th year (St. George Campus) students at Sidney Smith Hall, 9:00 a.m. to 12 noon.
September 14	The late registration fee will be enforced for Full-Time Students after this date.
September 15	Classes for the 1971-2 Academic Year begin at 9:00 a.m.
September 18	Last day for acceptance of registration forms for the Winter Evening Extension Session with the \$10.00 late fee. After this date, a late fee of \$20.00 is charged, until September 30.
September 30	No registrations for the Winter Evening Extension Session are permitted after this date.
October 11	Thanksgiving Day (all classes cancelled).
October 15	Last day for enrolling in Fall Term Half-Courses and Full-Year Courses.
October 15	Last day for receipt of applications for University of Toronto In-Course Bursaries.
October 31	Last day for receipt of applications for Ontario Student Awards (OSAP).
November 20	Last day for withdrawal from a Fall Term Half-Course without academic penalty.
November 20	All Full-Time Students must confirm their programmes, in person, with the Registrar's Office by this date. After this date, a late fee of \$1.00 per day (maximum \$20.00) will be charged.
November 26	Fall Convocation.
December 15	Last day of classes. All term assignments should be submitted by this date.

December 16, 17, 20, 21	Examination period for Fall Term Half-Courses.
December 21	Term ends at 5 p.m.

1972

January 3	Second term begins. Classes commence at 9:00 a.m.
January 15	Last day for receipt of applications for Scarborough College bursaries.
January 20	The second term instalment of fees must be received by this date.
February 1	Last day for enrolling in Spring Term Half-Courses.
February 13-19	Reading Week (all classes cancelled).
February 15	Last day for withdrawal from Full-Time Studies without academic penalty and for transfer from Full-Time Studies to a Part-Time Programme.
February 15	Last day for withdrawal from a Full-Year Course or a Spring Term Half-Course without academic penalty.
March 31	Good Friday (all classes cancelled).
April 7	Last day of classes.
April 14	All term assignments should be submitted by this date.
April 17	Annual examinations begin.
May 5	Annual examinations end.
May 26	University Commencement begins.
June 1	Last day for receipt of applications from candidates seeking admission to the regular Full-Time Session, September 1972-73.
June 1	Last day for former students, not in attendance at the 1971-72 session, to apply to re-register in the session September 1972-73.
June 1	Last day for students to request to transfer from Part-Time to Full-Time studies.
June 1	Last day for Full-Time students to request a College transfer.

THE FACULTY OF ARTS AND SCIENCE AT SCARBOROUGH COLLEGE



The Faculty of Arts and Science at Scarborough College is a leading center for research and teaching in the fields of literature, history, philosophy, and the social sciences. Our faculty members are internationally recognized for their expertise and contributions to their respective fields. We offer a wide range of undergraduate and graduate programs, providing students with a rigorous and intellectually stimulating education. Our commitment to excellence is reflected in our high standards of academic achievement and our dedication to fostering a vibrant and inclusive learning environment.

Scarborough College is one of the eight colleges of the University, and all its students are members of the Faculty of Arts and Science, the largest of the twenty-seven schools and faculties in the University. Through the facilities of these eight colleges an enormous and diverse range of academic courses are available to students.

Scarborough College, physically at a distance from the St. George campus, never intended merely to duplicate what is offered on that campus. Instead the College, with the full approval of the Faculty, has set out to create a distinctive and interesting academic programme. Because the College is self-contained on its own campus, because the design of the building tends towards a greater intimacy than is usual elsewhere in the University, and because of the sense of academic community that derives from this, the College has continually worked to find ways in which it can benefit from this closeness between faculty and students, and between the various disciplines taught in the Faculty. The result has been a broad movement towards the development of interdisciplinary studies, the like of which has not been attempted elsewhere in the University.

Not only does the College embrace the better features of the New Programme of the Faculty: the disappearance of the distinctions between Arts and Science students, between General and Honours students; it, alone among the colleges, has abandoned the year system, whereby students were obliged to complete three or four distinct years in proceeding towards their degree. As well as being permitted complete freedom of selection of subjects in their programmes, students may also enrol in courses of varying degrees of seniority and complexity, and are thus able to put together any one of a large number of interdisciplinary programmes.

Under the old programme of the Faculty of Arts and Science, a student was given little freedom but was streamed, in his second year, into an area of concentration. With the tendency away from the old traditional programmes of specialization, and with the vastly greater freedom offered by the New Programme, the student is given an added burden of responsibility. For now, it is he who must decide what and to what degree his area of specialization will be. The College urges, and helps, its members to exercise this responsibility with discretion, and to avail themselves of as much counselling as they need in order to obtain a satisfying and useful degree.

Application, Admission and Registration

Full details of the University of Toronto Undergraduate Admission requirements and application procedures are contained in the Undergraduate Admission Handbook 1971-2 (for students presenting Canadian qualifications) and the Undergraduate Admission Bulletin 1971-2 (for students presenting qualifications other than Canadian). Copies of the former publication are available in all Ontario Secondary Schools, and both booklets may be obtained on request from the Director of

Admissions, Simcoe Hall, University of Toronto, Toronto 181, to whom all enquiries concerning admission to full or part-time studies should be directed. The standard required for admission to part-time studies is the same as for admission to a full-time degree programme.

Application Procedures

(a) **Full-time Studies:** As the University of Toronto operates on an academic year system, admissible candidates proceeding as full-time students may begin a degree programme only in September. Candidates currently enrolled in Ontario Grade 13 should obtain application forms from their High School Guidance Office. All other candidates should first write to the Office of Admissions, specifying their interest in Scarborough College and giving full details regarding their academic standing.

(b) **Part-Time Studies:** Through the Division of University Extension at Scarborough College, students are enabled to study for degrees on a part-time basis. As from September 1971, the Scarborough College academic timetable will run each day from 9:00 a.m. to 10:00 p.m. and part-time students may request enrolment in any course offered, regardless of the time of day. Courses are also offered in a Summer Evening Session each academic year. A degree course may be begun at either session. All candidates intending to take their degree course through the Division of University Extension at Scarborough College should make application to the Office of Admissions, University of Toronto.

General Admission Requirements

A radical change in entrance requirements becomes effective in 1971. Applicants are strongly advised to consult the publications of the Office of Admissions mentioned above. The basic requirements are listed below.

Basis of Admission

Entrance to the first year of the undergraduate programme is offered to candidates from Ontario Secondary Schools who demonstrate good standing, based upon the following evidence:

1. Completion of Secondary School studies, including a full year of academic work at the Grade 13 level.
2. A recommendation by the Secondary School last attended regarding fitness for University studies.
3. A complete academic report of the three final years of Secondary School.
4. Results of standardized tests offered by the Service for Admission to College and University.

Candidates offering programmes of equivalent standing from another educational system should contact the Office of Admissions who will answer all enquiries relating to equivalent certificates.

Mature Students

Applicants twenty-four years or over, residents of Ontario for at least one year, who have a sound academic record, will be considered for admission to the Faculty of Arts and Science as mature students upon completion with high standing of one of the Pre-University courses offered by the Division of University Extension (or an equivalent course). Persons wishing to apply as mature students should consult the Office of Admissions about their eligibility before undertaking one of the Pre-University courses, since successful completion of a Pre-University course does not in itself ensure selection.

Pre-University Courses

These courses are designed to assist persons who wish to be considered for admission to the University of Toronto as Mature Students or who desire preparation for more advanced courses. They are similar to Grade 13 courses, but require the type of performance that will be expected of applicants in the first year of University study. Courses are offered in English, History, Mathematics, Physics and Chemistry. The fee is approximately \$100 per course. A brochure giving additional information is available upon request from the Division of University Extension, 84 Queen's Park, University of Toronto.

Summary of Application Dates

Applications for admission should be submitted as early as possible in the year for which the applicant seeks admission, and not later than the dates below.

1 April, 1971	Last day for receipt of applications to be considered for early admission. (Early admission is offered only to currently enrolled Ontario Grade 13 students wishing to enter full-time studies.)
1 April, 1971	Last day for receipt of applications for the Summer Evening Extension Session (not open to students currently enrolled in full-time Ontario Grade 13 courses).
1 June, 1971	Last day for receipt of applications to be considered for the regular full-time programme beginning September, 1971.
1 August, 1971	Last day for receipt of applications from candidates wishing to begin their degree programme as part-time students in the Winter Session beginning September, 1971.

Registration

(a) Full-Time Students

For the session 1971-2, students are free to select their courses at any time from the beginning of April onwards. Thus, returning students will be able to procure counselling and information concerning courses before the summer exodus, and first year students, as soon as they are admitted, will be able to plan their programme during the more leisurely months of July and August. Since enrolment in many courses is severely limited, all students are urged to stake their claims as early as possible. Course changes may be effected at any time after the initial selection of courses until Friday, 27 August, 1971. Course changes will not be accepted from 28 August, 1971, until Wednesday, 15 September, 1971. Students are urged to avoid leaving course selection until the official registration period, the dates of which are given below. During this time, students must produce receipted fee forms and receive their Admit-to-Lecture and Library cards. Course changes can be made from Wednesday, 15 September until 15 October, 1971. Full details of the registration procedures are available from the Registrar's Office. Details of registration will be supplied to all new students upon admission. The College urges you in your own interest to select your courses as early as you are able. The dates of the registration period now follow. Please attend on the day specified for your year.

Tuesday	7 September	9:00-4:30	1st Year A-K
Wednesday	8 September	9:00-4:30	1st Year L-Z
Thursday	9 September	9:00-4:30	2nd Year
Friday	10 September	9:00-4:30	3rd Year
Thursday Friday	9 or 10 September	9:00-4:30	4th Year (All students taking a full 4th Year programme at Scarborough College)

Scarborough College students taking their fourth year on the St. George Campus will register at Sidney Smith Hall between 9:00 a.m. and 12 noon on Tuesday, 14 September, 1971.

(b) Part-Time Students

Part-Time students do not register in person, but by mail. After his initial admittance to the University of Toronto, the part-time student is required to register for each course in each session that he wishes to take. Thus, registration is repeated prior to the start of every session. Newly admitted students will receive a registration form in the mail

together with their letter of admission from the Director of Admissions. The currently enrolled part-time student will receive a registration form in the mail before each session. On this form, the student specifies the course(s) in which he wishes to enrol and the campus where these courses are being given. Instructions concerning the preregistration of Part-Time students are reproduced on the registration form itself. A part-time student may take courses on more than one campus during the same session. The top copy of the registration form, when completed, should be mailed to the Office of the Registrar at Scarborough College if a course is to be taken here. The remaining copies of the form should be mailed to the Office of the Comptroller, together with the fees for the courses to be taken.

Fees

The cost of each full-year course is \$95.00.

The cost of each half-year course is \$47.50.

In addition, each student pays \$2.00 per session to the Association of Part-Time Undergraduate Students (A.P.U.S.) for the maintenance and furtherance of the services provided for part-time students by their own association. Also, in the Summer Evening Session only, students are required to pay an additional \$2.00 for the Student Activity Fee. Late registration fees are charged according to the chart given below. Course fees and the Student Activity Fee are paid in full before each session. Cheques and Money Orders should be made payable to the University of Toronto.

A.T.L. Cards

To show that his registration has been accepted, each student will receive in the mail, his Admit-to-Lectures card, from the Registrar's Office at Scarborough College. Any change in the information on this card (i.e. the name and address of the student) should be reported immediately to the Registrar's Office at Scarborough College, in writing.

Summary of Registration Dates

Summer Evening Session 1971	Winter Session 1971/72	
1 May	10 September	Last day for acceptance of registration forms without late fee. After these dates, a late fee of \$10.00 is charged until 8 May or 18 September, as appropriate.
8 May	18 September	Last day for acceptance of registration forms with \$10.00 late fee. After these dates a late fee of \$20.00 is charged, until 15 May or 30 September, as appropriate.

15 May	30 September	Last day for acceptance of registration forms with \$20.00 late fee. After these dates, registration for the respective sessions is not permitted.
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General Regulations for Part-Time Students

Course Changes and Withdrawals

Should a student find it necessary to change his course(s) or withdraw at any stage, he should advise the Registrar's Office at Scarborough College, in writing. Students should consult the Academic Calendar at the beginning of this book to ascertain the date by which such adjustment may be made without academic penalty.

Refunds

In order to become eligible for a refund of fees upon withdrawing from a course, the student must write to the Registrar at Scarborough College stating specifically the date of his last attendance in the lecture(s) concerned. If the student is no longer registered in any course that session, he should return his Admit-to-Lectures card at the same time.

A student is allowed a maximum of four weeks from the date of withdrawal to give notice. If he fails to follow the above instructions, the amount of the refund may be reduced proportionately. In case the student neglects to state the date of withdrawal, the postmark of his letter will be used as the effective date. Merely ceasing to attend lectures, or informing the instructor, though it is courteous to do this, does not constitute official withdrawal.

Schedule of Refunds

Winter Session

Full Courses:

For students withdrawing between the first day of classes and December 31, \$47.50.

For students withdrawing on or after January 1, no refund.

Half Courses:

For students withdrawing in the first six weeks of classes, \$23.75. For students withdrawing after the first six weeks of classes, no refund.

Summer Evening Session

Full Courses:

For students withdrawing between the first day of classes and June 30, \$47.50.

For students withdrawing on or after July 1, no refund.

Half Courses:

No refund.

Counselling

It is the responsibility of students to ensure that they register in courses, the combination of which comply both with course pre- and corequisite requirements, and also with the degree regulations. To assist students in this, the Registrar's Office is pleased to arrange appointments. Please call 284-3292, Student Services Office, for such assistance.

Academic Regulations

Regulations are subject to change; students are encouraged to consult with the Registrar's Office at any stage of their university careers.

Programmes of Study

Each student designs his own academic programme by selecting in each year five courses that suit his interests. Any course may be selected, provided that all prerequisite and corequisite requirements are fulfilled. Two half-courses are equivalent to one year course.

One or two extra half courses or one extra year course may be selected each year. The standing obtained in the extra course will be recorded on the student's transcript; but, the course will not be credited towards the degree requirements.

First Year Programme

To complete a first year programme, a student must obtain standing in five courses.

Where a first year student fails *one* A-level course, but earns a term mark of at least 60% in that course, the student will be permitted to write a supplemental examination. Failure in a supplemental examination will not count as a second failure, but will necessitate re-enrolment in the failed course or in a substitute.

Second Year Programme

To complete a second year programme, a student must obtain standing in ten courses, including at least three B-level or C-level courses. (A student may select any number of A-level courses in second year, provided that at least three B-level or C-level courses are completed by the end of second year.)

Third Year Programme

To complete a third year programme, a student must obtain standing in fifteen courses, including at least eight B-level or C-level courses. (A student may select any number of A-level courses in third year, provided that at least eight B-level or C-level courses are completed by the end of third year.)

The student must earn final marks of 60% or better in at least eight of the fifteen courses. These eight must include at least four of the B-level or C-level courses.

The Three Year Degree

A student may choose to receive his Bachelor of Arts or Bachelor of Science degree upon completion of the third year programme. (Alternatively a student may choose to proceed to a fourth year programme.) A student who chooses to receive his degree upon completion of the third year programme must notify the College Registrar to that effect, by 15 February. A special form for this purpose will be mailed to students during the academic year.

A student who chooses to receive his degree upon completion of the third year programme will have the designation "Bachelor of Arts (Three Year)" or "Bachelor of Science (Three Year)" on his transcript.

The Three Year Degree in Science

To qualify for a Bachelor of Science degree on completion of the third year programme, a student must obtain standing in at least six B-level or C-level courses offered in the following disciplines:

Astronomy	Mathematics
Biological Science	Physics
Chemistry	Psychology
Geography (Selected Courses).	

The following courses in Geography may be credited towards the Bachelor of Science degree:

GGRB02Y	GGRC05F
GGRB03Y	GGRC06S
GGRB07Y	GGRC08F
GGRC01Y and GGRC07Y,	for students researching or reading in appropriate, scientific areas of Geography.

Fourth Year Programme

A student who has completed the requirements for the three year degree may enter the fourth year programme.

To complete a fourth year programme, a student must complete an additional five courses, including no more than one A-level course.

The student must earn final marks of 60% or better in at least four of the five additional courses.

A student must complete the additional requirements of the fourth year programme in the first six courses attempted.

The Four Year Degree

A student who has completed a fourth year programme will receive a Bachelor of Arts or Bachelor of Science degree (unless he has already received his degree upon completion of his third year programme). The designation "Bachelor of Arts (Four Year)" or "Bachelor of Science (Four Year)" will appear on his transcript.

The Four Year Degree in Science

To qualify for a Bachelor of Science degree upon completion of a fourth

year programme, a student must obtain standing in at least nine B-level or C-level courses offered in the following disciplines:

Astronomy	Mathematics
Biological Science	Physics
Chemistry	Psychology
Geography (Selected Courses)	

The following courses may be credited towards the Bachelor of Science degree:

GGRB02Y	GGRC05F
GGRB03Y	GGRC06S
GGRB07Y	GGRC08F

GGRC01Y and GGRC07Y, for students researching or reading in appropriate, scientific areas of Geography.

Refusal of Further Registration

A student will be refused further registration in the Faculty of Arts and Science if:

- 1) he fails four courses of the first ten courses attempted; or if
- 2) he fails five courses of the first fifteen courses attempted; or if
- 3) he fails six courses; or if
- 4) he fails to satisfy the requirements for a three year degree in the first twenty courses attempted.

A student is liable to be refused registration in the Faculty of Arts and Science for one year if he fails two or more courses at the first attempt: in any year. (Refusal of registration for one year is necessitated by enrolment limitations. Where a student fails two or more courses in any year, the Faculty of Arts and Science will examine the student's academic record in the year and in previous years in order to determine whether or not the student will be refused registration for the next year.)

A student admitted as a mature student on probation will be refused registration in the Faculty until he meets full Grade XIII admission requirements if he fails two or more courses of the first five courses attempted.

Failed supplemental examinations in first year do not count as second failures.

Students are required to attend lectures, seminars, laboratories and examinations in all of their courses. A student whose attendance at lectures, seminars or laboratories, or whose work is deemed to be unsatisfactory by the Council of the Faculty of Arts and Science may have his registration cancelled at any time by the Council.

General Regulations For Standing

A full-time student will normally be expected to take a full programme of studies (five courses) in the winter session of each year.

Under exceptional circumstances a student may petition the Faculty of Arts and Science for permission to withdraw without academic penalty from not more than one year course (or two half-courses).

A student may withdraw without academic penalty from an extra fall

term half-course at any time before 20 November, and may withdraw without academic penalty from an extra year course or spring term half-course before 15 February.

A part-time student will enrol in the Division of University Extension. An Extension student may take a maximum of three courses in the winter session and a maximum of two courses during the summer session.

A student may withdraw without academic penalty from his programme at any time until 15 February, except that credit will be retained for any fall-term half-course completed and discredit noted for any fall-term half-course failed if a student withdraws after 20 November.

Standing In A Course

The following scale of marks and grades will be used for all courses and half-courses:

80%-100%	Grade A	50%-59%	D
70%-79%	B	Below 50%	Fail
60%-69%	C		

The method of determining standing in each course will be decided by the Division offering the course. Where a final examination is required, it will be held in a special examination period.

In all A-level courses, final examinations are required. In an A-level course the term mark for the course will count as not less than one-third and not more than two-thirds of the final mark.

In the case of half-courses, standing must be obtained in each half-course attempted. Marks in two half-courses may not be averaged to produce standing in an equivalent whole course.

Examinations

Final examinations are normally required in all A-level courses. Final examinations may or may not be given in B-level and C-level courses, at the discretion of the instructor and the Division that offers the course. Final examinations in all fall-term half-courses will be held in the last week of classes in the fall term. Final examinations in year courses and spring-term half-courses will be held in the annual examination period in the last half of April and the early part of May. Final examinations in the summer session will be held in the August examination week.

Supplemental examinations are not permitted except in cases of aegrotat consideration (below) and in cases where a student in first year fails one A-level course, but has earned a term mark of 60% or better. A failed supplemental examination does not count as a second failure.

A student who is permitted to write a supplemental examination must complete a special application form, which will be mailed to him by the Faculty of Arts and Science. A student who is permitted to write a supplemental examination may apply to write that examination at one of several universities in Canada or at the University of London, England.

All original final examinations must be written at this University.

A student may rewrite examinations in one or more courses in which he has earned standing in order to seek to obtain a higher grade for external

purposes. A student may rewrite an examination only at the immediately following set of examinations. Students often apply to rewrite examinations in order to improve their prospects for admission to graduate or professional schools or in order to qualify for teaching certificates. The student's standing in the Faculty of Arts and Science is not affected by re-writing examinations in this manner. Both the original and the second grade are recorded on the student's transcript, and the student's overall grade for his year remains unchanged. Students must formally apply to re-write examinations for this purpose through the College Registrar and must pay a supplemental examination fee.

Aegrotat Consideration

If the ability of a student to complete a course is affected by illness or domestic problems, the student may enter a petition through the College Registrar for consideration by the Faculty of Arts and Science. If the Faculty decides that there are adequate grounds for the petition, the Division which offers the course will determine the status of the work done by the student and the steps, if any, that he must take in order to complete the course.

Petitions for aegrotat consideration must be entered no later than the last day of the fall, spring, or August examination period, as appropriate.

Petitions must be accompanied by a medical certificate which includes a statement that the student was examined at the time of illness, or must be accompanied by other appropriate evidence to support the petition.

Degrees

A student may receive only one degree in the Faculty of Arts and Science: Bachelor of Arts, Bachelor of Science, or (on the St. George Campus) Bachelor of Commerce.

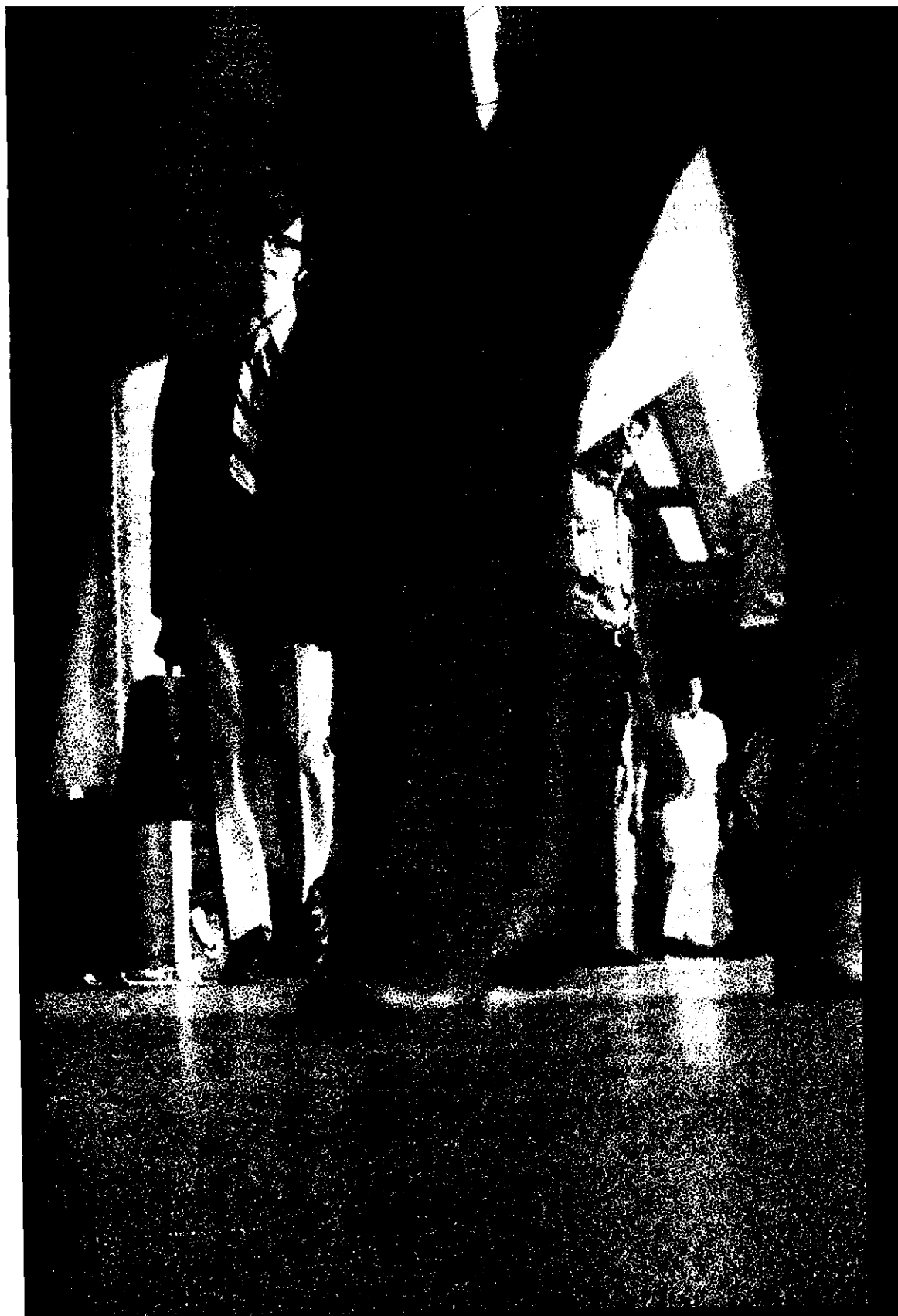
A student who chooses to receive his degree and diploma upon completion of a third year programme may not graduate again or receive another diploma at the end of a fourth year programme. However, it would be recorded on the student's transcript that he had completed the requirements for the four-year degree.

Transcripts

A copy of a student's transcript of academic record will be issued to the student at his request, subject only to reasonable notice and a nominal copying fee. Transcripts may be ordered from the Office of the Faculty of Arts and Science (First Floor, Sidney Smith Hall, St. George Campus, University of Toronto) on forms available from the office of the College Registrar.

Petitions

Any student who feels that he has a special case may petition the Faculty of Arts and Science requesting special exemption from the academic regulations. Petitions must be entered through the office of the College Registrar.



Fees

Sessional Fees

Fees have not yet been established for the 1971-72 session. However, to help students to make financial plans, fees for the 1970-71 session are listed below.

	Full Fee	First Instalment	Second Instalment
			(Due 20 January 1972)
Men	\$522.	\$287.	\$238.
Women	516.	281.	238.

Sessional fees include both the basic academic fee of \$470. and incidental fees for: the Scarborough College Student Society, the University of Toronto Students' Administrative Council, Athletics, Health Service, and (for men only) Hart House.

Either full fees or the first instalment of fees must be paid before a student is permitted to register. The second instalment must be paid by 20 January 1972. A late fee is charged to students who are late in paying the second instalment.

All University fees must be fully paid before a student may receive his examination results or be credited with standing in his year.

Payment of Fees

1) Full Fees or First Instalment:

Each student will receive a "fees form" through the mail sometime in August.

The fees forms plus a cheque for the full amount of fees or for the first instalment should be mailed or taken as soon as possible to

The Fees Department
Office of the Comptroller
215 Huron Street
Second Floor
University of Toronto
Toronto 181

If the student is unable to pay his full fees or his first instalment during the month of August, he should take his fees in person to the Fees Department or to the Registrar's Office at Scarborough College. Fees will be accepted at the College only during the month of September.

Fees must be paid by means of personal cheque or money order, payable to the University of Toronto. (Counter cheques cannot be accepted.) Cash will be accepted from students paying in person at the Fees Department. However, there are no facilities at the College for handling cash.

2) Deductions From Full Fees or First Instalment:

Students may deduct the following in making payment for full fees or for first instalments:

Deposits: A student who has been newly admitted to the University, and who has paid the twenty-five dollar deposit upon acceptance of his offer of admission, may deduct twenty-five dollars from his full fees or from the first instalment. The student must quote on his fees form the number of the receipt which will have been mailed to him.

Ontario Student Awards: A student may apply the loan portion only of his Ontario Student Award to pay some or all of his full fees or first instalment. A student who wishes to use his OSAP loan portion to pay his fees must enclose his "Student Award Statement" with his fees form and cheque (if any).

Scholarships: A student may apply to his fees any scholarship awarded by the University of Toronto or by Scarborough College, or awarded through the auspices of the Office of Student Awards of the University. A student who receives a scholarship or another award directly from agencies other than the University may not deduct the amount of the Scholarship from his fees.

A student who pays full fees in the fall may deduct the full amount of his scholarship. A student who pays only the first instalment in the fall may deduct up to one-half the amount of his scholarship.

3) Second Instalment:

The second instalment of fees must be paid on or before 20 January 1972.

Fees may be paid at either the Registrar's Office at the College or may be mailed or taken to the Fees Department on the St. George Campus.

Fees must be paid by means of personal cheque or money order, payable to the University of Toronto. (Counter cheques cannot be accepted.) The student should print neatly on the back of his cheque his: name, address, student number and "Scarborough College".

4) Use of OSAP Grant Portions to Pay the Second Instalment:

Ontario Student Award grant cheques cannot be released until the student has paid the second instalment of his fees. Consequently a student who wishes to receive his grant cheque (normally available at the end of January) is encouraged to ensure that his fees are paid early in January. Only if fees are paid early in January will the College receive clearance to release the student's grant cheque when it arrives later in January. If a student is unable to pay his fees early in January, and will be receiving an OSAP grant later in January, the student is advised to pay his fees (by means of a personal cheque or money order only) at the Registrar's Office. A student who depends on the grant portion of his Ontario Student Award in order to pay his second instalment must bring to the College Registrar's office his personal cheque for fees when he comes to pick up his grant. His fees cheque will be held for three days to allow him time to deposit the grant cheque and to cover his cheque for fees.

Miscellaneous Fees

In addition to the sessional fees, there are a number of special fees and penalty fees.

1) Special Fees

Application for Admission Fee: A ten dollar fee is required of all applicants who are not currently full time students in a Canadian High School, or who have not registered in a previous session at the University of Toronto.

Special and Supplemental Examination Fees: Students who are permitted to write supplemental examinations must pay a fee of ten dollars for a supplemental examination in one course and five dollars for supplemental examinations in each additional course. Students who write supplemental examinations at special examination centres outside Toronto must pay an additional fee of five dollars per course. Students who are granted permission to write special examinations must pay a fee of ten dollars per course. Students who petition successfully for the re-check of marks in a failed final examination must pay a fee of five dollars which is refunded if an error is found.

2) Penalty Fees:

Late fees are required of students who fail to complete on time certain University procedures.

Late Registration Fee: A student who registers after the final day of the registration period must pay a late fee of ten dollars plus one dollar for each day of delay, to a maximum of twenty dollars.

Fee for Late Confirmation of Programme: Each student is required to confirm the College's record of his programme and to apply for final examinations in his courses by 20 November of each year. A student who completes these procedures late is subject to a late fee of one dollar per day, to a maximum of twenty dollars.

Fee for Late Payment of the Second Instalment of Sessional Fees: Each student is required to pay the second instalment of his fees by 20 January of each year. A student who is late with his second instalment must pay a late fee of three dollars per month, to a maximum of ten dollars.

Counselling

The College is continually seeking more effective means of academic and non-academic counselling. Academic counselling is supplied voluntarily by many members of the Faculty who arrange with the Registrar hours at which they can be reached. Since, during the summer, many Faculty leave the College for research purposes, students are urged to procure counselling in April and May or after 15 September. We do, however, attempt to ensure that newly admitted students are provided with academic counselling during July and August.

The Registrar's Office, besides providing a certain amount of academic counselling, also provides general counselling. The College also has a Student Services Office which provides information about medical, psychiatric and legal help, housing, employment, and advice about any of the problems that may confront a student. Students are invited to make full use of this Office either by dropping into Room S412A or by calling 284-3292.



Timetable and Course Descriptions

Winter Session 1971-2

Legend

M = Monday
W = Wednesday
F = Friday
L = Lecture
P = Practical Session
E = Classes commencing after 6:00 p.m.

T = Tuesday
R = Thursday
S = Saturday
T = Tutorial
/ = or

- 1) The letters A, B and C prefixed to course numbers indicate levels of complexity and degrees of specialization. A indicates an introductory course, while B and C indicate intermediate and advanced levels of study. Please refer to the section on Academic Regulations concerning the number of A, B and C level courses required in each programme of study.
- 2) The letters 'Y', 'F', 'S' and 'H' indicate respectively Full Year, Fall Term, Spring Term and Year-Long Half Courses.
- 3) Where two numbers appear beside a course, one ending in 'F', one in 'S', the course is given twice, once in each term. A student may take the course either in the Fall or Spring, but not at both times.
- 4) Written permission from the instructor is the only alternative to the prerequisites and corequisites listed. Such permission must be attached to the course selection form.

Anthropology

ANTA01Y 2L:M12W1/R7ER8E 1T:M9/M10/M11/ W9/W10/W11/ R9/R11/R12/ F9/F10/F11/ R5/R6E/R9E	ANTB05F 2L:T1W1 1T:W3/F1/F2
ANTA02F 2L:T2R12 1T:T3	ANTB06F 2L:R2F2 1T:R3/F1
ANTA03S 2L:T2R12 1T:T4/R10	ANTB08F 2L:M12T12 1T:W12
ANTB01F 2L:M11W9 1T:F10/F3	ANTB09S 2L:T12R12 1T:T5
ANTB02S 2L:M1W1 1T:T9/T10/T11/T12	ANTB10S 2L:R2R3
ANTB03F 2L:M4R4 1T:M11/W3/W4	ANTB11F 2L:M4W4 1T:F11
ANTB04F 2L:M3R1 1T:R3/R4/R5	ANTB12S 2L:M4W4 1T:F11
	ANTB14S 2L:M10W2 1T:W3/F3
	ANTB15Y 2L:M12W12 2P:M4M5/W4W5

ANTB18F 2L:W10/R11 1T:R9/R1	ANTC03F Arrange with Instructor
ANTC02S Arrange with Instructor	ANTC04S Arrange with Instructor

MTWRFS (week days), E (classes commencing after 6 p.m.) L (lecture), T (tutorial), P (practical sessions).

Anthropology literally means the study of man. As a discipline it examines human phenomena in both its biological and socio-cultural aspects. The subject has 4 major sub-disciplines. The present curriculum offers courses in 3 of these: Physical Anthropology, Social and Cultural Anthropology and Prehistoric Archaeology. The fourth, Anthropological Linguistics, will be presented as future staffing permits, although the student should be aware of the linguistics courses available in Humanities. Any student wishing to specialize in Anthropology should discuss his program with a member of the Anthropology faculty.

ANTA01Y Introduction to Anthropology

An introduction to the fields of Anthropology through which the student will obtain the anthropological view of the nature and diversity of man. The first term takes up Physical and Prehistoric Anthropology concentrating on the biological basis and the evidence for human physical evolution, and the archaeological evidence for the origin and growth of culture. The second term will deal with the comparative study of the family, economics, politics and religion in non-industrial societies.

Year Course/Prerequisites: None/Corequisites: None
Instructor: Schroeder

ANTA02F Political and Economic Anthropology

A general survey of the problems of production, exchange and distribution in Anthropology, and the role of political systems in a largely "developmental" framework.

Fall Course/Prerequisites: None/Corequisites: None
Instructor: Shirley

ANTA03S Social Organization

"Kinship is to Anthropology what logic is to Philosophy or the nude is to art; it is the basic discipline of the subject." (Fox). The purpose of the course is to teach something about the species *Homo sapiens* by analysing variations in social structure.

Spring Course/Prerequisites: None/Corequisites: None
Instructor: Hopen

ANTB01F Cultural Ecology

A discussion of the reticulate inter-relationships of human populations differing in culture, social organization and technology and their environment. Material will deal with variables in four broad sub-areas, systems of food production, patterns of disease, ecological

aspects of warfare and anthropological demography. Cases will be drawn largely, but not exclusively, from non-industrialized societies.
Fall Course/Prerequisites: None/Corequisites: None
Instructor: Knight

ANTB02S Anthropology of Religion

A cross-cultural study of systems of belief and myths concerning spiritual beings and the cosmos; of social actions, rights and obligations arising out of man's postulated dependence on such beings; and of magic, curing, witchcraft and sorcery.
Spring Course/Prerequisites: ANTA01Y/Corequisites: None
Instructor: Hopen

ANTB03F The Americas: An Anthropological Perspective

A discussion of the origin and development of Native cultures in the New World, with particular emphasis upon changes due to European contact. The course will also focus upon the larger problem of patterns of race in the Americas. Emphasis will be on Latin America, but not to the exclusion of related aspects in North America.
Fall Course/Prerequisites: None/Corequisites: None
Instructor: Shirley

ANTB04F The Canadian Indian

A consideration of Canadian Indian communities as they have developed during the last twenty-five years in isolated areas, on reserves, and in cities. Basic data on the legal, political, and economic position of the Indian population will be presented along with more detailed study of socio-cultural patterns in a range of communities. The comparison of Indian and certain other subcultures in Canada and consideration of the analogous positions of native peoples in certain other countries.
Fall Course/Prerequisites: ANTA01Y/Corequisites: None
Instructor: Knight

ANTB05F Social Anthropological Study of Africa

After a review of certain cardinal social and cultural background features of the continent, a more intensive study of comparative religion will be made. Hopefully, guest lecturers will help round out the perspective.
Fall Course/Prerequisites: None/Corequisites: None
Instructor: Hopen

ANTB06F Cultures of Oceania

In Oceania many small societies with highly diverse cultures have developed in comparative isolation. The course will survey their kinship structures, economics, political systems, religions and art, drawing from an extensive literature much of which, because of its theoretical importance, is basic for the study of general Anthropology.

Fall Course/Prerequisites: None/Corequisites: None
Instructor: Schwimmer

(ANTB07S Comparative Slavery)

Course not offered in 1971-2. An examination of "slavery" as an institution in several areas of the world, including Brazil, Africa, the Caribbean, and the United States. An effort will be made to examine the modern consequences of slavery as well.
Spring Course/Prerequisites: None/Corequisites: None

ANTB08F Anthropology of Development

An analysis of problems of development and underdevelopment in the world, including the problems connected with "secondary development" in industry and politics. The main focus will be on Latin America though not to the exclusion of other areas, such as Canada.
Fall Course/Prerequisites: None/Corequisites: None
Instructor: Shirley

ANTB09S History of Ethnological Theory

A seminar discussion course on basic problems and methods in Anthropology. A short survey of past and present anthropological theory will be presented and current schools of thought debated.
Spring Course/Prerequisites: None/Corequisites: None
Instructor: Schwimmer

(ANTB10S Action Anthropology)

Course not offered in 1971-2. For some years anthropologists have used their knowledge of human societies in attempts to solve "practical" problems. The course will offer an opportunity to do some fieldwork, define some problems existing in the groups investigated and consider possible solutions to these problems.
Spring Course/Prerequisites: ANTA01Y/Corequisites: None

ANTB11F Man in the Pleistocene

The evolution of man in the Pleistocene. A review of the evidence and chronological framework for man's physical and cultural development during his first two million years.
Fall Course/Prerequisites: None/Corequisites: None
Instructor: Schroeder

ANTB12S Man in the Holocene

The evolution of culture in the post-Pleistocene period. A study of the enormous cultural changes that led to the Neolithic and Urban Revolutions and the beginnings of civilization. Archaeological evidence for these transformations will be reviewed in both the New and Old Worlds.
Spring Course/Prerequisites: None/Corequisites: None
Instructor: Schroeder



(ANTB13Y Methods and Principles of Archaeology)

Course not offered in 1971-2. Consideration of the techniques by which an archaeologist collects and analyses prehistoric data for the reconstruction and study of culture history.

Year Course/Prerequisites: Permission of instructor/*Corequisites:* None

ANTB14S Human Evolution

Man's place within the Order Primates is analyzed and his phylogeny traced. The course emphasizes the issues and controversies that form the theoretical framework to the understanding of the fossil evidence. Books of readings on and relevant to the topic substitute for a single text. Class discussion and presentation of assigned readings are expected. Laboratory sessions permit the student to examine fossil cast materials.

Spring Course/Prerequisites: ANTA01Y or ANTB15Y or BIOB14Y

Corequisites: None

Instructor: Burton

ANTB15Y Introduction to Physical Anthropology

Introduction to Physical Anthropology surveys Man's Place in Nature: his origin (fall) and ongoing evolution (spring). Basic to the course is an understanding of the Synthetic Theory of Evolution and the principles, processes, evidence and application of the Theory. Three hours of laboratory per week acquaints the student with the methods and materials utilized by the Physical Anthropologist.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Burton

(ANTB16S Ethnic Cultures of Canada)

Course not offered in 1971-2. A consideration of contemporary subcultures in Canada and how these have developed in the last forty years. Indigenous groups (Indian-Metis-Eskimo) and formerly immigrant groups, both rural and urban, will be treated in the same general framework. The course will attempt to place local and regional ethnic groups and subcultures in a national political and economic context.

Spring Course/Prerequisites: None/*Corequisites:* None

(ANTB17F Complex Societies)

Course not offered in 1971-2. An examination of the different forms of social structure and cultural variation in modern complex societies, as well as analysis of how they change.

Fall Course/Prerequisites: None/*Corequisites:* None

Instructor: Shirley

ANTB18F Cultural Evolution

An examination of how cultural evolution has been viewed from the nineteenth century to the present and how such views relate to other approaches in Anthropology. Emphasis will be on contemporary

approaches with particular concern given to the mechanisms of cultural evolution. Cases are drawn largely from ethno-historical and ethnological studies.

Fall Course/Prerequisites: ANTA01Y/*Corequisites:* None

Instructor: Knight

ANTC02S Systems of Thought

One universal characteristic of men is to seek an explanation of the universe they perceive—to reduce it to some form of order and system. It is a matter of personal faith whether this cognitive activity is viewed as occurring under divine inspiration. It is for the anthropologist to apprehend the system of thought prevailing in the cultures he studies and to relate them to social, political and economic phenomena. It is also fruitful to relate different systems of thought to each other so as to obtain a comparative perspective consistent with the facts of ecology and culture history.

This course surveys the anthropological work done on these questions, especially since 1960. Some knowledge of anthropology will be assumed. Students will be expected to familiarize themselves with a few systems of thought evolved by non-literate societies.

Spring Course/Prerequisites: ANTB02S; permission of instructor.

Corequisites: None

Instructor: Schwimmer

ANTC03F Advanced Reading and Research in Anthropology

A course intended to permit the advanced student in Anthropology to pursue more deeply selected areas in one or several of the sub-disciplines of Anthropology. This will be planned in consultation with an interested instructor.

Fall Course/Prerequisites: One B-level course in Anthropology; permission of instructor/*Corequisites:* None

ANTC04S Advanced Reading and Research in Anthropology

See description for ANTC03F

Spring Course/Prerequisites: One B-level course in Anthropology; permission of instructor/*Corequisites:* None

Astronomy

ASTA02Y 2L:T9R2

1T:T10/T11/R11/R3

ASTA03Y 2L:T9R2

ASTB03H Arrange with

Instructor

MTWRFS (week days.) E (classes commencing after 6 p.m.) L (lecture), T (practical session).

The subject matter of Astronomy encompasses all of the observable universe from the limits of the earth's atmosphere to the most distant galaxies and quasars. With the advent of the "space age" the impact

of new astronomical discoveries has increased, not only on other fields of science but also on various aspects of public life. At Scarborough College the full extent of astronomical topics is covered in ASTA02Y (for science students) and ASTA03Y (for non-science students) while more advanced topics in astrophysics are dealt with in ASTB01Y and ASTB03H.

ASTA02Y A Survey of Astronomy and Elementary Astrophysics

This is a survey course covering all aspects of modern astronomy, and designed for students who are either taking a science programme or who have a background of Grade 13 Physics and Mathematics. The following topics will be covered: the solar system in detail, including the most recent space vehicle investigations; theories of the evolution of stars; radio and optical studies of the milky way; the discovery and significance of molecules in space; external galaxies; radio astronomy; radar astronomy; quasars and their significance; cosmology; pulsars; current satellite-born infrared, ultra-violet and x-ray observations, and some recent discoveries by these new observational methods.

Year Course/Prerequisites: Grade XIII Math A;

Grade XIII Physics/Corequisites: None

ASTA03Y Astronomy, Its History and Significance

A course designed primarily for students with a non-science background which contains a description of the extra-terrestrial universe and of the methods used (past and present) to explore it. In addition to a survey of basic astronomy, this course will also emphasize the history of man's evolving view of the universe. In the latter part of the course some possible effects of the space effort on contemporary society at the individual, national and international level will be analyzed. At the beginning of the course the early ideas on the cosmos will be discussed, from the Egyptian and Greek ideas up to the time of the Renaissance. The interrelation between ideas and discoveries about the universe and important historical epochs such as the Reformation, the Industrial Revolution, and 20th century technology will be discussed. These aspects of astronomy, both its history and its present impact, will be combined with a description of all aspects of astronomy including the latest discoveries of radio, and satellite based astronomy.

A minimum of mathematics will be used, and a number of essays connected with the topics above will be required for term work.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Kronberg

(ASTB01Y Topics in Astrophysics)

Course not offered in 1971-2. This course stresses the application of Physics and Mathematics to astronomical problems in five main areas:

1. Physics of the Solar System; the determination of the dynamics of the system and of planetary parameters such as mass and chemical composition;
2. Radiative Astrophysics; an introduction to radiative transfer and applications in both optical and radio astronomy;
3. The Structure and Evolution of Stars; a discussion of the equations which govern the lives of stars, and their observational verification;
4. The Structure and Evolution of the Solar System; results of the preceding sections as applied to our nearest star, the sun;
5. The Structure and Evolution of the Universe; an examination of the large-scale constituents of the Universe—galaxies and quasars—and the temporal behaviour of the system as a whole.

Year Course/Prerequisites: PHYA01Y; MATA01Y or MATA55Y

Corequisites: MATB41F

Instructor: Roeder

ASTB03H Readings in Astrophysics

A reading course in some topics of current interest in Astrophysics. The topics will be selected by the professor in consultation with the student. No formal lectures will be held but will be replaced by regular consultation between the student and professor. A mini-thesis will be submitted at the end of the winter term.

Year-Long Half Course/Prerequisites: PHYA01Y; MATA01Y or MATA55Y

Corequisites: None

Biological Science

NSCA02Y 2L:M10F11 1T:(every third week) T1/W9/W1/ T2/W10/W2	BIOB06Y 2L:M10W9 3P:W10W11W12
BIOA03Y 2L:T4R1/R7ER8E 3P:T9T10T11/ R2R3R4/ F1F2F3/ S9S10S11	BIOB07Y 2L:M10M11 3P:W10W11W12/ W2W3W4
BIOB02Y 2L:M12T9 3P:T2T3T4/ R9R10R11	BIOB08Y 2L:M2R1 3P:R2R3R4
BIOB03S 2L:M1T1 3P:T2T3T4	BIOB11Y 2L:M11R12 3P:W10W11W12
BIOB05Y 2L:W9R5 3P:M2M3M4/ W2W3W4	BIOB12Y 2L:M5W5 8P:(Fall term only) F9F10F11F12 F1F2F3F4
	BIOB13Y 2L:M12T9 3P:T2T3T4

BIOB14Y 2L:T5F4 3P:M2M3M4/ T9T10T11/ T1T2T3	BIOB19S 2L:M9T11 8P:(every third week) F9F10F11F12 F1F2F3F4
BIOB15F 2L:M1T1 3P:T2T3T4	BIOB20F 2L:T12W2 3P:R9R10R11/ R2R3R4
BIOB16Y 2L:M1T1 3P:R2R3R4/ F9F10F11	BIOC01F Arrange with Instructor
BIOB17Y 2L:M5W5 3P:T2T3T4/ R9R10R11	BIOC02S Arrange with Instructor
BIOB18F 2L:M9T11 8P:(every third week) F9F10F11F12 F1F2F3F4	BIOC03Y Arrange with Instructor

MTWRFS (week days), E (classes commencing after 6 p.m.)

L (lecture), T (tutorial), P (practical session).

The study of micro- and macro-organisms of both plant and animal (including man) origin, has developed rapidly as an experimental science since the latter part of the nineteenth century and particularly in the last decade. Modern Biology includes the study of both structure and function of all living organisms, involving the application of Chemistry, Physics and Mathematics. Studies of plant form and function have many practical applications such as the development of new varieties which improve food yield. Many life-saving drugs are derived from plant life. Studies of animal form and function have provided vital information pertaining to man and the study of plant and animal communities is essential in maintaining a balance in nature.

BIOA03Y Introductory Biology

This course is designed for students who intend to pursue further study in Biology or other Natural Sciences. It offers a thorough consideration of basic biological concepts as they pertain to both plants and animals. Lectures will emphasize the energetics of living systems, the transmission and function of genes, integrative functions, and the origin and evolution of life. Laboratory and discussion periods will supplement the lecture material.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Filosa

NSCA02Y Introduction to Natural Science: The Biological Sciences

This course is designed for students with no formal background in Biology, and in particular for those whose main interests are not in the Natural Sciences. It aims to present an integrated view of the bio-

logical basis of individuality, social structure and ecological systems. An understanding of problems of environment, resources, population and race is based on a core of biological knowledge. This will be examined in three central categories: Man, inheritance and society; Population and Resources; The Cybernetics of Ecosystems. Reading and essay writing will be an integral part of the course, supplemented by lectures and discussion periods.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Ritchie

BIOB02Y Basic Microbiology

This introductory lecture and laboratory course deals mainly with the general properties of bacteria, their structure, function, and relationship to man, employing selected organisms to demonstrate their significance in areas of industry and the health sciences. The latter part of the course presents a survey of bacterial and animal viruses, rickettsias and fungi.

Year Course/Prerequisites: BIOA01Y or BIOA02Y/Corequisites: None

Instructor: Kingsley

BIOB03S Phycology

A lecture and laboratory course on the ecology, physiology and biochemistry of the algae.

Spring Course/Prerequisites: BIOA01Y; BIOA02Y

Corequisites: CHMB05Y

Instructor: Sparling

BIOB05Y Genetics

A lecture and laboratory course in cytogenetics and the genetics of bacteria, fungi, and *Drosophila*.

Year Course/Prerequisites: BIOA01Y; BIOA02Y

Corequisites: CHMB05Y

Instructor: Filosa

BIOB06Y Plant Physiology

A lecture and laboratory course covering aspects of water relations, mineral nutrition, salt uptake and the growth and development of plants.

Year Course/Prerequisites: BIOA01Y; CHMA01Y/Corequisites: None

Instructor: Israelstam; Sparling

BIOB07Y Developmental Biology (Animal)

A lecture and laboratory course dealing with the molecular and cellular aspects of development, including the principles of development, and some control mechanism of cellular differentiation.

Year Course/Prerequisites: BIOA01Y or BIOA02Y

Corequisites: CHMB05Y

Instructor: Miyagi

BIOB08Y Invertebrate Zoology

A field-laboratory-lecture course dealing with the ecology, anatomy and evolution of invertebrate animals. Owing to restricted accommodation during the field study programme, the course is limited to a maximum of fourteen students. Enrolment in the course must take place during pre-registration period or before June 1st in order to arrange for field accommodation. It is recommended that students have had a previous Zoology course at the university level.

Year Course/Prerequisites: Permission of instructor

Corequisites: None

Instructor: Urquhart

BIOB11Y Animal Populations and Evolution

A study of the process of heritable changes in animal populations with special regard to population genetics, population dynamics and species diversity.

Year Course/Prerequisites: BIOB05Y/Corequisites: None

Instructor: Campbell

BIOB12Y Plant Ecology

A course dealing with the response of plants to the environment, in the broadest sense. Plants are studied at the level of the individual and the species and hypothetical higher vegetation units are discussed. Considerable attention is paid to theoretical problems and to the use of mathematical models. Some knowledge of statistics is an advantage.

Year Course/Prerequisites: One full course in Mathematics

Corequisites: None

Instructor: Yarranton

BIOB13Y Organisation and Phylogeny of Vascular Plants

A lecture and laboratory course on structure, reproduction and phylogeny in the major groups of living and extinct vascular plants. Special emphasis will be given to the development and structure of cells, tissue systems and plant parts in seed plants.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Dengler

BIOB14Y Human Physiology (Human Biology)

A lecture-laboratory course dealing with human anatomy and physiology of both normal and abnormal tissue. It is recommended that students taking the course have had a previous course in Zoology at the university level.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Urquhart

BIOB15F Limnology

A lecture and laboratory course, with some field work, dealing with

the ecology of aquatic organisms, mainly phytoplankton. BIOB03S is recommended as a corequisite.

Fall Course/Prerequisites: BIOA01Y; BIOA02Y/*Corequisites:* None
Instructor: Sparling

BIOB16Y Comparative Vertebrate Morphology

[MAY NOT BE TAKEN IN THE SAME DEGREE PROGRAMME AS BIOB09Y.] A lecture and laboratory course on the histological and gross structure of vertebrates with particular reference to their ontogeny and phylogeny.

Year Course/Prerequisites: None/*Corequisites:* None
Instructor: Youson

BIOB17Y General and Comparative Physiology

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB09Y.] The function of cells and of the organ systems which have evolved to control the environment of the individual cell within the organism. Topics include: 1) Body fluids and circulation. 2) Ionic and osmotic balance. 3) Excretion. 4) Gas exchange. 5) Nerve and muscle physiology. Much of the comparative material deals with invertebrate forms.

Year Course/Prerequisites: BIOA01Y or BIOA02Y
Corequisites: CHMB05Y
Instructor: Smith

BIOB18F Cell Metabolism

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB01Y.] A lecture and laboratory course dealing with the function of cells. It will include aspects of enzymology, respiratory and photosynthetic metabolism and the control and regulation of metabolism. BIOB03S is recommended as a corequisite.

Fall Course/Prerequisites: BIOA01Y; BIOA02Y
Corequisites: None
Instructor: Israelstam

BIOB19S Biology of Macromolecules

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB01Y.] A general lecture and laboratory course on the metabolism of macromolecules. The course deals mainly with structure, synthesis, breakdown, and functions of DNA, RNA and proteins.

Spring Course/Prerequisites: BIOA01Y/*Corequisites:* CHMB05Y
Instructor: Miyagi

BIOB20F Cell Ultrastructure

[MAY NOT BE TAKEN IN THE SAME DEGREE PROGRAMME AS BIOB04Y.] A lecture, laboratory, and seminar course dealing with ultrastructure of animal, plant and bacterial cells.

Fall Course/Prerequisites: BIOB09Y or BIOB13Y

Corequisites: None

Instructor: Dengler, Youson, Kingsley

BIOC01F Supervised Study in Biology

An independent study course designed to permit intensive examination of the literature of a selected topic and/or a laboratory or field project in Biology. Supervision of the work is arranged by mutual agreement between student and instructor.

Fall Course-Prerequisites: 4 courses in Biology; permission of instructor/*Corequisites:* None
Instructor: Staff

BIOC02S Supervised Study in Biology

See description for BIOC01F.

Spring Course/Prerequisites: 4 courses in Biology; permission of instructor/*Corequisites:* None
Instructor: Staff

BIOC03Y Advanced Cell Metabolism

A seminar and laboratory course on current research in cell metabolism.

Year Course/Prerequisites: BIOB18F/*Corequisites:* None
Instructor: Israelstam

Chemistry

CHMA01Y	2L: M9F10	1T: M10/T10/T12
	1T: T1/T5/W3/	3P: M2M3M4/
	R9/F11	W2W3W4/
	3P: T1T2T3/	F9F10F11
	W9W10W11/	CHMB06S 3L: M9T5W5
	R2R3R4/	CHMB14S 3L: T9W3R4
	F2F3F4	CHMC01Y 2L: R2R3
CHMB01Y	3L: M2M3W10	7P: (Fall term only)
CHMB02H	3P: M9M10M11	T10T11T12
CHMB03Y	2L: W9W2	T1T2T3T4
	7P: (Spring term only)	CHMC13H 2L: (Fall term only)
	T10T11T12	T5W5
	T1T2T3T4	4P: (Spring term only)
CHMB04Y	3L: T9W3R4	R9R10R11R12
CHMB05Y	2L: W1R12	

MTWRFS (week days), E (classes commencing after 6pm) L (lecture), T (tutorial), P (practical session).

The number of Chemistry courses offered at Scarborough will be increased as the College expands and it is intended that students will be able to complete a four-year degree at Scarborough College with sufficient specialization to qualify for graduate study in Chemistry. Additional courses may become available in the 1972-73 academic year, but it may still be necessary for students to take some courses on the St. George campus. In this regard, it should be noted that the Chemistry courses offered at the Scarborough campus differ from those offered on the St. George campus: with the exception of CHMA01Y (Scarborough), which is equivalent to CHM120 (St. George), individual Scarborough courses do not have direct equivalents on the St. George campus. Enrolment in individual courses involving transfer between the two campuses will be subject to the approval of the Department of Chemistry. However, the following groups of courses, together with their corequisites and prerequisites, will ensure enrolment in any course in the St. George 400 series indicated:

Scarborough Courses	St. George Series
CHMA01Y, CHMB03Y, CHMB04Y, CHMB06S MATA55Y, MATA40F, MATB51F	420
CHMA01Y, CHMB01Y, CHMB02H, CHMB04Y CHMC01Y	430
CHMA01Y, CHMB04Y, CHMB05Y, CHMC13H	440

The following courses are also of interest to students in Chemistry and are particularly recommended to students whose interests tend to Physical or Theoretical Chemistry: MATA45S, MATA58S, MATB40F, MATB50F, MATB41F, MATB56S, PHYB01Y, PHYB02S, PHYB04F, PHYB11Y, PHYB12Y.

CHMA01Y General Chemistry

Nuclear Chemistry, atomic and molecular structure, ionic solids; chemical equilibrium in the gas phase and in solution; states of matter and equations of state; first law of thermodynamics, thermochemistry; introduction to kinetic theory of gases and reaction kinetics.

Year Course/Prerequisites: Grade 13 Chemistry

Corequisites: MATA55Y

Instructor: Harris, Walker

CHMB01Y Inorganic Chemistry I

Atomic and molecular structure, including energy levels, bonding, electronegativity, lattice energies, heats of formation and hydration, etc. Oxidation state diagrams. Chemistry of hydrides, halogens and selected topics in Main Group elements. Lectures designed to support course CHMB02H, the Analytical Chemistry Laboratory.

Year Course/Prerequisites: CHMA01Y/Corequisites: CHMB02H
Instructor: Harris

CHMB02H Analytical Chemistry Laboratory

Qualitative analysis; redox equilibria, pH titrations, precipitation titrations, complexometric titrations, ion exchange, chromatography, Beer-Lambert Law, gravimetric analysis.

Year-Long Half Course/Prerequisites: CHMA01Y
Corequisites: CHMB01Y

CHMB03Y Physical Chemistry I

The laws of thermodynamics; their experimental origin and application to topics of chemical interest. Introduction to statistical thermodynamics.

Year Course/Prerequisites: CHMA01Y; PHYA01Y; MATA55Y or MATA01Y/Corequisites: None

CHMB04Y Introduction to Quantum Chemistry and Spectroscopy

Part I (Fall term) is an introduction to the theories of atomic and molecular structure and spectroscopy, making use of the basic concepts of quantum mechanics.

Part II (Spring term) is a survey of the applications of spectroscopy to the determination of molecular structure, with emphasis on the uses of spectroscopy in organic chemistry.

This course is essential in preparing for St. George 420- and 430-series courses and most 440-series courses. It is essential to all Chemistry specialists.

Year Course/Prerequisites: CHMA01Y; PHYA01Y; MATA55Y or MATA01Y/Corequisites: CHMB05Y

Instructor: Caton, Lynch

CHMB05Y Organic Chemistry I

A lecture and laboratory course on the chemistry of aliphatic and aromatic compounds, with emphasis on reaction mechanisms and synthesis.

Year Course/Prerequisites: None/Corequisites: CHMA01Y

Instructor: Lynch

CHMB06S Physical Chemistry II

Chemical applications of statistical mechanics: statistical thermodynamics; kinetic theory of gases; applications to chemical kinetics.

Spring Course/Prerequisites: CHMA01Y; MATA55Y or MATA01Y; PHYA01Y/Corequisites: CHMB03Y; CHMB04Y

Instructor: Caton

CHMB14S Spectroscopy and Molecular Structure

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS CHMB04Y.] Identical with the Spring term of CHMB04Y; a survey of applications of spectroscopy to the determination of molecular struc-

ture, primarily in Organic Chemistry. The course provides students who are not Chemistry specialists with the necessary background in spectroscopy for some St. George 440-series courses. This course may be useful to Biology students with an interest in Chemistry.

Spring Course/Prerequisites: CHMA01Y; MATA55Y or MATA01Y/Corequisites: CHMB05Y

Instructor: Caton, Lynch

CHMC01Y Inorganic Chemistry II

A study of transition metal chemistry including oxidation state diagrams; atomic structure and energy levels; crystal field theory; molecular orbital theory; a thermochemical and structural survey of: 1. divalent ions, 2. trivalent and higher oxidation states, 3. low oxidation states, i.e. carbonyls, nitrosyls, etc.

Year Course/Prerequisites: CHMB01Y; CHMB02H

Corequisites: CHMB04Y

Instructor: Walker

CHMC13H Organic Chemistry II

A lecture and laboratory course on advanced organic chemistry. Emphasis will be placed on stereochemistry, mechanisms of organic reactions, molecular rearrangements, and further aspects of synthesis.

Half Year Course/Prerequisites: CHMB05Y/Corequisites: None

Instructor: Lynch

General Classics

CLAB04F	2L:M2R10	GRKB11S	3L:T3W4R1
CLAB09S	2L:T1R12	GREEK "B30" Series, Fall Term,	
CLAB21Y	1L:T12	Arrange with	
	2T:F1F2	Instructor	
LAT001Y	4L:M12T10W9R10	GREEK "B30" Series, Spring Term,	
	1P:W3	Arrange with	
LATB01F	3T:W2R2F12	Instructor	
LATB02S	3L:M4T9R9	GRHB01Y	2L:M10R10
LATIN "B30" Series, Fall Term,			1T:W11/W12
Arrange with		GRHB02Y	3L:M7EM8EM9E
Instructor		GRHB03Y	2L:M3W12
LATIN "B30" Series, Spring Term,			1T:F10/F11
Arrange with		GRHB21F	2L:M1W3
Instructor			1T:M4
GRK001Y	4L:M10W10R11F9	GRHB22S	2L:M1W3
	1P:F3		1T:M4
GRKB01F	3T:M11T3W4	GRHB23Y	3L:W7EW8EW9E
	1P:W1	GRHB24F	3L:R2F11F12

MTWRFs (week days), E (classes commencing after 6 p.m.)
L (lecture), T (tutorial), P (practical session).

The Greek and Roman world is an excellent area of study for the student who wishes to follow a programme involving different but related disciplines. Of the courses offered, some in themselves are interdisciplinary, dealing not only with language and literature, but also with the political, social, and economic background; some confine themselves to one of these aspects, but contribute to a better understanding of the area of study in other courses.

Those who wish to explore Greek and Latin literature may do so in the original languages and/or in translation. The Classics courses in particular often provide the opportunity to compare the Greek and Latin authors in their methods and aims and to discover the influence of the classical writers on European literature. No knowledge of Latin or Greek is assumed for the courses in Greek and Roman History, which deal with the social and cultural significance of the ancient world as well as with political history.

A student who wishes to take approximately half of his fifteen courses in Classics should confine himself to 'Greek Studies' or 'Roman Studies'. The core of these courses should consist of three full courses (or their equivalent in half courses) in the ancient language and one course in *Greek and Roman History* (GRHB01Y for 'Greek Studies' and GRHB03Y for 'Roman Studies'). For 'Greek Studies' the remainder should be chosen from other courses in Greek; all courses in *Classics* (excluding CLAB04F); *Greek and Roman History* B02Y, B21F, B22S, B24F; *Fine Art* A01F, B23S; *Philosophy* B65F, B66S; *Humanities* B06S, B07F; *Linguistics* B04F. For 'Roman Studies' the remainder may be chosen from other courses in Latin; all courses in *Classics*; *Greek and Roman History* B02Y, B23Y, B24F; *Fine Art* A01F; *Humanities* B06S, B08S; *Linguistics* B04F.

A student wishing to take more than half his courses in *Classics* might follow a combined 'Greek and Roman Studies' program, taking the core group for 'Greek Studies' and 'Roman Studies' and as many others as he or she wished. Alternatively the student might concentrate on Latin (or Greek) with *Greek and Roman History*.

The New Programme offers much flexibility and freedom in the choice of courses. The suggestions given above are designed to help the student plan a coherent course of study, but he is strongly encouraged to contact members of the faculty for information about individual courses or for advice in planning his programme. (Professor McDonald, H329, 284-3205, will be happy to meet with prospective students)

Classics

These courses are intended to provide, for the student who is not able to read the literature of the Greco-Roman World in the original

languages, some appreciation of Greco-Roman civilization through the study of appropriate texts in translation. But, though the courses are directly concerned with the literature (of the various genres), the philosophy, and the historical and religious thought of the Greeks and Romans, their content is much wider than these specific subjects; in every case the special topics considered will be examined with a view to furthering our understanding of the ancient world and of the relationship between that world and our own. Students will be encouraged to read widely and critically, to contribute to discussions of their reading and to report their findings in literate and original essays.

(CLAB02Y) Greek and Roman Tragedy)

Course not offered in 1971-2. The tragedy of the Greeks and Romans: an exploration of the nature and intent of Classical tragic drama, its conventions, historical origins and cultural context, with a discussion of selected plays by Aeschylus, Sophocles, Euripides and Seneca.

Year Course/Prerequisites: None/Corequisites: None

(CLAB03F) Love Poetry)

Course not offered in 1971-2. A discussion of the treatment of the theme of love in Classical literature and the development of erotic poetry as a literary genre, with a study of selected poems of Sappho, the Greek Anthology, Catullus, Propertius, and Ovid.

Fall Course/Prerequisites: None/Corequisites: None

CLAB04F Satire

A study of the development of this distinctively Roman genre from its origins into the Empire, with reading in translation of the works of Horace, Persius, Juvenal and Petronius. Attention will be given to the literary and social role of the satirist, the influence of the historical and cultural milieu, and the impact of classical satire on such English writers as Dryden and Pope.

Fall Course/Prerequisites: None/Corequisites: None

Instructor: McDonald

(CLAB08S) The Ancient Novel)

Course not offered in 1971-2. The cosy Greek escapist novel, index of a society of reduced political views will be studied in the pages of its five major practitioners (Achilles Tatius, Chariton, Heliodorus, Longus and Xenophon of Ephesus). The Roman counterpart is represented by the *Satyricon* (the sensual and intellectual odyssey of three antiheroes) and the imaginative and humorous *Metamorphoses* of Apuleius.

Spring Course/Prerequisites: None/Corequisites: None

CLAB09S Greek and Roman Comedy

A selection of comedies from the works of Aristophanes, Menander,

Plautus and Terence will be read and discussed. Topics will include the nature and purpose of comedy, the origins and development of Greek Comedy, and the contributions of Plautus and Terence to the genre.

Spring Course/Prerequisites: None/Corequisites: None
Instructor: Grant

CLAB21Y Greek and Roman Religion

An exploration of the nature and range of religious experience. Among the topics discussed will be the nature and function of mythology and its relation to religion, Homer and the Olympian gods, myth and philosophy, mystery religions and popular cults, paganism and Christianity.

Year Course/Prerequisites: None/Corequisites: None
Instructor: Irwin

(CLAB22S Literary Criticism)

Course not offered in 1971-2. Reflections of the Greeks and Romans on literature, the techniques of composition and the nature of inspiration, from the dawn of literary self-consciousness to the development of systematic literary theory, with readings from Plato, Aristotle, Horace and Longinus.

Spring Course/Prerequisites: None/Corequisites: None
Instructor: Warden

Students should also consult listing under

FARB23S Art and Culture in Fifth Century Greece

HUMB06S Love and Friendship

HUMB07F The Ulysses Factor

HUMB08S The Age of Augustus

Latin

The following courses are designed to acquaint the student with representative works from various periods and genres of Latin literature, emphasizing through study of the texts, an appreciation of language and style; and, through consideration of their literary and historical background, a basic familiarity with classical Roman civilization. The development of a critical reading knowledge of both prose and verse will be stressed, and language study will be directed to this end.

LAT001Y Introductory Latin

The purpose of this course is to acquaint the student with the essentials of the Latin language. Although the emphasis will be linguistic, selected texts will be read to introduce the student to Latin literature. On completion of the course a student will be equipped to proceed to LATB01F or LATB02S.

Year Course/Prerequisites: None/Corequisites: None
Instructor: Grant

LATB01F Catullus

A representative selection of the work of Catullus will be read — love poems, epigrams, and “long” poems. The influences which affected Catullus and his contribution to Latin poetry will be considered.

Fall Course/Prerequisites: LAT001Y or Grade 13 Latin
Corequisites: None
Instructor: McDonald

LATB02S Catiline

Sallust's *Catilinarian Conspiracy* and selections from Cicero's *Orationes in Catilinam* will be read. The texts will provide an opportunity of comparing two accounts of the same events from both a literary and historical viewpoint.

Spring Course/Prerequisites: LAT001Y or Grade 13 Latin
Corequisites: None
Instructor: Corbett

LATB30F Directed Reading

LATB31F
LATB32F
LATB33F
LATB34F
Students who have completed LATB01F or LATB02S and wish to do further work in Latin enter a directed reading programme. The purpose of the programme is to allow the student maximum flexibility in the choice of areas which interest him and to allow him to read widely, under direction, in those areas. Each student will be attached to a tutor, and in consultation with him will choose the texts to be studied. A student may choose to read from the works of a specific author (e.g., Livy or Tacitus, for those whose primary interest is history; Vergil or Ovid, for those wishing to do poetry) or in a single genre (such as satire or Roman Comedy). The student will meet his tutor once a week to discuss points of interest and difficulties which have arisen from his reading, and will meet together with others reading in the same area for regular discussion of common themes and problems (such as principles of appreciation, interpretation and criticism). [A student may theoretically take any number of these courses, but should consult the instructors before doing so.]

Fall Course/Prerequisites: LATB01F or LATB02S
Corequisites: None
Instructor: Grant

LATB35S Directed Reading

LATB36S [See LATB30F above]

LATB37S *Spring Course/Prerequisites: LATB01F or LATB02S*

LATB38S *Corequisites: None*

LATB39S Instructor: Grant, McDonald

Greek

An introductory course is offered in the study of classical Greek, on completion of which the student is ready to read Greek literature. Students with varied interests will be attracted to the study of Greek so that they may read in the original works which continue to influence their field, e.g. lovers of literature will find masterpieces of many genres; students of philosophy the beginnings of European philosophy; and historians eye-witness accounts of a fascinating period of history.

GRK001Y **Introductory Greek**

This course is based on a structural approach to language learning. The language laboratory will be used. Readings of Greek prose will begin early in the course.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Irwin

GRKB01F **Plato Apology, Lysias In Eratosthenem**

Socrates' speech in his defence will be read, with accompanying exercises to assist the student in further study of the Greek language. Lysias' speech prosecuting his brother's supposed murderer will also be read.

Fall Course/Prerequisites: Grade 13 Greek or GRK001Y

Corequisites: None

Instructor: McDonald

GRKB11S **Homer Odyssey**

The wanderings of Odysseus—a reading of 3 books of the *Odyssey* with discussion of the nature and literary qualities of Homeric epic.

Spring Course/Prerequisites: GRKB01F/*Corequisites:* None

(GRKB12S **Herodotus)**

Course not offered in 1971-2. Selections from the "Father of History" will be read with discussion of the literary qualities of the work and the historical background.

Spring Course/Prerequisites: GRKB01F/*Corequisites:* None

GRKB30F **Directed Reading**

GRKB31F This course, like the GRKB35S-B39S spring term series, is designed
GRKB32F for students who are capable of reading Greek on their own with
GRKB33F profit and its purpose is to provide them with the opportunity of
GRKB34F reading more widely in areas which interest them. Each student will be assigned to an instructor who will choose the texts to be studied taking into consideration the interests of the students. The student will meet his supervisor once a week to discuss topics and difficulties which arise in his reading. [A student may theoretically take any

number of these courses, but should consult the instructor before doing so]

Fall Course/Prerequisites: GRKB11S or GRKB12S

Corequisites: None

Instructor: Irwin

GRKB35S Directed Reading

GRKB36S [See GRKB30F above]

GRKB37S *Spring Course/Prerequisites:* GRKB11S or GRKB12S

GRKB38S *Corequisites:* None

GRKB39S *Instructor:* Boddington

Greek and Roman History

Greek and Roman History is a study of the history of the Greco-Roman world in antiquity. Like any historical study, its aim is twofold, to determine and convey the essence of Greek and Roman civilization and, by doing so, to further our understanding of man in society, then as now. Since the study is thus humanistic in the widest sense, students of ancient history will concern themselves not only with political history, but with the social and cultural significance of the ancient world as well. Emphasis will throughout be placed on reading of primary source material – what the Greeks and Romans themselves wrote – wherever possible; and, though, no knowledge of Greek or Latin is required, those who are able to do so will be encouraged to extend their reading from translations to the original accounts. Thus all students will be expected to pursue independent research, to participate in group discussions of their findings, and to give final written form to their work in careful, original and literate essays.

GRHB01Y History of Greece from 800 B.C. to the Death of Alexander

Political, economic, social and cultural aspects. As far as possible, this course will be studied through the Greek authors (in translation) and attention will be given to the discoveries of archaeology, and its methods. Principal topics include: The World of Homer, past and present; Evolution of Democracy; Sparta, ideal and reality; Athens and Democratic Imperialism; Achievements of Alexander.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Boddington

GRHB02Y Greek and Roman History from the Death of Alexander to the Gracchi

A study of the emergence and evolution of the Hellenistic Monarchies after the death of Alexander, the development of Rome as a "World Power", and the interaction of Greek and Roman worlds, with its internal effects on both.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Derow

GRHB03Y Roman History from the Gracchi to Nero

A study of the Roman Republic as a social and political organization, and as "World Power". The collapse of the republican system of government and the reconciliation of republican forms with military despotism and increasing bureaucracy. This course will emphasize close study of the primary sources for the period; these sources will be read in translation.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Corbett

GRHB21F Greek Democracy

The central theme will be Athenian democracy; how it evolved, how it worked, and how it compared with other forms of democracy in the Greek world. The subject will be studied, as far as possible, through the relevant Greek authors (in translation).

Fall Course/Prerequisites: GRHB01Y or any related Classics course

Corequisites: None

Instructor: Boddington

GRHB22S The Greeks Overseas

This course will deal with two closely related topics:

(1) the interaction of the Greeks with other races, and the impact of this process on Greek culture,

(2) the role of the sea, in war and trade, in the history of Greece.

Spring Course/Prerequisites: GRHB01Y or a related Classics course

Corequisites: None

Instructor: Boddington

GRHB23Y Studies in Roman History

This course is intended for the more advanced student; while no prerequisite is indicated, students will be required to demonstrate that they possess the necessary background. Special topics or periods will be chosen for study; some of the possible areas of study are the following: Roman Imperialism, Roman Political History, The Roman Conquest of Italy, The Decline of the Roman Empire, Rome and the Jews. But the final choice of subject(s) of concentration will be governed by the interests of the students and faculty involved.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Corbett

GRHB24F Ancient Historiography

A study of the ancient historians (Herodotus, Thucydides, Livy and Tacitus), their historical thought and their literary techniques; special attention will be given to the intellectual development of the historians in their environment. All texts will be read in translation.

Fall Course/Prerequisites: None/*Corequisites:* None

Instructor: Boddington

Commerce

COM100Y 2L:M7EM8E
1T:M9E

MTWRFS (week days), E (classes commencing after 6 p.m.), L (lecture), T (tutorial), P (practical session).

COM100Y Financial Accounting

This is the same course as COM100 on the St. George campus. It is a required course in the Commerce and Finance programme. Any Scarborough students who plan to transfer to the St. George campus in Second Year to enter Commerce and Finance should consider taking this course as well as ECOA01Y or ECOA03Y, and MATA55Y.

Year Course/Prerequisites: None/Corequisites: None

Economics

SOSA01F 2L: T10R10 1T: R11/R12/R3/R4	ECOB02Y 3L: M4W4R4
SOSB04S 2L: T1W2	ECOB03Y 2L: R9R3/M7EM8E 1T: T10/T3/M9E
ECOA01Y 2L: M3R3/W7EW8E 1T: (every second week) F9/F10/F11/ W9E	ECOB04Y 3L: T9T10R10 ECOB06Y 3L: T2R12R2 ECOB07S 2L: T11T12 ECOB08F 2L: T11T12 ECOB09F 2L: T4T5 ECOB10Y 2L: M4M5 ECOB11S 2L: R7ER8E ECOB12F 3L: M1T1R1
ECOA02S 2L: T10R10 1T: W9/W12	
ECOA03Y 2L: W10F10 1T: F11/F12/F2	
ECOB01Y 3L: M1T4W9	

MTWRFS (week days), E (classes commencing after 6 pm), L (lecture), T (tutorial), P (practical session).

SOSA01F Quantitative Methods in Social Sciences

This course introduces basic statistical methods with applications primarily to the Social Sciences. Students in Economics, Geography and Political Science should note that this course is prerequisite to certain courses in those fields. No students will be admitted after the third lecture.

Fall Course/Prerequisites: None/Corequisites: None
Instructor: Sawyer

SOSB04S Social Choice and Collective Action

A change in government policy always benefits one group of individuals and harms another. This course undertakes the study of ways in which such conflict between individuals can be resolved by means

of techniques which reflect democratic values. Three topics are basic to the study of social choice:

- 1) the criteria which govern social choices,
- 2) the role of the individual in collective decision-making, and
- 3) the performance of democratic bodies in practice.

Prerequisites: Any course in Philosophy or Social Science

Corequisites: None

Instructor: Campbell

ECOA01Y Economics: A Survey of Principles and Practice

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ECOA03Y] The purpose of this course is to provide a broad introduction to the field of Economics, and in particular to provide some insight into how an economy like the Canadian one functions. Among topics considered are the theories of production, exchange, and employment, the role of money and the banking system, governmental monetary and fiscal policy, price determination and the role of competition, and international trade and foreign exchange.

Year Course/Prerequisites: None/*Corequisites:* None

ECOA02S Quantitative Methods in Economics

This course is a continuation of SOSA01F for students specializing in Economics. Its main purpose is to review the basic statistical concepts and show their meaning in an economic context. This will include some problems in using and testing econometric models.

Spring Course/Prerequisites or Corequisites: SOSA01F;

ECOA01Y or ECOA03Y

Instructor: Pelikan

ECOA03Y Introduction to the Theory of Price and Welfare

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ECOA01Y.] An analysis of the market system and how, and to what extent, it serves social welfare. The emphasis is on the use of prices to decentralize decision-making in capitalist and socialist economies. Discussion of how the operation of the price system in Canadian economy departs from the ideal centers on pollution, poverty, unemployment, and monopoly. The student is expected to participate in tutorials, especially when capitalism and socialism are compared.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Campbell

ECOB01Y Price Theory

An intermediate level development of the principles of microeconomic, or price and allocation theory. The primary emphasis is on developing the apparatus of static partial equilibrium analysis. The subject also extends briefly to problems of general market equilibrium and economic welfare.

Year Course/Prerequisites: ECOA01Y or ECOA03Y

Corequisites: None

Instructor: Bucovetsky

ECOB02Y National Income and the National Economy

An intermediate level exposition of macroeconomic theory, or the theory of the aggregate national income. The subject matter is how the level of total national output is determined, and associated problems of the level of employment, business fluctuations, long term growth, price levels, and balance of payments adjustment.

Year Course/Prerequisites: ECOA01Y or ECOA03Y

Corequisites: None

Instructor: Bucovetsky

ECOB03Y North American Economic History

This course is intended as a survey of important themes in the economic history of Canada and the United States. A comparative approach is employed to develop such themes as the role of natural resource staple industries, the evolution of financial institutions, problems of industrialization and urbanization, and the relationship of the state to economic change in the two countries.

Year Course/Prerequisites: ECOA01Y or ECOA03Y

Corequisites: None

Instructor: Rea

ECOB04Y European Economic History

A study of the emergence of industrial society in Europe since the seventeenth century. There will be some emphasis on the comparative experience of Britain and other European countries and the growth of the nineteenth century world economy. Particular attention is paid to technical change, the expansion of markets, population growth, the economic effects of public policy, and consequent changes in income levels and the structure of the economy.

Year Course/Prerequisites: ECOA01Y or ECOA03Y

Corequisites: None

ECOB06Y Literature of Political Economy

A study of the classical literature of political economy; especially of selections from the works of Adam Smith, Malthus, Ricardo, J. S. Mill, Marx, Jevons, Marshall and Keynes.

The study of the literature is intended to improve the student's understanding of contemporary economic literature and of the contemporary economic world. It should also improve his ability to assess the wisdom of contemporary economic policies. Problems of method and conflict of value are discussed.

Year Course/Prerequisites: ECOA01Y or ECOA03Y

Pre-or Corequisites: ECOB01Y or ECOB02Y

Instructor: Bladen

ECOB07S Economics of the Public Sector: Taxation

This course is concerned with the revenue side of government finance. In particular, it deals with existing tax structures, in Canada and elsewhere, and with criteria for tax design. Some attention will also be given to the use of government fiscal policy to regulate the level of economic activity.

Spring Course/Prerequisites: ECOA01Y or ECOA03Y;

ECOB08F is recommended but not required.

Corequisites: None

Instructor: Bucovetsky

ECOB08F Economics of the Public Sector: Expenditures

This course centers on the problem of choosing the appropriate levels of government outputs of goods and services when these outputs by their very nature are not produced privately and will therefore have no associated prices which can be used as a guide to decision-making. The even more general problem of social choice is studied in preparation for the theory of public expenditure. Particular topics covered include: the economics of education, provision of urban services, economics of federalism, the role of government in the private sector, the Canadian economy and the economics of nationalism.

Fall Course/Prerequisites: ECOA01Y or ECOA03Y

Corequisites: None

Instructor: Campbell

ECOB09F Economic Development

A term course analysing the processes of economic growth and development. Special attention will be given to the problems of devising policies to promote the development of less developed countries and regions.

Fall Course/Prerequisites: ECOB01Y/*Corequisites:* ECOB02Y

Instructor: Rea

ECOB10Y Comparative Economic Systems

Whilst the majority of courses in Economics study problems of a given economic system, usually that which is characteristic for developed capitalist countries, this course presents other alternatives for organizing economic life in a society. The alternatives considered are both real systems as they have developed in some countries, especially in the U.S.S.R., Czechoslovakia, Yugoslavia and China, and some untried systems as they have been proposed on a purely speculative basis. The course will attempt to evaluate properties of these systems and compare their respective advantages and shortcomings.

Year Course/Prerequisites: ECOA01Y or ECOA03Y

Corequisites: None

Instructor: Pelikan

ECOB11S Money and Banking

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ECOB11Y.] An introduction to the operation of the money market. The focus will be on analysis of monetary theory and monetary policy.

Spring Course/Prerequisites: ECOB02Y/*Corequisites:* None

English

ENGA04Y 2L:M4W4

ENGA05Y 1L:W12/M7E

1T:R9/R11/R3/R4/

M8E/M9E

ENGA08Y 2L:T9F9/R1F1/R3F3/

M12W5/M5W11

ENGB01Y 3L:T11T12W12

ENGB02Y 2L:T12R12

ENGB05Y 2L:W4R3

ENGB09Y 2L:M9W10

ENGB10Y 1L:W10/W7E

1T:M1/M2/M4/

R10/R11/F11/

F1/W8E/W9E

ENGB11Y 1L:W12

1T:W2/W3/F11/

F12/F2

ENGB12Y 2L:W11R11

ENGB14Y 2L:W3R12/T2R4/

M12T4

ENGB15Y 2L:W1R3

ENGB16Y 2L:M3W1

ENGB17Y 2L:M4R1/T7ET8E

ENGB21Y 2L:M11W1

ENGB31Y 2L:T5W5/T7ET8E

ENGB32Y 2L:M9W9

ENGC04Y 2L:M12F1

ENGC06Y 2L:M3F3

ENGC08Y 2L:M4W4/R7ER8E

ENGC11Y 3L:M12R9R10

ENGC12Y 2L:M3R3

ENGC22F 2L:T2R2

MTWRFS (week days), E (classes commencing after 6 p.m.), L (lecture), T (tutorial), P (practical session).

English Studies have as their subject matter all the communicative arts in English. The range of subject matter encompasses the study of English, Canadian, and American literatures, and to a limited extent other literatures in English. Because English Studies are concerned with the communicative arts, much emphasis is given to close and responsive critical reading, clarity of expression, and the development of the powers of criticism and judgement. The programme is directed toward the broadening of experience, the refinement of feeling and judgement and the expansion of the imagination.

Those who wish to prepare themselves for the Specialist Certificate of the Combined Departments of English, a four year programme, may take the required courses at Scarborough College but should consult a member of the English staff during their first year. All students are advised to combine English courses with appropriate courses in other disciplines; i.e., with courses in Classics concerned with literary criticism, comedy, tragedy, and satire; with historical period courses in French and other foreign languages; or with courses in Aesthetics, History, Fine Arts, and Comparative Litera-

ture. Courses in contemporary literature may also be profitably combined with studies in Anthropology, Sociology or Philosophy. In this respect, Canadian Literature may best be studied as part of the College's Canadian Studies Programme.

Nevertheless, English Studies at Scarborough College recognize their primary concern for the communicative arts in English and the student contemplating enrolling in these courses should do so for the values to be found in this pursuit.

ENGA04Y English Literature, Forms and Approaches

A study of a wide variety of English literature in terms of forms (drama, poetry, novel etc.) and critical approaches. Texts: Shakespeare, *Hamlet*; Congreve, *The Way of the World*; O'Neill, *Long Day's Journey Into Night*; Beckett, *Waiting for Godot*; Selections from the poetry of Marvell, Pope, Keats and Yeats; Browne, *Religio Medici*; Swift, *Gulliver's Travels*; Austen, *Pride and Prejudice*; Dickens, *Great Expectations*; Faulkner, *The Sound and the Fury*. Readings in criticism to be assigned. This course is especially designed for students who would like to specialize in English literature.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Theil

ENGA05Y Canadian Literature in English

A survey of important themes and forms in Canadian Literature. Haliburton, *The Clockmaker*; Moodie, *Roughing it in the Bush*; Leacock, *Sunshine Sketches*; Grove, *Settlers of the Marsh*. Five or six novels selected from the works of the following: MacLennan, Callaghan, Ernest Buckler, Ethel Wilson, Mordecai Richler, A. M. Klein, Sheila Watson, Malcolm Lowry, Robertson Davies, Margaret Laurence. *Poets of the Confederation* (ed. Ross); *Poets Between the Wars* (ed. Wilson); Pratt, *Selected Poems*; *Poetry of Mid-Century* (ed. Wilson), and other texts to be agreed on.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Margeson

ENGA08Y Forms of Twentieth Century Literature

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ENGA01Y]. A study of the main developments in drama, poetry and the novel in the twentieth century.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Staff in English

ENGB01Y Old English Language and Literature

A study of the language, literature, and culture of the Old English period as represented principally in the surviving poetry. The first half of the course will focus on developing fluency in the reading of Old English, concentrating on the grammar, syntax, and style of various pieces of prose and poetry. The second half of the course will be given to the intensive study of further major texts in Old English

literature. The primary text is J.C. Pope, *Seven Old English Poems*.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Patenall

ENGB02Y Chaucer

Lyrics, *House of Fame*, *Parliament of Fowles*, *Troilus and Criseyde*, *Canterbury Tales* (selection), (Text: F.N. Robinson, ed.)

Year Course/Prerequisites: None/Corequisites: None

Instructor: Vicari

(ENGB04Y English Poetry, Prose and Drama, 1660-1800)

Course not offered in 1971-2. This course will study the poetry, prose and drama of the Restoration and Eighteenth Century with special reference to the work of Dryden, Pope, Swift and Johnson.

Year Course/Prerequisites: None/Corequisites: None

ENGB05Y Romantic Literature

Blake, Wordsworth, Coleridge, Byron, Shelley, Keats for special study; brief selections from other poets of the period. Wordsworth, *Preface to Lyrical Ballads*, *Preface to the Edition of 1816*; Coleridge, *Biographia Literaria*; Shelley, *Defence of Poetry*; Keats, *Selected Letters*; selections from other prose writers of the period.

Year Course/Prerequisites: One other course in English

Corequisites: None

Instructor: Kay

(ENGB06Y Victorian Poetry)

Course not offered in 1971-2. A study of the range of Victorian poetry with concentrated attention given to Tennyson and Browning. Other authors for study will be selected from Arnold, Beddoes, Clough, Fitzgerald, Hardy, Hopkins, Meredith, Morris, D. G. Rossetti, Swinburne, Poe and Whitman. Some critical writing of the period will also be read.

Year Course/Prerequisites: None/Corequisites: None

ENGB09Y Poetry and Prose of the English Renaissance

PROSE: More, *Utopia*; Machiavelli, *The Prince*; Montaigne, *Essays* (trans. Florio); Sidney, *An Apologie for Poetrie*; Bacon, *Advancement of Learning* (Book I); *Essays* (selections); *New Atlantis*; Donne, *Paradoxes and Problems* (selections); *Devotions upon Emergent Occasions* (selection); *Sermon at the Funeral of Sir William Cockayne*; Browne, *Urn Burial* (Chaps. III, IV, V); Milton, *Areopagitica*.

POETRY: Spenser, *Epithalamion*; *Sonnets* (selections); *Fowre Hymnes*; *Faerie Queene* (Books I & II); Shakespeare, *Sonnets* (selections); *Venus and Adonis*; Donne, Herbert, Herrick, Marvell (selections); Milton, *Ode on the Morning of Christ's Nativity*; *Lycidas*; *Paradise Lost*.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Vicari

ENGB10Y Shakespeare

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ENGA02Y]. Special study of *Romeo and Juliet*, *A Midsummer Night's Dream*, *Richard II*, *Henry IV Parts 1 & 2*, *Twelfth Night*, *The Tempest*, *Measure for Measure*, *Hamlet*, *Antony and Cleopatra*, and *King Lear*.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Patenall

ENGB11Y Varieties of Drama

Beckett, *Endgame*; Eliot, *The Cocktail Party*, *Everyman*; Ibsen, *The Wild Duck*; Jonson, *The Alchemist*; Pinter, *The Homecoming*; Shakespeare, *The Merchant of Venice*, *Antony and Cleopatra*; Sophocles, *Oedipus Rex*; Webster, *The Duchess of Malfi*. At least nine more plays, chosen so as to extend the range of types of drama, and to illuminate by comparison the listed texts.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Tait

ENGB12Y English Drama to 1642

A study of selected plays from the early medieval stage to the closing of the theatres, with particular emphasis on Marlowe, Shakespeare, Jonson, and Webster. Some attention will also be paid to stage conditions and theatre history.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Margeson

ENGB14Y Varieties of Fiction

An exploration of prose fiction ranging through many periods and genres. Reading list to be supplied through the Divisional Office.

Year Course/Prerequisites: None/Corequisites: None

ENGB15Y English Poetry, A Study of Various Forms

A comparative study of forms, modes, themes, and styles of poetry from various periods.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Kirkham

ENGB16Y Fiction 1832-1900

A study of the development of the English novel in the Victorian period. There will be some concern for the intellectual, social and political climate from which the novels emerged as well as for the techniques developed by the novelists to embody their visions of man and society. Texts: Dickens, *Bleak House*; Thackeray, *Vanity Fair*; G. Eliot, *Silas Marner*, *Middlemarch*; E. Bronte, *Wuthering Heights*; Meredith, *The Egoist*; Trollope, *Barchester Towers*; Butler, *The Way of All Flesh*; Hardy, *The Return of the Native*, *Jude the Obscure*; Moore, *Esther Waters*; James, *The Bostonians*. Flaubert's *Madame Bovary* and Dostoevsky's *The Brothers Karamazov* will be

referred to as examples of Continental fiction in this period, and students intending to take this course are urged to read these novels, and as many of the texts as possible, during the summer.

Year Course/Prerequisites: None/Corequisites: None
Instructor: Theil

ENGB17Y Fiction before 1832

At least twelve works, including one or more by each of Richardson, Fielding, Sterne, Jane Austen and Scott.

Year Course/Prerequisites: None/Corequisites: None
Instructor: Kay

ENGB21Y American Literature 1607-1865

Selections from at least two pre-nineteenth century authors and Cooper, Emerson, Poe, Thoreau, Hawthorne, Melville, Whitman, Dickinson. Other authors may be added.

Year Course/Prerequisites: None/Corequisites: None

(ENGB22Y American Literature 1865-Present)

Course not offered in 1971-2. Mark Twain, James, Faulkner, Eliot, Stevens, Williams. Additional authors, especially for the contemporary period to be selected.

Year Course/Prerequisites: None/Corequisites: None

(ENGB24Y Major American Authors)

Course not offered in 1971-2. A study of six authors from the following: Melville, Whitman, James, Faulkner, T. S. Eliot, Gertrude Stein and another author from the contemporary period.

Year Course/Prerequisites: None/Corequisites: None

ENGB31Y Modern Drama

A study of developments in English, American and European drama from Ibsen to the present. The course will include plays by Chekhov, Strindberg, Shaw, Eliot, Yeats, Brecht, O'Neill, Albee, Osborne, Beckett.

Year Course/Prerequisites: ENGB11Y/Corequisites: None
Instructor: Tait

ENGB32Y Modern Poetry

A study of Yeats, Eliot, Auden, Thomas and Frost as represented in individual selected editions, supplemented by readings from the works of other poets in *English Masterpieces Vol. VII* and *The New American Poetry* (Donald Allen, ed.). The course takes a concentrative approach toward the five prescribed poets while allowing for the free play of students' interest with regard to 20th century poetry in general.

Year Course/Prerequisites: None/Corequisites: None
Instructor: Rodgers

ENGC04Y Four Major Renaissance Authors — Spenser, Milton, Donne and Jonson

Advanced study, concentrating especially on Spenser and Milton. Spenser: *Shepherd's Calendar*, *Amoretti*, *Fowre Hymnes*, *Epithalamion*, *Prothalamion*, *Faerie Queene*, books 1-3, 7; correspondence with Gabriel Harvey.

Milton: all the poetry, four or five prose works.

Donne: selected poetry and selected prose, concentrating on sermons.

Jonson: representative selections from all the poetic works: *Every Man In His Humour*, *Volpone*, *The Alchemist*, *Bartholomew Fair*, 2 masques; selections from *Timber*.

Students will be required to write one major essay and prepare several seminar papers.

Year Course/Prerequisites: ENGB09Y; another course in English, or two courses in English; one of the following as a pre- or co-requisite: FARB16F, FARB17F, CLAB01F, FREB22Y, ITAB33F, ITAB34S, ITAB36F, ITAB40S

Corequisites: see note under prerequisites

Instructor: Vicari

(ENGC05Y Four Major Restoration and Eighteenth Century Authors)

Course not offered in 1971-2

Year Course/Prerequisites: 2 previous courses in English, one of which must be a B level course/Corequisites: None

ENGC06Y Four Major Nineteenth Century Authors

A study in some depth of the writing of four leading figures in the literature of a period characterized by change.

Year Course/Prerequisites: 2 previous courses in English, one of which must be a B level course/Corequisites: None

Instructor: Thomas

ENGC08Y Four Major Modern Authors

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ENGB35Y]. A study of four of the following writers: Yeats, Eliot, Lawrence, Hemingway, William Carlos Williams.

Year Course/Prerequisites: 2 previous courses in English, one of which must be a B level course/Corequisites: None

Instructor: Kirkham, Tait

ENGC11Y Paradise Lost

A reading of *Paradise Lost* as part of Tudor and Stuart Literature of Dissent. The course may include early Protestant polemics, Elizabethan recusant writings, political verse and pamphlets, drama of revenge, dissent and civil discord, and other works that may be considered to treat of the phenomenon of revolution and disobedience. *Paradise Lost* will be discussed in terms of the aesthetic, dramatic and rhetorical implications of Milton's chosen subject matter.

Year Course/Prerequisites: one previous B level course in English/Corequisites: None
Instructor: Patenall

ENGC12Y Joseph Conrad and the Modern Novel

A study of Conrad's influence on three novelists who have acknowledged his importance for their own work: Fitzgerald, Faulkner and Mann. It will involve a reading of Conrad's major novels, focusing on narrative techniques (e.g. use of multiple narrators with distinctive verbal styles) as they relate to the meaning of these novels; and an examination of one or two novels by each of Fitzgerald, Faulkner, and Mann to see how they adapted Conradian techniques to deal with similar thematic concerns. Tentative reading list: Conrad, *Heart of Darkness*, *Lord Jim*, *Nostromo*, *The Secret Agent*, *Under Western Eyes*, *Chance*, *Victory*; Fitzgerald, *The Great Gatsby*; Faulkner, *Absalom, Absalom*; Mann, *Doctor Faustus*; further texts to be chosen.

Year Course/Prerequisites: ENGB14Y or ENGB16Y/Corequisites: None

Instructor: Theil

ENGC22F The Contemporary Press

A study of newspapers and magazine writing and lay-out with a view to understanding its rhetorical and formal conventions. Material will be found in a range of Canadian, British and American dailies and periodicals (both specialized and general) drawn from the recent past and also, where possible, as they appear during the duration of the course. There will be visits to newspaper offices and presses and discussions with journalists of the technical problems which bear upon writing and presentation.

Fall Course/Prerequisites: One B-level course in English

Corequisites: None

Instructor: Thomas

Students should also consult listing under:

CLAB04F Satire

CLAB09S Greek & Roman Comedy

GERB17Y The German Novel from Goethe to Grass

HUMB01S Emergence of Modern Prose

HUMB02F Guilt and Conscience in Post-World War II Literature

HUMB05F Fantasy in Narnia and Middle Earth

HUMB09Y Introduction to Cinema

HUMB15Y Nineteenth-Century Poetry: Aestheticism

HUMC01F Lyric Poetry of the Middle Ages in the Mediterranean Area

ITAB33S Aspects of Italian Thought in the XV and XVI Centuries: In Translation

LINA01Y General Linguistics

PHLB60F Philosophy in Literature

RUSB11Y 19th Century Russian Literature
RUSB21Y Twentieth Century Russian Literature

Fine Art

FARA01F 3L:T2W1F10

FARA02S 3L:T2W1F10

FARB02F 2L:T1F2

FARB03F 2L:T4R10

FARB04S 2L:T4R10

FARB10Y 6P:M12M1M2M3M4M5

FARB11Y 6P:M7EM8EM9E

R7ER8ER9E

FARB17Y 2L:T3F9

FARB19Y 2L:T11W10

MTWRFS (week days), E (classes commencing after 6 pm) L (lecture), T (tutorial), P (practical session).

In this subject library sources, slides, reproductions and photographs provide material for two approaches to study and interpretation:

i) Historically, as the visual and most concrete evidence of civilization by which the student will become acquainted with the main intellectual, religious, political and social trends as they have found expression in art. He will thus be introduced to a cultural history of a broad and international character.

ii) Aesthetically, as monuments of the creative mind. The interpretation of composition, of "design" in its wider sense, will make him aware of the value of beauty and give basis for intelligent aesthetic judgement.

Complementary courses in the humanities (e.g. History, Philosophy, Literature) are advised for students wishing to specialize in Fine Art. For postgraduate work in the History of Art, a reading knowledge of French and German, and, depending on specialization, Italian or Latin and Greek, is required; this can most easily be obtained during the undergraduate years.

FARA01F Introduction to the History of Ancient and Mediaeval Art

A broad introduction through the study of major monuments and trends. Students will be required to complete background readings as well as be conversant with the material in H. W. Janson's *History of Art*

Fall Course/Prerequisites: None/Corequisites: None

FARA02S Introduction to the History of Art from 1100 to the Present

Problems of methodology, iconography, and terminology in art from the Renaissance to the contemporary period. The course will include informal discussions between students and instructor.

Spring Course/Prerequisites: None/Corequisites: None

Instructor: Siebelhoff

FARB02F Gothic Art

The art and architecture of the years 1150 to 1420 in Western Europe will be studied to show its genesis, development, and diffusion, and

its position as a mirror of mediaeval culture.

Fall Course/Prerequisites: FARA01F/*Corequisites:* None

FARB03F Renaissance Art

The architecture, sculpture and painting of the Renaissance in Europe (ca. 1400-1600) with primary emphasis on Italy.

Fall Course/Prerequisites: FARA02S/*Corequisites:* None

FARB04S Baroque Art

Art and architecture in Europe, ca. 1600-1700.

Spring Course/Prerequisites: FARA02S/*Corequisites:* None

FARB10Y Workshop and Seminar in the Practice and Theory of Art

Projects in various media, embracing traditional, mixed, and experimental modes, will be supplemented by seminar discussions.

Year Course/Prerequisites or Corequisites: FARA01F; FARA02S or equivalent

Note: Prospective students should register in the course and present a portfolio of their work to the Fine Art Department prior to September 1st. Final acceptance into the course will be dependent upon the decision of the instructor.

FARB11Y Intermediate Studio-Seminar

Major emphasis will be placed on contemporary issues and developments in the visual arts

Year Course/Prerequisites: FARB10Y/*Corequisites:* PHLB57F or PHLB57S

FARB17Y Baroque Painting in the Netherlands

The study of such figures as Rembrandt, Frans Hals, and Vermeer; Rubens and Van Dyck, in the context of the emerging bourgeois society.

Year Course/Prerequisites: FARA02S/*Corequisites:* None

Instructor: Siebelhoff

FARB18S French Rococo

An intensive study of the painting of Watteau, Boucher, Chardin, and Fragonard.

Spring Course/Prerequisites: FARA02S/*Corequisites:* None

Instructor: Scavizzi

(FARB23S Art and Culture in Fifth Century Greece)

Course not offered in 1971-2. An exploration of the culture of classical Greece through its architecture, sculpture, and vase painting.

Spring Course/Prerequisites: None/*Corequisites:* None

Students should also consult listing under

HUMB08S The Age of Augustus

PHLB57F Aesthetics

PHLB57S Aesthetics

French

FREA01Y	3T:M9W9F9/ M10W10F10/ M11W11F2 2P:T9/T10/T11/T12/ T1/T2/T3 and R9/R10/R11/R12/ R1/R2/R4	FREB22Y	1L:R7E 1T:R8E
FREA02Y	1L:T12/T7E 1T:R1/T8E	FREB23Y	2T:M7EM8E
FREA11Y	2T:W9R10	FREB26Y	1L:T9 1T:R12
FREB21Y	3L:M12R1F12/ M2W12R2 1P:M3/F2	FREB34Y	1L:W12 1T:F12
		FREB36Y	1L:T3 1T:R1
		FREC01Y	3L:M3T1W2/ M11T11W11 1P:R3

MTWRFS (week days), E (classes commencing after 6 p.m.) L (lecture), T (tutorial), P (practical session).

Our basic course, FREA01Y, assuming satisfactory completion of Grade 13 French or equivalent, is devoted to consolidating the previous experience of students in reading, writing and speaking French, while acquainting them with the range of advanced studies open to them in university and providing some significant experience in various areas, such as language, literature and civilization. This basic course will include intensive language practice, and much of this will involve carefully planned work in the language laboratory. Supplementary to the basic course, one literature course devoted to French literature of the nineteenth and twentieth century will be offered. In these courses the student will be introduced to the intensive study of vital works of literature and made aware of various critical approaches. Finally, one series of courses will be available designed for students who would like to continue their reading of French without studying the subject intensively.

More advanced courses in French will normally embrace a choice of up to four courses from the following groups: (1) the main trends of French and French-Canadian literature; (2) various genres—poetry, theatre, and the novel—in various periods; (3) advanced language and (4) language practice courses.

From such a wealth of courses students of widely differing tastes and needs may select satisfying programmes.

FREA01Y Preparation for University French Studies

A basic course for students intending to devote a significant part of their undergraduate studies to French language and/or literature. The major part of it is devoted to practical language work (phonetics, language laboratory, oral classes, written composition).

Year Course/Prerequisites: Grade 13 French/Corequisites: None

FREA02Y Studies in Modern French Literature

A detailed study of selected works from the fields of French poetry; novels and dramas of the 19th and 20th centuries. The course is intended as a practical introduction to techniques of literary criticism and analysis as applied to French literary works.

Year Course/Prerequisites: Grade 13 French/Corequisites: FREA01Y

Instructor: Bancroft, Moes

FREA11Y Readings in French Literature

For students who do not intend to devote a large part of their studies to French language and/or literature. The course will concentrate each year on one particular mode or theme. For 1971-72 the theme will be "Man and society in French fiction", a study of sociological problems as reflected in selected works of contemporary French and French Canadian fiction. Classes conducted in English.

Year Course/Prerequisites: Reading knowledge of French tested by an entrance examination for those without Grade 13 French.

Corequisites: None

Instructor: Doucette

FREB21Y Language Practice

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB01Y]. A continuation of first year language work, including grammar, composition, oral practice, pattern drills and language laboratory work.

Year Course/Prerequisites: FREA01Y/Corequisites: None

Instructor: Trembley, Walker

FREB22Y The Classical Current

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB02Y]. This course is primarily concerned with the 17th century and the great writers of that period; however, works from other periods which are in some way related may also be studied.

Year Course/Prerequisites: FREA01Y/Corequisites: None

Instructor: Moes

FREB23Y General History of the French Language

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB05Y]. General history of the French language, with attention given in first term to its development from Latin to modern French, in spring term its evolution abroad, particularly in Canada.

Year Course/Prerequisites: FREA01Y/Corequisites: None

Instructor: Kirkness

(FREB24Y The Philosophical Current in French Literature)

Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB04Y]. This course is primarily intended to study the works of the 18th century "philosophes", such as Montesquieu, Voltaire and Rousseau. However, works from other

periods which are related in some way may also be studied.

Year Course/Prerequisites: FREA01Y/Corequisites: None

(FREB25Y Introduction to French Linguistics)

Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB03Y]. A study of linguistic theories from the beginning of the 20th century as applied to modern French.

Year Course/Prerequisites: FREA01Y/Corequisites: None

FREB26Y The Romantic Current in French Literature

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB06Y]. This course is primarily a study of some of the works (poetry, prose, drama) of the main writers associated with French Romanticism in the 19th century. However, works from other periods which are in some way related may also be studied.

Year Course/Prerequisites: FREA01Y/Corequisites: None

(FREB28Y French Drama from 1600-1800)

Course not offered in 1971-2. This course provides a study of dramatic styles and techniques through a reading of representative plays of the 17th and 18th centuries.

Year Course/Prerequisites: FREA01Y/Corequisites: None

(FREB30Y French Drama from 1800)

Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB08Y]. This course is primarily intended to provide a means of understanding various dramatic styles and techniques through a study of representative French plays of the 19th and 20th centuries.

Year Course/Prerequisites: FREA01Y/Corequisites: None

(FREB32Y French Prose Fiction from 1800-1900)

Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB10Y]. A study of important prose works (novels and short stories) representative of the main currents of 19th century French literature (Romanticism, Realism, Naturalism, etc.)

Year Course/Prerequisites: FREA01Y/Corequisites: None

FREB34Y French Prose Fiction from 1900

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB12Y]. A study of important prose works (novels and short stories) representative of the main trends of 20th century French literature.

Year Course/Prerequisites: FREA01Y/Corequisites: None

Instructor: Bancroft

FREB36Y The Literature of French Canada

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB16Y]. A study of representative works of French-Canadian lit-

erature from a historical and esthetic point of view with main emphasis on the contemporary period.

Year Course/Prerequisites: FREA01Y/Corequisites: None

Instructor: Doucette

FREC01Y

Language Practice

This course is a continuation of FREB21Y and is designed to advance the student's competence in written and spoken French.

Year Course/Prerequisites: FREB21Y or FREB01Y/Corequisites: None

Instructor: Trembley

Students should also consult listing under

PHLB60F Philosophy in Literature

Geography

SOSA01F	2L:T10R10 1T:R11/R12/R3/R4	GGRB05Y	2L:F11F2/M7EM8E 1T:F3/M9E
GGRA01Y	Summer Evening Extension only	GGRB06Y	2L:T9R9 1T:T12
GGRA03F	2L:R7ER8E 1T:R9E	GGRB07Y	2L:W4W5 2P:R9R10
GGRA03S	2L:T10R10 1T:T9/T11	GGRB08Y	2L:W11W12 2T:F9F10
GGRA06F	2L:T11T12/ W7EW8E 1T:T3/T4/W10/ W11/W6E/W9E	GGRB09Y	2L:M2M3 2T:M9M10
GGRA07S	2L:T11T12/ W7EW8E 1T:T3/T4/W10/ W11/W6E/W9E	GGRC01Y	Arrange with Instructor
GGRA08F	2L:W1F12 1T:R2/R3/R4/ F9/F10	GGRC02Y	4T:M11M12R11R12
GGRA09F	2L:T7ET8E 1T:T6E/T9E	GGRC03S	2L:W9W10 1T:R9
GGRA09S	2L:W1F12 1T:R2/R3/R4/ F9/F10	GGRC05F	2L:T11T12 1T:T4
GGRB01Y	2L:M1F1/W7EW8E 1T:W3/W4/W9E	GGRC06S	2L:W9W10 1T:W2
GGRB02Y	2L:M2M3 2P:M9M10	GGRC07Y	Arrange with Instructor
GGRB03Y	2L:T3R2 1T:T1/T2	GGRC08F	2L:W12W1 1T:W3
		GGRC09S	2L:W12W1 1T:W3

Geography is concerned with the spatial distribution of physical and human phenomena and with the associations of phenomena that distinguish one area of the earth's surface from another.

The face of the earth is made up of many different kinds of features, each of which is the momentary result of a continuing process. Many kinds of physical and cultural processes operate and the result of the interaction of these processes is that the face of the earth is composed of a mosaic of distinctive areas. Geography seeks to interpret the significance of the similarities and differences among areas in terms of causes and consequences.

The number of courses offered in Geography at Scarborough is expanding as the College grows. At the present time not all of the courses required for the 'Specialist in Geography' programme on the St. George campus are available at Scarborough. Students who are interested in obtaining a specialist degree in Geography must consult the current St. George campus calendar and confer with Geography faculty at Scarborough College.

Students interested in majoring in the subject are advised to include the full range of introductory Geography courses and GGRB02Y in their programme. The introductory programme in Geography consists of six half courses. These are timetabled in such a way that they can be taken as three full courses. Geography A06F and A07S are scheduled at the same time; Geography A08F and Geography A09S lectures and tutorials are held at the same time and Geography A03S and Social Science Statistics SOSA01F lectures are timetabled at identical times.

The additional grouping of Geography courses selected will depend on the particular interests of each student (for example some will wish to concentrate on Physical Geography, others on Human Geography and others on Area Studies) and on the careers or advanced studies they are likely to embark upon. Certain courses in Chemistry, Physics, and Biological Sciences would be especially useful to the student of Physical Geography while other courses in Economics, Political Science, Anthropology and Sociology would be of benefit to those students most interested in Human Geography. Members of the faculty can provide detailed advice on course selection and the planning of a coherent and logical programme of studies.

SOSA01F Quantitative Methods in Social Sciences

This course introduces basic statistical methods with applications primarily to the Social Sciences. Students in Economics, Geography and Political Science should note that this course is prerequisite to certain courses in those fields. No students will be admitted after the third lecture.

Fall Course/Prerequisites: None/Corequisites: None

Instructor: Sawyer

GGRA01Y Introduction to Human Geography

An introduction to the main ideas and fields of interest in Human Geography, including the distribution and growth of world population, major cultural and economic contrasts, forms of settlement and urbanization. This course involves lecture, practical and seminar work.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Tayyeb

GGRA03F Introduction to Geography: Geographic Methods I GGRA03S Cartographic and Field Methods

Maps and field work are integral parts of almost all geographical work. This course illustrates the fundamental importance of maps and field work in teaching, research and many aspects of everyday life. One of the basic aims of the course is to provide students with an introduction to the compilation, construction, interpretation and use of a variety of types of maps. The course introduces some of the simpler basic field work techniques frequently used by geographers.

Fall and Spring Course/Prerequisites: None/Corequisites: None

Instructor: Sparrow

GGRA06F Introduction to Geography: Environmental Analysis

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS GGRA02Y]. Studies of the environment of man following the philosophical traditions of Geography and allied Physical Sciences. The approach is analytical and conceptual aimed towards measured predictive capabilities. Subjects include spatial and temporal orientation to landscape phenomena, measurement, scale and co-ordinate representation, atmospheric, biotic, and soils systems, resource identification and analysis, and environmental hazards with particular attention to environmental pollution.

Fall Course/Prerequisites: None/Corequisites: None

Instructor: Francis

GGRA07S Introduction to Geography: The Surface of the Earth

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS GGRA02Y.] An introductory survey of the principles of physical geology and physical geography involved in the evaluation of man's physical environment. Included is a brief review of earth materials, the rock cycle, subsurface and surface processes, structure of the atmosphere, and current theories on the origin and development of the lithosphere and biosphere.

Spring Course/Prerequisites: None/Corequisites: None—a background in Science will be helpful but not essential.

Instructor: Greenwood

GGRA08F Introduction to Geography: Regional Analysis

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS

GGRA01Y]. An introduction to the concepts, methods and practice of regional study in Geography. Theoretical regionalism in Geography, administrative regionalism and literary regionalism; the region as a concept, from "natural regions" to regional science; regional description and analysis. The course includes a field excursion and the preparation of a report on a selected region in eastern Ontario.

Fall Course/Prerequisites: None/Corequisites: None

Instructor: Cave

GGRA09F Introduction to Geography: Spatial Analysis

GGRA09S [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS GGRA01Y] The spatial organization of society; elementary location theory, land use and spatial interaction. Problems of the spatial structure of contemporary western economies; poverty, regional underdevelopment; spatial inequality. Development objectives in a spatial economy.

Fall and Spring Course/Prerequisites: None/Corequisites: None

Instructor: Hewings

GGRB01Y Geography of Resources

Problems of resource use with particular reference to their environmental setting. The course has four main sections — 1) definition and classification of resources, 2) special problems relating to agricultural resources, 3) specific aspects of the use of non-agricultural resources, and finally, 4) an examination of the use/misuse and abuse of resources.

Year Course/Prerequisites: GGRA01Y or GGRA02Y, (or, after 1971-72 GGRA06F; GGRA07S or GGRA08F; GGRA09S)/Corequisites: None

Instructor: Tayyeb

GGRB02Y Geographic Methods II: Analytical and Quantitative Methods

Identification of geographical problems and selection of data; tests of simple hypotheses; correlation and regression; regionalization and allocation problems. Diffusion and probability models; the use of analogues from physical and social sciences; surface analysis; evaluation of findings.

Year Course/Prerequisites: GGRA01Y or GGRA02Y, (or, after 1971-72, GGRA06F; GGRA07S; or GGRA08F; GGRA09S); GGRA03S; SOSA01F
Corequisites: None

Instructor: Hewings

GGRB03Y Climatology

The course investigates the main aspects of physical climatology and introduces the student to the dynamics of the earth's atmosphere. The second half of the course concentrates on applied climatology and deals with topics such as atmospheric pollution and urban climates. The tutorial work includes practical work with simple climatic instruments and enables students to supplement material covered in the lecture schedule.

Year Course/Prerequisites: GGRA02Y (or, after 1971-72, GGRA06F; GGRA07S)/Corequisites: None

Instructor: Sparrow

GGRB05Y Urban Geography

An introductory course focusing on the characteristics and major problems of Canadian cities. The course is organized in three main sections: urban theory, the development of Canadian cities and urban problems. Topics discussed include urbanization and processes of urban growth; systems of cities; urban form and design; spatial structure of land uses; distinctive socio-economic areas within cities; circulation; transportation; immigration; city planning and urban renewal.

Year Course/Prerequisites: GGRA01Y (or, after 1971-72, GGRA09S)
Corequisites: None

Instructor: Cave

GGRB06Y The Geography of Economic Activities

An introduction to the Geography of world economic activities, including an examination of: the geographical variation in the level of economic development, the inter-relationship of consumption, production and exchange, the process of agricultural and industrial production, economic and location theory, transportation, the growth of service industries, and problems of economic development.

Year Course/Prerequisites: GGRA01Y (or, after 1971-72, GGRA08F; GGRA09S); GGRB02Y/Corequisites: None

Instructor: Bunce

GGRB07Y Geomorphology

A detailed examination of the processes contributing to the continuing modification of the earth's surface features. The course is centred around the theme 'Morphology and Process' and can be divided into two term units: 1) Morphology and Process: The Pleistocene, 2) Morphology and Process: Recent Fluvial and Coastal Geomorphology. In each component an attempt will be made to illustrate the relations between the mechanics of erosion, transportation and deposition and the landscape form.

Year Course/Prerequisites: GGRA02Y (or, after 1971-72, GGRA07S); GGRB02Y; GGRB03Y/Corequisites: None

Instructor: Greenwood

GGRB08Y Geography of Underdeveloped Areas

An examination of the definition, nature, performance and problems of underdeveloped areas. It involves a discussion of underdevelopment as a phenomenon, a condition and a process and their expression as geographically distinct realities. The course involves considerable reading and constant participation by the student

through discussions and seminars. A background in Economics would be useful.

Year Course/Prerequisites: GGRA01Y (or, after 1971-72, GGRA08F; GGRA09S); GGRB02Y/*Corequisites:* None

Instructor: Tayyeb

GGRB09Y Special Topics
(1971-2: Advanced Geographic Methods)

Advanced analytical and quantitative techniques currently used in Geography will be considered. Laboratory work will deal with examples of specific techniques discussed in the lecture course.

Year Course/Prerequisites: GGRB02Y/*Corequisites:* None

Instructor: Staff

GGRC01Y Supervised Research

Students will be required to complete a dissertation and discuss it with an examining committee. The topic for the research project should be selected by the end of the third year of study and must be approved by a staff supervisor. Students should start work on the project during the summer preceding their fourth year, and complete most or all of their field work during this period.

Year Course/Prerequisites: Any fifteen courses. By the end of the student's fourth year, at least eight courses in Geography (not including GGRC01Y) must have been completed/*Corequisites:* None

Instructor: Staff

GGRC02Y Rural Land Use

The course sets out to examine the major aspects of rural land use, firstly on the global scale, and secondly in the context of Ontario. The nature of agricultural and rural community systems of various parts of the world will be comparatively studied against both a theoretical and empirical background. At the provincial level rural settlement and land use in Ontario will be discussed, both in terms of historical development and of contemporary problems facing agriculture and rural development. Reading and seminar discussion will form the basis of the course.

Year Course/Prerequisites: GGRB02Y; GGRB06Y/*Corequisites:* None

Instructor: Bunce

GGRC03S Regional Industrial Analysis and Development

Industrial location theory of individual and sets of activities. Theories of regional economic growth; spatial structure of regional and inter-regional systems. Examination of public policy in regional development from both theoretical and empirical standpoints.

Spring Course/Prerequisites: ECOB01Y; GGRB02Y/*Corequisites:* None

Instructor: Hewings

(GGRC04S Urbanization in Ontario)

Course not offered in 1971-2. An advanced discussion course dealing with the effects of urbanization on the southern Ontario landscape under the following headings: the history of urbanization in Southern Ontario; the urban development process; Ontario townscapes; urbanization of the rural landscape. Discussions will focus mainly on case studies of selected topics including: "project-building" in the City; images of city form; planning for regional growth in Metropolitan Toronto; speculation and the urban shadow; conflicts in Niagara; the Ontario lakeshore; ex-urban living; small-towns and central places in Ontario; idle land and speculation; cottages and recreation.

Spring Course/Prerequisites: GGRB05Y/*Corequisites:* None

Instructor: Cave

GGRC05F Theory and Method in Modern Quantitative Geomorphology

This advanced course examines theoretical models of landscape evolution in relation to recent experimental and field studies on geomorphological processes. The course will involve seminar and project work rather than lectures, and students will be expected to undertake considerable reading assignments.

Fall Course/Prerequisites: GGRB07Y/*Corequisites:* None

Instructor: Greenwood

GGRC06S Biogeography

Selected aspects of plant and animal geography will be discussed in this course which will involve both lectures and seminars. Fundamental concepts in Biogeography and Ecology will be considered in relation to the specific processes affecting plant and animal distributions.

Spring Course/Prerequisites: GGRA02Y (or, after 1971-72, GGRA06F; GGRA07S); GGRB03Y; at least 2 other B-level Geography courses/*Corequisites:* None

Instructor: Sparrow

GGRC07Y Advanced Readings in Selected Fields of Geography

Advanced reading and study courses with a programme to be planned in consultation between students and instructors.

Year Course/Prerequisites: At least 3 B level Geography courses; permission of instructor/*Corequisites:* None

Instructor: Staff

GGRC08F Field Problems in Geography

Professional procedures in the design and execution of field research in Geography. This course is directed to meet the requirements of students expecting to undertake professional work in Geography or related fields. A variety of technical procedures are presented and a

number of problems assigned which are orientated to the particular requirements of the participants.

Fall Course/Prerequisites: GGRB02Y; at least 2 other B level Geography courses/*Corequisites:* None

Instructor: Francis

GGRC09S Canada North of Sixty

A seminar in Resource Geography dealing with selected problems in arctic resource perception, analysis and evaluation including the analysis of arctic operational systems, biotic systems, terrain systems, and human economic and cultural systems. For specific subjects, a comparative approach may be taken using Soviet, Alaskan, Scandinavian and Danish analogues. Students will assume considerable responsibility for setting specific subject content and direction of the seminar.

Spring Course/Prerequisites: GGRB02Y; at least 2 other B level Geography courses/*Corequisites:* None

Instructor: Francis

German

GERA01Y 3L: M9W2F3
2P: F9W4

GERB01F 3L: M3W3F12

GERB02F 3L: M10W12F10

GERB03S 3L: M3W3F12

GERB04H 2T: M2W4

GERB11Y 3L: T1W9R1

GERB15S 3L: T2R2F2

GERB16F 3L: T2R2F2

GERB17Y 2L: W7EW8E

GERC02F Arrange with
Instructor

GERC03S Arrange with
Instructor

GERC04H 2T: M11W11

MTWRFS (week days), E (classes commencing after 6 pm) L (lecture), T (tutorial), P (practical session).

For the past centuries Germany, together with Austria and German-speaking Switzerland, has played important roles in European life, both as leaders in commerce and industry and as the homeland of great musicians, philosophers, scientists, psychologists, and religious and political thinkers. Their scholars are unrivalled in such fields as Biblical Studies, Medieval Studies, Philosophy, Archeology, Art and Music History and Physics and Chemistry. German literature is equally distinguished. It has been concerned with the widest range of human problems, philosophical and psychological, social and economic, moral and religious.

The courses in German offer a thorough study of the language and of the important authors from the Middle Ages to modern times. Language study includes phonetics and laboratory work, oral expression, translation, and essay-writing.

GERA01Y Introduction to German Language and Literature

Intensive language work, focusing on oral and written composition. Close readings of poetry, drama, and prose of the 20th century.

Year Course/Prerequisites: Grade 13 or equivalent/*Corequisites:* None

GERB01F German Literature before 1775

The course is to provide the student with a background in German literary history, so that he will be better equipped to understand the development from the middle of the 18th century onward.

Fall Course/Prerequisites: GERA01Y/*Corequisites:* GERB04H

Instructor: Wittmann

GERB02F 20th Century Prose

A study of essays, novels, short stories, and novellas by such authors as Mann, Musil, Kafka, Brecht, Böll, Grass.

Fall Course/Prerequisites: GERA01Y/*Corequisites:* GERB04H

GERB03S 20th Century Drama and Poetry

The course will deal with plays by Wedekind, representative playwrights of Expressionism, Brecht, Frisch, Dürrenmatt, younger German writers such as Hochhuth, Kipphardt, Weiss. The poetry will be selected from the works of Rilke, George, Hoffmannsthal; the Expressionists Heym, Trakl, Benn, Lasker-Schuler; Kaschnitz, Celan, Enzensberger.

Spring Course/Prerequisites: GERA01Y/*Corequisites:* GERB04H

GERB04H Advanced Conversation and Composition

A continuation of the language work done in GERA01Y on a higher level.

Year-long Half Course/Prerequisites: GERA01Y/*Corequisites:*

Any one of: GERB01F, GERB02F, GERB03S, GERB11Y, GERB12Y, GERB15S, GERB16F

GERB11Y Classicism

The classical works of Schiller and Goethe will be at the core of this course. At the same time, literary critical and cultural critical writings by such men as Winckelmann and Herder will be discussed along with essays and the exchange of letters by Schiller and Goethe.

Year Course/Prerequisites: GERA01Y/*Corequisites:* GERB04H

(GERB12Y Literature of "Sturm und Drang" and Romanticism)

Course not offered in 1971-2. The early dramatic and poetic writings of Goethe and Schiller, e.g. *Götz von Berlichingen* and *Die Rauber*, will be studied along with works by authors such as Lenz, Klinger, et. al. The themes and forms first emerging in the Sturm und Drang will be shown to find renewed and somewhat altered expressions in the critical deliberations of the Schlegel brothers and their

friends, as well as in the poetry and prose of such writers as Novalis, Tieck, Brentano, and Eichendorf.

Year Course/Prerequisites: GERA01Y/*Corequisites:* GERB04H

GERB15S 19th Century Prose

The course will be concerned with the novellas and novels by writers such as Storm, Droste-Hülshoff, E. T. A. Hoffmann, Keller, Fontane, Hauptmann, et al.

Spring Course/Prerequisites: GERA01Y/*Corequisites:* GERB04H

GERB16F 19th Century Drama and Poetry

The development of drama from Büchner to Hauptmann. The discussion of plays by these authors and by Grabbe, Grillparzer, and Hebbel will show different tendencies evolving at this time, often summarily referred to as dramatic theatre versus epic theatre. The poems will be selected from the late Romanticists, some of the above mentioned authors, Heine, Mörike, et al.

Fall Course/Prerequisites: GERA01Y/*Corequisites:* GERB04H

GERB17Y The German Novel from Goethe to Grass (Texts in English Translation)

Readings, analysis and discussion of major novels by Goethe, Stifter, Keller, Th. Mann, Hesse, Musil, Grass, et al. [This course does not count towards fulfilment of specialist requirement at St. George campus]

Year Course/Prerequisites: None/*Corequisites:* None

GERC02F Seminars on Special Topics

The contents of these seminars will be agreed upon by the professor and the student(s) involved. The topics, generally speaking, will be more specialised than in any of the other courses, the work more intensive.

Fall Course/Prerequisites: GERA01Y; GERB04H

Corequisites: GERC04H

GERC03S Seminars on Special Topics

See GERC02F above.

Spring Course/Prerequisites: GERA01Y; GERB04H

Corequisites: GERC04H

GERC04H Stylistics

Building on the more general language work done in GERA01Y and GERB04H, this course will be concerned with the finer points of expository and creative writing and close text analysis.

Year-long Half Course/Prerequisites: GERA01Y; GERB04H

Corequisites: Any one of GERB02F, GERB03S, GERB11Y, GERB12Y, GERB15S, GERB16F, GERC02F, GERC03S

Students should also consult listing under

HUMB01S Emergence of Modern Prose

HUMB02F Guilt and Conscience in Post-World War II Literature



History

HISA01Y	2L:T2R9 1T:W9/W10/W11/ W12/W3/W4	HISB21F	2L:T4R4 1T:F11/F12/F3/
HISB01Y	2L:T10R9/T7ET8E 1T:R10/R11/R1/ F2/F3/T9E	HISB22S	2L:T4R4 1T:F11/F12/F3
HISB03Y	2L:T4R1/W7EW8E 1T:M4/T10/T11/T1/ R3/R4/R5/W9E	HISB31Y	1L:W1 1T:R9/R10/R2
HISB05F	2L:T1R4/M7EM8E 1T:R11/R12/F9/F10/ F11/M6E/M9E	HISB35Y	1L:R7E 1T:M1/M2/R8E
HISB06S	2L:T1R4/M7EM8E 1T:R11/R12/F9/F10/ F11/M6E/M9E	HISC01F	Arrange with Instructor
HISB09Y	2L:M2R2 1T:T3/R3	HISC02S	Arrange with Instructor
HISB13Y	2T:T11T12/R11R12	HISC11Y	2T:M11M12
HISB17Y	1L:M4 1T:T11/R3/R4	HISC15Y	2T:R3R4
		HISC17Y	2T:R11R12
		HISC21F	2T:W10W11
		HISC22S	2T:W10W11
		HISC33Y	2T:T1T2

MTWRFS (week days), E (classes commencing after 6 p.m.), L (lecture), T (tutorial), P (practical session).

History is an humanistic discipline which contributes to a fuller understanding of the present by the examination of the activities of men and societies in the past. It is also related to the social sciences whose findings depend on precise evaluation of evidence. The History programme consists of two different types of courses. In the A and B series the instructor provides by means of lectures and tutorials the opportunity for informed discussion of major issues within a broad historical field. In the C series, students investigate a specific problem in depth through a close study of primary sources and other available evidence, and present their findings in a major paper. Because of their nature, enrolment in C series courses is limited. Students are strongly advised to enrol in no more than two C series courses or their equivalent in any one academic year. Courses in Greek and Roman History are listed in this calendar under the heading Classics.

Students who intend to follow a programme or to qualify for graduate study in History should consult with members of the faculty as early as possible in order to establish coherence in their studies. They should aim to complete during four years at least nine full year history courses or their equivalent, including HISA01Y.

HISA01Y Introduction to European History

A survey of European society from the Middle Ages to the present. This course will examine major trends in politics, economy, society and thought. Reading will be from selected primary and secondary sources. This course serves as a prerequisite to advanced courses in European history.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Eksteins, Pearl

HISB01Y British History Since 1785

An examination of the forces, political, social, economic and religious, which transformed an aristocratic society into a world-wide industrial power and the reason for its subsequent decline.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Kenyon

HISB03Y History of the United States

General survey of American political economic and diplomatic history from the Revolution to the present day.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Sheps, Dick

HISB05F Canadian History to 1867

Exploration and settlement; the institutions and life of New France; the British Conquest and its results in North America; the impact of the American Revolution on British North America; the economic, political and social developments of the British colonies in North America; the confederation movement.

Fall Course/Prerequisites: None/Corequisites: None

HISB06S Canadian History Since Confederation

Confederation and the consolidation of the Dominion; national development and World War I; the development of dominion status; the Great Depression and regional political reactions; external relations and involvement in World War II.

Spring Course/Prerequisites: None/Corequisites: None

(HISB07Y Russia Since the Ninth Century)

Course not offered in 1971-2. The Russian people, state and culture with emphasis on major institutional, social and ideological changes. First term: the origins of Russian history, paganism and Christianity, Mongol influences, the forging of Muscovite autocracy, westernization to 1800; Second term: the imperial regime, the radical intelligentsia, the Revolution and the establishment of the Soviet regime, the Stalin revolution in agriculture, industry and society, foreign relations.

Year Course/Prerequisites: None/Corequisites: None

HISB09Y Europe 400-1100

The breakdown of the Roman Empire and the reconstruction of society in the early Middle Ages, with emphasis on the development and interaction of social and political structures. The focus is on Western Europe, but attention is also paid to the Byzantine Empire, for purposes of comparison. The course will emphasize close study of the primary sources for the period; these sources will be read in translation.

Year Course/Prerequisites: None/*Corequisites:* None
Instructor: Corbett

HISB13Y European Urban History

This seminar will examine the city as a historical institution from the rise of the Mediaeval town to the city of the industrial age. Emphasis will be upon social and intellectual factors, though other areas such as urban planning and architecture will be discussed.

Year Course/Prerequisites: HISA01Y/*Corequisites:* None
Instructor: Pearl

HISB17Y Germany from Bismarck to Brandt

A thematic treatment of German history from the mid-nineteenth century to the present, concentrating on ideas and movements in politics, society and culture.

Year Course/Prerequisites: HISA01Y/*Corequisites:* None
Instructor: Eksteins

HISB21F Frontier Communities in the British Empire-Commonwealth

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HISB19Y] A comparative study of the influence of frontiers on the development of new nations. Major issues in the history of Australia, New Zealand and Southern Africa, such as settlement, class structure, race relations, democracy and nationalism, and relations with the metropolitan power, are considered.

Fall Course/Prerequisites: HISB01Y/*Corequisites:* None
Instructor: Kenyon

HISB22S British Imperialism in Asia and Africa

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HISB19Y] An examination of imperialism in its impact on the non-European world. Major themes: the motives behind British imperialism, the problems of administration, the transfer of power, neo-colonialism.

Spring Course/Prerequisites: HISB01Y/*Corequisites:* None
Instructor: Kenyon

HISB31Y The South before the Civil War

Social structure and social conflict in the old South, the development of southern culture, the relationship between ideology and institutions. Slavery as a social and economic system, the political

economy and practices of the South, and the growth of southern nationalism and separatism from the colonial period to the Confederacy.

Year Course/Prerequisites: HISB03Y/*Corequisites:* None
Instructor: Sheps

HISB35Y American Labour and the Left

A study of the personalities and institutions of American Labour and their relationship to the American Left from the beginnings of industrialization to the present. The course provides the opportunity to view the American past from a different perspective from standard histories.

Year Course/Prerequisites: HISB03Y/*Corequisites:* None
Instructor: Dick

(HISB41F Old Huronia)

Course not offered in 1971-2. The political, social, religious and economic life of the Huron Indians at the time of European contact: the Christian missions to the Hurons; the effects of European contact on Indian life: the collapse of the Jesuit missions and the dispersal of the Hurons. Examination of these and related aspects of Huron history will be based on extensive use of primary source material.

Fall Course/Prerequisites: HISB05F/*Corequisites:* None
Instructor: Moir

(HISB42S Church-State Relations in Canada)

Course not offered in 1971-2. A study based on primary source material of the connection of church and state in such areas as land endowment, education, legal establishment and social issues.

Spring Course/Prerequisites: HISB05F/*Corequisites:* None
Instructor: Moir

HISC01F Advanced Reading Programme on Special Topics

A reading and study course with a programme to be planned in consultation between student and instructor during the preceding academic year. The student will complete a research paper on which he will be given an oral examination by a committee of the faculty. In special circumstances may be made a year course.

Fall Course/Prerequisites: Permission of the Instructor
Corequisites: None
Instructor: The Faculty in History

HISC02S Advanced Reading Programme on Special Topics

See HISC01F above.

Spring Course/Prerequisites: Permission of the Instructor
Corequisites: None
Instructor: The Faculty in History

- HISC11Y Western Europe in the Seventeenth Century**
This seminar will examine numerous aspects of the civilization of the "Baroque Age." Emphasis in the first term will be on reading and discussion and in the second term on research projects.
Year Course/Prerequisites: HISA01Y; one B level History course
Corequisites: None
Instructor: Pearl
- HISC15Y Socialism in Theory and Practice**
Socialist ideas and institutions to 1914. During the first term, works of Marx, Proudhon and Bakunin will be studied. The second term examines the impact of their ideas on the political and labour organizations and leaders in countries associated with the First and Second Internationals.
Year Course/Prerequisites: HISA01Y; one B level History course. A course in Philosophy is also recommended/Corequisites: None
Instructor: Graham, Dick
- HISC17Y European Society and Culture between the World Wars**
An investigation of the impact of war, technological progress, economic distress and totalitarianism on the social condition and mind of European man, 1915-1945.
Year Course/Prerequisites: HISA01Y; one other B level History course. A reading knowledge of French and German, although not indispensable, would be very helpful/Corequisites: None
Instructor: Eksteins
- HISC21F Urbanization and Social Change in 19th Century England**
A study of the new social environment created by the growth of cities in an industrial community. Contemporary material will be used as widely as possible.
Fall Course/Prerequisites: HISB01Y/Corequisites: None
Instructor: Kenyon
- HISC22S Religion and English Society, 1750-1900**
Major themes of religious history set within a systematic examination of secular society: the relationship between religion and class structure, the social policies of church and sects; the nature of revivalism and popular religion, the growth of unbelief.
Spring Course/Prerequisites: HISB01Y/Corequisites: None
Instructor: Kenyon
- HISC33Y American Social and Intellectual History to 1860**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HISB33Y] Radical experiment and reaction in the New Republic. The ideas and institutions which helped to shape American society and politics with emphasis on religious and social radicalism, the problem of the Negro and Slavery, regional, especially southern cul-

ture, and political ideology. Concentration in the early 19th century, but themes of continuing influence from the pre-Revolutionary and Revolutionary period will also be examined.

Year Course/Prerequisites: HISB03Y/Corequisites: None

Instructor: Sheps

Students should also consult listing under

PHLB52F The State and the Citizen

Humanities

HUMB01S 2L:M3F3	HUMB09Y 3P:R4R5R6E
HUMB02F 2L:M3F3	2T:M4M5/T4T5
HUMB05F 2L:M1W1	HUMB15Y 3L:M5R4R5
HUMB06S 2L:T2R9	HUMC01F 3L:M9W10F10
HUMB07F 2L:T2R9	
HUMB08S 2L:W9F2	

MTWRFS (week days), E (classes commencing after 6 p.m.), L (lecture), T (tutorial), P (practical session).

- HUMB01S Emergence of Modern Prose**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LITB01F] A study of the "Crisis of Consciousness" and its impact on the subject-object relationship; a comparative analysis of narrative techniques as well as of the transformation of the empirical world in modern European literature. The following authors will be considered: Joyce, Woolf, Proust, Maeterlinck, Jacobsen, Hofmannsthal, Rilke, Musil, Kafka.
Reading knowledge of French, German or Russian recommended.
Spring Course/Prerequisites: None/Corequisites: None
Instructor: Wittmann
- HUMB02F Guilt and Conscience in Post-World War II Literature**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LITB02S] Estrangement and search for identity, guilt and conscience in post-World War II Russian and German literatures. An analysis of the literature of indictment including, among others, works by Böll, Borchert, Grass, Lenz, Dudintsev, Ehrenburg, Pasternak and Solzhenitsyn.
Reading knowledge of French, German or Russian recommended.
Fall Course/Prerequisites: None/Corequisites: None
Instructor: Ponomareff
- (HUMB04Y Contemporary Literatures in English: West Indies, Africa and Australia)**
Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LITB04Y] The course will endeavour to

compare and contrast the literature of the West Indies, Africa, India and Australia tracing similar themes and patterns that appear in the writings of all four areas.

The following authors will be considered: Wilson Harris, V. S. Naipaul, Chinua Achebe, Wole Soyinka, J. P. Clark, Roger Rao, Patrick White and Randolph Stow.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Howard

HUMB05F Fantasy in Narnia and Middle Earth

An examination of the novels of William Morris, Lord Dunsany, George MacDonald, C. S. Lewis, Charles Williams, and J. R. R. Tolkien with a view towards the role of the fantasy novel as a reflection of the modern world and as an escape from it.

Fall Course/Prerequisites: None/*Corequisites:* None

Instructor: Salus

HUMB06S Love and Friendship

A study of views held by the Greeks and Romans on the nature of love and friendship, especially those expressed by Plato, *Symposium* (On love) and *Lysis* (On friendship); Cicero *On friendship* and Ovid *The Art of Love*; also a look at famous friends and lovers, both historical and mythological, as they are described in classical literature.

Spring Course/Prerequisites: None/*Corequisites:* None

Instructor: Irwin

HUMB07F "The Ulysses Factor"

The literature of exploration: a study of a recurring motif—the "Odyssey"—in Greek, Latin, medieval, and modern literature, based on the Homeric archetype, Ulysses. (To include reading of J. R. L. Anderson's *The Ulysses Factor*.) [This is the first in a series of courses which will explore the significance in western culture of certain mythical themes and figures from a variety of points of view: those of Anthropology, Psychology, Literature, Music and Fine Art. Future possibilities include: Oedipus, Antigone, Orpheus.]

Fall Course/Prerequisites: None/*Corequisites:* None

Instructor: McDonald

HUMB08S The Age of Augustus

Rome in transition from Republic to Principate, with reading of the *Aeneid* of Virgil as well as selections from Horace and Ovid. Representative pieces of Roman art and architecture, such as the *Ara Pacis*, will also be studied; and the contemporary consciousness of both literature and art as they expanded in new directions will be examined.

Spring Course/Prerequisites: None/*Corequisites:* None

Instructor: McDonald

HUMB09Y Introduction to Cinema

The intention of the course is to introduce the student to the vocabulary of film criticism, major aesthetic approaches, general history (silent and sound), and the rudiments of technique. Films will be shown on the average of one each week. Recommended preliminary reading: Stephenson and Debrix, *The Cinema as Art*, or Bobker, *The Elements of Film*; Brounlow, *The Parade Has Gone By*; Lindgren, *The Art of the Film*.

Year Course/Prerequisites: One previous course in Literature or Fine Art/*Corequisites:* None

Instructor: Martineau, Oliver

HUMB15Y Nineteenth-Century Poetry: Aestheticism

Aesthetic trends in the poetry of France, England, and Spanish-America in the second half of the Nineteenth Century—Parnasianism, Symbolism, Pre-Raphaelitism, and Modernism—will be examined through the comparative analysis of representative texts.

Year Course/Prerequisites: Reading knowledge of Spanish or French/*Corequisites:* None

Instructor: Skyrme

HUMC01F Lyric Poetry of the Middle Ages in the Mediterranean Area

A comparative analysis of one or several representative texts or collections of texts from Hispano-Arabic, Galician-Portuguese, Castilian, Provençal, Catalán, Italian and Sicilian sources; supplementary lectures concerning Classical and Mediaeval Rhetorics and Arts of Poetry, versification, metrics and basic Mediaeval rhetorical terminology. Given in English. The student preferably should be in the 3rd or 4th year, and a literature student, with possibly Latin and/or one language other than English. Students are advised to consult with the instructor before registration.

Fall Course/Prerequisites: A B-level course in either a Romance Literature or English Literature/*Corequisites:* None

Instructor: Barta

Students should also consult listing under

CLAB04F Satire

CLAB09S Greek & Roman Comedy

CLAB21Y Greek & Roman Religion

GERB17Y The German Novel from Goethe to Grass

**ITAB33S Aspects of Italian Thought in the XV and XVI Centuries:
In Translation**

RUSB11Y 19th Century Russian Literature

RUSB21Y Twentieth Century Russian Literature

RUSB23S Soviet-Russian Underground Literature

Italian

ITA001Y	4L: M9W10F11F12 1P: W2	ITAB31Y	3T: M4W1F4
ITA002F	3L: M10W10F10	ITAB32S	3T: M3W3F3
ITA004S	3T: M2W2F12	ITAB33S	3T: M4W1F4
ITAB11Y	3T: M11W4F9	ITAB36F	3T: M5W5F11
ITAB21Y	3T: M3W11F1	ITAB40S	3T: M5W12F10
		ITAB41S	3T: M10W2W5

MTWRFS (week days), E (classes commencing after 6pm), L (lecture), T (tutorial), P (practical session).

The key to a comprehensive and coherent plan of study lies in personal academic counselling. Those students interested in a particular under-graduate programme in Italian Studies, or those wishing to continue their studies on a graduate level, or those planning to go to the College of Education, must discuss their programmes with their instructors at the earliest possible date.

There are also many courses given in other areas which may prove directly valuable to the student as adjuncts to his plan of studies, or may be of interest as an enrichment of his total programme. Those students interested in area or other interdisciplinary programmes must also confer with their instructors, in order to obtain every possible advantage which Scarborough College has to offer.

ITA001Y Introductory Italian

Main elements of the Italian grammar. Stress will also be given to oral practice in the classroom and in the laboratory. Short contemporary texts will be studied and translated in the second term.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Katz

ITA002F Intermediate Italian

Intensive review of the grammar. Drills, exercises and compositions to develop greater skill in writing and speaking the language.

Fall Course/Prerequisites: ITA001Y/Corequisites: None

Instructor: Costa

(ITA003S Conversation, Intermediate)

Course not offered in 1971-2. The aim is to enable the student to acquire a good working knowledge of the spoken language. Special attention will be given to idioms and special constructions.

Spring Term/Prerequisites: ITA001Y or Grade 13 Italian

Corequisites: None

ITA004S Advanced Composition and Conversation

Study and analysis of selected texts, translations and compositions. The aim of the course is to further develop the student's ability to

speak, read and write the language and to enable him to approach learned and literary texts with relative ease and confidence.

Spring Course/Prerequisites: ITA002F/Corequisites: None

Instructor: Costa

ITAB11Y Twentieth Century Literature and Culture

The aftermath of Italian unification. From Decadentism to Existentialism. The problems, issues, ideas and personalities in the last hundred years of Italian history as reflected in the novel, drama and poetry.

Year Course/Prerequisites: ITA002F/Corequisites: None

Instructor: Costa and others

ITAB21Y Introduction to Italian Literature

A survey of Italian literature, from the Middle Ages to the present. Emphasis will be given to periods and authors of major importance.

Year Course/Prerequisites: ITA002F/Corequisites: None

Instructor: Costa

ITAB31Y Dante and Medieval Culture

Introduction to Medieval Italian literature; its origin and development, leading up to Dante and the masterpiece of the Middle Ages. *The Divine Comedy*; a brief survey of his minor works; their significance in terms of the life and culture of the time.

Year Course/Prerequisites: ITA002F/Corequisites: None

Instructor: Franceschetti

ITAB32S Petrarch and Boccaccio

The *Canzoniere* and the *Decameron*. The rise of Humanistic thought and culture, the beginnings of the Renaissance.

Spring Term/Prerequisites: ITA002F/Corequisites: None

Instructor: Costa

ITAB33S Aspects of Italian Thought in the XV and XVI Centuries: In Translation

The origins of Italian Humanism with Petrarch and Boccaccio; its development in the XV Century with Valla, Ficino and Pico; its full flowering in the Renaissance with the political theories of Machiavelli and Guicciardini. A study of Castiglione's figure of *The Courtier*.

Spring Course/Prerequisites: None/Corequisites: None

Instructor: Franceschetti

(ITAB34S The Renaissance Epic)

Course not offered in 1971-2. A brief survey of the origins of epic poetry in the Middle Ages will precede the study of the masterpieces of the Renaissance Epic: Pulci's *Morgante*, Boiardo's *Orlando Innamorato*, and Ariosto's *Orlando Furioso*.

Spring Course/Prerequisites: ITA002F/Corequisites: None

- ITAB36F Lyric Poetry of the Renaissance (from Poliziano to Michelangelo)**
Conception of Love, Nature, Beauty and Life in 15th century poets (Poliziano, Lorenzo de'Medici, Boiardo). Petrarchism and Neo-Platonic love in the 16th century (Bembo, Stampa and Michelangelo).
Fall Course/Prerequisites: ITA002F/Corequisites: None
Instructor: Franceschetti
- ITAB40S Reformation and Baroque Literature**
The creation of a new lyric expression in Tasso's *Gerusalemme Liberata* and other poetry. Its development in Marino and the *Marinisti*. Aspects of philosophical, religious, political and historical thought of the period (Bruno, Campanella, Botero and Sarpi).
Spring Course/Prerequisites: ITA002F/Corequisites: None
Instructor: Franceschetti
- ITAB41S Italian Eighteenth Century Theatre**
The development of dramatic theory in eighteenth century Italy. Reading and analysis of selected plays by Metastasio, Goldoni and Alfieri.
Spring Course/Prerequisites: ITA002F/Corequisites: None
Instructor: Franceschetti
- (ITAB42H Italian Romanticism)**
Course not offered in 1971-2. Reading of selected works of Foscolo, Leopardi and Manzoni. The characteristics of Italian Romanticism, its connection with the movement of unification, in the context of European Romanticism.
Year-Long Half Course/Prerequisites: ITA002F/Corequisites: None

Linguistics

LINA01Y 3L: M9W1R9 LINB04F 2L: M1W1
LINB02S 2L: M2R2 LINB05S 2L: M1W1
LINB03F 2L: M2R2

MTWRFs (week days), E (classes commencing after 6 pm)
L (lecture), T (tutorial), P (practical session).

Students interested in graduate study in Linguistics might consider the following courses in addition to those listed under LIN:

ANTA01Y Introduction to Anthropology
BIOB14Y Human Physiology
ENGB01Y Old English Language and Literature
FREB23Y General History of the French Language
FREB25Y Introduction to French Linguistics
MATA20F Nature of Mathematics I
PHLB53F Symbolic Logic
PHLC66S Philosophy of Language
PSYB40F Learning
SPAB12S History of the Spanish Language

- LINA01Y General Linguistics**
In the introductory course various methods of linguistic analysis will be discussed as well as the sound and form systems which make up language. Among the questions considered will be the processes of producing and comprehending original utterances, first and second language acquisition, and the structures which underly actual utterances.
Year Course/Prerequisites: None/Corequisites: None
Instructor: Woods
- (LINB01F Bases of Linguistic Theory)**
Course not offered in 1971-2. An examination of the principal approaches to linguistic analysis. Several different contemporary theories will be studied. The function of models in linguistics; the notion of linguistics as a "science."
Fall Course/Prerequisites: LINA01Y/Corequisites: None
Instructor: Salus
- LINB02S Phonology**
The sounds of language and their analysis. Theoretical approaches to the sound patterns of various languages. Both synchronic and diachronic views of sound shift and sound change.
Spring Course/Prerequisites: LINA01Y/Corequisites: None
Instructor: Woods
- LINB03F Syntax**
Contemporary views of larger linguistic units, their analysis and constitution. Immediate constituent analysis and the transformational-generative approach.
Fall course/Prerequisites: LINA01Y/Corequisites: None
Instructor: Woods
- LINB04F Historical and Comparative Linguistics**
Language change and language relationships; Linguistic typology; language universals. The Indo-European family and other language families.
Fall Course/Prerequisites: None/Corequisites: None
Instructor: Grant
- LINB05S Psycholinguistics**
Primary language acquisition; language encoding and decoding; the perception of speech.
Spring Course/Pre- or Corequisites: LINA01Y
Instructor: Salus
- (LINB06S Semantics)**
Course not offered in 1971-2. The study of grammatical and lexical meaning. The interpretation and derivation of lexical information. The nature of ambiguity.

Spring Course/Prerequisites: LINB03F/Corequisites: None

Instructor: Woods

Mathematics

MATA20F 2L: W5R5	MATB30F 3L: M10R12R2
MATA25S 2L: W5R5	MATB35S 3L: M10R12R2
MATA40F 2L: M1F11/ R7ER8E	MATB40F 3L: M1R11F11
2T: M9M10/T9T10/ T11T12/R9R10/ R3R4/F3F4/R9E	MATB41F 3L: M4W4F9
MATA45S 2L: M1F11/ R7ER8E	MATB45S 3L: M1R11F11
2T: M9M10/T9T10/ T11T12/R9R10/R3R4/ F3F4/R9E	MATB50F 3L: M9W11F12
MATA55Y 2L: W12R11/R10F1/ T7ET8E	MATB51F 3L: W10R10F10
2T: M9M10/M3M4/ T9T10/T1T2/ T3T4/W2W3/ R9R10/R1R2/ F11F12/F3F4/T9E	MATB52F 3L: M3W3F3
MATA58S 2L: M2T11	MATB53F 3L: M12T9R9
2T: M9M10/M3M4 W11W12/R11R12 R3R4/F1F2	MATB55S 3L: M9W11F12
	MATB56S 3L: W10R10F10
	MATB57S 3L: M3W3F3
	MATB58S 3L: M12T9R9
	MATB68S 3L: T11T12F9
	MATC40F 3L: M11W2R3
	MATC45S 3L: M11W2R3
	MATC50F 3L: T10W11F12
	MATC55S 3L: T10W11F12
	MATC60F 3L: M2W12F2
	MATC65S 3L: M2W12F2

MTWRFS (week days), E (classes commencing after 6 pm) L (lecture), T (tutorial), P (practical session).

The immense importance of Mathematics in science derives from the power it confers on *deduction*, the process of drawing logically compelling consequences from assumptions. Mathematics enables the scientist to see logical relations among established facts that escape unaided reasoning just as telescopes, microscopes, spectroscopes, etc. help to discover facts that escape unaided senses. In this way, Mathematics helps to organize accumulated knowledge into coherent theories. Increasingly mathematical methods are being extended to apply to Behavioral and Social Sciences as well as to the Natural Sciences.

Besides its role in clarifying and organizing scientific knowledge, Mathematics is an intellectual discipline in its own right, providing a keen sense of esthetic appreciation to those who have learned its language.

MATA20F Nature of Mathematics I

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATA02Y.] Prime numbers. Cardinality. Topics in geometry. Historical approach to famous problems. (The aim is to give an insight into the nature of the discipline).

Fall Course/Prerequisites: None/Corequisites: None

MATA25S Nature of Mathematics II

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATA02Y.] Cartography. Games, lotteries and expectation. Paradoxes. Axiomatisation of mathematical systems.

Spring Course/Prerequisites: MATA20F/Corequisites: None

MATA40F Introduction to Linear Algebra

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATA03F.] Elementary Geometry in R^3 , cross- and dot-products. Complex numbers. Row and column vectors. Matrices. Determinants. Linear equations. Eigenvalues.

Fall Course/Prerequisites: Grade 13 Math A

Corequisites: None

MATA45S Linear Algebra I

Axiomatic definition of vector spaces. Linear dependence. Basis and dimension. Linear transformations. Inner product spaces.

Spring Course/Prerequisites: MATA40F/Corequisites: None

MATA55Y Calculus

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATA01Y.] Limits with epsilon-delta arguments. Differentiation, integration and the fundamental theorem of the calculus. Computations with exponentials and trigonometric functions. Theorem of the mean. Sequences, series. Power series and real analytic functions. Partial derivatives. Applications.

Year Course/Prerequisites: Grade 13 Math A/Corequisites: None

(MATA57 Probability)

Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATA04S.] Probability models, sampling, product models, conditional probability, random variables, special distributions.

Spring Course/Prerequisites: Grade 12 Math/Corequisites: None

MATA58S Introduction to Computing

Algorithms and flow charts. Introduction to stored programme computers and programming. Elementary applications in data processing. Non-numerical problems and simulations.

Spring Course/Prerequisites: Grade 13 Math A

Corequisites: MATA55Y or MATA40F

MATB30F Geometry I

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB05Y.] Isometries in Euclidean plane and space. Similarities. Inversion in a circle. The inversive plane. Circle preserving transformations. Non-Euclidean Geometry.

Fall Course/Prerequisites: MATA45S/Corequisites: None

MATB35S Geometry II

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB05Y.] Projective and affine geometry. Finite examples. The theorems of Desargues and Pappus. Projectivities, homologies, elations. The fundamental theorem of projective geometry; Free completions.

Spring Course/Prerequisites: MATB30F/Corequisites: None

MATB40F Linear Algebra II

Dual space, inner product spaces, orthonormal basis, eigenvalues, eigenvectors, reduction of symmetric matrices.

Fall Course/Prerequisites: MATA45S/Corequisites: None

MATB41F Vector Calculus

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB04F OR MATB50F.] Differential and integral calculus of vector functions of a vector variable, with emphasis on E^2 and E^3 . Partial Derivatives. Power series and analytic vector functions. Line, surface and multiple integrals. Gradient, curl, divergence. Green's Theorem and Stokes' Theorem. (This course concentrates on computational techniques with a careful statement of results but little emphasis on proofs.)

Fall Course/Prerequisites: MATA55Y; MATA45S
Corequisites: None

MATB45S Linear Algebra III

Canonical forms; bilinear, quadratic and hermitian forms; spectral properties; exterior algebra, tensors.

Spring Course/Prerequisites: MATB40F/Corequisites: None

MATB50F Analysis I

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB41F.] (Not recommended for students with less than B standing in prerequisites.) The theory of differential vector calculus and the topology of E^n . The derivative as a linear approximation. Partial derivatives. Inverse and implied function theorems. Analytic mappings. Metric, open and closed sets, connectedness and compactness in E^n . Continuous and uniformly continuous functions. (Emphasis on proofs and mathematical rigour.)

Fall Course/Prerequisites: MATA55Y; MATA45S
Corequisites: None

MATB51F Differential Equations I

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB07Y.] First and second order ordinary differential equations, operational methods, variation of parameters, solution in series.

Fall Course/Prerequisites: MATA55Y

Corequisites: MATA45S; MATB50F or MATB41F

MATB52F Probability and Statistics I

Sample space, random variables, univariate and bivariate distributions, correlation. Elementary statistical inference, point and interval estimation. Tests of significance, parametric and non-parametric.

Fall Course/Prerequisites: Grade 13 Math (Preferably Math B);
MATA55Y/Corequisites: None

MATB53F Numerical Methods

Numerical methods and their implementation on a computer. Solution of linear and non-linear equations. Illconditioned problems and error estimates. Numerical integration and solution of initial value problems in ordinary differential equations.

Fall Course/Prerequisite: MATA58S
Corequisites: MATA40F; MATA55Y.

MATB55S Analysis II

The theory of Integral Vector Calculus. Multiple integrals and transformation of variables. Integration of n forms. Exterior calculus in E^2 and E^3 . Line integrals, winding number, Green's theorem. Surface integrals and Stokes' theorem. (Mathematical rigour is emphasized.)

Spring Course/Prerequisites: MATB50F/Corequisites: None

MATB56S Differential Equations II

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB07Y.] Existence and uniqueness theorem for linear differential equations, dimension of the solution space. Variation of parameters and Green's functions. The Laplace transform. The gamma function. Separation and comparison theorems, self adjoint form. Bessel functions. Partial differential equations.

Spring Course/Prerequisites: MATB51F/Corequisites: None

MATB57S Probability and Statistics II

Distributions of functions of random variables. Analysis of variance. Selected applications, including design of experiments.

Spring Course/Prerequisites: MATB52F/Corequisites: None

MATB58S Problem Solving with Computers

Computer applications. Non-numerical problems and simulations. Validity of computer models. Linear programming. Graphs.

Spring Course/Prerequisites: MATB53F/Corequisites: None

MATB68S Programming Languages and Their Applications

Programming languages and applications. The syntax and semantics

of various programming languages, including both algebraic and symbol manipulation languages. Data structures. Numerical and non-numerical applications.

Spring Course/Prerequisites: MATA58S/*Corequisites:* None

MATC40F Algebra I

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB02Y.] The structure of groups, rings and fields. Integrers, congruences, factorization. Rational, real and complex fields.

Fall Course/Prerequisites: MATA45S; one B-level Mathematics course/*Corequisites:* None

MATC45S Algebra II

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB02Y.] Euclidean domains, polynomials, factorization and quotient fields, field extensions and finite fields, finite groups, Galois theory.

Spring Course/Prerequisites: MATC40F/*Corequisites:* None

MATC50F Real Analysis I

Set theory, sets and functions, power of a set, axiom of choice, systems of sets. Metric spaces, completeness, fixed point theorem. Topological spaces, compactness, real functions on metric and topological spaces. Linear spaces, Hahn-Banach theorem, normed linear spaces, topological linear spaces.

Fall Course/Prerequisites: MATB55S/*Corequisites:* None

(MATC51F Differential Equations III)

Course not offered in 1971-2. Bases in infinite dimensional Euclidian spaces. Fourier series. Boundary value problem for ordinary differential equations and for partial differential equations, wave and heat equations. Boundary value problem for Laplace's equation.

Fall Course/Prerequisites: MATB07Y or MATB56S

Corequisites: None

MATC55S Real Analysis II

Linear functionals, conjugate space, weak topology. Linear operators, completely continuous operators in Hilbert space. Measure and integration (the Stieltjes and Lebesgue integrals). Differentiation. Radon-Nikodym theorem.

Spring Course/Prerequisites: MATC50F/*Corequisites:* None

MATC60F Complex Analysis I

Complex plane, Riemann sphere, Möbius transformations. Holomorphic functions. Cauchy's integral formula. Taylor and Laurent expansions.

Fall Course/Prerequisites: MATB55S or MATB41F

Corequisites: None

MATC65S Complex Analysis II

Rouché's theorem, Maximum modulus theorem, Residue calculus, analytic continuation, normal families and Reimann mapping theorem.

Spring Course/Prerequisites: MATC60F/*Corequisites:* None

Philosophy

PHLA01Y 3L: M10T10F10/ M1T1F11/M2T2F3/ M3T3W3/T11W11R11/ W7EW8EW9E/ R7ER8ER9E	PHLB57S 3L: M4R1R2 PHLB60F 3L: T10R10R11 PHLB65F 3L: M7EM8EM9E PHLB70S 3L: M7EM8EM9E PHLB75F 3L: M4R3R4 PHLC54S 3L: T10R10R11 PHLC55S 3L: M2T3R3 PHLC60S 3L: T11R11F10 PHLC65S 3L: M1R3R4 PHLC66S 3L: M10M11W10 PHLC67F 3L: T4W4R4 PHLC70S 3L: M11W11F11
PHLB51F 3L: T11R11F10 PHLB52F 3L: T3R3R4 PHLB53F 3L: M11W11F11 PHLB54F 3L: T1W1R1 PHLB55S 3L: T1W1R1 PHLB56F 3L: M1M2T1 PHLB56S 3L: T7ET8ET9E PHLB57F 3L: T7ET8ET9E	

MTWRFS (week days), E (classes commencing after 6 pm) L (lecture), T (tutorial), P (practical session).

Philosophy consists of a critical analysis of the fundamental ideas and concepts at the roots of such major areas of human concern as science, society, religion, morality and art. Its aim is to scrutinize the basic notions in these areas, to clarify the principles on which they are founded, to evaluate such fundamental beliefs for their soundness, and to explore their implications for a comprehensive understanding of the world in which we live. Philosophy originates in the desire to know, and its value consists in the systematic development of a questioning attitude and critical awareness.

PHLA01Y Introduction to Philosophy

An introduction to the problems and areas of Philosophy: logic, ethics, knowledge, God, mind, and freedom.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: The Faculty in Philosophy

PHLB51F Ethics

An introduction to topics in moral Philosophy: relativism, subjectivism, egoism, utilitarianism, and others.

Fall Courses/Prerequisites: [a previous term in Philosophy is recommended but not required]/*Corequisites:* None

Instructor: Gooch

PHLB52F The State and the Citizen

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB05Y] An introduction to topics in political Philosophy: the nature of the state, its justification, its proper limits, and the obligations of a citizen.

Fall Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None

Instructor: Graham

PHLB53F Symbolic Logic

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB31F] An introduction to formal techniques of reasoning: sentential logic, quantification theory, and probability theory.

Fall Course/Prerequisites: None/*Corequisites:* None

Instructor: Mosher

PHLB54F Theory of Knowledge

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB33S] An introduction to problems concerning knowledge and belief: perception, induction, memory, certainty, and others.

Fall Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None

Instructor: Chastain

PHLB55S Metaphysics

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB34S] A study of such topics as causation, space and time, particulars, substance, qualities, free will, and personal identity.

Spring Course/Prerequisites: [A previous term in Philosophy is strongly recommended but not required]/*Corequisites:* None

Instructor: Graham

PHLB56F Philosophy of Religion

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB21F OR PHLB21S.] A study of such topics as the nature and existence of God, immortality, God and morality, and religious language and symbolism.

Fall and Spring Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None

Instructor: Gooch, Mosher

PHLB57F Aesthetics

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB23S.] A study of such topics as the nature and functions of art, the creative process, aesthetic experience and aesthetic evaluation.

Fall and Spring Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None

Instructor: Hartman

- PHLB60F Philosophy in Literature**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB26F.] A study of philosophical ideas as expressed in literature. We study such authors as Dostoyevsky, Camus, Henry James, and Virginia Woolf.
Fall Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None
Instructor: Clancy
- (PHLB62H Ethical Theories)**
Course not offered in 1971-2. A study of selected classics: Plato, Aristotle, Hume, Kant and others.
Half Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None
- PHLB65F Greek Philosophy: Plato and his Predecessors**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB11F.]
Fall Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None
Instructor: Mosher
- (PHLB66S Greek Philosophy: Aristotle and later Greek Philosophy)**
Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB11F]
Spring Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None
- (PHLB67S Mediaeval Philosophy)**
Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB12S] The philosophies of Augustine, Aquinas, Ockham, and others.
Spring Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None
- (PHLB69 Rationalism)**
Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB13F] The philosophies of Descartes, Spinoza, and Leibniz.
Fall Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None
- PHLB70S British Empiricism**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB14S] The philosophies of Locke, Berkeley, and Hume.
Spring Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None
Instructor: Gooch

- PHLB75F Perspectives in Contemporary Philosophy**
A study of contrasting contemporary philosophies: existentialism, Marxism, logical positivism, and recent analysis.
Fall Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/*Corequisites:* None
Instructor: Hartman
- (PHLC51S Kant: The Critique of Pure Reason)**
Course not offered in 1971-2.
Spring Course/Prerequisites: PHLB69F or PHLB70S
Corequisites: None
- (PHLC52F Nineteenth-century Philosophy)**
Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB16F] German idealism and reactions to it: philosophies of irrationalism, positivism, empiricism, and pragmatism.
Fall Course/Prerequisites: One of PHLB54F, PHLB55F, PHLB65F, PHLB66S, PHLB67S, PHLB69F, PHLB70S/*Corequisites:* None
- (PHLC53S Twentieth-century Philosophy)**
Course not offered in 1971-2. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB17F or PHLB17S] Philosophers such as Russell, Moore, Wittgenstein, Dewey, and others.
Spring Course/Prerequisites: One course from PHLB53F, PHLB54F, PHLB65F, PHLB66S, PHLB67S, PHLB69F, PHLB70S/*Corequisites:* None
- PHLC54S Existentialism and Phenomenology**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB18F OR PHLB18S] Philosophers such as Kierkegaard, Husserl, Jaspers, Heidegger, Sartre, and others.
Spring Course/Prerequisites: One B-level course in Philosophy
Corequisites: None
Instructor: Clancy
- PHLC55S Marx and Marxism**
The philosophies of Marx, Engels, Lenin, and others.
Spring Course/Prerequisites: One B level course in Philosophy, Sociology, Political Science or Economics, PHLB52F is recommended/*Corequisites:* None
Instructor: Chastain
- PHLC60S Contemporary Ethics**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB02F] Recent discussions of fundamental concepts and issues in ethical theory: Moore, Ross, Hare and others.
Spring Course/Prerequisites: One B level course in Philosophy, PHLB51F or PHLB62F is recommended/*Corequisites:* None
Instructor: Sobel

PHLC65S Theories of Mind
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
 PHLB24S] A study of such topics as the nature of mind, the relation
 of mind to body, knowledge of other minds, and minds and
 machines.
Spring Course/Prerequisites: One B level course in Philosophy,
 PHLB54F or PHLB55F is recommended/*Corequisites:* None
Instructor: Clancy

PHLC66S Philosophy of Language
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
 PHLB35S] Contemporary theories of meaning, reference, grammar
 and the nature of language.
Spring Course/Prerequisites: One B level course in Philosophy,
 PHLB53F, PHLB54F, PHLB55F are recommended/*Corequisites:*
 None
Instructor: Graham

PHLC67F Perception
 A study of theories of perception, the problems they are supposed to
 solve and arguments used to support them.
Fall Course/Prerequisites: One B level course in Philosophy or Psy-
 chology, PHLB54F is recommended/*Corequisites:* None
Instructor: Chastain

PHLC70S Intermediate Logic
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
 PHLB64S] An extension of quantification theory to include identity
 and definite descriptions, and study of further topics such as the his-
 tory, nature, and limitations of formal systems.
Spring Course/Prerequisites: PHLB53F or two courses in Mathema-
 tics/*Corequisites:* None
Instructor: Sobel

(PHLC74H Philosophy of Science)
Course not offered in 1971-2. A study of explanation, confirmation,
 and theory in the sciences.
Half Year Course/Prerequisites: One B level course in Philosophy,
 PHLB53F and PHLB54F are recommended/*Corequisites:* None
 Students should also consult listing under
HISC15Y Socialism in Theory and Practice

Physics

NSCA01Y	2L:T3F3	3P:(every second
	1T:F10	week)
PHYA01Y	2L:M11F9	T9T10T11/
	1T:F12	T1T2T3

PHYA02Y	2L:M11F9	week)
	3P:(every second	T10T11T12T1
	week)	T2T3T4
	W9W10W11/	PHYB04F
	W2W3W4/	2L:T5F4
	F2F3F4	1T:F9
PHYB01Y	2L:M12F1	PHYB11Y
	1T:M3	2L:M5F1
PHYB02S	2L:T5F4	7P:(every third
	1T:F9	week)
PHYB03Y	2L:T9F2	M10M11M12
	7P:(every second	M1M2M3M4

MTWRFS (week days), E (classes commencing after 6 p.m.) L (lec-
 ture), T (tutorial), P (practical session).

Physics has as its objective the analysis and understanding of matter
 from the microscopic scale of the atomic nucleus to the scale of the
 universe itself. In this study some factual knowledge is necessary,
 but equally important is an ability to analyze physical situations so
 as to determine what ingredients are essential and what can be
 neglected. This is reflected in studies at the university level, where
 the emphasis is on such analysis, in order that the student develop
 an ability to use his factual knowledge.

The student of Physics must also study Mathematics because Mathe-
 matics is a necessary tool in the study of Physics, but Physics is not
 just applied Mathematics. Because modern science is based on
 experiment, laboratory work is essential in connection with Physics
 courses.

Students intending to specialize in Physics should register in the first
 year in PHYA01Y, MATA40F, MATA45S, and MATA55Y. Program-
 mes after the first year should be worked out individually in consul-
 tation with one of the Physics faculty and the counselling service.

NSCA01Y Introduction to Natural Science: The Physical Sciences

This course has two main purposes. It provides a comprehensive
 introduction to science for the future teacher, lawyer, economist,
 government official, politician, artist, theologian, social scientist,
 anthropologist, etc. It is also intended to provide an interesting view
 of the physical sciences for students who plan careers in the physical
 and life sciences. The intent of the course is to give some historical
 perspective, with special effort directed to the identification of the
 common elements and interrelationships that give pattern to the
 institutions called science and society. A major theme is that of sys-
 tems or cybernetics, including the concepts of feedback and of stabil-
 ity. The probabilistic and statistical character of natural phenomena,
 difficulties attending measurement and understanding of natural
 phenomena, energy transformations and the nature of matter, philo-

sophic and social implications of modern science, and questions of determinancy-indeterminancy constitute other themes.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: King

PHYA01Y Mechanics, Waves, and Thermal Physics

The motion of a single particle is dealt with extensively from the points of view of both the classical theory of Newton and the special theory of relativity of Einstein; then the treatment is extended to systems of several particles, such as molecules. Following this, systems involving large numbers of particles are studied using elementary kinetic theory and statistical mechanics. Quantum ideas are introduced. In conclusion, the microscopic world is examined in terms of the particle nature of matter. This course is intended for students whose major interests are in the Physical Sciences.

Year Course/Prerequisites: Grade 13 Math A or MATA40F as a corequisite; Grade 13 Physics/*Corequisites:* MATA55Y

Instructor: Perz

PHYA02Y Mechanics, Matter and Waves

This course covers almost the same topics as PHYA01Y but in less depth and detail. It is recommended for students not intending to pursue major studies in Physics.

Year Course/Prerequisites: Grade 13 Math A or MATA40F as a corequisite/*Corequisites:* MATA55Y

Instructor: Perz

PHYB01Y Electricity and Magnetism

The basic properties of the electromagnetic interaction both in vacuum and in matter are investigated. Maxwell's equations are developed and the properties of electromagnetic radiation are discussed. A main feature of the course is the illustration of the basic and wide ranging importance of electromagnetic effects through a discussion of numerous examples from atomic and nuclear physics, solid state physics, astrophysics and biophysics. This course is essential to a Physics Specialist Programme.

Year Course/Prerequisites: PHYA01Y or PHYA02Y; MATA55Y or MATA01Y; MATA03F or MATA40F/*Corequisites:* MATB04F or MATB41F

Instructor: King

PHYB02S Advanced Dynamics

Topics covered include motion of particles in three dimensions, motion of a system of particles, rigid bodies, moving coordinate systems. Lagrange's equations, and rotation of rigid bodies. Planetary and satellite motion and the dynamics of rockets will be discussed. This course is essential to a Physics Specialist Programme.

Spring Course/Prerequisites: PHYA01Y or PHYA02Y; MATB51F
Corequisites: None

Instructor: Walker

PHYB03Y Electronics

The physical principles of electronic devices such as vacuum tubes and semiconductor diodes and transistors are studied. Circuits incorporating these devices are described, and methods of circuit analysis are developed. (Lectures and laboratory).

Year Course/Prerequisites: PHYA01Y or PHYA02Y; MATA01Y or MATA55Y/*Corequisites:* None

Instructor: Soots

PHYB04F Waves

A course treating a wide variety of physical phenomena described in terms of waves. The topics discussed include wave equations, superposition of waves, emission and absorption of waves, impedance, polarization, and interference and diffraction. This course is essential to a Physics Specialist Programme.

Fall Course/Prerequisites: PHYA01Y or PHYA02Y/*Corequisites:* MATB51F

Instructor: Walker

PHYB11Y Quantum Physics

This course attempts to introduce the student to the basic ideas of quantum mechanics and to its applications in modern Physics. This course is essential to a Physics Specialist Programme. (Lectures and laboratory).

Year Course/Prerequisites: PHYB01Y; MATA45S; MATB04F or MATB41F/*Corequisites:* MATB40F.

Instructor: O'Donnell

(PHYB12Y Thermal Physics)

Course not offered in 1971-2. This course is devoted to the interpretation of the properties of solids, liquids, and gases in terms of their elemental constituents, namely atoms and molecules. Thus, it serves as an introduction to the subjects of statistical mechanics, the kinetic theory of gases, and thermodynamics.

The student who vigorously pursues his study of this subject will, by the end of the year, have distinguished himself from the man on the street in that he will have acquired an understanding of the concept of entropy. This course is essential to a Physics Specialist Programme.

Year Course/Prerequisites: PHYB01Y; MATA45S; MATB04F or MATB41F/*Corequisites:* MATB50F

Political Science

SOSA01F 2L:T10R10

1T:R11/R12/R3/R4

SOSB04S 2L:T1W2

POLA01Y 2L:M9T11/

SOSB01Y 2L:T2T3

1T:R3

M7EM8E

1T:M12/M1/M3/

	W11/W12/W2/ M6E/M9E		1T:T10/W10/ R11/F9
POLA03Y	2L:M2R3 1T:W11/W2/W4	POLB12Y	2L:M10W10 1T:W1/W2/W4
POLB02F	2L:W4W5 1T:M4	POLB14Y	2L:W7EW8E
POLB03Y	2L:W3W4 1T:W9/W10/W11	POLB15S	2T:R11R12
POLB06Y	2L:R10R11/ R7ER8E 1T:T10/R9E	POLB16Y	Arrange with Instructor
POLB10Y	2L:T2T3	POLC02F	2T:R11R12
		POLC03F	2T:T2T3
		POLC04S	2T:T2T3

MTWRFS (week days), E (classes commencing after 6 p.m.) L (lecture), T (tutorial), P (practical session).

There is no concise and satisfactory definition of 'politics', though many definitions have been attempted. Thus it has been suggested that politics is about power, that politics is "Who gets What, When and How", that politics is about the accommodation of interests, that politics is about 'the good', that politics is about legitimate authority, and so forth. But, as one writer has proposed, it is wiser "to start with ordinary usage, and to explore its implications, rather than to begin or end with a formal definition."

The academic study of politics ranges from philosophical speculations to empirical studies of political behaviour. As a discipline it is loosely constructed, although in recent years a more rigorous method has been employed in many areas of political study. In fact, the scope of the field reveals the impossibility of clearly separating Political Science from a number of other disciplines, such as Sociology, Philosophy, Economics, History and Psychology.

The courses offered in Political Science at Scarborough College provide as yet only limited opportunities to students who intend to specialize in the subject. Students wishing to specialize in Political Science should therefore assume that it will be necessary to take some Political Science courses on the St. George campus in order to meet specialist requirements. They should, however, also bear in mind that many relevant courses are offered in other disciplines at Scarborough College.

SOSA01F Quantitative Methods in Social Sciences

This course introduces basic statistical methods with applications primarily to the Social Sciences. Students in Economics, Geography and Political Science should note that this course is prerequisite to certain courses in those fields. No students will be admitted after the third lecture.

Fall Course/Prerequisites: None/Corequisites: None

Instructor: Sawyer

SOSB01Y Politics and Society in the U.S.S.R.
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SOCB25S.] The impact of modernization and of politics upon Soviet society.

Year Course/Prerequisites: None/Corequisites: None
Instructor: P. Solomon

SOSB04S Social Choice and Collective Action

A change in government policy always benefits one group of individuals and harms another. This course undertakes the study of ways in which such conflict between individuals can be resolved by means of techniques which reflect democratic values. Three topics are basic to the study of social choice:

- (1) the criteria which govern social choices,
- (2) the role of the individual in collective decision-making, and
- (3) the performance of democratic bodies in practice.

Prerequisite: Any course in Philosophy or Social Science

Corequisite: None

Instructor: Campbell

POLA01Y Canadian Government and Politics

A study of the political process in Canada, including Canadian political culture, the formation of public opinion, political behaviour, political parties, the constitution, federalism, French Canada, federal-provincial financial relations, and the structure and functioning of political institutions, such as the cabinet, parliament, the judiciary, and the public service.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Blair

POLA03Y Comparative Government

Year Course/Prerequisites: None/Corequisites: None

POLB02F Canadian Political Parties

A one-term course consisting of weekly lectures and seminars. Both national and provincial parties and party systems will be examined.

Fall Course/Prerequisites: POLA01Y/Corequisites: None

Instructor: Blair

POLB03Y Modern Political Thought

A study of political theorists of the 18th, 19th and 20th centuries, including Montesquieu, Rousseau, Tocqueville, Mill, and Marx.

Year Course/Prerequisites: A course in Political Science/Corequisites: None

Instructor: S. Solomon

POLB06Y Political Thought from Plato to Locke

This course will include a discussion of the political thought of Plato, Aristotle, Augustine, Aquinas, Machiavelli, Hobbes and Locke.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Andrew

POLB10Y International Relations

This is an introduction to the political relations among states. The course places special emphasis on the issues of war and peace, other international political behaviour and the international institutions created to deal with problems relating to the conduct of international relations.

Year Course/Prerequisites: POLA01Y or POLA03Y/Corequisites: None

POLB12Y Politics and Governments of Africa

This course will analyse the politics of Africa in historical and comparative perspectives. The topics to be covered include: colonialism and African reactions to it; the persistence of traditional institutions and practices; tribe and class as sources of cleavage in society; the nature of parties and single-party rule; the role of the military; neo-colonialism; and strategies of development.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Sandbrook

POLB14Y Topics in Federalism

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS POLC01Y.] This course will take the form of a weekly lecture and seminar. Particular attention will be paid to the federal systems of the U.S.A., Australia and Canada.

Year Course/Prerequisites: A course in Political Science/Corequisites: None

Instructor: Blair

POLB15S Science and Government

Comparative study of science policy and of the relationship between scientists and the state in the U.S.S.R., U.S.A., and Canada. This course should be of interest to any student of science. Students desiring to enrol in this course must consult with the instructor prior to registration.

Spring Course/Prerequisites: None/Corequisites: None

Instructor: P. Solomon

POLB16Y Reading Course in an Approved Subject

Year Course/Prerequisites: Permission of instructor/Corequisites: None

Instructor: Staff

POLC02F Modern Democratic Theory

A consideration of 20th century democratic theory from the viewpoint of its contribution both to the normative idea of democracy and to empirical propositions about democracy.

Fall Course/Prerequisites: POLB03Y or POLB06Y; permission of instructor/Corequisites: None
Instructor: S. Solomon

POLC03F Marxism-Leninism

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS POLB11Y]. Readings from the major texts of Marx and Lenin and a discussion of the principal issues in Marxian theory and practice.

Fall Course/Prerequisites: POLB03Y or POLB06Y; permission of instructor/Corequisites: None

Instructor: Andrew

POLC04S Comparative Study of Revolution

This seminar will begin with discussions on the various conceptions and explanations of revolution. It will then proceed to an analysis of the causes and consequences of revolution in a small number of third-world countries, including Cuba, Algeria and Zanzibar. Some background in either Political Science or Sociology is necessary.

Spring Course/Prerequisites: One B level course in Political Science; permission of instructor/Corequisites: None

Instructor: Sandbrook

Psychology

PSYA01Y	3L:M9T11R10/ T9W10R9/ T7ET8ET9E 1T:M1/M2/M3/M4/ T12/T2/T3/ R12/R1	3P:W2W3W4 PSYB12F 3L:M2W2R11 1T:R2/R3/R4 PSYB20F 3L:M3T12R11 PSYB30F 3L:T10W11F1/ R7ER8ER9E PSYB30S 3L:M11W12R12 PSYB32S 3L:T10W11F1 PSYB40F 2L:M9W5 3P:R9R10R11 2L:T4F9 3P:F10F11F12 2L:M12T11 3P:W2W3W4 1L:T3 1T:W1 3P:W2W3W4 2L:M10T2 3P:R2R3R4 1L:T4 1T:F9 3P:M10M11M12/ F10F11F12 1L:W9 1T:R2 3P:T2T3T4 3L:M11W12R1/ T7ET8ET9E 1T:M1/T9/W10 3L:M3T12R1 1T:M1/T9/W10 1L:T3 1T:W1
PSYB07F	3L:T1W9R2/ W7EW8EW9E	
PSYB08S	2L:T1W9 1T:R2	
PSYB09F	1L:T4 1T:F9 3P:M10M11M12/ F10F11F12	
PSYB09S	1L:W9 1T:R2 3P:T2T3T4	
PSYB10F	3L:M11W12R1/ T7ET8ET9E 1T:M1/T9/W10	
PSYB10S	3L:M3T12R1 1T:M1/T9/W10	
PSYB11F	1L:T3 1T:W1	
PSYB70F	3L:M1T9R3	
PSYC32S	2L:M1R4/R7ER8E	

PSYC33F	3L:M1T4R12	PSYC90S	Arrange with Instructor
PSYC40S	3L:W7EW8EW9E	PSYC92F	Arrange with Instructor
PSYC42F	3L:M3T3W3	PSYC92S	Arrange with Instructor
PSYC50S	3L:M3T3W3		
PSYC90F	Arrange with Instructor		

MTWRFS (week days), E (classes commencing after 6 p.m.), L (lecture), T (tutorial), P (practical session).

Psychology is that branch of science which seeks to understand the behaviour of organisms, both human and infrahuman, normal and abnormal. Psychology accepts the individual organism rather than the collective or group as the unit of analysis. It attempts to determine how organisms perceive, how they develop and change over the course of their life histories, how they choose among alternative courses of action and, particularly with humans, how they relate to their fellows and to social institutions. The courses in this discipline are designed to further an awareness of the fundamental principles of psychology, its research findings, and the means by which psychological knowledge is acquired. The emphasis, thus, is upon scientific inquiry, rather than upon the development of service skills.

PSYA01Y Introduction to Psychology

A consideration of the basic principles and methods of contemporary Psychology, emphasising their contributions to an understanding of how organisms, both human and infrahuman, perceive their environments, how their behaviour is modified by experience, and how their activities are instigated, sustained, and directed.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Staff

PSYB07F Statistics

An examination of statistical decision procedures with particular attention to their role in the description of research data, in the drawing of reasonable inferences from experimental findings, and in the prediction of future outcomes.

Fall Course/Prerequisites: None/Corequisites: None

PSYB08S Experimental Design

The application of analysis of variance techniques to research data.

Spring Course/Prerequisites: PSYB07F/Corequisites: None

PSYB09F General Experimental Psychology

The experimental techniques of Psychology as applied to problems of learning, motivation, and perception in human and infrahuman organisms. Prior or concurrent enrolment in PSYB07F is recommended.

Fall and Spring Course/Prerequisites: PSYA01Y/Corequisites: None

- PSYB10F PSYB10S** **Introduction to Social Psychology**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB01Y.] A survey of areas of research in Social Psychology. The behaviour of man as influenced by others in his environment. Includes: person perception, attitude change, conformity, status, leadership, prejudice, co-operation and competition.
Fall and Spring Course/Prerequisites: PSYA01Y/Corequisites: None
- PSYB11F** **Social Psychology Lab**
Students will be expected to conduct social psychological experiments in the laboratory and in the field. There will be class projects and individual projects.
Fall Course/Prerequisites: PSYB12F; PSYB10F or PSYB10S
Corequisites: None
- PSYB12F** **Social Interaction**
[MAY NOT BE TAKEN IN THE SAME DEGREE PROGRAMME AS PSYC12S.] Includes group dynamics, socialization, dyadic interaction, and small group behaviour.
Fall Course/Prerequisites: PSYB10F or PSYB10S/Corequisites: None
- PSYB20F** **Developmental Psychology**
A survey of basic principles and research on the social and cognitive development of the child. Stress on development of the young child.
Fall Course/Prerequisites: PSYA01Y/Corequisites: None
- PSYB30F PSYB30S** **Personality**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB03Y.] How psychologists study the individual and his behaviour. Examples of both the traditional broad theories of behaviour [e.g. Freud's psychoanalytic theory] and the more contemporary research oriented "miniature theories" will be discussed. Research topics will include achievement motivation, manifest anxiety, and intelligence.
Fall and Spring Course/Prerequisites: PSYA01Y/Corequisites: None
- PSYB32S** **Abnormal Psychology**
An examination of the nature and varieties of abnormal behaviour. Relevant theories and research will be discussed.
Spring Course/Prerequisites: PSYA01Y; another half course in Psychology/Corequisites: None
- PSYB40F** **Learning**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB04Y.] Review of basic theories of learning with selected laboratory exercises in animal instrumental learning.
Fall Course/Prerequisites: PSYA01Y; PSYB09F or PSYB09S or PSYB07F recommended but not required/Corequisites: None

- PSYB41S** **Operant Conditioning**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB04Y.] Review of operant conditioning research with laboratory exercises in operant schedules of reinforcement.
Spring Course/Prerequisites: PSYA01Y; PSYB09F, PSYB09S; PSYB07F or PSYB40F recommended but not required/Corequisites: None
- PSYB50F** **Sensation**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB05Y.] Review of basic theories of sensation with selected laboratory exercises.
Fall Course/Prerequisites: PSYA01Y/Corequisites: None
- PSYB51S** **Perception**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB05Y.] Review of models and basic research in perception with related laboratory exercises.
Spring Course/Prerequisites: PSYA01Y; PSYB50F suggested but not required/Corequisites: None
- PSYB60F** **Physiological Psychology**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB06Y.] Introduction to Physiological Psychology. This course is intended to provide the basic foundations for the study of Physiological Psychology. Material covered includes neurophysiology, neuroanatomy and neurophysiology of sensory systems.
Fall Course/Prerequisites: PSYA01Y/Corequisites: PSYB09F or PSYB09S recommended but not essential
- PSYB61S** **Physiological Mechanisms of Motivation and Learning**
The course is divided into two parts. Part one covers physiological control over so-called motivated behaviours; including topics such as feeding and drinking, thermoregulation, sleep, sexual behaviour, arousal and language. Part two covers the physiological basis of learning.
Spring Course/Prerequisites: PSYB60F/Corequisites: None
- PSYB70F** **Comparative Psychology**
Study of animal behaviour from both a biological and a psychological approach. The ontogenetic and phylogenetic development of behaviour. The relevance of studying animal behaviour for understanding human behaviour.
Fall Course/Prerequisites: PSYA01Y/Corequisites: None
- PSYC32S** **Current Topics in Personality**
Review of current research in special areas.
Spring Course/Prerequisites: PSYB03Y or PSYB30F or PSYB30S; one additional "B" level course in Psychology/Corequisites: None

- PSYC33F Personality and Social Interaction**
Intensive examination of related areas of research in personality and social interaction.
Fall Course/Prerequisites: PSYB03Y or PSYB30F or PSYB30S; one other "B" level course/*Corequisites:* None
- PSYC40S Current Topics in Animal Learning**
A review of recent developments in animal learning with emphasis on discrimination learning and avoidance conditioning.
Spring Course/Prerequisites: PSYB40F or PSYB40S, or PSYB41F or PSYB41S.
Corequisites: None
Instructor: Biederman
- PSYC42F Current Topics in Memory and Learning**
The content of this course will be concerned with human memory and learning and will emphasize the recent approaches which lay less emphasis on learning theories derived from animal studies and more on the active processes which humans use when laying down or retrieving memories. Major areas investigated will include verbal memory, the acquisition of motor skills and perhaps the acquisition of language.
Fall Course/Prerequisites: PSYA01Y; one "B" level course in Psychology/*Corequisites:* None
- PSYC50S Attention and Performance Theory**
Recently there has been a renewed emphasis on attention in Psychology, since it has come to be realized that a study of the topic is central to an understanding of the limits on the rate at which humans process information. In this course both qualitative and quantitative approaches will be discussed. A course in statistical methods, mathematics or physics is recommended to ensure numerical competence.
Spring Course/Prerequisites: PSYA01Y; one "B" level course in Psychology/*Corequisites:* None
- PSYC90F Supervised Readings in Psychology**
PSYC90S An independent study course designed to permit intensive examination of the literature on a selected topic. Supervision of the programme of reading is arranged by mutual agreement between the student and an interested instructor.
Fall and Spring Course/Prerequisites: 3 courses in Psychology; permission of instructor/*Corequisites:* None
- PSYC92F Supervised Research in Psychology**
PSYC92S An independent study course designed to permit the exploration in the laboratory or in the field of a selected problem in Psychology. Supervision of the programme of research is arranged by mutual agreement between the student and an interested instructor.

Fall and Spring Course/Prerequisites: PSYB07F; PSYB09F or PSYB09S; 2 additional courses in Psychology; permission of instructor/*Corequisites:* None

Russian

RUS001Y 4L:M11M2W2F11

1P:F1

RUS002Y 3L:M12W1R2

1P:M4

RUS003Y 2L:T1T2

RUSA01Y 2L:T1T2

RUSB11Y 2L:W12W3

RUSB12Y 2L:M7EM8E

RUSB21Y 2L:M11W11

RUSB23S 2L:M10W10

RUSC01Y 2L:T3T4

MTWRFS (week days), E (classes commencing after 6 p.m.) L (lecture), T (tutorial), P (practical session).

RUS001Y Elementary Russian

Fundamentals of Russian grammar — structure and practice. Stress on speaking, reading and writing.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Whalen

RUS002Y Intermediate Russian

Continued study of Russian with oral practice, composition and translation. Conversation based on literary texts and topics of current interest.

Year Course/Prerequisites: RUS001Y/*Corequisites:* None

RUS003Y Advanced Russian

Continued study of morphology and syntax: composition, translation and functional stylistics. Extensive reading programme. Oral practice in class and laboratory based on assigned reading.

Year Course/Prerequisites: RUS002Y/*Corequisites:* None

Instructor: Whalen

RUSA01Y Introduction to Russian Culture and Literature

Russian thought, society and literature; intellectual and social evolution as reflected in Russia's artistic creations: 18th century to the present.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Ponomareff

RUSB11Y 19th Century Russian Literature

Analysis and discussion of novels, short stories and plays by Pushkin, Gogol, Turgenev, Goncharov, Dostoyevsky, Tolstoy,

Chekhov and others. Exploration of literary forms and critical approaches. Emphasis on the novel and its structural and thematic development.

Year Course/Prerequisites: None/Corequisites: None

RUSB12Y Russian Drama

A survey of Russian drama in translation. Origins, classicism, romanticism, realism, modernism and present-day Soviet plays. Analysis and discussion of works by Pushkin, Gogol, Chekhov, Mayakovsky and others.

Year Course/Prerequisites: None/Corequisites: None

RUSB21Y Twentieth Century Russian Literature

A survey of pre- and post-revolutionary Russian literature (with excursions into Russian emigré literature). Stress on literary analysis, continuity and influence. Exploring problems of creative process and freedom, artistic dilemma and achievement under political pressure. Lectures and discussion groups, oral reports and one essay. Specialists will be required to do a certain amount of reading in the original.

Year Course/Prerequisites: None/Corequisites: None

Instructor: Ponomareff

RUSB23S Soviet-Russian Underground Literature

A study of Literary revolution, the nature of its divergence and the implicit profile of official Soviet mentality and ideology that the literary dilemma suggests.

Spring Course/Prerequisites: None/Corequisites: None

Instructor: Ponomareff

RUSC01Y Twentieth Century Russian Poetry

Study of Russian poetry including pre-revolutionary, Soviet and emigré poets: Blok, Gumilev, Mayakovsky, Esenin, Pasternak, Tsve-taeva, Voznesensky, Evtushenko, G. Ivanov, Klenovsky. Studies in poetic perception. Lectures and discussion groups. Oral reports and one essay.

Year Course/Prerequisites: RUS003Y/Corequisites: None

Instructor: Ponomareff

Sociology

SOSB01Y 2L:T2T3 1T:R3	SOCB02Y 1L:T2 1T:T5/W2/W5
SOCA01Y 3L:T10W11W5/ W7EW8EW9E	SOCB03Y 2L:T10T1/ T7ET8E
SOCA02Y 2L:T12W12 1T:M11/T11/ T12/W12	SOCB04Y 2L:T9T10 1T:R1
SOCB01Y 2L:M2W2 2P:M3M4/W3W4	SOCB05Y 2L:M7EM8E 1T:M4/M5/M6E/M9E

SOCB10Y 2L:T5W5 1T:W9/F9	SOCB12Y 2L:M4F12 1T:R12/R2/R3/F4	SOCB13Y 2L:T11R2 1T:F9/F11	SOCB16Y 2L:R11R12 1T:R9/R10/	SOCB18Y 2L:T3F3 1T:W4/F12/F2	SOCB20Y 2L:M11W11 1T:R9/R1/R5	SOCC02S 2L:F10F11 1T:M12	SOCC04S 2L:R4R5/ R7ER8E 1T:T12/R9E
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SOCC05Y 2L:T3T4 1T:R3	SOCC06F 2L:F10F11 1T:M12	SOCC07F 2L:T1T2 1T:R1	SOCC08H 1L:R2 1T:R3	SOCC08F 2L:R7ER8E 1T:R9E	SOCC12F 2L:T11T12 2T:R11R12	SOCC22S 2L:T1T2 1T:R1	SOCC30Y Arrange with Instructor
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MTWRFS (week days), E (classes commencing after 6 p.m.), L (lec-ture), T (tutorial), P (practical session).

Sociology is the scientific study of the process of interaction among people, the social relations which they establish and the social groups which they form and which make up society. Sociology attempts to explain the ways in which people organize their interac-tions, why and how different social groups form, how they are main-tained and why they break up, how society is ordered and how it functions, what accounts for social cohesion, social mobility and social change, the consequences of co-operation, competition and conflict.

The courses listed below represent some of the major subdivisions of Sociology and several major approaches to the scientific study of the social phenomena.

SOSB01Y Politics and Society in the U.S.S.R.

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SOCB25S.] The impact of modernization and of politics upon Soviet society.

Year Course/Prerequisites: None/Corequisites: None

Instructor: P. Solomon

SOCA01Y Introduction to Sociology

An introduction to the basic concepts, principles and methods of Sociology as a discipline for the study of society. Major topics stud-ied include the nature of social groups, social processes, culture, social structure, socialization, deviant behaviour, population, com-munity, stratification, social institutions and social change.

Year Course/Prerequisites: None/Corequisites: None
Instructor: Gerson

SOCA02Y Contemporary Society

An examination of contemporary social structures and processes by applying basic methods and principles of sociology to topics which students select from their own interests. Research is conducted by students in year-long projects (as individuals or teams) guided by seminars in which faculty act as resource persons. Emphasis is on student responsibility and initiative as there are no regular lectures in this course after October. The final form of presentation of projects may be as written essays, or voice tape, drama, novel, television tape, or other approved format.

Year Course/Prerequisites: None/Corequisites: None
Instructor: Lee

SOCB01Y Methods of Social Research

Course aims include both a formal study of methodology and a practical introduction to social research design, data collection and analysis. Laboratory sessions include exercises in computer programming, elementary statistics, graphics and library research. Students design and execute suitable projects as an important part of their term work.

Year Course/Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: Beals

SOCB02Y Structure of Interpersonal Relations

This course is organized in the same way as SOCA02Y, but a more advanced level of research is expected.

Year Course/Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: Lee

SOCB03Y History of Social Thought

This course is concerned with the development of Sociology and with the works of particular sociologists whose concepts not only have historical interest but also have relevance to contemporary Sociology.

Year Course/Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: O'Toole

SOCB04Y Political Sociology

Political Sociology is the study of the interrelationship between society and polity, between social structures and political institutions. The first part of the course deals with the literature of Political Sociology from Marx to the present; the latter part of the course with the Canadian polity in particular.

Year Course/Prerequisites: Permission of instructor
Corequisites: None
Instructor: Hanna

SOCB05Y Urban Sociology

Examines the city both as a significant development in world civilization and as a working mechanism guided by contemporary policies and studies human behaviour in its multifaceted relations with the urban environment.

Year Course/Prerequisites: One previous course in Sociology
Corequisites: None

SOCB10Y Social Stratification

Description and analysis of the nature of social stratification, with emphasis on the basis of stratification, different theoretical views concerning stratification, the structure and function of stratification systems, social classes and associated behaviour, social mobility and class conflict.

Year Course/Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: Howard

SOCB12Y Sociology of the Family

The sociological study of the family in contemporary western society, with special emphasis on its historical development, social forces which have influenced it, interrelationship with other institutional forms, the family as a small group, the family life cycle, family disorganization and family change.

Year Course/Prerequisites: One previous course in Sociology
Corequisite: None
Instructor: James

SOCB13Y Canadian Society

A sociological analysis of Canadian society, with emphasis on its changing structure.

Year Course/Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: Hanna

SOCB16Y Social Change

A sociological analysis of forms of change, such as industrialization, modernization, urbanization, and their consequences for the structure and function of contemporary society.

Year Course/Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: O'Toole

SOCB18Y Deviant Behaviour

A sociological analysis of various forms of deviant behaviour,

including an examination of causal theories, social definitions, maintenance, control and social consequence.

Year Course/Prerequisites: One previous course in Sociology

Corequisites: None

Instructor: James

SOCB20Y Ethnic and Race Relations

Ethnic and racial groups are involuntary groups within society which accords them differential statuses. The course focuses on the problem of stereotyping and prejudice, on social mobility and 'civil rights' movements as processes of change of ethnic status, maintenance of ethnic identity and conflict and continuity between ethnic generations. Particular reference will be given to societal integration especially as it bears upon the question of Canadian bilingualism and multiculturalism.

Year Course/Prerequisites: One previous course in Sociology.

Corequisites: None

Instructor: Isajiw

(SOCC01Y Small Groups)

Course not offered in 1971-2. A sociological analysis of small group behaviour with special reference to formation, structure, maintenance patterns and change.

Year Course/Prerequisites: Two previous courses in Sociology, one of which must be a B-level course/*Corequisites:* None

Instructor: Isajiw

SOCC02S Complex Organizations

The course will deal with complex organizations, with special emphasis on relationships among them and the bearing of these relationships upon the structure of power in society. Materials will be drawn from Canadian and comparative contexts.

Spring Course/Prerequisites: Two previous courses in Sociology one of which must be a B-level course/*Corequisites:* None

Instructor: Howard

(SOCC03F Collective Behaviour)

Course not offered in 1971-2. This course is concerned with the social conditions that produce collective behaviour and the effect it has on group conflict, morale, consensus and changing patterns of social organization.

Fall Course/Prerequisites: Two previous courses in Sociology, one of which must be a B-level course/*Corequisites:* None

Instructor: O'Toole

SOCC04S Social Movements

Analysis of major social movements, their origins, dynamics, and consequences for contemporary society.

Spring Course/Prerequisites: Two previous courses in Sociology, one of which must be a B-level course/*Corequisites:* None

Instructor: O'Toole

SOCC05Y Special Problems of Sociological Theory

A seminar with emphasis on intensive study of selected basic questions historically underlying sociological thinking such as the problem of order and integration of society, processes of social mobility, solidarity formation and social and cultural change with reference to contemporary society.

Year Course/Prerequisites: SOCB03Y/*Corequisites:* None

Instructor: Isajiw

SOCC06F Sociology of Industrialization

Alternative approaches to the study of industrial development, its genesis and its social implications will be considered. Case materials from both historical and contemporary contexts will be used by members of the seminar in critically evaluating these theoretical approaches.

Fall Course/Prerequisites: Two previous courses in Sociology, one of which must be a B-level course/*Corequisites:* None

Instructor: Howard

SOCC07F Sociology of Occupations

The relation of man to his occupations in contemporary society, including such topics as occupational choice in a changing society, conceptions of work and leisure, mobility and career patterns and professionalization.

Fall Course/Prerequisites: Two previous courses in Sociology, one of which must be a B-level course/*Corequisites:* None

Instructor: Gerson

SOCC08H Sociology of Education

SOCC08F

The course will examine traditional and modern theories of education and learning within the context of the social systems in which these theories occur. Students will conduct research projects individually or in teams.

Year-Long Half Course and Fall Course/Prerequisites:

Two previous courses in Sociology, one of which must be a B-level course/*Corequisites:* None

Instructor: Lee

SOCC12F The Sociology of Revolution

What is specifically revolutionary in a revolution is the fact that a group of people, large or small, well organized or loosely joined, is consciously attempting to bring about a radical change in the lives of all the people in the society. The seminar will begin with a theory of revolution which consequently will be applied to examine empirical

instances of the phenomenon, e.g., The Mexican Revolution, The Russian Revolution, The American Revolution, including such events as the Winnipeg General Strike, The 1968 Paris Student Revolt and the FLQ crisis.

Fall Course/Prerequisites: Two previous courses in Sociology, one of which must be a B-level course/*Corequisites:* None

Instructor: Hanna

SOCC22S Sociological Analysis: Qualitative Methods

Systematic analysis of basically non-statistical or qualitative materials. The craftsmanship of research. The problems, limitations, and techniques of sociohistorical analysis, content analysis, and methodologies for the study of non-academic materials from non-scholarly sources.

Spring Course/Prerequisites: SOCA01Y; one B-level course in Sociology; permission of instructor/*Corequisites:* None

Instructor: Gerson

SOCC30Y Independent Studies

Designed primarily for fourth year students who wish to concentrate on a specific area in Sociology. Individual consultation and the preparation of a research paper required.

Year Course/Prerequisites: Permission of instructor

Corequisites: None

Instructor: Staff

Spanish

SPA001Y	3L:M4W1R4/ M2W9F1/ T9W12F12/ M7EM8EM9E 2P:M9/M10/W9/ W10/W7E and W11/W12/F11/ F12/W8E	SPA005F	3L:M10W2F2/ M12T4W12 1P:M2
SPA002F	3L:M3W1F1/ M2W3F3/ T7ET8ET9E	SPA006S	2L:T2T3 1T:R2
SPA003F	3L:M10W2F2	SPA007S	3L:M3W1F1
SPA003S	3L:T7ET8ET9E	SPAB11Y	3L:M1W9F9
SPA004F	1L:W3 2P:M11F10	SPAB12S	3L:M2W12F10
		SPAB17F	3L:M2W12F10
		SPAB22F	3L:M11W4F1
		SPAB23Y	3L:T7ET8ET9E
		SPAB25F	3L:M10W5F10
		SPAB28F	3L:T10W10F3
		SPAB31Y	3L:T11T12R11

MTWRFS (week days), E (classes commencing after 6 pm) L (lecture), T (tutorial), P (practical session).

The key to a comprehensive and coherent plan of study lies in personal academic counselling. Those students interested in a particular under-graduate programme in Hispanic Studies, or those wishing to continue their studies on a graduate level, or those planning to go to the College of Education, must discuss their programmes with their instructors at the earliest possible date.

There are also many courses given in other areas which may prove directly valuable to the student as adjuncts to his plan of studies, or may be of interest as an enrichment of his total programme. Those students interested in area or other interdisciplinary programmes must also confer with their instructors, in order to obtain every possible advantage which Scarborough College has to offer.

SPA001Y Introductory Spanish

A course in basic grammar and syntax. Instruction in spoken and written Spanish and rapid comprehension of idiomatic speech with the aid of a co-ordinated laboratory programme.

Year Course/Prerequisites: None/*Corequisites:* None

Instructor: Chicoy

SPA002F Intermediate Spanish

Review of Spanish grammar and syntax. Elementary composition.

Fall Course/Prerequisites: SPA001Y or Grade XIII/*Corequisites:* None

Instructor: Maillard

SPA003F Pre-Literary Examination of Texts

Preparation in the basic elements of Spanish stylistics and in the rapid reading and comprehension of texts of various periods and subject matter.

Fall and Spring Course/Prerequisites: SPA001Y

Corequisites: SPA002F

Instructor: Barta

SPA004F Phonetics

Principles of articulatory phonetics; fundamentals of Spanish speech sounds; intensive practice in their production and transcription.

Fall Course/Prerequisites: SPA001Y/*Corequisites:* None

Instructor: Skyrme

SPA005F Intermediate Conversation

This course is designed to give the student intensive practice in spoken language through controlled situational oral practice, discussion groups and the passive comprehension of the speech of major Spanish linguistic areas.

Fall Course/Prerequisites: SPA001Y/*Corequisites:* None

SPA006S Advanced Conversation

This course is designed to continue on a more advanced level the

intensive practice in spoken Spanish begun in SPA005F.
Spring Course/Prerequisites: SPA005F/*Corequisites:* None

SPA007S Intermediate Syntax and Composition

This course is designed to give the student intensive practice in effective writing and a reasonable degree of naturalness in the use of idiomatic Spanish.

Spring Course/Prerequisites: SPA002F/*Corequisites:* None
Instructor: Maillard

SPAB11Y Survey of Spanish Literature

Reading, analysis and discussion of Peninsular Spanish literature from the Twelfth to the Twentieth Centuries, with the object of acquainting the student with the major literary movements of each period, the authors and their works.

Year Course/Prerequisites: SPA003S/*Corequisites:* None
Instructor: Barta

SPAB12S History of the Spanish Language

The Pre-Roman, Roman, Visigothic and Moorish civilizations in Spain; the growth of the Spanish language from Latin; the evolution of its phonology, morphology, syntax and vocabulary.

Spring Course/Prerequisites: SPA004F/*Corequisites:* None
Instructor: Skyrme

(SPAB13F Romanticism)

Course not offered in 1971-2. The origin and growth of the Romantic movement in Spain; its relationship to Neo-Classicism and the Spanish tradition; a detailed study of the works of its principal exponents.

Fall Course/Prerequisites: SPA001Y/*Corequisites:* SPA002F

SPAB17F The Modern Spanish Novel

The evolution of the Spanish novel in the Nineteenth Century will be examined through reading and discussion of selected works in Costumbrismo, Regionalism, Realism, and Naturalism.

Fall Course/Prerequisites: SPA001Y/*Corequisites:* SPA002F
Instructor: Skyrme

(SPAB21S Stylistics and Translation)

Course not offered in 1971-2. The examination of Spanish literature in relation to the resources of the language. Theory and practice of transmission of literary material from one language to another.

Spring Course/Prerequisites: SPA003F/*Corequisites:* None

SPAB22F Mediaeval Literature

Reading, analysis and discussion of major texts in prose and poetry from the Twelfth to the Fifteen Centuries in Spain.

Fall Course/Prerequisites: SPA003F/*Corequisites:* None
Instructor: Barta

SPAB23Y Spanish Drama

A study of Spanish drama from the Middle Ages to the 20th Century. Complete plays of the major dramatists will be read, and discussed. In some cases films of actual theatrical productions in Spanish will be shown.

Year Course/Prerequisites: SPA003F/*Corequisites:* None
Instructor: León

(SPAB24S Golden Age Drama)

Course not offered in 1971-2. Study of the development of the Spanish drama from the Middle Ages to the Golden Age. Reading, analysis and discussion of major texts.

Spring Course/Prerequisites: SPA003F/*Corequisites:* None

SPAB25F Golden Age Prose

Study of the development of Spanish prose writing; reading, analysis and discussion of the major types of prose writing in the Golden Age.

Fall Course/Prerequisites: SPA003F/*Corequisites:* None
Instructor: León

(SPAB26S Golden Age Poetry)

Course not offered in 1971-2. Study of the major poets of the Golden Age from Garcilaso to Góngora.

Spring Course/Prerequisites: SPA003F/*Corequisites:* None

SPAB28F Spanish American Literature: A Survey

Study of the main currents of Spanish American literature from colonial times to 1850. Special attention will be paid to the fundamental economic, social and cultural factors of the periods under consideration. Reading, analysis and discussion of selected texts.

Fall Course/Prerequisites: SPA003F/*Corequisites:* None
Instructor: León

(SPAB29S Spanish American Literature)

Course not offered in 1971-2. Short story; history of the Spanish cuento; examination of short stories by Spanish and European authors in order to attempt a definition of the short story; reading, analysis and discussion of the various forms of the Spanish American short story.

Spring Course/Prerequisites: SPA003F/*Corequisites:* None

(SPAB30S Spanish American Literature: The Novel of the Mexican Revolution)

Course not offered in 1971-2. A study of the various types of novels written in Mexico from 1910 to the present time. Attention will be paid to the fundamental economic, social and cultural aspects of the Revolution.

Spring Course/Prerequisites: SPA003F/*Corequisites:* None

SPAB31Y The Latin American Novel

A study of the main Novelistic currents in Latin America in the 19th and 20th centuries. Three major groups of novels will be studied: a) Regional, indianist b) Revolutionary, political c) Existential, absurd, psychological.

Year Course/Prerequisites: SPA003F/Corequisites: None

Instructor: León

Students should also consult listing under

HUMB15Y Nineteenth-Century Poetry: Aestheticism

HUMC01F Lyric Poetry of the Middle Ages in the Mediterranean Area

Interdisciplinary Studies

Latin American Area Studies

The University of Toronto offers a programme in Latin American Studies. Full details of the programme are given in the current St. George Campus *Calendar*. At Scarborough College a number of courses relevant to the programme can be taken. These are: Spanish 001Y, 002F, 003S, B28F, B29F, B30S and Anthropology B03F, B08F.

Further information about Latin American Area Studies may be obtained from Prof. Pedro León, H424, 'phone 284-3186, who will also offer advice on possible combinations of courses in this area.

Summer Evening Extension Session 1971

A schedule of nineteen courses is to be offered this session – twelve full courses and seven half-courses. Each of the courses has a class twice a week on either Monday and Wednesday or Tuesday and Thursday starting at 7:00 p.m.

Counselling

It is the responsibility of students to ensure that they register in courses, the combination of which comply both with course pre- and co-requisite requirements and also with the degree regulations. The Registrar's Office is willing to assist you in this. Please call 284-3292 to arrange appointments.

Regulations

Information relating to admission, registration, degree regulations and fees will be found in the appropriate sections of this Calendar. Please check the academic Calendar at the beginning of this book for information concerning dates by which withdrawal from courses may be effected without academic penalty, and also dates by which course changes must have been made.

Refunds

Full Courses: Withdrawal effected between first day of classes and June 30th – refund \$47.50.

Withdrawal effected on or after 1 July – no refund

Half-Courses: No refund

The Courses

The letter 'Y' after a course abbreviation, indicates that the course is a full-course, yielding one whole credit. The letter 'F' after a course, indicates a half-course given in the first half of the session, yielding one half-credit; the letter 'S' after a course indicates a half-course given in the second half of the session, yielding one half credit.

'Y' courses begin on Mon. 17 May and end on Thurs. 12 August 1971

'F' courses begin on Mon. 17 May and end on Thurs. 24 June 1971

'S' courses begin on Mon. 5 July and end on Thurs. 12 August 1971

The Examination period begins on Mon. 16 August and ends on Friday 20 August 1971.

If you have any enquiries relating to the Summer Evening Extension Programme, please call 284-3127.

Timetable

(Course descriptions may be found in the appropriate section of this Calendar).

Course Number	Title	Evenings
ANTA03F	Social Organization	Mon./Wed.
ANTB02S	Anthropology of Religion	Tues./Thurs.
ANTB08S	Anthropology of Development	Mon./Wed.

BIOB14Y	Human Physiology	Tues./Thurs.
ECOA01Y	Economics: A Survey of Principles and Practice	Tues./Thurs.
ECOB04Y	European Economic History	Tues./Thurs.
ENGA05Y	Canadian Literature in English	Mon./Wed.
ENGB10Y	Shakespeare	Mon./Wed.
ENGB14Y	Varieties of Fiction	Tues./Thurs.
GGRA01Y	Introduction to Human Geography	Tues./Thurs.
GGRB03Y	Climatology	Tues./Thurs.
HISB05F	Canadian History to 1867	Mon./Wed.
HISB06S	Canadian History since Confederation	Mon./Wed.
HISB41F	Old Huronia	Mon./Wed.
PHLB57F	Aesthetics	Tues./Thurs.
POLB10Y	International Relations	Tues./Thurs.
PSYA01Y	Introduction to Psychology	Mon./Wed.
SOCB13Y	Canadian Society	Tues./Thurs.
SOCB16Y	Social Change	Mon./Wed.

Facilities for Summer Evening Extension Students

Parking

The College Parking Lots are open, free of charge, to all.

Library

During the Summer, the Library will be open as follows:

Mondays through Thursdays — 9:00 a.m. to 10:00 p.m.

Fridays — 9:00 a.m. to 5:00 p.m.

Saturdays and Sundays — Closed

Bookstore

Hours of opening for the Summer Session:

May 17, 18, 19, 20 — 9:00 a.m. to 9:00 p.m.

May 21 — 9:00 a.m. to 5:00 p.m.

May 24 (Victoria Day) — Closed

May 25, 26, 27 — 9:00 a.m. to 9:00 p.m.

May 28 — 9:00 a.m. to 5:00 p.m.

Thereafter, every Monday and Thursday (except July 1 — Dominion Day and August 2 — Civic Holiday) of the Session — 9:00 a.m. to 9:00 p.m.; every Tuesday, Wednesday and Friday — 9:00 a.m. to 5:00 p.m.

Sport

Summer Extension students have the opportunity to use the recreational facilities of Scarborough College. Four tennis courts, an archery range, a golf range, an outdoor volleyball court and two playing fields are available. Organized recreational activities such as a sailing club, a tennis club, and tennis and golf tournaments are included in the summer programme. Change room facilities and equipment for free play are also available to the participants. For further information, please call 284-3121.

Winter Extension Session 1971-2

From September 1971 Scarborough College will be operating an integrated timetable running from 9:00 a.m. to 10:00 p.m. It is College policy that the section of a course offered in the evening should normally have the same number of hours of instruction as the day section of that course. This means that Part-time students who wish to take courses at Scarborough College will be able to request enrolment in any course, whether it be timetabled in the day or evening, without petition. It is possible that some courses may be over-enrolled. In such cases, the College policy in registering students is by academic seniority and thereafter by lot. Because of this flexibility of course enrolment offered to Part-time students, it is essential that in registering for their courses, students specify, quite clearly, whether they wish to enrol in day or evening sections of courses. Tutorial sections of classes will be arranged with Extension students at the first lecture of each course concerned. Please note that while every attempt will be made to accommodate students as they request, we cannot guarantee to register students in the exact sections of their choice. Full-time students will be given preference over Part-time students in day sections, and Part-time students will be preferred over Full-time students in evening sections. The timetable for each course appears at the head of the discipline listing in the course description section of this Calendar. Classes commencing at 6:00 p.m. or later are labelled with an 'E' in the timetable. When you register for a course, state only whether you wish to attend the Day or Evening sections of a course. Specific section assignment will take place at a later date.

For your convenience, a list of all courses which have sections commencing at 6:00 or later is reproduced below. The actual time of the classes, the course descriptions and the pre- and co-requisite requirements will be found in the course description section of this Calendar.

Courses with Classes beginning at 6:00 p.m. or later

Course Number	Course Title	Evening
ANTA01Y	Introduction to Anthropology	Thursday
BIOA03Y	Introduction to Biology (see note below)	Thursday and Sat. morning
COM100Y	Financial Accounting	Monday
ECOA01Y	Economics: A survey of Principles and Practice	Wednesday
ECOB03Y	North American Economic History	Monday
ECOB11S	Money and Banking	Thursday
ENGA05Y	Canadian Literature in English	Monday
ENGB10Y	Shakespeare	Wednesday
ENGB17Y	Fiction before 1832	Tuesday
ENGB31Y	Modern Drama	Tuesday
ENGCO8Y	Four Major Modern Authors	Thursday

FARB11Y	Intermediate Studio-Seminar (see note below)	Monday and Thursday
FREA02Y	Studies in Modern French Literature	Tuesday
FREB22Y	The Classical Current	Thursday
FREB23Y	General History of the French Language	Monday
GERB17Y	The German Novel from Goethe to Grass (Texts in English Translation)	Wednesday
GGRA03F	Introduction to Geography: Geographic Methods I, Cartographic and Field Methods	Thursday
GGRA06F	Introduction to Geography: Environmental Analysis	Wednesday
GGRA07S	Introduction to Geography: The Surface of the Earth	Wednesday
GGRA09F	Introduction to Geography: Spatial Analysis	Tuesday
GGRB01Y	Geography of Resources	Wednesday
GGRB05Y	Urban Geography	Monday
GRHB02Y	Greek and Roman History from the Death of Alexander to the Gracchi	Monday
GRHB23Y	Studies in Roman History	Wednesday
HISB01Y	British History since 1785	Tuesday
HISB03Y	History of the United States	Wednesday
HISB05F	Canadian History to 1867	Monday
HISB06S	Canadian History since Confederation	Monday
HISB35Y	American Labour and the Left	Thursday
MATA40F	Introduction to Linear Algebra	Thursday
MATA45S	Linear Algebra I	Thursday
MATA55Y	Calculus	Tuesday
PHLA01Y	Introduction to Philosophy (see note below)	Wednesday or Thursday
PHLB56S	Philosophy of Religion	Tuesday
PHLB57F	Aesthetics	Tuesday
PHLB65F	Greek Philosophy: Plato and his Predecessors	Monday
PHLB70S	British Empiricism	Monday
POLA01Y	Canadian Government and Politics	Monday
POLB06Y	Political Thought from Plato to Locke	Thursday
POLB14Y	Topics in Federalism	Wednesday
PSYA01Y	Introduction to Psychology	Tuesday
PSYB07F	Statistics	Wednesday
PSYB10F	Introduction to Social Psychology	Tuesday
PSYB40S	Learning	Wednesday
PSYB30F	Personality	Thursday
PSYC32S	Current Topics in Personality	Thursday
RUSB12Y	Russian Drama	Monday
SOCA01Y	Introduction to Sociology	Wednesday
SOCB03Y	History of Social Thought	Tuesday

SOCB05Y	Urban Sociology	Monday
SOCC04S	Social Movements	Thursday
SOCC08F	Special Problems of Sociological Theory	Thursday
SPA001Y	Introductory Spanish (see note below)	Monday and Wednesday
SPA002F	Intermediate Spanish	Tuesday
SPA003S	Pre-Literary Examination of Texts	Tuesday
SPAB23Y	Spanish Drama	Thursday

N.B. BIOA03Y, FARB11Y and SPA001Y require attendance twice each week. PHLA01Y is offered twice each week in the evening. Please specify which evening you prefer on the registration form.

If you have any enquiries regarding the Winter Extension Programme, please call 284-3127.

Administration and Faculty, 1970-71

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Vice-Provost and Executive Assistant to the President

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D. Currey, B.A.Sc.

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Associate Dean

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Assistant Dean and Secretary

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C. R. C. Dobell, B.A.

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Assistant Dean

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D. Keeling, M.A.

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Assistant Librarian

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T. Pallandi, B.P.H.E., B.A., M.S.

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Miss D. Kingsley, B.A., B.P.H.E.

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J. Kay, M.A., Ph.D., Assistant Professor

M. C. Kirkham, M.A., M. Phil., Assistant Professor

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A. J. G. Patenall, M.A., Ph.D., Assistant Professor

A. C. Thomas, M.A., Ph.D., Assistant Professor

Mrs. E. P. Vicari, M.A., Ph.D., Assistant Professor

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M. Tait, M.A., *Lecturer*
K. Theil, M.A., *Lecturer*

Fine Art

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S. A. Amenta, M.A., A.O.C.A., *Lecturer*
Miss M. Schaefer, M.A., *Lecturer*
R. Siebelhoff, M.A., *Lecturer*

French

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L. E. Doucette, B.A., Ph.D., *Associate Professor*
W. J. Kirkness, M.A., D.U., *Associate Professor*
P. C. Moes, M.A., B.L.S., Ph.D., *Associate Professor*
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J. W. Batchelor, B.A., Ph.D., *Assistant Professor*
Mrs. J. A. Curtis, M.A., Phil. M. *Assistant Professor*
Mrs. M. E. Kirkness, M.A., *Instructor*
Mrs. M. Walker, B.A., *Instructor*

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H. H. H. Ohlendorf, M.A., *Assistant Professor*
H. Wittmann, M.A., Ph.D., *Assistant Professor*
Mrs. E. M. Swales, B.A., D.Phil., *Instructor*

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J. P. B. Kenyon, M.A., Ph.D., *Assistant Professor*
J. L. Pearl, M.A., Ph.D., *Assistant Professor*
A. N. Sheps, M.A., Ph.D., *Lecturer*

Italian

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E. Costa, M.A., *Lecturer*

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S. L. deHaven, B.A., *Lecturer*

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J. I. Chicoy-Daban, M.A., *Lecturer*

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P. Keast, B.Sc., Ph.D., Assistant Professor
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D. G. Hall, Instructor
Mrs. M. Hall, B.Sc., Instructor

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M. G. Efran, B.A., Ph.D., Assistant Professor
A. Kukla, M.A., Ph.D., Assistant Professor
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A. S. Ross, M.A., Ph.D., Assistant Professor

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M. Miyagi, B.A., Ph.D., Assistant Professor
G. N. Smith, Jr., M.A., Ph.D., Assistant Professor
J. H. Youson, B.A., M.Sc., Ph.D., Assistant Professor
Miss L. Liivamagi, B.A., M.Sc., Instructor
Miss C. Pickett, B.Sc., M.A., Instructor

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R. Knight, M.A., Ph.D., Assistant Professor
H. B. Schroeder, B.A., Ph.D., Assistant Professor
E. G. Schwimmer, M.A., Ph.D., Assistant Professor
R. W. Shirley, M.A., Ph.D., Assistant Professor

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A. F. W. Plumtre, C.B.E., M.A., Professor
P. Pelikan, Ing.C.Sc., Associate Professor
K. J. Rea, M.A., Ph.D., Associate Professor
D. E. Campbell, B.A., Assistant Professor
E. B. Hurt, B.A., Ph.D., (obit.) Assistant Professor
M. W. Bucovetsky, M.A., Lecturer

Geography

P. W. Cave, M.A., D.Phil., Associate Professor
K. E. Francis, M.S., Ph.D., Associate Professor
A. Tayyeb, M.A., Associate Professor
M. F. Bunce, M.A., Ph.D., Assistant Professor
B. Greenwood, B.Sc., Ph.D., Assistant Professor
C. J. Sparrow, B.Sc., Ph.D., Assistant Professor
H. R. Merrens, M.A., Ph.D., Special Lecturer
R. I. Wolfe, M.A., Ph.D., Special Lecturer

Political Science

S. J. Colman, M.A., Professor
E. Andrew, B.A., Ph.D., Assistant Professor
R. S. Blair, M.A., Assistant Professor
K. R. J. Sandbrook, M.A., Assistant Professor
Mrs. S. G. Solomon, M.A., Assistant Professor
T. G. Bastedo, M.A., LL.B., Ph.D., Lecturer

Sociology

R. L. James, M.A., Ph.D., Professor
W. M. Gerson, M.A., Ph.D., Associate Professor
W. W. Isajiw, M.A., Ph.D., Associate Professor
R. C. Beals, M.A., Ph.D., Assistant Professor
M. E. Hanna, M.A., Ph.D., Assistant Professor
L. L. Howard, M.A., Ph.D., Assistant Professor
J. A. Lee, M.A., Assistant Professor
P. H. Solomon, Jr., M.A., Assistant Professor
R. O'Toole, M.A., Lecturer

Commerce

M. S. Shapiro, B.Comm., C.A., Special Lecturer

Scarborough College is located in the eastern end of Metropolitan Toronto, approximately eighteen miles from the University's St. George Campus. The College is situated on an estate of more than two hundred acres of unspoiled ravine and woodland. Architecturally and aesthetically the College building is an extraordinary and magnificent complement to the landscape, and since its opening in 1966, has attracted widespread notice. The College is fortunate in enjoying both the privileges of membership in a large and diversified University, and the luxury of a relatively small academic community set in semi-rural environment. In addition, the College offers academic facilities—such as a substantial library and first rate and modern laboratories—seldom available to undergraduate students. The College is endeavouring to retain and to develop this fortunate combination of an intimate innovative community and a large and various urban University. Participation in the College's life is enthusiastically urged and invariably rewarding.

Facilities

Parking

The College parking lots are open to all students.

Bookstore

The Bookstore remains open until 9:00 p.m. Monday through Thursday for the first three weeks of classes. Thereafter, this arrangement is continued for one week of each month. Students should watch the noticeboard outside the main entrance of the College for exact dates.

Bus Schedules

Scarborough College operates a shuttle service between the Scarborough campus and the St. George campus, and to and from the Warden Subway Station. Bus schedules will be available from the Security Desk at the front door during the first few weeks of classes.

Cafeteria

The Cafeteria remains open until 9:30 p.m. Monday through Thursday each week of the Winter Session. Arrangements for the Summer Evening Session will be announced separately.

Library and Study Areas

For a college its size, Scarborough has an exceptionally large and well-equipped library—over 100,000 volumes. Students have direct access to the books, which have been selected to support the courses offered in the College, and an expert staff of librarians is on hand to help students make good use of what is available.

The collection of current periodicals is also large and diverse—over 1,000 titles including publications of general interest and of academic specialization.

In addition to borrowing from the College library collection, Scarborough staff and students are entitled to use and draw on the collection of the

University of Toronto's central library. There is a regular book delivery service from the central library to the Scarborough library.

The study space in the College library is equipped with individual study carrels, tables and arm chairs. Lending and study facilities are open until midnight from Monday through Thursday during the school year and until five o'clock on Fridays. The library is open on Saturdays between 10 a.m. and 4 p.m., and on Sundays between 1 p.m. and 10 p.m. Extensive study areas outside the library are also equipped with individual carrels. These study areas are available for students at any hour during the school year.

Library policy is guided by a committee which includes students as well as faculty and staff.

Scholarships and Financial Assistance

Awards and financial assistance are available in one or a combination of three forms:

Scholarships: Awarded to students for academic excellence, without reference to financial need.

Bursaries: Awarded to students who demonstrate both good academic achievement and financial need.

Interest-free loans: Provided to students who demonstrate financial need. Students must repay loans or assume interest payments after termination of studies.

Scarborough College students may qualify for awards offered by the Province of Ontario, the University of Toronto, or Scarborough College itself.

Ontario Student Awards Programme

In cases where students' and (in the case of dependent students) parents' resources are inadequate, the Ontario Student Awards Programme (OSAP) will provide assistance to help students meet their academic costs.

Most students who are Canadian citizens or landed immigrants, and who have established themselves as Ontario residents according to OSAP criteria, are eligible to apply for assistance from OSAP.

Ontario Student Awards are part interest-free loans and part grants (except in the cases of small awards which are wholly loans). In 1970-71 awards have ranged from as little as \$50 to as much as \$2,000, depending upon assessed need.

Each loan application is assessed individually by the Ontario Department of University Affairs. A description of the method of assessment is available in the brochure, "Ontario Student Awards Programme, 71/72", available from the Registrar's Office.

OSAP should be regarded as the primary source of financial assistance for needy Ontario students. Other assistance such as bursary assistance (below) is available only in small amounts to students who do not qualify

to apply for Ontario Student Awards or who have received OSAP assistance which is insufficient to meet their needs.

Application forms may be obtained from the Office of the Registrar (284-3300). Students are urged to apply early in the summer. Students who wait until registration day in September may have to wait up to two months for assessment of their applications and payment of their awards.

OSAP applications must be submitted by 31 October 1971. Applications submitted after this date but before 31 January 1972 will be considered for one-half the normal assistance. Only in cases where a sudden change in circumstances creates grave need will applications be accepted after 31 January 1972.

Scholarships

1) University of Toronto Admission Scholarships

Students entering the first year at Scarborough College with outstanding high school records are eligible for a large number of scholarships awarded by the Senate of the University of Toronto. The scholarships are listed in the booklet, *University of Toronto Admission Awards, 1971-72* available at any Ontario high school.

Application for University of Toronto admission scholarships must be made on application forms available from and submitted to the student's high school.

2) Scarborough College Admission Scholarships

Students entering the first year at Scarborough College with outstanding high school records are eligible for the following scholarships awarded by the Council of Scarborough College. All applicants for admission to the College who present outstanding qualifications will be considered for these scholarships. It is not necessary to submit an application.

The Agincourt Lions Club Scholarship. Gift of the Agincourt Lions Club, this scholarship is awarded to a student with high first-class standing entering Scarborough College directly from any secondary school in the Borough of Scarborough. Value: \$300.

Borough of Scarborough Admission Scholarship. One of a number of gifts of the Borough of Scarborough, this scholarship is awarded to a student with high first-class standing entering the first year at Scarborough College. Value: \$350.

I.O.D.E. Isabel Rutter Chapter Admission Scholarship. One of three gifts of the Imperial Order Daughters of the Empire, Isabel Rutter Chapter, this scholarship is awarded to a student with high first-class standing entering Scarborough College directly from any secondary school in the Borough of Scarborough. Value: \$200.

Scarborough College Open Admission Scholarships. Awarded from funds allocated by the Senate of the University of Toronto, a number of scholarships will be granted to students entering the first year at Scarborough College with high first-class standing. The number and value of the scholarships will be determined by the Scarborough College Council with reference to the standing of the potential scholarship winners.

Scarborough College—Varsity Fund Continuing Scholarships. Gifts of the Varsity Fund, three continuing scholarships are awarded to students with high first-class standing entering the first year at Scarborough College. Value: \$350. in the first year; \$500. in no more than three subsequent years. Continuation of the awards is conditional on the maintenance of first-class standing.

Township of Pickering Admission Scholarship. One of two gifts of the Township of Pickering, this scholarship is awarded to a student with first-class standing entering the first year at Scarborough College. Preference is given to Township of Pickering students. Value: \$250.

3) University of Toronto In-Course Scholarships

Students who achieve excellent academic standing in first, second and third year are eligible for a large number of scholarships awarded by the Faculty of Arts and Science and by the Senate of the University of Toronto. These scholarships are listed in the Awards Calendar of the Faculty of Arts and Science. All students who achieve outstanding results will be considered. It is not necessary to submit an application.

4) Scarborough College In-Course Scholarships

Students who achieve excellent academic standing in first, second and third year are eligible for the following scholarships awarded by the Council of Scarborough College. All students who achieve outstanding results will be considered. It is not necessary to submit an application. *The Governor General's Silver Medal.* This medal is awarded to the student with the highest standing in the graduating class of Scarborough College.

The Borough of Scarborough Scholarships: Two of several gifts of the Borough of Scarborough, these scholarships are awarded: (a) to the student with the highest standing in first year who enters the second year at Scarborough College; and (b) to the student with the highest standing in second year who enters the third year at Scarborough College. Value: \$500. each.

I.O.D.E. Isabel Rutter Chapter Scholarships. Two of three gifts of the Imperial Order, Daughters of the Empire, Isabel Rutter Chapter, these scholarships are awarded to students with high Grade "A" standing: (a) in the first year, entering the second year at Scarborough College; and (b) in second year, entering third year in the College. Value: \$200.

Scarborough College Open Scholarships. Awarded from funds allocated by the Senate of the University of Toronto, a number of scholarships will be granted to students completing first, second and third years with high first-class standing and entering their next years at Scarborough College. The number and value of the scholarships will be determined by the Scarborough College Council with reference to the standing of the potential scholarship winners.

Township of Pickering Scholarship. One of two gifts of the Township of Pickering, this scholarship is awarded to a student achieving first-class standing in the first or second year, and entering second or third year at

Scarborough College. Township of Pickering students are preferred. Value: \$250.

The Penny Dampney Prizes in Human Physiology. Gift of Mrs. Penny Dampney, instructor in Human Physiology at Scarborough College until 1969-70, these prizes are awarded to the man and woman who achieve the highest standing in Biological Science B14Y, Human Physiology. Value: \$125 each.

Bursaries

1) University of Toronto In-Course Bursaries

Students in second, third or fourth year at Scarborough College, who are in financial need and who have achieved a good academic record (usually at least B+), are eligible to apply for University of Toronto In-Course Bursaries. Application forms, available at the Registrar's Office, must be submitted before 15 October 1971.

2) Scarborough College Bursaries

Gifts of the Borough of Scarborough and the Township of Pickering, these bursaries are awarded to students in real financial need who are making satisfactory academic progress.

Application forms, available from the Registrar's Office, must be submitted by 15 January 1972. Value: \$150.

3) Scarborough College Special Bursaries

Made available from funds allocated by the Senate of the University of Toronto, these bursaries are awarded to students in real financial need who are making very good academic progress.

Applications, available from the Registrar's Office, must be submitted by January 1972. Value: \$150.

4) Scarborough College Alumni Association - Varsity Fund Bursaries

Gifts of the Varsity Fund, through the auspices of the Scarborough College Alumni Association, these bursaries are awarded to students in real financial need who are making adequate academic progress. Applicants for Scarborough College Bursaries (above) will be considered for the Alumni Association - Varsity Fund Bursaries. Value: Usually \$150.

5) The MacDonald Bursary

Gift of Mr. Ian A. MacDonald, Administrative Assistant to the Chairmen of the Division of Science, this bursary is awarded to a student in his second or higher year who demonstrates both very good academic progress and real financial need. Applicants for Scarborough College Bursaries (above) will be considered for the MacDonald Bursary. Value: \$200.

Emergency Loans

The Scarborough Council Loan and Bursary Fund has been established from the contributions of members of Scarborough College.

The fund is designed to provide emergency, short-term loans to students who are unable to receive assistance from any other source and who are in need of assistance in order to carry on with their studies.

A student who requires short term assistance in order to carry on with his studies should speak with the Registrar.

Accommodation

Housing Service

Students who wish to find room and board, or who wish to locate in their own apartments, are invited to consult the housing registry maintained by the Student Services Office. As listings of accommodation quickly become obsolete, we suggest that you arrange a trip to Scarborough in advance of the first week of classes to find a place that suits you.

During the week before classes, the College will provide local transportation and emergency accommodation to students requesting such assistance.

For information, please contact the Student Services Office, Scarborough College, 284-3292.

Students who wish to locate downtown may contact the University Housing Service, 49 St. George Street, Toronto 5, tel. 928-2542.

Co-Operative Residences

In 1970-71 the College operated ten small houses within five minutes' walk of the College. The residences included furnished double and single bedrooms, shared living rooms and shared kitchens equipped with stove, refrigerator, cooking utensils, dishes and cutlery. Residents supplied their own blankets, linen and towels.

Rules were made and administered by the residents.

Accommodation is available for both men and women. For further information and application forms, please write to Scarborough College Co-operative Association, Scarborough College.

Nurses Residence

The Scarborough Regional School of Nursing, located one mile from the College, offers accommodation to approximately thirty women. For information and application forms write to Mrs. Jopson-Taylor, Scarborough Regional School of Nursing, Ellesmere Road, Scarborough. Telephone: 284-6151.

Athletics and Recreation

The students of the College enjoy the benefits of their own local athletic programme which they help to plan and administer through the Executive of the co-educational Scarborough College Athletics Association. The Department of Athletics and Physical Education at Scarborough College co-ordinates and facilitates the various phases of this extensive indoor and outdoor programme. In addition, as members of the Univer-

sity of Toronto, our full-time students have access to the premises and activities of Hart House (men) and the Benson Building (women) on the St. George Campus.

At Scarborough College there is no physical education requirement, yet the benefits derived from participation in sports and athletics are well recognized and every student is encouraged to take an active part in some phase of the athletic programme. The new skills learned and the friendships formed through such participation will often give lasting enjoyment long after university years.

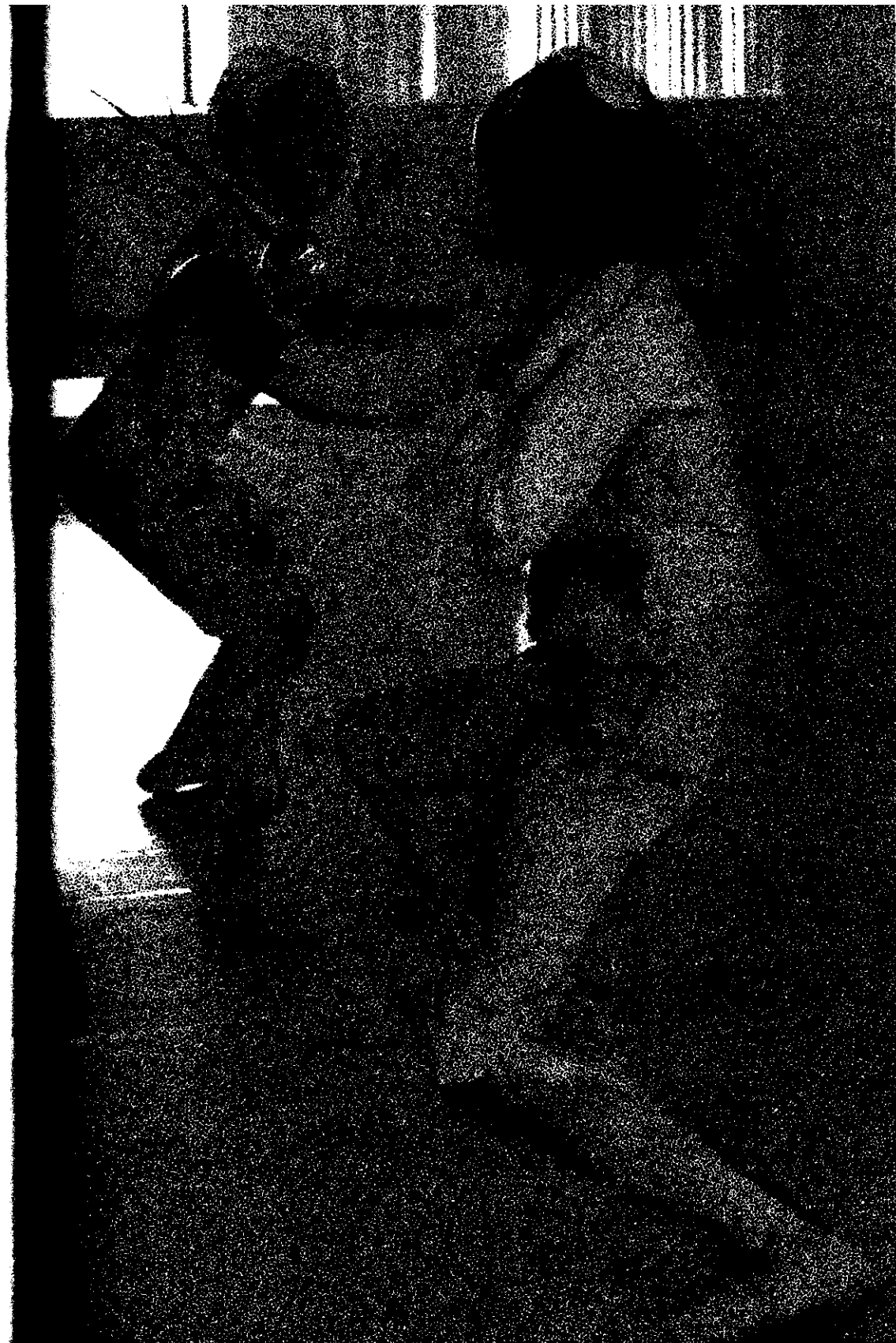
The present on-campus facilities include four outdoor tennis courts, archery and golf ranges, and several playing fields. Pending construction of the proposed Recreation Centre, the College is making extensive use of the nearby community facilities. Thus several gymnasia, indoor ice arenas, a swimming pool, and a curling rink have been secured to accommodate the various instructional, recreational and competitive activities.

At Scarborough College one of the main programme aims is participation by students in the learning of new sports skills which can be enjoyed also after graduation. Thus golf, horseback riding, tennis, curling, sailing, gymnastics, skiing, modern dance, karate and yoga etc., are emphasized. The more proficient athletes are eligible to compete as members of University of Toronto varsity teams, or join any of Scarborough's representative teams. Those interested in less demanding competition may participate in the Intramural Programme.

The Scarborough College Athletic Letter is awarded to both men and women who accumulate merit points through participation and achievement in the athletic programme.

A handbook containing detailed information regarding all athletic facilities, activities, schedules and personnel will be available in the fall.

T. Pallandi,
Director of Physical Education.



Faculty Directory

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EXTENSION INQUIRY		284-3127	Registrar's Office
Amenta, S.	Fine Art	284-3334	Shack
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