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<th>Event</th>
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<tbody>
<tr>
<td>April 1</td>
<td>Last day for new and special students to apply for admission to the Summer Evening Extension Session.</td>
</tr>
<tr>
<td>April 1</td>
<td>Last day for receipt of applications for Early Admission to the September 1970-71 Full-Time Session. (Current Ontario Grade 13 students only are eligible for Early Admission.)</td>
</tr>
<tr>
<td>April 1</td>
<td>Course selection for academic year September 1970-71 begins for students currently enrolled in 1st or 2nd year.</td>
</tr>
<tr>
<td>April 10</td>
<td>Meeting of the Senate.</td>
</tr>
<tr>
<td>April 11</td>
<td>No classes after this date.</td>
</tr>
<tr>
<td>April 20</td>
<td>Annual examinations begin.</td>
</tr>
<tr>
<td>May 1</td>
<td>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.</td>
</tr>
<tr>
<td>May 8</td>
<td>Annual examinations end.</td>
</tr>
<tr>
<td>May 8</td>
<td>Meeting of the Senate.</td>
</tr>
<tr>
<td>May 15</td>
<td>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.</td>
</tr>
<tr>
<td>May 18</td>
<td>No registrations for the Summer Evening Extension Session are permitted after this date.</td>
</tr>
<tr>
<td>May 19</td>
<td>Registration of 1st year students, Metro Toronto residents A-K inclusive; 9 a.m. to 4:30 p.m.</td>
</tr>
<tr>
<td>May 29</td>
<td>Registration of 1st year students living outside Metro Toronto; 9 a.m. to 4:30 p.m.</td>
</tr>
<tr>
<td>June 1</td>
<td>Last day for students in Summer Evening Extension Session to make a change of course.</td>
</tr>
<tr>
<td>June 1</td>
<td>Last day for receipt of applications from candidates seeking admission to the regular full-time session September 1970-71.</td>
</tr>
<tr>
<td>June 3</td>
<td>Scarborough College Commencement – 10:00 a.m.</td>
</tr>
<tr>
<td>June 30</td>
<td>Final date for withdrawal without academic penalty from Summer Evening Extension Session.</td>
</tr>
</tbody>
</table>

**July**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Dominion Day (all classes cancelled).</td>
</tr>
<tr>
<td>July 10</td>
<td>Last day for students with supplemental privileges to apply for the August examinations.</td>
</tr>
<tr>
<td>August 1</td>
<td>Last day for receipt of applications from candidates seeking admission to the Winter Evening Extension Session.</td>
</tr>
<tr>
<td>August 3</td>
<td>Civic Holiday (all classes cancelled).</td>
</tr>
<tr>
<td>August 14</td>
<td>Last day of Classes in Summer Evening Extension Session.</td>
</tr>
<tr>
<td>August 17-21</td>
<td>August Examinations.</td>
</tr>
<tr>
<td>September 7</td>
<td>Labour Day.</td>
</tr>
<tr>
<td>September 10</td>
<td>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.</td>
</tr>
<tr>
<td>September 10</td>
<td>Registration of 1st year students, Metro Toronto residents A-K inclusive; 9 a.m. to 4:30 p.m.</td>
</tr>
<tr>
<td>September 14</td>
<td>Registration of 1st year students living outside Metro Toronto; 9 a.m. to 4:30 p.m.</td>
</tr>
<tr>
<td>September 15</td>
<td>Registration of 2nd year students, A-K inclusive; 9 a.m. to 4:30 p.m.</td>
</tr>
<tr>
<td>September 16</td>
<td>Registration of 2nd year students, L-Z inclusive; 9 a.m. to 4:30 p.m.</td>
</tr>
<tr>
<td>September 17</td>
<td>Registration of 3rd year students, A-K inclusive; 9 a.m. to 4:30 p.m.</td>
</tr>
<tr>
<td>September 18</td>
<td>Registration of 3rd year students, L-Z inclusive; 9 a.m. to 4:30 p.m.</td>
</tr>
<tr>
<td>September 18</td>
<td>Registration of Full-Time Special Students at the Faculty Office, Sidney Smith Hall; A-Z, from 9 a.m. - 12 noon; M-Z, from 2 p.m. to 4:30 p.m.</td>
</tr>
<tr>
<td>September 20</td>
<td>After this date, the late registration fee will be enforced for full-time students.</td>
</tr>
</tbody>
</table>
September 21  Clases for the 1970-71 Academic Year begin at 9 a.m.
September 28  Meeting of Faculty of Arts and Science Council.
September 30  No registrations for the Winter Evening Extension Session are permitted after this date.
October 8  Meeting of the Senate.
October 10  Thanksgiving Day (all classes cancelled).
October 15  Last day for enrollment in Fall Term Half-Courses or Full Year Courses.
November 2  Meeting of Faculty of Arts & Science Council.
November 11  Remembrance Day (class as usual).
November 13  Meeting of the Senate.
November 20  Fall Convocation.
November 20  Last day for withdrawal without academic penalty from Fall Term Half-Courses.
November 20  All students must confirm their programs in person, with the Registrar’s Office between November 1 and November 20, after which a late fee of $1.00 per day (maximum $20.00) will be charged.
November 20  Meeting of the Faculty of Arts & Science Council.
December 11  Meeting of the Senate.
December 18  Last day of classes. Term ends at 5 p.m.

1971  \[ \text{Exam Week – Final Term Begins} \]
January 4  Second term begins. Classes commence at 9 a.m.
January 4  Meeting of the Faculty of Arts & Science Council.
January 8  Meeting of the Senate.
January 15  Last day for receipt of applications for Scarborough College bursaries.
January 20  The second term installment of fees must be received by this date.

February 1  Last day for enrolling in Spring Term Half-Courses.
February 1  Meeting of Faculty of Arts & Science Council.
February 12  Meeting of the Senate.
February 15  Last day for withdrawal without academic penalty from extra Spring Term Half-Courses and from extra Full Year courses.
February 15  Last day for withdrawal without academic penalty from a Full-Time or a Part-Time programme.
February 14-20  Reading Week (all classes cancelled).
March 1  Meeting of the Faculty of Arts & Science Council.
March 12  Meeting of the Senate.
March 29  Meeting of the Faculty of Arts & Science Council.
April 1  Last day for receipt of applications for Early Admission to the September 1971-72 Fall Time Session. (Current Ontario Grade 13 students only are eligible for Early Admission.)
April 1  Last day for new and Special Students to apply for admission to the Summer Evening Extension Session.
April 7  Meeting of the Senate.
April 9  Good Friday (all classes cancelled).
April 17  No classes after this date.
April 19  All term assignments must be submitted by this date.
April 19  Annual examinations begin.
May  Meeting of the Faculty of Arts & Science Council at the call of the Chairman.
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 4.
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 14  Meeting of the Senate.
May 15  No registrations for the Summer Evening Extension Session are permitted after this date.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 17</td>
<td>Summer Evening Extension classes begin.</td>
</tr>
<tr>
<td>May 24</td>
<td>Victoria Day (all classes cancelled).</td>
</tr>
<tr>
<td>May 28</td>
<td>University Commencement begins.</td>
</tr>
<tr>
<td>June 1</td>
<td>Last day for students in Summer Evening Extension Session to make a change of course.</td>
</tr>
<tr>
<td>June 1</td>
<td>Last day for receipt of applications from candidates seeking admission to the regular Full-Time Session September 1971-72.</td>
</tr>
<tr>
<td>June 30</td>
<td>Final date for withdrawal without academic penalty from the Summer Evening Extension Session.</td>
</tr>
<tr>
<td>July 1</td>
<td>Dominion Day (all classes cancelled).</td>
</tr>
<tr>
<td>July 18</td>
<td>Last day for students with supplemental privileges to apply to write the August examinations.</td>
</tr>
<tr>
<td>August 1</td>
<td>Last day for receipt of applications from candidates seeking admission to the Winter Evening Extension Session.</td>
</tr>
<tr>
<td>August 2</td>
<td>Civic Holiday (all classes cancelled).</td>
</tr>
<tr>
<td>August 13</td>
<td>Last day of classes in the Summer Evening Extension Session.</td>
</tr>
<tr>
<td>August 16-20</td>
<td>August examinations.</td>
</tr>
</tbody>
</table>
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 programmes 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 and Admission

Full details of the University of Toronto undergraduate admission requirements and application procedures are contained in the Undergraduate Admission Handbook 1970-71 (for students presenting Canadian qualifications) and the Undergraduate Admission Bulletin 1970-71 (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, University of Toronto, to whom all enquiries concerning admission should be directed.
Application Procedures:
(a) Full-Time Studies: As the University of Toronto operates on an academic year system, admission 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. Courses are offered in a Winter Evening Session and 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.

Complete information relating to the Extension programme is given in the appropriate section of his Calendar.

General Admission Requirements: Candidates for admission in the fall of 1970 to the first year of an undergraduate programme will be required to offer standing in at least four Ontario Grade 13 subjects comprising at least seven credits, or a programme of equivalent standing from another educational system. (The Office of Admissions will answer all queries relating to equivalent certificates.) Applicants should note that the possession of the minimum published requirements does not ensure admission as the number of places available in Scarborough College is limited.

The four subject, seven credit Grade 13 programme mentioned should include two subjects from English, another language, Mathematics (either A or B), and optional subjects for a total of at least seven credits.

Under the University of Toronto's admission practices, the school record of the applicant, the cardatidial report of the school and all available standard tests are considered. The length of time in secondary school, and the number of sittings at Grade 13 examinations (or their equivalents) needed to obtain the entrance requirements are also taken into account.

Applicants who indicate Scarborough College as their college of first choice are given preferential consideration.

Mature Students: Students who are 25 years of age or older on October 1, 1970, who have been residents of Ontario for at least one year, who have a sound academic record, and who have at least 60% in at least one Grade 13 subject, or its academic equivalent, and obtain standing in such other tests as may be required, will be considered for admission to Scarborough College as Mature Students. Possession of the minimum requirements does not ensure selection.

English Facility Requirements: Candidates whose mother tongue is not English may be required to meet an appropriate standard in a recognized test of English facility such as the University of Michigan English Language Test, the Certificate of Proficiency in English issued by the Universities of Cambridge or Michigan, or the Test of English as a Foreign Language. Details and information about these tests may be obtained from the Office of Admissions.

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, 1970 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, 1970 Last day for receipt of applications for Summer Evening Extension Session (not open to students currently enrolled in full-time Ontario Grade 13 courses).

1 June, 1970 Last day for receipt of applications to be considered for regular full-time courses.

1 August, 1970 Last day for receipt of applications for Winter Evening Extension Session.

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 an 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 stu...
dent 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 who completed first year as a full-time student in the General Arts or General Science Programme will be given standing equivalent to five A-level courses in the New Programme. (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, which 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 no later than 15 February 1972. (A special form will be provided for this purpose.) To qualify for a Bachelor of Science degree, a student must obtain standing in at least six B-level or C-level courses offered in the following disciplines:

- Astronomy
- Biological Science
- Chemistry
- Geography (GCR03Y and GCR07Y only)

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.

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 one 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.

The Four Year Degree
A student who has completed a fourth year programme will receive a Bachelor of Arts or Bachelor of Science degree. The designation "Bachelor of Arts (Four Year)" or "Bachelor of Science (Four Year)" will appear on his transcript.

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
- Biological Science
- Chemistry
- Geography (GCR03Y and GCR07Y only)
- Mathematics
- Physics
- Psychology

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
2) he fails five courses of the first fifteen courses attempted; or
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 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 all Grade XIII admission requirements if he fails more than two courses of the first five courses attempted.

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

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 full 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 stand 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. Credit will be retained for any half-course completed and discredit noted for any half-course failed before the date of withdrawal.
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.

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 step, if any, that he must take in order to
complete the course.
Petitions for aegrotat consideration for a fall term course must be entered
as soon as possible after the normal date of completion for the course.
Petitions for aegrotat consideration for a spring term course or a year-
course must be entered by the last day of the Annual Examinations.
Petitions for aegrotat consideration for a summer session course must
be entered by the last day of the August Examinations.
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.

Transcript
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.

Registration
For the session 1970-71, 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 be-
fore the summer exodus, and first year students, as soon as they are
admitted, will be able to plan their programmes 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 effectuated at any time after the initial selection of
courses [except during Registration Week]. 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
deadline forms, receive their admit-to-lecture cards, and check their course
selections. Course changes can be made from the end of registration until
13 October.

Full details of the registration procedures are available from the Regis-
trar'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.

Thursday 19 September 9:00-4:30 First Year A-K
(Metro Toronto)
Friday 11 September 9:00-4:30 First Year L-Z
(Metro Toronto)
Monday 14 September 9:00-4:30 First Year A-Z
(Outside Metro Toronto)
Tuesday 15 September 9:00-4:30 Second Year A-K
Wednesday 16 September 9:00-4:30 Second Year L-Z
Thursday 17 September 9:00-4:30 Third Year A-K
Friday 18 September 9:00-4:30 Third Year L-Z

Fourth year students may register at any time during the Registration
period.

Fees
Sessional Fees
Fees for the 1970-71 session are listed below. Please note that fees are
subject to change by the Board of Governors of the University.

<table>
<thead>
<tr>
<th></th>
<th>First Installment</th>
<th>Second Installment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Men</td>
<td>$285.</td>
<td>$130.</td>
</tr>
<tr>
<td>Women</td>
<td>$270.</td>
<td>238.</td>
</tr>
</tbody>
</table>

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

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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 1971. 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 form 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

The Fees Department will return to the student a receipted copy of the fees form. This receipted copy will be required to complete the registration process. If the student is unable to pay his full fees or his first instalment during the month of August, he should not mail his fees to the Fees Department because he will not receive back the receipted copy of his fees form in time for registration. Rather the student 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:**

   - 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 (except an Ontario Scholar) 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.

   **Ontario Scholarships:** An Ontario Scholar may apply his scholarship to the payment of fees provided that his statement of award is sent in with the fees form. A student who pays full fees in the fall may deduct the full amount of his Ontario Scholarship. A student who pays only the first instalment may deduct half the amount of his scholarship.

3) **Second Instalment:**

   The second instalment of fees must be paid on or before 20 January 1971. Fees should be sent or taken in person to The Fees Department. A student who pays fees by mail must send a personal cheque or money order (post paid), and should print neatly on the back of the cheque his name, address, student number, College and year.

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 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 Installment of Sessional Fees: Each student is required to pay the second installment of his fees by 20 January of each year. A student who is late with his second installment 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 for such 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 in to see Mrs. Joan Adams (S301C) or by calling her at 284-3292.
Timetable and Course Descriptions

Winter Day Session 1970-71

Notes

1) The letters A, B and C prefixed to course numbers indicate levels of complexity and degree of specialization.
2) The letters F, S and U indicate respectively Fall, Spring and Year-long Half Courses.
3) Where a student lacks pre- or corequisites for a course, he can only be admitted to that course by the written permission of the Instructor. Such permission must be submitted to the Registrar.
4) Where two numbers appear beside a course, one ending in F, one ending in S, the course is given twice, once in each term.
5) Monday, Tuesday, Wednesday, Thursday and Friday are indicated by the letters M, T, W, R and F.

Anthropology

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Anthropology literally means "the study of man", that is, of man in his distinctively human (as opposed to animal) aspects. The subject has four major sub-disciplines. The present curriculum concentrates on two of these: cultural and social Anthropology, and prehistoric and ethnological. The other two (Physical Anthropology and Linguistics) are presented as part of an introductory course, but will be given more attention as staffing permits.

A fundamental premise of Anthropology is the unity of mankind based on recognition of the fact that all varieties of mankind are very
similar in physical make-up and basic mental operations, whether they belong to literate or pre-literate cultures. At the same time the diversity of cultures and social forms is among the main concerns of anthropologists. Such general laws as Anthropology has evolved are based on the comparison of specific cultures and societies studied in the field.

ANTAO1Y 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 will take 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, Knight

ANTAO2F 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.

ANTAO35 Social Organization
"Kinship is in 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 analyzing variations in social structure.
Spring Course/Prerequisites: None/Corequisites: None
Instructor: Hoopen

ANTBO1F 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. Causus will be drawn largely, but not exclusively, from non-industrialized societies.
Fall Course/Prerequisites: None/Corequisites: None
Instructor: Knight

ANTBO2S Anthropology of Religion
Spring Course/Prerequisites: None/Corequisites: None
Instructor: Hoopen

ANTBO3F The American: An Anthropological Perspective
[Not offered in 1970-71]
Fall Course/Prerequisites: None/Corequisites: None

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

NTBO4S Culture of North America
A survey of indigenous cultures as they developed in North America north of Mexico before, during and after European expansion. The material will be largely drawn from a select sample of Indian societies as described in the ethnographic present (3 to 300 years ago), although there will be some discussion of contemporary processes among these groups. [Course not offered in 1970-71]
Spring Course/Prerequisites: None/Corequisites: None

NTBO5F 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: Hoopen

NTBO6S 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.
Spring Course/Prerequisites: None/Corequisites: None
Instructor: Schwimmer

NTBO7S Comparative Slavery
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
Instructor: Shirley

NTBO8S 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. [Course not offered in 1970-71]
Spring Course/Prerequisites: None/Corequisites: None

NTBO9S Theory and Analysis in Social and Cultural Anthropology
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.
ANTB105 Action Anthropology
For some years anthropologists have used their knowledge of human societies to attempt 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.
Fall Course/Prerequisites: None/Corequisites: None
Instructor: Schwimmer

ANTB111 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. [Course not offered in 1970-71]
Fall Course/Prerequisites: None/Corequisites: None

ANTB125 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. [Course not offered in 1970-71]
Spring Course/Prerequisites: None/Corequisites: None

ANTB130 Methods and Principles of Archaeology
Consideration of the techniques by which an archaeologist collects and analyses prehistoric data for the reconstruction and study of culture history.
Year Course/Prerequisite: None/Corequisite: None
Instructor: Schroeder

ANTB140 Human Evolution
Fall Course/Prerequisites: None/Corequisites: None

ANTB150 Introduction to Physical Anthropology
Year Course/Prerequisites: None/Corequisites: None

ANTB160 Ethnic Cultures of Canada
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
Instructor: Knight
Astronomy
ASTA01Y 3L/7.5R12
[1.7/10/11/12/13/14]
T/12

The subject matter of astronomy encompasses more than 99.9999 per cent of the observable universe; everything, in fact, above the earth's atmosphere, and even some phenomena such as 'shooting stars' which occur within the atmosphere. At Scarsborough College, the student may elect to sample the full extent of astronomical topics in a survey course, ASTA01Y, or he may delve deeper into astrophysics with the more mathematical and physical course, ASTB01Y.

ASTA01Y A Survey of Modern Astronomy
An introductory course which surveys all aspects of extraterrestrial Universe from the Solar System to the most distant known galaxies and quasars. Emphasis is given to the historical context in which Astronomy has developed, in particular, the connection with the Greek and Roman Empires, the Renaissance, the Reformation, the industrial revolution, and 20th century technology. Theories of the evolution of the Solar System, stars, and the Universe at large are discussed. The more recent techniques of radio astronomy and satellite based observations are described, along with the new information provided and ideas which they have stimulated.

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

ASTB01Y Topics in Astrophysics
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;

Biological Science
BOA01Y 2L/7.5R12
3P/TW/1T/T1/11/12/13
F/F/F/F/F/F/F

5. The Structure and Evolution of the Universe: an examination of the large-scale constituents of the Universe — galaxies and quasi-stellar objects — and the temporal behavior of the system as a whole.

Year Course/Prerequisites: FHYA01Y, MATA01Y or MATA03Y
Corequisites: MATB01Y
Instructor: Reader

BOA13Y 2L/7.5R12
3P/TW/1T/T1/11/12/13
F/F/F/F/F/F/F

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.

**BIOA01Y Molecular and Cellular Biology**
An introductory lecture and laboratory course dealing with life processes at the molecular and cellular level of organization.
Year Course/Prerequisites: None/Corequisites: None
Instructor: Jing, Jang, Jayaraman, Milne

**BIOA02Y Organismal and Population Biology**
An introductory course dealing with the biology of whole organisms and their populations.
Year Course/Prerequisites: None/Corequisites: None
Instructor: Campbell, Dnegler, Yarranton, Filosa, Youson

**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, rickettsia, and fungi.
Year Course/Prerequisites: BIOA01Y, BIOA02Y
Corequisites: CHMB01Y
Instructor: Kingley

**BIOB03S Physiology**
A lecture and laboratory course on the ecology, physiology and biochemistry of the algal.
Spring Course/Prerequisites: BIOA01Y, BIOA02Y / Corequisites: CHMB01Y
Instructor: Sparking

**BIOB05Y Genetics**
A lecture and laboratory course in cytogenetics and the genetics of bacteria, fungi, and Drosophila.
Year Course / Prerequisites: BIOA01Y and BIOA02Y / Corequisites: CHMB01Y
Instructor: Jilson

**BIOB06Y Plant Physiology**
A lecture and laboratory course covering aspects of water relations, mineral nutrition, salt uptake and the growth and development of plants.

**BIOE07Y 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: CHMB01Y

**BIOE08Y Invertebrate Zoology**
A field-laboratory course dealing with the taxonomy, morphology and ethology of invertebrates with special reference to parasitic forms and their importance to humans. One week is spent in field studies prior to the Fall registration period. It is recommended that students taking this course have had a previous course in Zoology at the university level or Grade 12 (Ontario) Biology.
Year Course/Prerequisites: Permission of instructor/Corequisites: None
Instructor: Urquhart

**B11Y Animal Populations and Evolution**
A study of the process of heritable changes in animal populations with special regard to population genetics, population dynamics and specics diversity.
Year Course/Prerequisites: None/Corequisites: BIOB05Y
Instructor: Campbell

**B12Y 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: BIOA02Y, CHMA01Y / Corequisites: MATB02F, MATB13S
Instructor: Yarranton

**B12Y 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: BIOA02Y/Corequisites: None
Instructor: Drogel
3B14Y Human Biology
A course designed, through lectures and laboratory exercises, to introduce the student to experimental procedures in Zoology using the human body as the experimental animal. Various functions of mammalian organs are discussed with reference to normal as well as malfunctions. It is recommended that students taking this course have had a previous course in Zoology at the university level or Grade 12 (Ontario) Biology.
Year Course/Prerequisites: None/Conquisites: None
Instructor: Urquhart

3B15F Linnology
A lecture and laboratory course, with some field work, dealing with the ecology of aquatic organisms, mainly phytoplankton.
Fall Course/Prerequisites: BIOA09Y, BIOA10Y/Conquisites: CHMB05Y
Instructor: Spallol

3B16Y Comparative Vertebrate Morphology
A lecture and laboratory course on the histological and gross structure of vertebrates with particular reference to their ontology and phylogeny. (not open to students who have taken BIOB09Y)
Year Course/Prerequisites: BIOA02Y/Conquisites: None
Instructor: York

3B17Y General and Comparative Physiology
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) Nervous and muscle physiology. Much of the comparative material deals with invertebrate forms. (not open to students who have taken BIOB09Y)
Year Course/Prerequisites: BIOA01Y or BIOA02Y/Conquisites: CHMB05Y
Instructor: Smith

3B18F Cell Metabolism
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. (formerly half of BIOB11Y; not open to students who have taken that course)
Fall Course/Prerequisites: BIOA01Y, CHMB05Y/Conquisites: None
Instructor: Hermiston

3B19S Biology of Macromolecules
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. (formerly half of
### Chemistry

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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 fall of each academic year, but they 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 (St. George). Individual Scarborough courses do not have direct equivalents on the St. George campus. Enrollment 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 enrollment in any course in the St. George 400 series indicated:

### 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, thermodynamics; introduction to kinetic theory of gases and reaction kinetics.

Year Course/Prerequisites: Grade 13 Chemistry or permission of instructor/Corequisites: MAT1A05Y, MAT1A05Z, MAT1B01F, MAT1B05F, MAT1B01F, MAT1B05F, MAT1B05F, MAT1B05F, PHYS1A0Y, PHYS1B0Y, PHYS1B1Y, PHYS1B2Y.

### Inorganic Chemistry 1

- Atomic and molecular structure, including energy levels, bonding, electronegativity, lattice energies, heats of formation and hydration, etc. Oxidation state diagrams. Chemistry of hydrates, halogenides 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

### Analytical Chemistry Laboratory

- Qualitative analysis: redox equilibria. pH titrations, precipitation titrations, complexometric titrations, ion-exchange, chromatography.

Year Course/Prerequisites: CHMA01Y/Corequisites: CHMB02H, CHMB03Y

### Physical Chemistry 1

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

Year Course/Prerequisites: CHMA01Y, PHYS1A0Y, MAT1A05Y or MAT1A05Z/Corequisites: None

Instructor: Redick

### Spectroscopy and Molecular Structure

An introduction to the theories of atomic and molecular structure
and spectroscopy, making use of the basic concepts of quantum mechanics. The applications of spectroscopy will also be considered; the final third of the course will deal with the uses of spectroscopy in organic chemistry.

Year Course / Prerequisite: 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/Prerequisite: None/Corerequisite: CHMA01Y
Instructor: 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, nitriles, etc.
Year Course / Prerequisite: CHMB01Y, CHMB02H / Corequisites: CHMB04Y
Instructor: Walker

CHMC12S Physical Chemistry II
Chemical applications of statistical mechanics; statistical thermodynamics; kinetic theory of gases; applications to chemical kinetics. Spring Course / Prerequisite: CHMA04Y, MATA55Y or MATA01Y, PHYA01Y / Corequisites: CHMB03Y, CHMB04Y
Instructor: Caton

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.
Year Course/Prerequisite: CHMB05Y/Corequisites: None
Instructor: Lynch

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 readings and to report their findings in literature and original essays.

General Classics

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W01F Epic Poetry: Homer, Virgil and Lucan

Four epic poems are read in translation: the Iliad and Odyssey of Homer, the Aeneid of Virgil and the Pharsalia of Lucan. In addition, the development of the genre in Greek and Latin literature is discussed with reference to other epic poems. Emphasis is placed on the poems themselves, but there is also discussion of the historical, social and cultural background.

Year Course/Prerequisite: None/Corerequisite: None

W02Y Greek and Roman Tragedy

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/Prerequisite: None/Corerequisite: None
Instructor: Warden
CLAB03F Love Poetry
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/None/None
Instructor: Warten

CLAB04S 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, Pope and Donne. [Course not offered in 1970-71]
Spring Course/Prerequisites: None/None/None

CLAB05S 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.
[Course not offered in 1970-71]
Spring Course/Prerequisites: None/None/None

CLAB06S The Ancient Novel
The cozy Greek escapist novel, index of a society of reduced political views will be studied in the pages of its five major practitioners (Achilles Tatius, Chrestion, Heliodorus, Longus and Xenophon of Ephesus). The Roman counterpart is represented by the Satyricon (the sensual and intellectual odyssey of three antinomians) and the imagination and humor of Metamorphoses of Apuleius.
Spring Course/Prerequisites: None/None/None

CLAB09H 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. [Course not offered in 1970-71]
Half Year Course/Prerequisites: None/None/None

CLAB20Y 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. [In 1970-71 this course will be offered in]
Extension only. It is, however, open to all students.

Year Course/Prerequisite: None/Co-require: None
Instructor: Warden

CLRB2S

Literary Criticism
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/Prerequisite: None/Co-require: None
Instructor: Warden

FARE2S

Art and Culture in 5th Century Greece
An exploration of the culture of Classical Greece through its architecture, sculpture and vase painting.
Spring Course/Prerequisite: None/Co-require: None
Instructor: Schaefer, Boddington, Irwin, and Warden

Latin

The following courses are designed to acquaint the student with representative works from various periods and genres of Latin literature, emphasizing thorough 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.

There are two courses of an introductory nature, LAT001Y, for which no knowledge of Latin is assumed, and LAT002Y for students with Grade 13 Latin. Students who have Grade 13 Latin may be admitted to LAT001Y or LAT002Y without having LAT002Y as a prerequisite provided that they demonstrate that they have the linguistic competence necessary for these courses. Students who wish to take LAT001Y or LAT002Y as their first Latin course should register initially for LAT001Y. Students with Grade 12 Latin may be admitted to LAT002Y. They should consult the instructor.

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 used to introduce the student to Latin literature. On completion of the course a student will be equipped to proceed to LAT001F or LAT002S. Language Laboratory may be used.

Year Course/Prerequisite: None/Co-require: None
Instructor: McDonald

TW001F

Intermediate Latin
An introduction to Latin literature and the history of the language through the reading of selected texts. Accent and syntax will be reviewed. Emphasis will be placed on helping the student acquire fluency in reading Latin. The Language Laboratory will be used.
Fall Course/Prerequisite: Grade 13 Latin/Co-require: None
Instructor: Grant

TB01F

Catilina
A representative selection of the work of Catilina will be read—love poems, epigrams, and "foul" poems. The influence which affected Catilina and his contribution to Latin poetry will be considered.
Fall Course/Prerequisite: LAT001Y or LAT002F or Grade 13 (with placement test)/Co-require: None
Instructor: Grant

TB02S

Catiline
Sallust's Catiliniaria Conspiracy and selections from Cicero's Orations in Catilina 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/Prerequisite: LAT001Y or LAT002F or Grade 13 with placement test/Co-require: None

TB11S

Ovid
Selections from Augustan poetry, with reading from Ovid's elegiac and hexameter verse (Ars Amatoria, Metamorphoses VIII) and emphasis on the appreciation of poetic language and style. [Course not offered in 1979-80]
Spring Course/Prerequisite: LAT001F or LAT001S or LAT002S
Co-require: None

TB12F

Livy
Books 21 and 30 of Livy's history of Rome will be read, with attention given to the events of the Second Punic War as Livy recounts them, the writer's historical aims and methods, and his place in Augustan literature. [Course not offered in 1979-80]
Fall Course/Prerequisite: LAT001F or LAT001S or LAT002S
Co-require: None

TB13F

Virgil I
A selection of the Eclogues and two books of the Georgics will be read. The way in which Virgil treats the traditional genres of bucolic and didactic poetry, the purpose of the poems and their significance.
with respect to Virgil's own poetic development and achievement, will be discussed.

**LATB21F**  
*Virgil II*  
*Reading of three books of the Aeneid, as a basis for study of Virgil's epic technique, with emphasis on the appreciation of language and style, the writer's contribution to the development of the genre, and poem's significance as a mythological and historical document.*  
[Course not offered in 1970-71]  
*Spring Course/Prerequisites: LATB01F or LATB02S/Corerequisite: None*

**LATB28S**  
*A careful study of a selected number of Horace's Odes and Epodes, with attention to such aspects as form and structure, poetic imagination, and literary conventions. The selection of poems will embrace such themes as Horace and his work, Horace and the State, wealth and contentment; time and nature, life and death, love, religion.*  
*Spring Course/Prerequisites: LATB01F/Corerequisite: None  
Instructor: McDonald*

**LATB35S**  
*Satire*  
*A study of representative pieces from two distinct strains of Roman satire, that of Horace and that of Juvenal, with attention to the role of the satirist in both literary and social terms. [Course not offered in 1970-71]*  
*Spring Course/Prerequisites: LATB01F or LATB01S or LATB02S/Corerequisite: None*

**LATB44F**  
*Lucullus*  
*Reading from Lucullus' didactic poem De Rebus Natum with investigation of such topics as form, language, imagery, and the relationship of Lucullus to his predecessors. Both the philosophical background of the poem and its contemporary purpose will be examined. Specific topics may include Lucullus' theories of matter, space and cosmology, mind and spirit; sensation; the growth of human society.*  
*Full Course/Prerequisites: LATB01F/Corerequisite: None  
Instructor: McDonald*

**LATB22F**  
*Plautus and Terence*  
*An introduction to the drama of the Roman republic through the reading of three Latin comedies (including Plautus' Rudens and Terence's Phormio), with attention to the nature and development of Roman comedy. [Course not offered in 1970-71]*  
*Full Course/Prerequisites: LATB01F, or LATB01S or LATB02S/Corerequisite: None*

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**T248S**  
*Tacitus*  
*Books 11 and 12 of the Annals of Tacitus will be read, with emphasis on the author's literary and historical aims and methods. [Course not offered in 1970-71]*  
*Spring Course/Prerequisites: LATB01F or LATB01S or LATB02S/Corerequisite: None*

**T278S**  
*Properties and Titillius*  
*A study of selected poems of two outstanding figures in the development of Roman Erotic Elegy.*  
*Spring Course/Prerequisites: LATB01F or LATB02S/Corerequisite: None  
Instructor: Warden*

**T348S**  
*Cicero's Letters*  
*A selection from Cicero's correspondence will be used to gain a more intimate insight of Cicero's personality and of his attitude to the turbulent events and to the other protagonists in the struggle for power in the late republic. Literary and stylistic aspects will also be considered.*  
*Spring Course/Prerequisites: LATB01F or LATB02S/Corerequisite: None  
Instructor: Grant*

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**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., levers 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.*

**C001Y**  
*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/Corerequisite: None  
Instructor: Teens*

**C001F**  
*Plato Apology, Lysias In Euthyphron*  
*Socrates' speech in his defense 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.*
GKKB11S Homer, Odyssey
The wanderings of Odysseus—reading of 3 books of the Odyssey with discussion of the nature and literary qualities of Homeric epic. [Course not offered in 1970-71]

Spring Course/Prerequisites: GKKB11S/Con: None
Instructor: Irwin

GKKB12S Herodotus
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: GKKB11F/Con: None
Instructor: Irwin

GKKB21F Sophocles, Antigone
A detailed study of Antigone from both the linguistic and dramatical viewpoints. The place of Sophocles in the development of Greek tragedy will be examined.

Fall Course/Prerequisites: GKKB11S or GKKB12S/Con: None

GKKB22F Aristophanes, Clouds
A detailed study of Aristophanes’ play with examination of the origins, nature and development of Greek comedy. [Course not offered in 1970-71]

Fall Course/Prerequisites: GKKB11F/Con: None

GKKB28F Directed Reading
This course, like GKKB27S, is designed for students who are capable of reading Greek on their own with profit and its purpose is to provide them with the opportunity of 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.

Fall Course/Prerequisites: GKKB21F or GKKB22F/Con: (GKKB11F or GKKB22F may be taken as corequisites)

GKKB27S Directed Reading
[See GKKB28F above]
Spring Course/Prerequisites: GKKB11S or GKKB12S/Con: None

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 two-fold, to determine and convey the essence of Greek and Roman civilization and, by doing so, to further our understanding of men 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 materials—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.

EB801Y 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/Con: None
Instructor: Badington

EB802Y Greek and Roman History from the death of Alexander to the Granche
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/Con: None
Instructor: Dorow

EB803Y Roman History from the Granche to Nero
A study of the Roman Republic as a social and political organization and as a “World Power”. The collapse of the republican system of government and the reorganization 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/Con: None
Instructor: C. Weber

EB821F 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).
in modern European literature. The following authors will be considered: Joyce, Woolf, Proust, Maeterlinck, Ibsen, Hofmannsthal, Rilke, Forster, Kafka.

Reading knowledge of French, German or Russian recommended.

Full Course/Prerequisites: None/None
Instructor: Wittmann

LITB025 Guilt and Conscience in Post-World War II Literature
Enactment and search for identity, guilt and conscience in post World War II Russian and German literatures. An analysis of the literature of guilt and conscience, including works by Hesse, Rosenthal, Grass, Lenz, Bulgakov, Ehrenburg, Pasternak and Solzhenitsyn.

Reading knowledge of French, German or Russian recommended.

Spring Course/Prerequisites: None/None
Instructor: Ponomareff

LITB03F Romanticism
Readings in Coleridge, Goethe, Keats, Flaubert, Leopardi, Schopenhauer, Nietzsche, Carlyle.

Full Course/Prerequisites: Permission of Instructor/None
Instructor: Kay

Cancelled

LITB04Y Contemporary Literatures in English, West Indies, Africa and Australia
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 Rasch, Patrick White and Randolph Stow.

Year Course/Prerequisites: None/None
Instructor: Howard

LITB11S Lyric Poetry of the Middle Ages in the Mediterranean Area
A comparative analysis of one or several representative texts or collections of texts from Hispanic-Arabic, Galician-Portuguese, Castilian, Provençal, Catalan, Italian and Sicilian sources; supplementary lectures concerning Classical and Medieval Rhetorics and Arts of Poetry, versification, metrics and basic Medieval historical terminology. Given in English. (Course not offered in 1976-77)

Spring Course/Prerequisites: The student prreferred should be in the 3rd or 4th year, and a literature student, with a knowledge of Latin and/or one language other than English.
Instructor: Bara
Economics

SOSA01F  Quantitative Methods in Social Sciences
This course is designed to introduce students to the basic statistical techniques used in the Social Sciences. Students who plan programmes in Economics, Geography or Political Science are encouraged to take this course.
Fall Course/Prerequisites: None/Corequisites: None

ECOA01Y  Introduction to Economics
This course is concerned fundamentally with the question why we are as well off as we are, and why some of us are much better off and others much worse off than the average. The approach is that expressed by J. M. Keynes: "Economics does not furnish a body of settled conclusions immediately applicable to policy; it is a method, a technique of thinking, which helps its possessor to draw correct conclusions."
Year Course/Prerequisites: None/Corequisites: None

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/Corequisites: None
Instructor: Buchovetsky

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/Corequisites: None
Instructor: Buchovetsky

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/Corequisites: None

European Economic History
A study of the economic development of Western Europe from the Middle Ages to the present time. Particular attention is given to the parts played by trade, capital accumulation, technology, public policy, and the cultural characteristics of capitalist society in this process.
Year Course/Prerequisites: ECOA01Y/Corequisites: None
Instructor: Roa

Quantitative Methods in Economics
The purpose of this course is to introduce the student to elementary statistics and their application to economic problems. In addition, other quantitative techniques used in economics will be discussed. Special reference will be made to sources and uses of quantitative economic data in Canada.
Year Course/Prerequisites: ECOA01Y or MATA01Y or MATA02Y
Corequisites: None

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 conflicts of value are discussed.
Year Course/Prerequisites: ECOA01Y/Pre- or Corequisites: ECOB01Y or ECOB02Y
Instructor: Bladen

Public Finance
This course deals with the public sector of the Canadian economy, and in particular how resources are obtained from the public through taxation and allocated through government spending. Some attention will also be given to the use of government fiscal policy to regulate the level of economic activity.
Spring Course/Prerequisites: ECOB01Y and ECOB02Y may be taken
ECON08 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: ECON01Y/Co-requisites: ECON02Y
Instructor: Rea

ECON09Y Comparative Economic Systems
Year Course/Prerequisites: ECON01Y/Co-requisites: None
Instructor: Polikan

ECON11Y Money and Banking
An introduction to the operation of the money market. The focus will be on analysis of monetary theory and monetary policy. (To 1970's) This course will be given in Extension only; it is, however, open to all students.
Year Course/Prerequisites: ECON01Y/Co-requisites: None
Instructor: Domen

English
ENGA01Y 2L: T3/9/F1/P1* ENGB11Y 1L: W12/W14/T3/9/6/8/F1
M5/W1/M4/W4 ENEB14Y 1T: W2/F11/W12/F2
ENGA02Y 2L: R4/F4/M4/W4 ENGB15Y 2L: W11/W13
ENGA05Y 1L: W12 ENEB16Y 2L: M4/W1
1T: W11/12 ENEB22Y 2L: M11/W17/T5/W5
ENG0802Y 2L: M4/W4 ENGB33Y 1L: W9
ENG0804Y 2L: R11/R2 1T: M2/M1/F1/F2
ENG0805Y 2L: W4/R3 F3
ENG0808Y 2L: W1/F3
ENG080Y 2L: M6/W10
ENGB10Y 1L: W10 1T: M12/M2/R10/R11
Arranged with
Instructor
ENGB7Y

English Studies have as their subject matter all the communicative arts in English. Existing courses are designed to present the major genres of poetry, fiction and drama, but faculties are expanding to include films and television. 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 judgment. The program aims to broaden the student's experience, the refinement of feeling and judgment, and the expansion of the imagination.

AAS01Y Forms of Twentieth Century Literature
Novels and shorter works by five of the following authors: Cey, Faulkner, Fitzgerald, Heller, Hemingway, Lawrence, Richler, Waugh. Plays by five of the following authors: Albee, Beckett, Brecht, O'Neill, Ostin, Pinter, Shaw, Synge. Poems from 20th-Century Poetry & Poetics (ed. Goddess), including poems by Auden, Eliot, Frost, Olsen, Stevens, Thomas, Williams. Yeats. Additional works at the discretion of the instructor.
The course is designed to explore the range of forms, themes and techniques of modern writers.
Year Course/Prerequisites: None/Co-requisites: None

AAS04Y English Literature: Forms and Approaches
This course is based on a thorough study of five major works representing different forms and periods in English Literature. It aims at a survey and critical assessment of the approaches or methods used by critics of these works. [Previously numbered ENGB07Y; not open to students who have taken that course]
Year Course/Prerequisites: None/Co-requisites: None

AAS05Y Canadian Literature in English
A study of Canadian Literature from Confederation to the present. Texts to be announced.
Year Course/Prerequisites: None/Corequisites: None
Instructor: Magson

**ENGR801Y** Old English Language and Literature
[Course not offered in 1976-77]
Year Course/Prerequisites: None/Corequisites: None
Instructor: Patton

**ENGR802Y** Chaucer
Year Course/Prerequisites: None/Corequisites: None
Instructor: Vicari

**ENGR804Y** English Poetry, Prose and Drama, 1660-1800
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
Instructor: Vicari

**ENGR805Y** Romantic Literature
A study of the writings of Wordsworth, Coleridge, Byron, Keats, Shelley, and their contemporaries.
Year Course/Prerequisites: None/Corequisites: None
Instructor: Kay

**ENGR806Y** Victorian Poetry
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
Instructor: Thomas

**ENGR807Y** Fiction 1832-1900
[Course not offered in 1976-77]
Year Course/Prerequisites: None/Corequisites: None

**ENGR809Y** Poetry and Prose of the English Renaissance
PRIMARY: More, Utopia; Machiavelli, *The Prince*; Montaigne, Essays (traces: Florio); Sidney, *An Apology for Poets*; Bacon, *Advancement of Learning* (Book I); Essays (selections); New Atlantis; Donne, Paradises and Problems (selections); Devotions upon Emergent Occasions (selection); Sermon of the Funeral of Sir William Cockayne; Browne, *URN Burial* (Chaps. III, IV, V); Milton, *Areopagitica*.
POETRY: Spenser, *Euphues*; Sonnets (selections); *Fannie Hume*; *Fannie Queen* (Books I & II); Shakespeare, *Sonnets*
authors, especially from the contemporary period, to be selected. Year Course/Prerequisites: ENGA03Y/None/Co-requisites: None
Instructor: Martineau

ENGB35Y Four Major Modern Authors
An approach to modern literature through an intensive study of four representative authors. Year Course/Prerequisites: None/Co-requisites: None
Instructor: Kirkham, Tail

ENGC07Y Special Studies
One of a group of seminars on particular authors or topics. The seminars will be limited in size and will require a B-level course as prerequisite. Seminars to be offered in 1970-71 will be announced in the spring term. One of those will be "Literature and the Film", for which the prerequisite will be 811 or 814. Year Course/Prerequisites: One B-level course/Co-requisites: None

LITB04Y Contemporary Literatures in English
(for course description see COMPARATIVE LITERATURE LITB04Y) Year Course/Prerequisites: None/Co-requisites: None
Instructor: Howard

Fine Art

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<tr>
<th>Code</th>
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<tr>
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<td>FARB08F</td>
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<td>3L/12W/10F</td>
<td>FARB06S</td>
<td>2L/3F</td>
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<td>FARB01Y</td>
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<td>2L/5W/10</td>
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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 values of beauty and give basis for intelligent aesthetic judgement.

FARAA01F Introduction to Ancient and Medieval Art
A broad introduction to the history of ancient and medieval art and architecture through study of major monuments. Students will be required to complete assigned background readings as well as be conversant with the material in H. W. Janson's History of Art to
equip them for participation in class discussions.

Full Course/Prerequisites: None/Corequisites: None
Instructor: Schaefer

ARA02S Introduction to Art from 1400 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: Sciarra, Vardatias

ARA03F Introductory Drawing
A studio course dealing with problems of drawing.
[In 1970-71 this course will be offered in Extension only. It is, however, open to all students]
Year Course/Prerequisites: None/Corequisites: None

ARB01F Romanesque Art
An intensive study of the aesthetic principles, characteristics of style, dominant themes, and technical innovations of Western European art of the period 1096 to 1200. [Course not offered in 1970-71]
Fall Course/Prerequisites: FARA01F/Corequisites: None
Instructor: Schaefer

ARB02S 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 medieval culture. [Course not offered in 1970-71]
Spring Course/Prerequisites: FARA01F/Corequisites: None
Instructor: Schaefer

ARB03F Renaissance Art
The architecture, sculpture and painting of the Renaissance in Europe (ca. 1400-1600) with primary emphasis on Italy. [Course not offered in 1970-71]
Fall Course/Prerequisites: FARA02S/Corequisites: None

ARB04S Baroque Art
Art and architecture in Europe, ca. 1600-1700 [Course not offered in 1970-71]
Spring Course/Prerequisites: FARA02S/Corequisites: None

ARB05F 19th Century Art
This course aims to introduce and define the major stylistic events of the 19th century in Europe. Special emphasis will be given to the period 1846-1905 with a view to establishing the character of the arts against the social and cultural background of Europe.
French

FREADTY FRIDAY 3MT, MWF 11-12
MWF 10:10-12:10
TTH 1:10-3:10
FREAD 10Y 1:10-2:10
MWF 10:10-12:10
TTH 1:10-3:10
FREAD 11Y 1:10-2:10
MWF 10:10-12:10
TTH 1:10-3:10
FREAD 21Y FRI 1:10-2:10
MWF 10:10-12:10
TTH 1:10-3:10
FREED 31Y FRI 1:10-2:10
MWF 10:10-12:10
TTH 1:10-3:10
FREAD 32Y FRI 1:10-2:10
MWF 10:10-12:10
TTH 1:10-3:10

Our basic course, French A01Y, assuming satisfactory completion of Grade XII 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: 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. All courses, unless otherwise specified, are conducted in French.

FREAD1Y Preparation for University French Studies
A basic course for students intending to devote a significant part of their undergraduate studies to French language and literature. The major part of it is devoted to practical language work (phonetics).
FRE102Y Studies in Modern French Literature
A detailed study of selected works from the fields of French poetry, novels and drama 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/None
FRE111Y 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 1970-71 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.
Year Course/Prerequisites: Reading knowledge of French tested by an entrance examination for those without Grade 13 French/None
FRE211Y Language Practice
A continuation of first year language work, including grammar, composition, oral practice, pattern drills and language laboratory work. (Previously numbered FRE801Y; not open to students who have taken that course)
Year Course/Prerequisites: FREA01Y/None
FRE222Y The Classical Current
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. (Course not offered in 1970-71) [Previously numbered FRE802Y; not open to students who have taken that course]
Year Course/Prerequisites: FREA01Y/None
FRE233Y General History of the French Language
A historical survey of the evolution of French as one of the Romance languages, its formation, development and present state. (Previously numbered FRE803Y; not open to students who have taken that course)
Year Course/Prerequisites: FREA01Y/None
FRE244Y The Philosophical Current in French Literature
This course is primarily intended to study the works of the 18th century "sages" such as Montesquieu, Voltaire and Rousseau. However, works from other periods which are related in some way may also be studied. (Previously numbered FRE804Y; not open to students who have taken that course)
Year Course/Prerequisites: FREA01Y/None
FRE251Y Introduction to French Linguistics
A study of linguistic theories from the beginning of the 20th century as applied to modern French. (Previously numbered FRE805Y; not open to students who have taken that course)
Year Course/Prerequisites: FREA01Y/None
FRE262Y The Romantic Current in French Literature
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. (Previously numbered FRE806Y; not open to students who have taken that course)
Year Course/Prerequisites: FREA01Y/None
FRE282Y French Drama from 1600-1800
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/None
FRE301Y French Drama from 1800
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. (Previously numbered FRE807Y; not open to students who have taken that course)
Year Course/Prerequisites: FREA01Y/None
FRE322Y French Prose Fiction from 1800-1900
A study of important prose works (novels and short stories) representative of the main currents of 19th century French literature (Romanticism, Realism, Naturalism, etc.). (Previously numbered FRE808Y; not open to students who have taken that course)
Year Course/Prerequisites: FREA01Y/None
FRE342Y French Prose Fiction from 1900
A study of important prose works (novels and short stories) representative of the main trends of 20th century French literature. (Previously numbered FRE822Y; not open to students who have taken that course)
Year Course/Prerequisites: FREA01Y/None
FRE362Y The Literature of French Canada
A study of representative works of French-Canadian literature from a historical and aesthetic point of view with main emphasis on the contemporary period. (Previously numbered FRE316Y; not open to students who have taken that course)
Year Course/Prerequisites: FREA01Y/None

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Geography

SOSA01F 2L-W1R10  GGRB04V 2L-W1R13
1T-M2M10-R3 1T-T1T14
GGRB01Y 2L-W1R15  GGRB05V 2L-F1/T4
1T-M2M14 2T-F2/T2
GGRB02Y 2L-W1R12  GGRB03Y 1T-M5/S3
2P-T1T1/1/1/4 1T-M5/S3
GGRB02Y 2L-W1R9  2T-T1T12
2P-T3T4-W1W11  GGRB04Y 2L-W4W5
GGRB01Y 2L-M1F2  2P-T1T2
1T-W3W4  GGRB08Y 2L-W1W12
2P-F1/T0 2T-P3T4
GGRB02Y 2L-M2M0  GGRB05Y 2L-W1W11
2P-M5M10  GGRB01Y 2L-W1W12
2T-P1T0
GGRB03Y 2L-T9R2  2T-W2W5
GGRB04Y 2L-W1R13 2T-W1W12

Geography is concerned with the spatial distribution of physical and human phenomena and with the association of things that distinguish one area of the earth from another.

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

SOSA01F Quantitative Methods in Social Sciences
This course is designed to introduce students to the basic statistical techniques used in the Social Sciences. Students who plan programmes in Economics, Geography or Political Science are encouraged to take this course.

Full Course/Prerequisites: None/Corequisites: None

GGRB01Y 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 lectures, practical and seminar work.

Year Course/Prerequisite: None/Corequisite: None
Instructor: Cave

GGRB02Y Introductory Physical Geography
An introductory survey of the principles of physical geology and physical geography. 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.

Year Course/Prerequisite: None/Corequisite: None
Instructor: Greenwood

GGRB03Y INTRODUCTION TO CARTOGRAPHY
Problems of resource use with particular reference to their environmental setting.

Year Course/Prerequisites: GGRB01Y or ESCA01Y Corequisites: None
Instructor: Tsyab

GGRB02Y Geographic Methods
The aim of the course is to introduce students to a few of the elementary analytical techniques which are at present used in geography. Emphasis is placed on the accumulation and presentation of geographic information and the subsequent analysis of quantitative data. The course includes a study of aerial photogrammetric techniques, field and lab techniques, data presentation and basic statistical methods.

Year Course/Prerequisites: GGRB01Y or ESCA01Y Corequisites: None
Instructor: Bance, Swain

GGRB01Y The Atmosphere
An analytical approach to weather, climate and atmospheric pollution with special reference to current environmental problems and research. The course is designed to provide the general student with a better grasp of the diverse character of the earth's atmosphere as a functional component of the human environment.

Year Course/Prerequisites: GGRB01Y or ESCA01Y Corequisites: None
Instructor: Francis

GGRB04Y Geography of Canada
This course will deal with selected problems and areas of Canada from a geographic standpoint. It is not intended as a general survey course, but rather one in which several major issues are examined in some detail. These will include Canadian resources, the challenge of the North, the settlement of Canada, transportation, regional disparity, French Canada and urbanization.

Year Course/Prerequisites: GGRB01Y/Corequisites: None
Instructor: Francis, Cave
GGRB05Y Urban Geography
An introductory course focusing on the characteristics and major problems of North American cities under the following headings: urbanization and processes of urban growth; systems of cities; urban form and design; spatial structure of urban land uses and activities; distinctive socio-economic areas within the city; circulation, transportation and migration; city planning and renewal.
Year Course/Prerequisites: GGRA01Y or GGRB02Y
Corequisites: None
Instructor: Swain

GGRB06Y Economic Geography
An introduction to the geography of world economic activity, 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 locational theory; transportation; the growth of service industries; problems of economic development.
Year Course/Prerequisites: GGRA01Y and GGRB02Y
Corequisites: None
Instructor: Bunce

GGRB07Y Geomorphology
A detailed evaluation of the processes contributing to the continuing modification of the earth's surface features. Modern developments in the field will be reviewed followed by an examination of the physical and chemical aspects of weathering, mass wasting and models of slope development, glacial and periglacial processes, fluvial geomorphology, and river mechanics and problems of coastal erosion and sedimentation.
Year Course/Prerequisites: EGRA01Y/Corequisites: None
Instructor: Tayeb

GGRB08Y Geography of Underdeveloped Areas
An examination of the definition, nature, performance, and problems of underdeveloped areas.
Year Course/Prerequisites: GGRA01Y and GGRB02Y
Corequisites: None
Instructor: Greenwood

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
Instructor: Wittmann

GERB01Y Introductions to Epochs 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: GGRA01Y/Corequisites: GGRB04H
Instructor: Wittmann

GERB02F 20th Century Prose
A study of essays, novels, short stories, and novellas by such authors as Mann, Musil, Kafka, Brecht, Buh, Grass, et al.
Fall Course/Prerequisites: GGRA01Y/Corequisites: GGRB04H

GERB03S 20th Century Drama and Poetry
The course will deal with plays by Wedekind, representative playwrights of Expressionism, Brecht, Frisch, Breuer, and poets like German writers such as Hesshaim, Kipphardt, Weiss. The poetry will be selected from the works of Rilke, George, Hoffmannsthil, the Expressionists Heym, Trakl, Benn, Lasker-Schuler; Kaschnitz, Celen, Eppingbecher, et al.
Spring Course/Prerequisites: GGRA01Y/Corequisites: GGRB04H

GERB04H Advanced Conversation and Composition
A continuation of the language work done in GERA01Y on a higher level.
Half Year Course/Prerequisites: GERA01Y/Corequisites: Any one of GERB01F, GERB02F, GERB03S, GGRB11Y, GERB12Y, GERB13F, GERB15S
Instructor: Arranged with Instructor
GERB117Y 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 men as Wiegand and Hesse will be discussed along with essays and the exchange of letters by Schiller and Goethe. [Course not offered in 1976-77] Year Course/Prerequisites: GERB01Y, GERB03Y
Corequisites: GERB04H

GERB12Y Literature of “Sturm und Drang” and Romanticism
The early dramatic and poetic writings of Goethe and Schiller, e.g., Goethe von Berlichingen and the Ruhmer, will be studied along with works by authors such as Less, 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 Eichendorff. Year Course/Prerequisites: GERB01F/GERB04H

GERB13F 19th Century Prose
The course will be concerned with the novellas and novels by writers such as Storm, Drost and Hickeloff, E. T. A. Hoffmann, Keller, Fontane, Hauptmann, et al. Fall Course/Prerequisites: GERB01Y/GERB04H

GERB16S 19th Century Drama and Poetry
The development of drama from Schiller 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, Hein, Merck, et al. Spring Course/Prerequisites: GERB01Y/GERB04H

GERC01F Seminar on Special Topics
The content of this seminar will be agreed upon by the professor and the student(s) involved. The topics, generally speaking, will be more specialized than in any of the other courses, the work more intensive. Fall and Spring Course/Prerequisites: GERB01F, GERB04H
Corequisites: GERB04H

GERC04H Stylistics
Building on the more general language work done in A 1 and B 4, this course will be concerned with the finer points of expository and creative writing and close text analysis. Half Year Course/Prerequisites: GERB04H/Corequisites: Any one of: GERB02F, GERB03A, GERB11Y, GERB12Y, GERB15Y, GERB15S, GERB03F, GERB03S

History

HSAD01Y 2L-T2R9
GERC01Y 1T-W8/W10/W12/W14
GERC03Y 1T-R10/R11/R2/R2/F2/W3
GERB01Y 2L-T1R9
GERB05F 2L-T1R4
GERC01F 1T-R1/R2/R2/F2/W3
GERB06S 2L-T1R4
GERB04H 1T-R1/R2/R2/F2/W3

GERB01Y 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: Marnus Pearl

HSAD01Y British History Since 1783
An examination of the forces, political, social, economic and religious, which transformed an aristocratic society into a world-wide industrial power and the reasons for its subsequent decline. Year Course/Prerequisites: None/Corequisites: None
Instructor: Kenyon

HSAD01Y History of the United States
A general survey of American political economic and diplomatic his-
HISB657 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
Instructor: Shops

HISB685 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
Instructor: Moir

HISB27Y Russia Since the Ninth Century
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. (By 1997-98 this course will be offered in Extension only, on Thursday evenings. It is, however, open to all students.)
Year Course/Prerequisites: None/Corequisites: None
Instructor: Dyck, Russos

HISB13Y European Urban History
This seminar will examine the city as a historical institution from the rise of the Medieval towns 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: HISB61Y/Corerequisites: None
Instructor: Pearl

HISB11Y Details of this course will be announced in April. Students are advised to obtain details at that time from the Registrar's Office, the Office of the Division of Humanities, or from the staff in History.

HISB11Y British Empire—Commonwealth from 1850
An examination of imperialism, nationalism and racial problems in the contemporary world. Particular attention will be paid to developments in Asia and Africa.
Year Course/Prerequisites: HISB60Y/Corerequisites: 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 separation from the colonial period to the Confederacy. [Course not offered in 1976-77].
Year Course/Prerequisites: HISB63Y/Corerequisites: None
Instructor: Shops

HISB33Y American Social and Intellectual History to 1860
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 culture, 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: HISB63Y/Corerequisites: None
Instructor: Shops

HISB33Y American Labour History
A study of the institutions, personalities and ideas of the American labour movement from the beginnings of industrialization to the present. Includes topics such as the reform tradition in American Federation of Labour. First term: a colloquium surveying broadly the whole subject; second term will take up selected topics on a seminar pattern.
Year Course/Prerequisites: HISB60Y/Corerequisites: None
Instructor: Dick

HIS 41F Old Huronia
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.
Capacity: 15 students.
Fall Course/Prerequisites: None/Corequisites: None
Instructor: Moir

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HIS842S Church- State Relations in Canada
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. Capacity - 15 students.
Spring Course/Prerequisites: None/Corequisites: None
Instructor: Meir

HISC01F HISC01S Advanced Reading Programme on Special Topics
A reading and study course, with a programme to be planned in consultation between student and instructor. In special circumstances may be made a year course.
Fall and Spring Course/Prerequisites: Permission of instructor/ Corequisites: None

Italian
ITA001Y 4L5M4W10F11F12 1F 1W2
ITA002F 3L5M5W10F10 ITA003F 3Y 4M5W9
ITA004S ITA004Y 4L5M5W10F9 ITA004Y 2L5M5W5

There are certain 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 at an enrichment of his total programme. We strongly suggest that each student read in detail the course listings of special interest to him in other areas, and seek personal academic counselling from his instructor so as to receive maximum value and satisfaction from his studies here at Scarborough College.

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: Sanguineti

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

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.
Fall Course/Prerequisites: ITA002F/Corequisites: None
Instructor: Costa

ITA011Y 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

ITA021Y 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

ITA031Y Dante and Medieval Culture (in Translation)
Introduction to medieval Italian literature and culture; their origins and development, leading up to Dante and the masterpiece of medieval literature, The Divine Comedy; a brief survey of Dante's minor works; their significance in terms of the life and culture of the time.
Year Course/Prerequisites: None/Corequisites: None
Instructor: Franceschetti

ITA033F Aspects of Italian Thought in the XV and XVI Centuries
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.
Year Course/Prerequisites: ITA002F/Corequisites: None
Instructor: Franceschetti

ITA034S The Renaissance Epic
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.
Year Course/Prerequisites: ITA002F/Corequisites: None
Instructor: Franceschetti

ITA036F Lyric Poetry of the Renaissance (from Politiano to Michelangelo)
[Course not offered in 1979-80]
Fall Course/Prerequisites: ITA002F/Corequisites: None
Instructor: Franceschetti
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 Meaznian. Aspects of philosophical, religious, political and historical thought of the period (Bruno, Campanella, Botero and Suris). [Course not offered in 1970-71]
Spring Course/Prerequisites: ITA402F/Corerequisites: None
Instructor: Franceschetti

Italian Romanticism
Reading of selected works of Foscolo, Leopardi and Manzoni. The characteristics of Italian Romanticism, its connection with the movement for unification, in the context of European Romanticism. [Course not offered in 1970-71]
Half Year Course/Prerequisites: ITA402F/Corerequisites: None
Instructor: Costa

Linguistics

LIN401Y 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 underlie actual utterances.
Year Course/Prerequisites: None/Corerequisites: None

LIN402Y Bases of Linguistic Theory
Textbook: Hockett, A Modern Course in Linguistics. Other required and recommended books. Papers on individual research and reading. About one-eighth of the course could be written LIN401Y and intensifies that. Total course is designed for specialists and serves as pre-professional training. [Course not offered in 1970-71]
Year Course/Prerequisites: LIN401Y/Corerequisites: None
Instructor: Salas

Mathematics

MATH2F 2L-M2R5
MATH2S 2L-M2R5
MATH4F 2L-M1F1
2T-M0M1B1T1T10/
W1W2F3P4
MATH4S 2L-M1F1
2T-M0M1B1T1T10/
W1W2F3P4
MATH2S2Y 2L-W1W2R11/T12
R12
2T-M0M1B1T1T12/
T1T2T3T4/
R0R1T111F12
MATH2SS 2L-M4W4
2T-W1W2R3R4
transformations, matrices, determinants, systems of linear equations.
Spring Course/Prerequisites: MATA03F or MATA40F or Grade 13 Math B/Co-requisites: None

MATB11Y Calculus
A continuation of Grade 13 Calculus. Limits, differentiation, integration, partial derivatives, multiple integrals, differential equations, applications of calculus to natural and social sciences. [formerly MATA01Y; not open to students who have taken that course]
Year Course/Prerequisites: MATA43F or MATA40F or Grade 13 Math A/Co-requisites: None

MATB17S Probability
Probability models, sampling, product models, conditional probability, random variables, special distributions. [formerly MATA04S; not open to students who have taken that course]
Spring Course/Prerequisite: Grade 12 Math/Co-requisite: None

MATB33S Introduction to Computers and Programming
Algorithms and flow charts, and introduction to stored-programme computers and programming, elementary applications in data processing, non-numerical problems, and simulations. [formerly MATA22F; not open to students who have taken that course]
Spring Course/Prerequisites: Grade 12 Math/Co-requisites: None

MATB30F Geometry I
A modern approach to Euclidean Geometry with emphasis on the axiomatic method, modification of the axioms to yield non-Euclidean forms of Geometry and comparison of synthetic and metric Geometry. [formerly half of MATB05Y; not open to students who have taken that course]
Fall Course/Prerequisites: MATA45S or MATB02Y
Co-requisites: None

MATB35S Geometry II
A continuation of Geometry I. Absolute Geometry, parallel projections, isometries, area, ruler and compass constructions, further topics. [formerly half of MATB05Y; not open to students who have taken that course]
Spring Course/Prerequisites: MATB30F/Co-requisites: None

MATB40F Linear Algebra II
Dual space, inner product spaces, orthonormal bases, eigenvalues, eigenvectors, reduction of symmetric matrices.
Fall Course/Prerequisites: MATA45S or MATA03F
Co-requisites: None

MATB41F Vector Calculus
Differential and integral calculus of functions of a vector variable.

with emphasis on vectors in $R^2$ and $R^3$, line and surface integrals, Green's theorem and Stokes' theorem. This course tends to carefully formulation of results without emphasis on proofs. [formerly MATB04F; not open to students who have taken that course]
Fall Course/Prerequisites: MATA45Y or MATA01Y
Co-requisites: MATA40F

MATB50F Linear Algebra III
Linear algebra, linear equations, eigenvalues, eigenvectors, spectral theory. [formerly MATB02F; not open to students who have taken that course]
Spring Course/Prerequisites: MATA45Y
Co-requisites: None

MATB51F Differential Equations I
First and second order ordinary differential equations, operational methods, variation of parameters, solution in series. [formerly half of MATB07Y; not open to students who have taken that course]
Fall Course/Prerequisites: MATA45Y or MATA03Y
Co-requisites: None

MATB52F Statistics I
Common distribution, point and interval estimations. Further topics. Application.
Fall Course/Prerequisites: MATA40Y or MATB05Y and MATA44S
Co-requisites: None

MATB53F Computing I
Further programming and applications. Further topics.
Fall Course/Prerequisites: MATB05S or MATB04S
Co-requisites: None

MATB55S Analysis II (Not open to students who have taken MATA05S)
Infinite sequences and series of functions, power series in particular; implicit function theorems. Curves, surfaces, and integrals on them. Vector formulations of divergence theorem and Stokes' theorem.
Spring Course/Prerequisites: MATB10Y or MATB50F
Co-requisites: None

MATB56S Differential Equations II
Existence and uniqueness theorem for linear differential equations, dimension of the solution space. Variation of parameters and Green's
MATB57S Statistics II  
Spring Course/Prerequisites: MATB52F/Corerequisites: None

MATB58S Computing II  
Continuation of MATB53F.  
Spring Course/Prerequisites: MATB53F/Corerequisites: None

MATC40F Algebra I  
An introduction to modern algebra. Peano Postulates. Integers, congruences, factorisation, Rational Numbers. (formerly half of MATB02Y; not open to students who have taken that course)  
Fall Course/Prerequisites: MATB44S/Corerequisites: None

MATC495 Algebra II  
A continuation of MATC40F. Rings, integral domains, fields, polynomials. Extension fields. Finite fields. Galois theory. (formerly half of MATB02Y; not open to students who have taken that course)  
Spring Course/Prerequisites: MATC40F/Corerequisites: None

MATC30F Real Analysis I  
Sets. Cardinals. Metric spaces, topological spaces, separation axioms, Tychonoff’s theorem. (not open to students who have taken MATB30S)  
Fall Course/Prerequisites: MATB55S/Corerequisites: None

MATC31F Differential Equations III  
Fall Course/Prerequisites: MATB07Y or MATB65S  
Corequisites: None

MATC32S Real Analysis II  
Spring Course/Prerequisites: MATC30F/Corerequisites: None

MATC30F Complex Analysis I  
Complex plane. Holomorphic functions, Cauchy’s integral formula, Laurent expansions.  
Spring Course/Prerequisites: MATC30F/Corerequisites: None

Philosophy

PHLA01Y Introduction to Philosophy  
An introduction to the problems and areas of philosophy: logic, ethics, knowledge. God, mind, and freedom.  
Year Course/Prerequisites: None/Corerequisites: None  
Instructor: Members of Department

PHLS1F Ethics  
An introduction to topics in moral philosophy: relativism, subjectivism, egoism, utilitarianism, and others.  
Fall Course/Prerequisites: is previous term in Philosophy is recom-
PHIL.52F  Political Philosophy
A study of such topics as the nature of the state, its justification, its proper limits, and the obligations of a citizen. [Formerly PHIL.865; not open to students who have taken that course]
Fall Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/Corequisites: None
Instructor: Graham

PHIL.53F  Logic. First Course
An introduction to formal techniques: sentence logic, quantification, and perhaps probability. [Formerly PHIL.391; not open to students who have taken that course]
Fall Course/Prerequisites: None/Corequisites: None

PHIL.54F  Theory of Knowledge
An introduction to problems concerning knowledge and belief: perception, induction, memory, certainty, and others. [Formerly PHIL.533; not open to students who have taken that course]
Fall Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/Corequisites: None
Instructor: Miller

PHIL.55F  Metaphysics
A study of such topics as causation, space and time, particulars, substance, qualities, free will, and personal identity. [Formerly PHIL.534; not open to students who have taken that course]
Fall Course/Prerequisites: [A previous term in Philosophy is strongly recommended but not required]/Corequisites: None

PHIL.56F  Philosophy of Religion
A study of such topics as the nature and existence of God, immortality, God and morality, and religious language and symbolism. [Formerly PHIL.571; not open to students who have taken that course]
Fall and Spring Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/Corequisites: None
Instructor: Gouch

PHIL.575  Aesthetics
A study of such topics as the nature and functions of art, the creative process, aesthetic experience and aesthetic evaluation. [Formerly PHIL.572; not open to students who have taken that course]
Spring Course/Prerequisites: [A previous term in Philosophy is recommended but not required]/Corequisites: None
Instructor: Hrbmen
PHILB675 Medieval Philosophy
The philosophies of Augustine, Aquinas, Ockham, and others. [formerly PHILB12; not open to students who have taken that course]
Spring Course/Prerequisites: A previous term in Philosophy is recommended but not required/Coerequisites: None
Instructor: Mosher

PHILB696 Rationalism
The philosophies of Descartes, Spinoza, and Leibniz. [formerly PHILB13; not open to students who have taken that course]
Fall Course/Prerequisites: A previous term in Philosophy is recommended but not required/Coerequisites: None
Instructor: Mosher

PHILB705 British Empiricism
The philosophies of Locke, Berkeley, and Hume. [formerly PHILB14; not open to students who have taken that course] [Course not offered in 1970-71]
Spring Course/Prerequisites: A previous term in Philosophy is recommended but not required/Coerequisites: None
Instructor: Mosher

PHILC32F Nineteenth-century Philosophy
German idealism and reactions to it: philosophies of irrationalism, positivism, empiricism, and pragmatism. [formerly PHILB16; not open to students who have taken that course]
Fall Course/Prerequisites: One of PHILB54F, PHILB55F, PHILB56F, PHILB66F, PHILB67F, PHILB68F, PHILB705/Coerequisites: None
Instructor: Hartman

PHILC33S Twentieth-century Philosophy
Philosophers such as Russell, Moore, Wittgenstein, Dewey, and others. [formerly PHILB17; not open to students who have taken that course]
Spring Course/Prerequisites: One course from PHILB53F, PHILB54F, PHILB55F, PHILB66F, PHILB67F, PHILB68F, PHILB705/Coerequisites: None

PHILC34S Existentialism and Phenomenology
Philosophers such as Kierkegaard, Husserl, Jaspers, Heidegger, Sartre, and others. [formerly PHILB18; not open to students who have taken that course]
Spring Course/Prerequisites: One B level course in Philosophy/Coerequisites: None

PHILC35H Dialectical Materialism
The philosophies of Marx, Engels, Lenin, and others. [Course not offered in 1970-71]
Half Year Course/Prerequisites: One B level course in Philosophy, PHILB52F is recommended/Coerequisites: None

PHILC60S Contemporary Ethics
Fundamental concepts and theories of morals: intuitionism, emotivism, utilitarianism, and others. [formerly PHILB32; not open to students who have taken that course]
Spring Course/Prerequisites: One B level course in Philosophy, PHILB53F, PHILB54F, PHILB705 are recommended/Coerequisites: None
Instructor: Miller

PHILC62H Legal Philosophy
A study of such topics as the nature of law, the obligation to obey it, law and morality, and the judge's decision. [Course not offered in 1970-71]
Half Year Course/Prerequisites: One B level course in Philosophy, PHILB51F or PHILB51S and PHILB52F are recommended/Coerequisites: None

PHILC65S Theory of Mind
A study of such topics as the nature of mind, the relation of mind to body, knowledge of other minds, and minds and machines. [formerly PHILB24; not open to students who have taken that course]
Spring Course/Prerequisites: One B level course in Philosophy, PHILB54F or PHILB55F are recommended/Coerequisites: None

PHILC66S Philosophy of Language
Contemporary theories of meaning, reference, and language. [formerly PHILB33; not open to students who have taken that course]
Spring Course/Prerequisites: One B level course in Philosophy, PHILB54F, PHILB55F, PHILB56F are recommended/Coerequisites: None
Instructor: Graham

PHILC67H Perception
A study of theories of perception and arguments used to support them. [Course not offered in 1970-71]
Half Year Course/Prerequisites: One B level course in Philosophy, PHILB54F is recommended/Coerequisites: None

PHILC72I Set Theory
An introduction to axiomatic set theory: sets, numbers, relations, and functions. [Course not offered in 1970-71]
Half Year Course/Prerequisites: PHILB64S/Coerequisites: None

PHILC73H Philosophy of Mathematics
The axiomatic development of systems of numbers and the foundational approaches of Russell, Hilbert, and Brouwer. [Course not offered in 1970-71]
Half Year Course/Prerequisites: One course in logic, PHILC72H is recommended/Coerequisites: None
PHILC74II Philosophy of Science
A study of explanation, confirmation, and theory in the sciences.
[Course not offered in 1970-71]
Half Year Course/Prerequisites: One B level course in Philosophy.
PHILR53F and PHILR04F are recommended/Prerequisites: None

Physics
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 Mathematics 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, MATA04F, MATA04S, and MATA05Y. Programmes after the first year should be worked out individually in consultation with one of the Physics faculty and the counselling service.

NCSA01Y 3L0T3F3
3P{every second week}
MMA010M11

PHYB01Y 2L0M12F1
1T0M3
PHYB02S 2L0T3F4
1T0F3

PHYA01Y 2L0M12F1
3P{every second week}

PHYB00Y 2L0T9F2
7P{every second week}
T0F11T12F7
T2F3T4

PHYA02Y 2L0M11F9
3P{every second week}
W0YD1W11
W2W3W4
F1F2F1F2

PHYB12Y 2L0F1F3

PHYS01Y Introduction to Natural Science: The Physical Sciences
This course has two main purposes: to provide 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 systems or cybernetics, including the concepts of feedback and of stability. The probabilistic and statistical character of natural phenomena, difficulties attending measurement and understanding of natural phenomena, energy transformations and the nature of matter, philosophic and social implications of modern science, and questions of determinacy-indeterminacy constitute other themes. Laboratory work will be optional. However, students not electing the laboratory will be given additional reading and essay assignments.

Year Course/Prerequisites: None/Corerequisites: 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 fundamental to a physics programme.

Year Course/Prerequisites: Grade 13 Math A or MATA04F as a co-requisite; Grade 13 Physics/Corerequisites: MATA05Y
Instructor: Staff

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 MATA04F as a co-requisite/Corerequisites: MATA05Y
Instructor: Staff

PHYB01Y Electricity and Magnetism
The fundamentals of electricity and magnetism and of electromagnetic radiation are introduced and developed. This course is essential to a physics specialist programme.

Year Course/Prerequisites: PHYA01Y or PHYA02Y, MATA05Y or MATA04F or MATB04F for permission of instructor/Corerequisites: MATB04F or MATB41F for permission of instructor
Instructor: O'Donnell
Advanced Dynamics

Topics covered include motion of particles in three dimensions, motion of a system of particles, rigid bodies, moving co-ordinate 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: Perry

Electronics

The physical principles of electronic devices such as vacuum tubes and semiconductor devices 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 MATA05Y/Corequisites: None
Instructor: Perry

Quantum Physics

The wave-particle duality is developed by treating such topics as de Broglie waves, the Compton effect, Rutherford scattering, and the uncertainty principle. The Schrödinger equation is introduced and applied to potential well and harmonic oscillator problems, and to one-electron atoms. Quantum numbers, degeneracy, angular momentum, magnetic moment, and spin are discussed. Multi-electron atoms are treated, with reference to the periodic table. X-rays and such phenomena as pair production and the photo-electric effect are studied in detail. A treatment of nuclear properties follows, including such topics as size, mass and stability, models of the nucleus (e.g. shell model), alpha, beta, and gamma decay, and nuclear forces and reactions. (Lectures and laboratory). This course is essential to a physics specialist programme.

Year Course/Prerequisites: PHYB01Y, MATA44S, MATB04F or MATB41F or permission of instructor/Corequisites: MATB40F, MATB04F or permission of instructor.
Instructor: Seott

Thermal Physics

This course is devoted to the interpretation of the properties of solids, liquids, and gases in terms of their elemental constituents, namely atomic and molecular. 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 in the street in that he will have acquired an understanding of the concept of entropy.

Political Science

SOSA01F 2L, W10/V10 1T, TH0/V0/R10 POLB04Y 2L, W10/W4 POLB03Y 2L, T0/R0/10
POLA01Y 2L, M1/T1 1T, T1/M1/W1 1T, T1/W1/R1/1 POLB03Y 2L, M1/R1 1T, M1/R1 POLB12Y 2L, M1/W10 POLB03Y 2L, M4/M5 POLB01Y 2T, T4/T5

Quantitative Methods in Social Sciences

This course is designed to introduce students to the basic statistical techniques used in the Social Sciences. Students who plan programmes in Economics, Geography or Political Science are encouraged to take this course.

Fall Course/Prerequisites: None/Corequisites: None

Government of Canada

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

Introduction to Political Science

This course will present an overview of the major field of study in political science, including political theory. It will also deal with methodological problems in the discipline.

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

Workshop in Canadian Politics

This will be a one-term seminar. The emphasis will be upon the character and functioning of Canadian political parties.

Fall Course/Prerequisites: POLA01Y/Corequisites: None
Instructor: Blair

Modern Political Thought

A study of the development of political theory since the French Revolution. This will include an examination of the theories of Marx, Lenin,
Spencer, Nietzsche, among others.
Year Course/Prerequisites: None/Corequisites: None

POLB06Y Political Thought from Plato to the French Revolution
This course will include a discussion of the political thought of Plato, Aristotle, some of the medieval political thinkers, Hobbes, Locke, and Rousseau.
Year Course/Prerequisites: None/Corequisites: None

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 behavior and the international institutions created to deal with problems relating to the conduct of international relations.
Year Course/Prerequisites: None/Corequisites: None
Instructor: Bishop

POLB12Y Politics and Government of Africa
An examination of the problems of government in societies at an early stage of economic development. The focus will be on Africa but analogies will be drawn from the experience of other countries in the "Third World".
Year Course/Prerequisites: None/Corequisites: None

POLC01Y Comparative Federalism
This seminar will deal with the theory, history, and practice of federal systems of government. The main emphasis in the course will be upon the manner in which contemporary federal systems deal with a number of fundamental problems, such as linguistic and ethnic differences, economic disparities, and financial relations.
Year Course/Prerequisites: Permission of instructor/Corequisites: None
Instructor: Blair

**Psychology**

<table>
<thead>
<tr>
<th>PSYB01Y 3LM:MT431R40/</th>
<th>PSYB05F 3LM:MT41T1W2</th>
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<tbody>
<tr>
<td>PSYB07Y 3LT:TV430R42</td>
<td>PSYB15S 3LT:TV11T1W1</td>
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<tr>
<td>PSYB08Y 3LT:TV433Y90</td>
<td>PSYB82F 3LM:MT431R12</td>
</tr>
<tr>
<td>PSYB09F 3LT:TV1T7F</td>
<td>PSYB15S 3LT:TV11T7F</td>
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<tr>
<td>PSYB10F 3LM:MT41T1W2</td>
<td>PSYB15S 3LM:MT41T7F</td>
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<td>PSYB11F 3LM:MT41T7F</td>
<td>PSYB15S 3LM:MT41T7F</td>
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<tr>
<td>PSYB12F 3LM:MT41T7F</td>
<td>PSYB15S 3LM:MT41T7F</td>
</tr>
<tr>
<td>PSYB13F 3LM:MT41T7F</td>
<td>PSYB15S 3LM:MT41T7F</td>
</tr>
</tbody>
</table>
Psychology is the branch of science which seeks to understand the behaviour of organisms, both human and infra-human, 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 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.

PSYB01Y Introduction to Psychology
A consideration of the basic principles and methods of contemporary psychology, emphasizing their contributions to an understanding of how organisms, both human and infra-human, perceive their environments, how their behaviour is modified by experience, and how their activities are instigated, sustained, and directed.
Year Course/Prerequisites: None/Co-requisites: 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.
Full Course/Prerequisites: None/Co-requisites: None
PSYB04F \textbf{Learning}

An intensive study of the principles underlying the environmental control of behaviour. (formerly a portion of PSYB01Y; not open to students who have taken that course)
Fall Course/Prerequisites: PSYA01Y/Correquisite: None

PSYB415 \textbf{Learning Laboratory}

Laboratory exercises focus on the acquisition and extinction of responses, discrimination, generalization, and the effects of schedules of reinforcement. Prior or concurrent enrolment in PSYB07F is recommended. (formerly a portion of PSYB04F; not open to students who have taken that course)
Spring Course/Prerequisites: PSYB09F or PSYB09S and PSYB06F
Correquisites: None

PSYB09F \textbf{Sensation and Perception}

A detailed exploration of man's information-processing capabilities including consideration of the psychological mechanisms underlying the detection, quantification, interpretation, storage, and utilization of sensory information. (formerly a portion of PSYB05Y; not open to students who have taken that course)
Fall Course/Prerequisites: PSYA01Y/Correquisite: None

PSYB515 \textbf{Sensation and Perception Lab}

Basic principles of information processing illustrated in laboratory exercises. Prior or concurrent enrolment in PSYB07F is recommended. (formerly a portion of PSYB05Y; not open to students who have taken that course)
Spring Course/Prerequisites: PSYB09F or PSYB09S, PSYB06F
Correquisites: None

PSYB06F \textbf{Physiological Psychology}

The structure and function of the nervous system as related to the study of behavior. (formerly a portion of PSYB05Y; not open to students who have taken that course)
Fall Course/Prerequisites: PSYA01Y/Correquisite: None

PSYB01S \textbf{Physiological Psychology Lab}

The methods of physiological psychology and their application to an understanding of the biological foundations of behavior. (formerly a portion of PSYB06Y; not open to students who have taken that course)
Spring Course/Prerequisites: PSYB09F or PSYB09S, PSYB06F
Correquisites: None

PSYC125Y \textbf{Current Topics in Social Psychology}

Review of current research in special areas.
Spring Course/Prerequisites: PSYB01Y or PSYB09F or PSYB16S
Correquisites: None

PSYC32F \textbf{Current Topics in Personality}

Review of current research in special areas.
Fall Course/Prerequisites: PSYB01Y or PSYB09F or PSYB16S
Correquisites: None

PSYC31F \textbf{Current Topics in Learning}

An intensive examination of recent empirical findings having implications for the understanding of the learning process.
Spring Course/Prerequisites: PSYB04Y or PSYB04F
Correquisites: None

PSYC30S \textbf{Information Processing Behavior}

Review of current research in special areas.
Spring Course/Prerequisites: PSYB05Y or PSYB05S
Correquisites: None

PSYC30P \textbf{Current Topics in Psychological Science}

An intensive examination of recent empirical findings having implications for the understanding of the learning process.
Fall Course/Prerequisites: PSYB01Y or PSYB05S
Correquisites: None

PSYC40F \textbf{Supervised Readings in Psychology}

An independent study course designed to permit intensive examination of the literature on a selected topic. Supervision of the program of reading is arranged by mutual agreement between the student and an interested instructor.
Fall or Spring Course/Prerequisites: 2 courses in Psychology and permission of instructor/Correquisites: None
Instructor: Staff
PSYC38F Supervised Research in Psychology

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.

Full or Spring Course/Prerequisites: PSYB01F and PSYB09F or PSYB005 and 2 additional courses in Psychology and permission of instructor/Corequisites: None

Instructor: Staff

RUS001Y Elementary Russian
Study of grammar, intensive reading, composition and laboratory practice.
Year Course/Prerequisites: None/Corequisites: None

RUS002Y Intermediate Russian
Continuous 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
Year Course/Prerequisites: RUS002Y/Corequisites: None

RUS01Y 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: Pomorsky

RUSB11Y 18th Century Russian Literature
Specialists will be required to do some reading in the original.
Year Course/Prerequisites: None/Corequisites: None

RUSB12Y Russian Drama
Survey of the Russian theatre from its origins to the present. Readings in translation of the works of Gogol, Pushkin, Chekhov, Mayaevsky, and others. Specialists will be required to do a certain amount of reading in the original.
Year Course/Prerequisites: None/Corequisites: None
Instructor: Zelinko

RUSB21Y Twentieth Century Russian Literature
A survey of pre- and post-revolutionary Russian literature [with excursions into Russian emigre 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: Pomorsky

RUSB23F 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 dilemmas suggest.
Year Course/Prerequisites: None/Corequisites: None

RUSB31Y Twentieth Century Russian Poetry
Year Course/Prerequisites: RUS003Y/Corequisites: None
Instructor: Pomorsky

SOCIO1Y Sociology
学期
Year Course/Prerequisites: None/Corequisites: None
Instructor: Staff
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCB00Y</td>
<td>Introduction to Sociology</td>
<td>An introduction to the basic concepts, principles and methods of Sociology as a discipline for the study of society. Major topics studied include the nature of social groups, social processes, culture, social structure, socialization, deviant behaviour, population, community, stratification, social institutions and social change. Year Course/Prerequisites: None/Co-requisites: None Instructor: Cronin</td>
</tr>
<tr>
<td>SOCB01Y</td>
<td>Contemporary Society</td>
<td>An examination of contemporary society through the use of basic principles and methods of Sociology. This course will emphasize a particular and crucial substantive aspect of contemporary society. [May not be taken in same degree programme as SOCA03Y] Year Course/Prerequisites: None/Co-requisites: None</td>
</tr>
<tr>
<td>SOCB02Y</td>
<td>Social Problems</td>
<td>A problem approach to Sociology with emphasis on major problems in Canadian society. [May not be taken in same degree programme as SOCB02Y] Year Course/Prerequisites: None/Co-requisites: None</td>
</tr>
<tr>
<td>SOCB03Y</td>
<td>Methods of Social Research</td>
<td>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 Co-requisites: None</td>
</tr>
<tr>
<td>SOCB04Y</td>
<td>Structure of Inter-Personal Relations</td>
<td>The study of patterned relationships, social roles and social expectations which arise out of interactions among individuals. Year Course/Prerequisites: One previous course in Sociology Co-requisites: None</td>
</tr>
<tr>
<td>SOCB05Y</td>
<td>History of Social Thought</td>
<td>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 Co-requisites: None Instructor: O'Toole</td>
</tr>
<tr>
<td>SOCB06Y</td>
<td>Political Sociology</td>
<td>Political Sociology is the study of the interrelationship between society and politics, 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 with the Canadian polity in particular. [Course not offered in 1979-71] Year Course/Prerequisites: Permission of Division Co-requisites: None</td>
</tr>
<tr>
<td>SOCB07Y</td>
<td>Urban Sociology</td>
<td>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 relation with the urban environment. Year Course/Prerequisites: One previous course in Sociology Co-requisites: None</td>
</tr>
<tr>
<td>SOCB08Y</td>
<td>Social Stratification</td>
<td>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 Co-requisites: None</td>
</tr>
<tr>
<td>SOCB09Y</td>
<td>Sociology of the Family</td>
<td>The sociological study of the family in contemporary Western society, with special emphasis on its historical development, social forces which have influenced it, the relationship 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 Co-requisites: None</td>
</tr>
<tr>
<td>SOCB10Y</td>
<td>Canadian Society</td>
<td>A sociological analysis of Canadian society, with emphasis on its changing structure. Year Course/Prerequisites: One previous course in Sociology Co-requisites: None</td>
</tr>
</tbody>
</table>

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**SOCE18Y Deviant Behaviour**
A sociological analysis of various forms of deviant behaviour, including an examination of causal theories, social definitions, maintenance, control and social consequences.
Year Course/Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: Gersun

**SOCE20Y Social Perception: Race and Ethnic Relations**
A consideration of the relevance of theories of social perception to the analysis of relations between racial and ethnic groups.
Year Course/Prerequisites: One previous course in Sociology
Corequisites: None

**SOCE22S Politics and Society in the U.S.S.R.**
An introduction to Soviet politics and society, with emphasis on the impact of revolution and rapid industrialization upon politics and social relations.
Spring Course/Prerequisites: One previous course in Sociology or consent of instructor/Corequisites: None

**SOCO01F Small Groups**
A sociological analysis of small group behaviour with special reference to formation, structure, maintenance patterns and change.
Fall Course/Prerequisites: Two previous courses in Sociology
Corequisites: None

**SOCO02S Complex Organization**
The study of large-scale organization, with special reference to bureaucracy.
Spring Course/Prerequisites: Two previous courses in Sociology
Corequisites: None

**SOCO03F Collective Behaviour**
This course is concerned with the social conditions that produce collective behaviour and the effect it has on social conflict, morale, consensus and changing patterns of social organization.
Fall Course/Prerequisites: Two previous courses in Sociology
Corequisites: None
Instructor: O'Toole

**SOCO04S Social Movements**
Analysis of major social movements, their origins, dynamics, and consequences for contemporary society.

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**Spanish**

- SPA001Y 3L, M1W, F2
- SPA003F 3L, M2W
- SPA005F 3L, M2W, F2
- SPA006Y 3L, M2W, F1
- SPA007Y 3L, M2W, F1
- SPA011F 3L, M2W, F1
- SPA012F 3L, M2W, F1
- SPA013F 3L, M2W, F1
- SPA014F 3L, M2W, F1
- SPA015F 3L, M2W, F1
- SPA016F 3L, M2W, F1
- SPA017F 3L, M2W, F1

There are certain 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. We strongly suggest that each student read in detail the course listings of special interest to him in other areas, and seek personal academic counselling from his instructors so as to receive maximum value and satisfaction from his studies here at Scarborough College.

**SPAO01Y 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: Chivero
Intermediate Spanish
Fall Course/Prerequisites: SPA001Y or Grade XIII/Corequisites: None
Instructor: Millard

Pre-Literary Examination of Texts
Preparation in the basic elements of Spanish styliestics and in the rapid reading and comprehension of texts of various periods and subject matter.
Spring Course/Prerequisites: SPA002F/Corequisites: None
Instructor: Barta

Phonetics
Fall Course/Prerequisites: SPA001Y/Corequisites: SPA002F
Instructor: Skyrme

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

Advanced Conversation
This course is designed to continue on a more advanced level; the intensive practice in the spoken Spanish begun in SPA002F.
Spring Course/Prerequisites: SPA002F/Corequisites: None

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: SPA001F/Corequisites: None
Instructor: Millard

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

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

Romanticism
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 or permission of instructor
Corequisites: SPA012F
Instructor: Skyrme

Modern Hispanic Literature, Modernismo.
The study of the relationship of the Spanish-American Modernists to the French Parnassians and Symbolists which will be studied through the comparative analysis of representative texts.
Spring Course/Prerequisites: SPA002F/Corequisites: SPA003S or permission of instructor
Instructor: Skyrme

Stylistics and Translation
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: SPA003S/Corequisites: None
Instructor: Barta

Medieval Literature
Reading, analysis and discussion of major texts in prose and poetry from the Twelfth to the Fifteenth Centuries in Spain.
Fall Course/Prerequisites: SPA003S/Corequisites: SPA811Y
Instructor: Barta

Golden Age Drama
Study of the development of the Spanish drama from the Middle Ages to the Golden Age. Reading, analysis and discussion of major texts.
Fall Course/Prerequisites: SPA003S or permission of instructor
Corequisites: SPA811Y
Instructor: Leon

Golden Age Poetry
Study of the major poets of the Golden Age from Garcia to Góngora.
Spring Course/Prerequisites: SPA003S or permission of instructor
Corequisites: SPA811Y
Instructor: Leon

Modern Hispanic Literature: Modernismo

Literature of the Spanish Civil War

Spanish American Literature: The Short Story and the Novel.
SPAR28F  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: SPA003S or permission of instructor
Corequisites: SPA311Y
Instructor: León

SPAR38S  Spanish American Literature: The Novel of the Mexican Revolution
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: SPA003S or permission of instructor
Corequisites: SPA311Y
Instructor: León
There were Extension students studying in Scarborough College months before any day students arrived here. And it is true to say that the Extension programme at the College is accorded by all a position of especial importance. All courses offered to Extension students are, of course, offered under the auspices of the Faculty of Arts and Science of the University of Toronto, and most Extension students make use of their special status by taking degree programmes involving courses offered both on the St. George and Scarborough campuses. The administration of the Extension programme at Scarborough College is handled entirely by the College, and it has always been our aim to make Extension students feel that they are as much a part of the College as any other student. All facilities of the College are available to Extension students—the Library, the athletic facilities, the cafeterias, and in addition to this, they are of course free to make full use of the academic counselling programmes. Each year the Extension programme is getting larger and more sophisticated. Not only are there more than forty courses offered in Extension in the Winter session 1970-71, but some of them are not otherwise available to day students. Therefore some day students will be studying in those courses, and similarly Extension students are invited, should they wish, to discuss their possible registration in courses offered in the daytime.

Facilities
The College parking lots are open, free of charge, to Extension students. Information concerning the Library is to be found in the appropriate section of this Calendar.
The Bookstore remains open at certain times for Extension students. In the Summer Evening session, it opens until 9 p.m. Monday through Thursday for the first two weeks of the session. Thereafter, it opens until 9 p.m. on Monday and Thursday of each week of the Summer Evening session. In the Winter Evening session, the Bookstore remains open until 9 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 notice-board inside the main entrance of the College for exact dates.
The Cafeteria remains open until 9:30 p.m. Monday through Thursday each week of the Winter Evening Session. Arrangements for the Summer Evening session will be announced separately.

Application, Admission and Registration
Full details of the University of Toronto Undergraduate Admission requirements and application procedures are contained in the Undergraduate Admission Handbook, 1970-71 (for students presenting Canadian qualifications) and the Undergraduate Admission Bulletin 1970-71 (for students presenting qualifications other than Canadian). Copies of both handbooks are available on request from the Director of Admissions, Union Hall, University of Toronto, Toronto 18, to whom all
enquiries concerning admission to 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
Applicants for admission to Extension Degree Programmes should write to the Office of Admissions, at the address given in the above paragraph, stating their academic qualifications and interest in enrolment in a part-time degree programme.

General Admission Requirements
Candidates for admission to an undergraduate degree programme will be required to offer standing in at least four Ontario Grade 13 subjects comprising at least seven credits, or a programme of equivalent standing in another educational system. (The Office of Admissions will answer all inquiries relating to equivalent certificates.) Possession of the minimum requirements does not ensure selection.

Mature Students
Applicants who are 25 years of age, who have been residents of Ontario for at least one year, who have a sound academic record and who have at least 50%, in at least one Grade 13 subject, or its academic equivalent, and obtain standing in such other tests as may be required, will be considered for admission to the University as Mature Students. (For the Mature Student Degree Regulations, see the section of this Calendar entitled "Academic Regulations"). If a candidate is intending to start upon his degree programme in the Summer Evening Session 1970 and is applying as a Mature Student, the date by which the age of 25 years must have been attained is July 15, 1970. For candidates intending to start in the Winter Evening Session 1970, the age of 25 years must have been attained by October 1, 1970.

English Facility Requirements
Candidates whose mother tongue is not English may be required to meet an appropriate standard in a recognized test of English Facility such as the University of Michigan English Language Test. Details and information about this and other tests, and this admission requirement, should be obtained from the Office of Admissions, University of Toronto.

Summary of Application Dates
1 April 1970: Last day for receipt of applications for the Summer Evening Extension Session 1970.
1 August 1970: Last day for receipt of applications for the Winter Evening Extension Session 1970-71.
1 April 1971: Last day for receipt of applications for the Summer Evening Extension Session 1971.

Registration
It is important to appreciate the difference between Admission and Registration. A student is admitted to the University of Toronto, and becomes a member of the University student body. He then registers by enrolling in the course(s) which he wishes to take in any session. Admission is a "once-only" operation. Registration is repeated prior to the start of every session and thus a student must register separately for each course that he wishes to take.

To show that a student has been admitted, he receives a Letter of Admission signed by the Director of Admissions. With his Letter of Admission, he is sent a Registration Form. If the student is currently enrolled in the Division of Undergraduate Extension, he will receive a Registration Form for the next session in the mail. On this form, the student specifies the course(s) to which he wishes to enrol and the campus where these courses are being given. An extension student may take courses on more than one campus during the same session. The Registration Form, when completed, should be mailed to the Office of the Registrar, together with fees for the courses to be taken. Registration for Extension students does not take place in person.

Fees
The cost of each full-year course is $95. The cost of each half-year course is $47.50. In addition, each student pays $2.60 per session to the Association of Part-Time Undergraduate Degree Students (A.P.T.U.D.S.) for the maintenance and dissemination of the services provided for Extension Students by their own Association. 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 at par, Toronto.

A.T.L. Cards
To show that his registration has been accepted, each student will receive, in the mail, his Admission-to-Lectures Card, from the Registrar's Office at Scarborough College. Apart from the name and address of the student, this card shows the courses being taken. Any change in the information on this card should be reported immediately to the Registrar's Office at Scarborough College.

Summary of Registration Dates

<table>
<thead>
<tr>
<th>Summer Evening</th>
<th>Winter Evening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session 1970-71</td>
<td>Session 1970-71</td>
</tr>
<tr>
<td>May 1</td>
<td>September 10</td>
</tr>
<tr>
<td>May 8</td>
<td>September 18</td>
</tr>
</tbody>
</table>

Last day for acceptance of registration forms without late fee. After those dates, a late fee of $10.00 is charged, until May 8 or September 18 as appropriate.

Last day for acceptance of registration forms with $10.00 late fee. After these dates a late fee of $20.00 is charged, until May 15 or September 30 as appropriate.
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 block to ascertain the date by which such adjustment may be made without academic penalty.

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. To assist students in this, the Registrar's Office is pleased to arrange appointments, please call 294-5792, Mrs. J. Adams, Student Services Office.

Academic Regulations For Extension Students
Part time students in the Division of University Extension must exactly the same requirements for admission and the same requirements for academic standing as do full time students in the Faculty of Arts and Science. However, a number of regulations are of special interest to Extension students.

Maximum Course Load
A part time student may take a maximum of five courses in any Calendar year: three during the winter session and two during the summer session.

Evening and Day Classes
Part time students at Scarborough College generally attend evening classes. However, if a student wishes to enrol in a class that is not offered in the evening session or if the student cannot for some other reason attend evening classes, arrangements may be made with the Registrar for attendance in day classes. Students who wish to attend day classes are required to obtain the approval of the College and of the Division offering the course. Students must make their initial enquiries at the Registrar's office.

The General Arts Course
Part time students who began their studies in the General Arts Course, and who by May 1969 have completed eleven or more courses in the General Arts Course, will select their courses in accordance with the rules of the General Arts Course. To complete a first year programme, a student must obtain standing in six courses. To complete a second year programme, a student must obtain standing in five additional courses.

Included among these eleven courses must be three courses in one discipline, required to meet the concentration requirement. To complete the third year programme in the General Arts Course, a student must obtain standing in five additional courses, with an average mark of at least 55%. Students need no longer meet group (distribution) or concentration requirements in selecting third year courses.

Students who remain registered in the General Arts course are subject to a number of other regulations, and are strongly advised to consult with the Registrar or Assistant Registrars in making their course selections.

All part time students who began their studies in the General Arts course, but who had completed by May 1960 fewer than eleven courses, as well as all part time students who began their studies in the General Science Course, must complete their studies under the degree requirements of the New Programme.

The New Programme
In addition to the general academic regulations of the New Programme, printed elsewhere in this Calendar, part time students should be aware of one particular regulation of importance to them.

A student in the New Programme may select any combination of courses that suit his academic interests, provided that:
1) all pre-requisite and co-requisite requirements are met;
2) no more than seven A-level or 100 series courses are selected among the first fifteen courses successfully completed, and no more than eight A-level or 100 series courses are selected among the first twenty courses successfully completed;
3) no course with another university course as pre-requisite is selected until the student has successfully completed either five courses of four courses with an overall average of 60%.

This latter provision is the same as that faced by full time students. Full time students select their first year courses from among courses with no university pre-requisites. They may select more advanced courses with university courses as pre-requisites only in second year.

Fourth Year Programmes
A part time student, like a full time student, who completes the third year of the General Arts course may choose to graduate or to continue to the fourth year of the New Programme. Part time students will be permitted to enter fourth year if they achieve a Grade C average in their third year courses.

Any part time student in the New Programme may choose to graduate or to continue his studies into a fourth year programme.

Mature Students
Many part time students have been admitted to the University on probation as mature students. A mature student on probation will be required to withdraw and to meet the established admission requirements if he fails in the first attempt more than two of his first five courses.

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mature student may remove his probationary status by successfully
passing at the first attempt five courses.

Timetable and Course Descriptions
Summer Evening Session 1970
1) The letters A, B and C prefixed to course numbers indicate levels of
degree complexity and degree of specialization.
2) The letters Y and H indicate full session courses and half session courses.
3) For course descriptions see under Winter Day Session 1970-71.

Summer Evening Extension Session 1970.
A programme of sixteen courses is planned for this season, which begins
on 19 May and ends on 14 August. Of the sixteen courses, twelve are
full-year courses (Y), yielding one credit, and four are half-course (H),
yielding one half-credit towards the University's B.A. or B.Sc. degrees.
Each of the courses has classes twice a week from 7:00 p.m. to 9:00 p.m.
on either Monday and Wednesday or Tuesday and Thursday. All the
regulations, information, dates and fees relating to application, admis-
sion and registration for this session can be found in the appropriate
sections of this Calendar. If you have any enquiries, do not hesitate to
call 244-3127.

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. To assist you in this,
the Registrar's Office is pleased to arrange appointments. Please call
Mrs. J. Adams, Student Services Office at 284-3292. Here are the courses
to be offered at Scarborough in the Summer Evening Programme 1970.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Days of Classes</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH01H</td>
<td>Anthropology; Social Organization (19 May-26 June)</td>
<td>Mon., Wed.</td>
<td>3</td>
</tr>
<tr>
<td>BIB11Y</td>
<td>Human Biology (16 July-14 August)</td>
<td>Tues., Thurs.</td>
<td>3</td>
</tr>
<tr>
<td>ECON01Y</td>
<td>Introduction to Economics</td>
<td>Tues., Thurs.</td>
<td>3</td>
</tr>
<tr>
<td>ENGB10Y</td>
<td>Shakespeare</td>
<td>Mon., Wed.</td>
<td>3</td>
</tr>
<tr>
<td>GGRA01Y</td>
<td>Introduction to Human Geography</td>
<td>Mon., Wed.</td>
<td>3</td>
</tr>
<tr>
<td>GOLB10Y</td>
<td>Geography of Underdeveloped Areas</td>
<td>Mon., Wed.</td>
<td>3</td>
</tr>
<tr>
<td>HIST01H</td>
<td>Canadian History since Confederation (6 July-14 August)</td>
<td>Mon., Wed.</td>
<td>3</td>
</tr>
<tr>
<td>POLA01Y</td>
<td>Government of Canada (16 July-14 August)</td>
<td>Mon., Wed.</td>
<td>3</td>
</tr>
<tr>
<td>PSYB10Y</td>
<td>Introduction to Psychology</td>
<td>Mon., Wed.</td>
<td>3</td>
</tr>
<tr>
<td>SOC10Y</td>
<td>Sociology: Social Stratification</td>
<td>Mon., Wed.</td>
<td>3</td>
</tr>
<tr>
<td>SOC18Y</td>
<td>Deviant Behaviour</td>
<td>Mon., Wed.</td>
<td>3</td>
</tr>
<tr>
<td>SPA10Y</td>
<td>Introductory Spanish</td>
<td>Mon., Wed.</td>
<td>3</td>
</tr>
</tbody>
</table>

Library
During the summer, the Library will be open as follows:
Mondays thru Thursdays—9 a.m. to 5 p.m.
Fridays—9 a.m. to 10 p.m.

Bookstore
Hours of opening for the Summer Session are as follows:
May 19, 20, 21—9 a.m. to 9 p.m.
May 22—9 a.m. to 5 p.m.
May 25, 26, 27, 28—9 a.m. to 9 p.m.
May 29—9 a.m. to 5 p.m.

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 those playing fields are
available. Organized recreational activities such as 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.

Timetable and Course Descriptions
Winter Evening Session 1970-71
1) The letters A, B and C prefixed to course numbers indicate levels of
degree complexity and degree of specialization.
2) The letters Y, F, S and H indicate respectively Full Year, Fall Term, Spring Term and Year-long Half Courses.
3) Where a student lacks pre-or corequisites for a course, he can only be
admitted to that course by the written permission of the instructor. Such
permission must be submitted to the Registrar.
4) For course descriptions see under Winter Day Session 1970-71.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Day</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTA01Y</td>
<td>Introduction to Anthropology</td>
<td>Thursday</td>
<td>S309</td>
<td>T.B.A.</td>
</tr>
<tr>
<td>ANTA02Y</td>
<td>Social Organization</td>
<td>Wednesday</td>
<td>H309</td>
<td>Ishwaran</td>
</tr>
<tr>
<td>ANTA03Y</td>
<td>Anthropolgy of Religion</td>
<td>Wednesday</td>
<td>H309</td>
<td>Ishwaran</td>
</tr>
<tr>
<td>ANT811Y</td>
<td>Man in the Pleistocene</td>
<td>Thursday</td>
<td>S634</td>
<td>Schroeder</td>
</tr>
<tr>
<td>ANT812Y</td>
<td>Man in the Holocene</td>
<td>Thursday</td>
<td>S634</td>
<td>Schroeder</td>
</tr>
<tr>
<td>BRA01Y</td>
<td>Molecular and Cellular Biology</td>
<td>Laboratory</td>
<td>9 a.m.-12 noon</td>
<td>Thursday</td>
</tr>
<tr>
<td>BRA02Y</td>
<td>Human Biology: Lecture</td>
<td>Saturday</td>
<td>S309</td>
<td>Unpublished</td>
</tr>
<tr>
<td>CMB01Y</td>
<td>General Chemistry: Lecture</td>
<td>Saturday</td>
<td>S216</td>
<td>Staff</td>
</tr>
<tr>
<td>CMB02Y</td>
<td>General Chemistry: Lecture</td>
<td>Wednesday</td>
<td>S143</td>
<td>T.B.A.</td>
</tr>
<tr>
<td>CMB03Y</td>
<td>Organic Chemistry: Lecture</td>
<td>Wednesday</td>
<td>S143</td>
<td>T.B.A.</td>
</tr>
<tr>
<td>CMB04Y</td>
<td>Organic Chemistry: Lecture</td>
<td>Wednesday</td>
<td>S143</td>
<td>T.B.A.</td>
</tr>
<tr>
<td>CMB05Y</td>
<td>Organic Chemistry: Lecture</td>
<td>Wednesday</td>
<td>S143</td>
<td>T.B.A.</td>
</tr>
<tr>
<td>CLAS0Y</td>
<td>Greek and Roman Religion</td>
<td>Tuesday</td>
<td>H308</td>
<td>Ward</td>
</tr>
<tr>
<td>COMM0Y</td>
<td>Financial Accounting</td>
<td>Monday</td>
<td>S191</td>
<td>Shapiro</td>
</tr>
<tr>
<td>ECON01Y</td>
<td>Introduction to Economics</td>
<td>Wednesday</td>
<td>S191</td>
<td>Deeney</td>
</tr>
<tr>
<td>ECON02Y</td>
<td>European Economic History</td>
<td>Wednesday</td>
<td>S143</td>
<td>Pope</td>
</tr>
<tr>
<td>ECON03Y</td>
<td>Money and Banking</td>
<td>Thursday</td>
<td>H309</td>
<td>Denner</td>
</tr>
<tr>
<td>ENG00Y</td>
<td>Canadian Literature in English</td>
<td>Monday</td>
<td>H214</td>
<td>Margeson</td>
</tr>
<tr>
<td>ENG01Y</td>
<td>English Poetry, Prose and Drama: 1600-1800</td>
<td>Tuesday</td>
<td>S208</td>
<td>Howard</td>
</tr>
<tr>
<td>ENG02Y</td>
<td>English Language, a study of various forms</td>
<td>Thursday</td>
<td>S214</td>
<td>Key</td>
</tr>
<tr>
<td>ENG03Y</td>
<td>Shakespeare</td>
<td>Wednesday</td>
<td>S214</td>
<td>Parrenell</td>
</tr>
<tr>
<td>ENG04Y</td>
<td>English Poetry: the study of various forms</td>
<td>Wednesday</td>
<td>S214</td>
<td>Parrenell</td>
</tr>
<tr>
<td>FRAN01Y</td>
<td>Introductory Drawing</td>
<td>Monday</td>
<td>S214</td>
<td>Amrita</td>
</tr>
<tr>
<td>FRE01Y</td>
<td>The Philosophical Core of French Literature</td>
<td>Wednesday</td>
<td>H110</td>
<td>Mans</td>
</tr>
<tr>
<td>GR01Y</td>
<td>History of Greece from 800 B.C. to the Death of Alexander</td>
<td>Wednesday</td>
<td>H108</td>
<td>Beddington</td>
</tr>
<tr>
<td>GR02Y</td>
<td>Studies in Roman History</td>
<td>Thursday</td>
<td>S319</td>
<td>Corbett</td>
</tr>
<tr>
<td>GR03Y</td>
<td>Introductory Physical Geography</td>
<td>Thursday</td>
<td>S319</td>
<td>Greenwood</td>
</tr>
<tr>
<td>GR04Y</td>
<td>Geography of Canada</td>
<td>Thursday</td>
<td>S630</td>
<td>Cave and Francs</td>
</tr>
</tbody>
</table>
Administration and Faculty

The University
President
C. T. Bonnell, M.A., Ph.D., D.Sc., LL.D., F.R.S.C.
Executive Vice-President (Academic) and Provost
J. H. Swain, B.A., M.A.
Executive Vice-President (Non-Academic)
A. G. Raakin, B.Com., C.A.
Vice-President and Registrar
R. Ross, M.B.E., M.A.
Vice-President and Dean of the School of Graduate Studies
Vice-Provost and Executive Assistant to the President
D. F. Forster, B.A., A.M.

The Faculty of Arts and Science
Dean
A. D. Allen, B.Sc., Ph.D.
Associate Dean
A. C. H. Hallett, B.A., Ph.D.
Associate Dean
A. R. W. Wasten, M.A., S.T.B.
Assistant Dean and Secretary
W. B. Foulis, B.A.

The College
Principal
A. F. W. Plumptre, C.B.E., B.A., M.A.
Dean
S. J. Colman, B.A., M.A.
Assistant Dean
J. Riddick, B.Sc., Ph.D.
Librarian
J. L. Bell, B.A., M.A.
Registrar
A. J. G. Patonall, B.A., M.A., Ph.D.
Assistant Registrars
N. H. Dobbs, B.A.
D. Keeling, M.A.

Division of Humanities
Chairman
P. H. Selous, B.Sc., M.A., Ph.D.

Classics
N. E. Collinge, B.A., M.A., Ph.D., Professor
Miss A. Boulding, B.A., Associate Professor
J. R. Warden, B.A., M.A., Associate Professor
J. C. G. Bell, B.A., M.A., Ph.D., Assistant Professor
P. S. Dever, B.A., M.A., Assistant Professor
J. Grant, B.A., M.A., Assistant Professor
Mrs. E. M. Irwin, M.A., Ph.D., Assistant Professor
J. R. McDonald, B.A., Ph.D., Assistant Professor

English
J. M. R. Margeson, B.A., M.A., Ph.D., Professor
W. J. Howard, B.A., M.A., Ph.D., Associate Professor
J. Kay, B.A., M.A., Ph.D., Assistant Professor
M. C. Kirkham, M.A., M.Phil., Assistant Professor
A. J. G. Patonall, B.A., M.A., Ph.D., Assistant Professor
Mrs. B. S. Martinson, M.A., Lecturer
R. D. Rodgers, B.A., M.A., Lecturer
M. Tai, B.A., M.A., Lecturer
A. C. Thomas, B.A., M.A., Lecturer
Mrs. E. P. Vicari, B.A., M.A., Lecturer
Mrs. E. A. Kilkullen, B.A., M.A., Instructor

Fine Art
Mrs. C. G. Johnston, B.A., Assistant Professor
G. Scavizzi, Ph.D., Assistant Professor
Mrs. J. M. Vastokas, B.A., M.A., Ph.D., Assistant Professor
Miss M. Schaefer, B.A., M.A., Lecturer

French
D. M. Hayus, B.A., M.A., Ph.D., Professor
P. C. Mosey, B.A., M.A., B.Litt., Ph.D., Associate Professor
G. F. R. Troubridge, Litt.D., Ph.D., Associate Professor
Miss W. J. Bannett, B.A., M.A., Ph.D., Assistant Professor
J. W. Batchelor, B.A., Ph.D., Assistant Professor
Mrs. J. A. Curtis, B.A., M.A., Assistant Professor
L. E. Doucette, B.A., Ph.D., Assistant Professor
W. J. Kirkness, B.A., M.A., Ph.D., Assistant Professor
Mrs. J. Romney, Litt.D., D.E.S., Ag.de L.U., Lecturer
Mrs. M. E. Kirkness, B.A., M.A., Instructor
Mrs. M. Walker, B.A., Instructor

German
H. H. H. Ohlendorf, B.A., M.A., Assistant Professor
Astronomy
R. C. Reeder, B.Sc., M.Sc., Ph.D., Associate Professor
P. P. Krohnberg, B.Sc., M.Sc., Ph.D., Assistant Professor

Biology
M. F. Filosa, B.S., M.S., Ph.D., Associate Professor
Miss M. Grant, B.Sc., Instructor

Botany
G. P. Iserla, B.Sc., Ph.D., Associate Professor
C. A. Verantian, B.Sc., Ph.D., Associate Professor
F. E. Dooling, B.Sc., Ph.D., Assistant Professor
Mrs. C. Spurling, B.Sc., Ph.D., Assistant Professor

Chemistry
R. B. Catton, B.A., Ph.D., Assistant Professor
R. O. Harris, B.Sc., M.A., Ph.D., Assistant Professor
T. R. Lynch, B.Sc., M.A., Ph.D., Assistant Professor
J. Riddick, B.Sc., Ph.D., Assistant Professor
A. Walker, B.Sc., Ph.D., Assistant Professor
G. Brownlee, B.Sc., Ph.D., Lecturer
T. Elades, Lecturer
Mrs. M. Irwin, B.Sc., M.Sc., Instructor
Mrs. K. Henderson, B.Sc., Instructor

Geology
A. E. Oleslaw, B.Sc., Ph.D., Lecturer

Mathematics
R. B. Brown, A.B., M.S., Ph.D., Associate Professor
E. W. E. Ellen, Dr. rer. nat., Associate Professor
P. L. Lewis, M.A., Ph.D., S.J., Associate Professor
Mrs. H. K. Botta, B.A., M.A., Ph.D., Assistant Professor
D. P. Walker, B.Sc., M.A., Assistant Professor
Mrs. F. E. Anderson, B.Ed., Instructor
Mrs. M. Doucette, B.A., Instructor
D. G. Hall, B.Sc., Instructor
Mrs. M. Hall, B.Sc., Instructor

Microbiology
V. V. Kingsley, B.Sc., M.Sc., Ph.D., Assistant Professor

Physics
J. D. King, B.Sc., Ph.D., Associate Professor
P. J. O'Donnell, B.Sc., M.Sc., Ph.D., Assistant Professor
J. M. Perez, B.Sc., M.Sc., Ph.D., Assistant Professor
V. Spratt, B.A., M.S., Ph.D., Assistant Professor
M. Walker, B.Eng., D.Phil., Assistant Professor
G. Woollett, B.Sc., Instructor
K. P. Wang, M.A., Ph.D., Instructor

Psychology
B. Forin, B.A., M.A., Ph.D., Associate Professor
G. B. Siederman, B.Sc., Ph.D., Assistant Professor
A. Chynow, B.A., M.A., Ph.D., Assistant Professor
M. G. Elston, B.A., Ph.D., Assistant Professor
A. S. Rens, B.A., M.A., Ph.D., Assistant Professor
Mrs. M. C. Smith, B.A., Ph.D., Assistant Professor

Zoology
F. A. Urquhart, B.A., M.A., Ph.D., Professor
I. M. Campbell, B.Sc., M.A., Ph.D., Associate Professor
M. Miyagi, M.A., B.A., Ph.D., Assistant Professor
G. N. Smith Jr., M.A., Ph.D., Assistant Professor
J. H. Vossen, B.A., M.Sc., Ph.D., Assistant Professor
Mrs. P. Dampney, B.Sc., M.Sc., Instructor
Miss C. Pickett, B.Sc., M.A., Instructor

Division of Social Sciences
Chairman
A. Kruger, B.A., M.A., Ph.D.

Anthropology
C. E. Hoppen, B.A., M.A., Associate Professor
R. Knight, B.A., M.A., Ph.D., Assistant Professor
H. B. Schroeder, B.A., Ph.D., Assistant Professor
E. C. Schwimmer, B.A., M.A., Ph.D., Assistant Professor
R. W. Shirley, B.A., M.A., Ph.D., Assistant Professor

Economics
V. W. Bladen, M.A., LL.D., D.Litt., FRSC, Professor
A. Kruger, M.A., B.A., Ph.D., Professor
A. F. W. Plumptre, M.A., B.A., C.B.E., Professor
N. M. Molitz, B.Comm., M.A., Ph.D., Associate Professor
K. Rea, B.A., M.A., Ph.D., Associate Professor
T. Liu, B.A., M.A., Ph.D., Assistant Professor
K. L. Wyman, B.A., M.A., Assistant Professor
M. W. Incovetsky, B.A., M.A., Lecturer

Geography
K. E. Francis, B.S., M.S., Ph.D., Associate Professor
A. Tsyshk, B.A., M.A., Associate Professor

P. Cane, B.A., M.A., D.Phil., Assistant Professor
B. Greenwood, B.Sc., Assistant Professor
M. F. Burnie, B.A., Lecturer
H. S. Swain, B.A., M.A., Lecturer
R. Wolfe, B.A., M.A., Special Lecturer

Political Science
S. J. Colman, B.A., M.A., Professor
P. V. Bishop, B.A., M.A., Ph.D., Assistant Professor
R. E. Blairs, M.A., Assistant Professor
R. E. Sten, B.A., M.A., Ph.D., Assistant Professor
Mrs. F. Hawkins, M.A., Ph.D., Lecturer
J. K. Spicer, B.A., Dip.C.I.P., Ph.D., Special Lecturer

Sociology
R. L. Lutyns, M.A., B.A., Ph.D., Professor
W. M. Genoway, B.A., Ph.D., Associate Professor
R. Busk, Ph.D., Assistant Professor
J. A. Lue, B.A., M.A., Assistant Professor
M. S. Hara, B.A., M.A., Lecturer
B. O’Toole, B.A., M.A., Lecturer

Commerce
M. Shapiro, B.Comm., 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.

Library and Study Areas

For a college its size, Scarborough has an exceptionally large and well-equipped library – 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 – nearly 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 also to draw on the collection of the University of Toronto’s main library. There is a regular book delivery service from the main library to the Scarborough library.

The study space in the College library is equipped with individual study carrels and comfortable 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 5 p.m. Extensive study areas outside of 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.

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 been residents in Ontario for one year prior to beginning their academic programmes, 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 1969-70, awards have ranged from as little as $50 to as much as $2,000, depending upon assessed need.

Each loan application is assessed individually according to rules established by the Ontario Department of University Affairs. A description of these rules is available in the brochure, "Ontario Student Awards Program, 70/71," available from the Student Services Office or 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.

Applications forms may be obtained from the Office of the Registrar (284-3127) or from the Student Services Office (284-3292). 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 1970. Applications submitted after this date but before 31 January 1971 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 1971.

Both the OSAP rules and the OSAP application form are complicated. In completing your application please do not hesitate to seek help from the Registrar's Office or from the Student Services Office.

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, 1970-71, 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 necessary to submit an application.

The Agaioncourt Lions Club Scholarship. Gift of the Agaioncourt 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: $200.

Borough of Scarborough Admission Scholarship. One of a number of gifts of the Borough of Scarborough (through the good offices of the Scarborough College Alumni Association), this scholarship is awarded to a student with high first-class standing entering the first year at Scarborough College. Value: $200.

I.O.O.F. Kazan Chapter Admission Scholarship. One of three gifts of the Imperial Order Daughters of the Empire, Kazan 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 Alumni Association Admission Scholarship. One of several gifts from the Scarborough College Alumni Association, this scholarship is awarded to a student with high first-class standing entering the first year at Scarborough College. Value: $100.

Scarborough College Ojape 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. Gift of the Varsity Fund, four continuing scholarships are awarded to students with high first-class standing entering the first year at Scarborough College. Value: $300; in the first year: $600, 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.

L.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: $250.

Scarborough College Alumni Association Scholarships. Two of several gifts from the Scarborough College Alumni Association, these scholarships are awarded: (a) to a student with high Grade “A” standing in first year who enters the second year at Scarborough College; and (b) to a student with high Grade “A” standing in second year who enters the third year at the College. Value: $250 each.

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 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 (at least B-) are eligible to apply for University of Toronto In-Course Bursaries. Application forms are available at the Registrar’s Office and at the Student Services Office. Applications must be submitted before 15 October 1970.

2) Scarborough College Bursaries

Gifts of the Borough of Scarborough, the Township of Pickering and others, made available through the Scarborough College Alumni Association, these bursaries are awarded to students in real financial need who are making satisfactory academic progress. Applications, available from the Registrar’s Office and from the Student Services Office, must be submitted by 15 January 1971. 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 and the Student Services Office, must be submitted by 15 January 1971. Value: $250 for some awards; $150 for others.

Emergency Loans

The Scarborough College Faculty Bursary Fund has been established from the contributions of faculty members and other 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, 294-2792.

Students who wish to locate downtown may contact the University Housing Service, 49 St. George St., Toronto 5, tel. 925-2542.

Co-Operative Residences

In 1965-66 the College operated eight 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, linens 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 Cooperative 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 284-0151.

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 University 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 gymnasiums, 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 after graduation. Thus golf, horseback riding, tennis, curling, sailing, gymnastics, skirling, modern dance, kendo 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 Lister 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 athletic facilities, activities, schedule and personnel will be available in the fall.
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<th>Year</th>
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