The Academic Affairs Committee at its regular meeting held on Tuesday, June 5th, 1973 approved the following new degree regulations for Scarborough College:

(a) **Fifteen-Course Degree Requirements**

A student shall be said to have completed the requirements for a fifteen-course degree when, at the end of the session which includes the fifteenth course, he or she has:

(i) obtained standing in at least fifteen courses;
(ii) obtained standing in at least eight B and C level courses;
(iii) obtained a final mark of 60% or better in at least eight full course equivalents. Of these courses with a final mark of 60% or better, at least four must be B- or C-level courses;
(iv) for a Bachelor of Science degree, obtained standing in at least six B- or C-level courses in one or more of the following disciplines: Astronomy, Biological Science, Chemistry, Geography, Mathematics, Physics, Psychology.

(b) **Twenty-Course Degree Requirements**

A student shall be said to have completed the requirements for a twenty-course degree when he or she has:

(i) obtained standing in twenty courses;
(ii) obtained standing in at least thirteen B and C-level courses;
(iii) obtained a mark of 60% or better in a total of at least twelve full course equivalents. Of these twelve courses, at least eight must be B- or C-level courses;
(iv) for a Bachelor of Science degree, included at least nine B- or C-level courses in one or more of the following disciplines: Astronomy, Biological Science, Chemistry, Geography, Mathematics, Physics or Psychology.


J.D. King,
Associate Dean and Registrar.
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### The Academic Calendar

#### Summer Evening Session – 1973

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 April</td>
<td>Last day for new students to apply for admission to the University.</td>
</tr>
<tr>
<td>14 May</td>
<td>'Y', 'F' and 'H' courses begin.</td>
</tr>
<tr>
<td>21 May</td>
<td>Victoria Day – all classes cancelled.</td>
</tr>
<tr>
<td>23 May</td>
<td>Last day to add an 'F' course.</td>
</tr>
<tr>
<td>28 May</td>
<td>Last day to add 'Y' and 'H' courses.</td>
</tr>
<tr>
<td>8 June</td>
<td>Last day to withdraw from an 'F' course without academic penalty.</td>
</tr>
<tr>
<td>21 June</td>
<td>Last day of classes in 'F' courses.</td>
</tr>
<tr>
<td>30 June</td>
<td>Last day to withdraw from 'Y' and 'H' courses without academic penalty.</td>
</tr>
<tr>
<td>2 July</td>
<td>Dominion Day – all classes cancelled.</td>
</tr>
<tr>
<td>3 July</td>
<td>'S' courses begin.</td>
</tr>
<tr>
<td>11 July</td>
<td>Last day to add an 'S' course.</td>
</tr>
<tr>
<td>27 July</td>
<td>Last day to withdraw from an 'S' course without academic penalty.</td>
</tr>
<tr>
<td>6 August</td>
<td>Civic Holiday – all classes cancelled.</td>
</tr>
<tr>
<td>9 August</td>
<td>Last day of classes in 'Y', 'H' and 'S' courses.</td>
</tr>
<tr>
<td>13 August</td>
<td>Examinations begin.</td>
</tr>
<tr>
<td>17 August</td>
<td>Examinations end.</td>
</tr>
</tbody>
</table>

#### Summer Day Session – 1973

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 May</td>
<td>Last day for new students to apply for admission to the University.</td>
</tr>
<tr>
<td>2 July</td>
<td>Dominion Day – all classes cancelled.</td>
</tr>
<tr>
<td>3 July</td>
<td>'Y', 'S' and 'H' courses begin.</td>
</tr>
<tr>
<td>5 July</td>
<td>Last day to add an 'F' course.</td>
</tr>
<tr>
<td>10 July</td>
<td>Last day to add 'Y' and 'H' courses.</td>
</tr>
<tr>
<td>13 July</td>
<td>Last day to withdraw from an 'F' course without academic penalty.</td>
</tr>
<tr>
<td>20 July</td>
<td>Last day of classes in 'F' courses.</td>
</tr>
<tr>
<td>23 July</td>
<td>'S' courses begin.</td>
</tr>
<tr>
<td>25 July</td>
<td>Last day to add an 'S' course.</td>
</tr>
<tr>
<td>1 August</td>
<td>Last day to withdraw from 'Y' and 'H' courses without academic penalty.</td>
</tr>
</tbody>
</table>

#### Winter Session – 1973-74

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 August</td>
<td>Last day to withdraw from an 'S' course without academic penalty.</td>
</tr>
<tr>
<td>6 August</td>
<td>Civic Holiday – all classes cancelled.</td>
</tr>
<tr>
<td>10 August</td>
<td>Last day of classes in 'Y', 'H' and 'S' courses.</td>
</tr>
<tr>
<td>13 August</td>
<td>Examinations begin.</td>
</tr>
<tr>
<td>17 August</td>
<td>Examinations end.</td>
</tr>
</tbody>
</table>

#### Winter Session – 1973-74

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 June</td>
<td>Last day to apply for admission to the regular Winter Programme beginning Sept. 1973.</td>
</tr>
<tr>
<td>1 June</td>
<td>Last day for current students to request a transfer to another College.</td>
</tr>
<tr>
<td>4 June</td>
<td>Scarborough College Convocation – 10:30 a.m.</td>
</tr>
<tr>
<td>1 July</td>
<td>Last day to apply for admission to the Winter (Extension) Session beginning Sept. 1973.</td>
</tr>
<tr>
<td>3 September</td>
<td>Labour Day (University closed).</td>
</tr>
<tr>
<td>4-7 September</td>
<td>Registration Week.</td>
</tr>
<tr>
<td>7 September</td>
<td>The late registration fee will be enforced after this date.</td>
</tr>
<tr>
<td>10 September</td>
<td>Classes for the 1973-74 Academic Year begin at 9:00 a.m.</td>
</tr>
<tr>
<td>28 September</td>
<td>Last day for adding Fall Term Half-Courses (F) and Year Courses (Y and H).</td>
</tr>
<tr>
<td>30 September</td>
<td>Last day for receipt of applications for Ontario Student Awards (OSAP).</td>
</tr>
<tr>
<td>8 October</td>
<td>Thanksgiving Day (all classes cancelled).</td>
</tr>
<tr>
<td>15 October</td>
<td>Last day for receipt of applications for University of Toronto In Course Bursaries.</td>
</tr>
<tr>
<td>15 October</td>
<td>Last day for withdrawal from a Fall Term Half-Course (F) without academic penalty, for all students.</td>
</tr>
<tr>
<td>15 November</td>
<td>Last day for students not attending University for the first time to withdraw from a Full Year Course (Y) or a Year-long Half-Course (H) without academic penalty.</td>
</tr>
<tr>
<td>23 November</td>
<td>Fall Convocation.</td>
</tr>
<tr>
<td>7 December</td>
<td>Last day of classes.</td>
</tr>
<tr>
<td>10-19 December</td>
<td>Term Test and Final Examination Period.</td>
</tr>
<tr>
<td>14 December</td>
<td>All term assignments should be submitted by this date.</td>
</tr>
</tbody>
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1974
2 January Second-term instalments of fees due.
7 January Second term begins. Classes commence at 9:00 a.m.
25 January Last day for adding Spring Term Half-Courses (5).
31 January Last day for receipt of applications for Scarborough College bursaries.
1 February Last day for students attending University for the first time to withdraw from Your Courses (Y and H) without academic penalty.
1 February Last day for withdrawal from a Spring Term Half-Course (5) without academic penalty, for all students.
1 February Last day for all students to withdraw from the College without academic penalty (see notes in General Regulations for Standing).
18-22 February Reading Week (all classes cancelled).
11 April Last day of classes. All term and year assignments should be submitted by this date.
12 April Good Friday (University closed).
18 April Annual Examinations begin.
8 May Annual Examinations end.

---
June Convocation
For morning
June 7/74.
10:30 a.m.

Administration and Faculty, 1972-73
The University
Chancellor
P.M. McEachen, B.A., L.L.D.
President
J.R. Evans, M.D., D. Phil., L.L.D., F.R.C.P. (C)
Vice-President and Provost
D.F. Forster, B.A., A.M.
Vice-President – Business Affairs
A.G. Rankin, B.Com., F.C.A.
Vice-President – Institutional Relations and Planning
J.H. Sword, M.A., L.L.D.
Vice-President – Internal Affairs
J.K. Conway, B.A., Ph. D.
Chief Librarian
R.H. Blackburn, M.A., B.L.S., M.S., L.L.D.
Director of Admissions
W. Kent, M.A.
Director of Student Awards
P.S. Phillips, B.A.
Director of Statistics and Records
J.M. Tosiewicz, M.A., Sc., M.B.A.
Director of University Health Service
G.E. Wodehouse, M.C., M.D., F.R.C.P.
Director of Career Counselling and Placement Centre
D. Currey, B.A., Sc.
Acting Director of International Student Centre
E.A. McKee, B.A., M.A.
Director of Advisory Bureaus
D.J. McCollough, B.A., M.D., D. Psych., F.R.C.P.(C)
Director of Housing Service
M.G. Lafferty, B.A.
The College
Principal
D.R. Campbell, B.A., M.A., D.F.C. and Bar
Assistant to the Principal
M. Branch, M. Sc.
Associate Dean (Planning and Building)
A. Walker, B.Sc., Ph. D.
Associate Dean and Registrar
J.D. King, B.A., Ph. D.
Assistant Registrars
N.H. Doob, B.A.
D. Keeling, M.A.
Admissions Adviser
L. Gordon
Division of Humanities

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Administrative Assistant to the Chairman
A. F. Western

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J. W. Warden, B.A., M.A., Associate Professor
E. M. Irwin, B.A., Ph.D., Assistant Professor
R. McDonald, B.A., Ph.D., Assistant Professor
M. A. Shaw, B.A., Ph.D., Lecturer

Drama
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English
W. J. Howard, M.A., Ph.D., Associate Professor
J. M. R. Marjoram, M.A., Ph.D., Professor
M. C. Kirkham, M.A., M. Phil., Associate Professor

J. Kay, M.A., Ph.D., Assistant Professor
B. S. Martinau, M.A., Ph.D., Assistant Professor
A. J. G. Peatmill, M.A., Ph.D., Assistant Professor
A. C. Thomas, M.A., Ph.D., Assistant Professor
E. P. Vicari, M.A., Ph.D., Assistant Professor
M. Tait, M.A., Assistant Professor
M. A. Creelman, M.A., Lecturer
T. Long, M.A., M. Phil., Lecturer
S. Namcoo, M.A., M.S., Ph.D., Assistant Professor
R. D. Rogers, M.A., Lecturer

Fine Art
G. Scavuzzi, M.A., Ph.D., Associate Professor
R. Siebelhoff, M.A., Lecturer
S. Amenza, M.A., Lecturer
D. Holman, B.F.A., Lecturer
G. Moray, M.A., Lecturer

French
G. R. Trebley, L. L. L., Ph.D., Professor
E. E. Doucette, B.A., Ph.D., Associate Professor
W. J. Kirkness, M.A., Ph.D., Associate Professor
P. C. Moes, M.A., B.L.S., Ph.D., Associate Professor
W. J. Bancroft, M.A., Ph.D., Assistant Professor
J. A. Curtis, M.A., M. Phil., Ph.D., Assistant Professor
C. Jennings, Ph.D., Associate Professor
L. B. Mignault, B.A., Ph.D., Assistant Professor
S. Mitterer, M.A., Ph.D., Assistant Professor
M. Walker, B.A., Instructor

German
H. H. Stohr, M.A., Ph.D., Assistant Professor
W. Tepfenhardt, M.A., Ph.D., Visiting Assistant Professor
H. Wittmann, Abitur, M.A., Ph.D., Assistant Professor

History
J. S. Mor, M.A., Ph.D., Professor
J. P. B. Kenyon, M.A., Ph.D., Associate Professor
W. Dick, M.A., D. Ed. Ph.D., Associate Professor
M. Eikinis, B. Phil., M. Phil., Assistant Professor
J. L. Pearl, M.A., Ph.D., Assistant Professor
I. R. Robertson, M.A., Lecturer
A. N. Shays, M.A., Lecturer

Italian
A. Franceschetti, Dott. in Lett., Ph.D., Associate Professor
E. Costa, M.A., Lecturer
G. Katz, M.A., Instructor
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J.D. Woods, A.B.D., Assistant Professor

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J.H. Sobel, M.A., Ph.D., Assistant Professor
F.A. Cunningham, B.A., M.A., Ph.D., Assistant Professor
P.W. Good, M.A., Ph.D., Associate Professor
W.C. Graham, M.A., Ph.D., Assistant Professor
D.L. Mober, B.A., Ph.D., Assistant Professor

Russian
C.V. Kononareff, M.A., Ph.D., Associate Professor
S. Whalen, M.A., Lecturer

Spanish
R.J. Barta, M.A., Ph.D., Associate Professor
P.R. Lehn, M.A., Ph.D., Assistant Professor
J.M. Mallard, M.A., Phil. M., Assistant Professor
R. Smythe, M.A., M. Litt., Ph.D., Assistant Professor
J.J. Chiecy-Dahan, M.A., Lecturer

Writer-in-Residence
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Chairman of Physical Sciences
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Division of Science
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J.P. Potter, B.Sc., Instructor
K.A. Henderson, B.Sc., Instructor

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I. Kupka, Ph.D., Associate Professor
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J.B. Wikven, M.Sc., Ph.D., Assistant Professor
W. Enright, M.Sc., Ph.D., Assistant Professor
D.G. Hall, Instructor
M. Hall, B.Sc., Instructor

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G.O. Scott, M.A., Ph.D., Professor
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J.D. King, B.A., Ph.D., Associate Professor
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M.M. Pendrill, B.Sc., Ph.D., Associate Professor
M.B. Walker, B.Eng., D. Phil., Associate Professor
A.E. Jacobs, B.Sc., Ph.D., Assistant Professor
G. Woollett, B.Sc., Instructor
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M. Walker, B.A., M.S., Ph.D., Assistant Professor
R. Hyndman, B.A., M.Sc., Lecturer
V. Sawyer, A.B., M.A., M.B.A., Special Lecturer

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F. W. Cave, B.A., M.A., D.Phil., Associate Professor
K. E. Francis, B.S., M.S., Ph.D., Associate Professor
B. Greenwood, B.Sc., Ph.D., Associate Professor
C. J. Sparrow, B.Sc., Ph.D., Associate Professor
A. Tsybel, B.A., M.A., Associate Professor

M. F. Bunce, B.A., M.A., Ph.D., Assistant Professor
G. J. D. Hewings, B.A., M.A., Ph.D., Assistant Professor

Political Science
S. J. Colman, B.A., M.A., Professor
G. Skilling, B.A., M.A., Ph.D., F.R.S.C., Professor
E. Andrew, B.A., Ph.D., Assistant Professor
V. Falkenheim, A.B., M.A., Ph.D., Assistant Professor
K. R. Sandbrook, B.A., M.A., D.Phil., Assistant Professor
S. G. Solomon, B.A., M.A., Assistant Professor
R. S. Blair, M.A., Lecturer
G. Friesen, B.A., A.M., Ph.D., Lecturer
T. A. Heinrichs, B.A., M.A., Lecturer
A. Robins, B.A., M.A., Lecturer
J. Dreifelds, B.Sc., M.A., Special Lecturer
J. E. Estebey, B.A., B.Ed., M.A., B.Sc., Special Lecturer

Sociology
R. I. James, B.A., M.A., Ph.D., Professor
W. M. Gerson, B.A., M.A., Ph.D., Associate Professor
N. Howell, B.A., Ph.D., Associate Professor
W. W. Isajiw, B.A., M.A., Ph.D., Associate Professor
R. G. Beis, B.A., M.A., Ph.D., Assistant Professor
J. L. de Lannoy, L.L.S., Assistant Professor
L. L. Howard, A.B., M.A., Ph.D., Assistant Professor
J. A. Lee, B.A., M.A., D.Phil., Assistant Professor
R. O'Toole, B.A., M.A., Ph.D., Assistant Professor
Scarborough College is one of the eight colleges of the University of Toronto which offer programmes in Arts and Science. Courses were first offered by Scarborough College during the 1965-66 academic session. At that time, and until July 1, 1972, the College was a member of the Faculty of Arts and Science. Beginning with the 1972-73 academic year, the College discontinued its formal association with the Faculty and is now responsible directly to the Governing Council of the University. A close liaison with the Faculty is being maintained, however, so that, for example, students registered on one campus of the University will be able to take courses on the other campuses of the University subject to certain regulations. Graduates of Scarborough College will continue to receive the B.A. or B.Sc. degree of the University of Toronto.

The new position within the University has allowed the College to progress more rapidly towards an academic programme which reflects the desires and needs of its members — both students and faculty. Beginning in 1973 students will be permitted to proceed towards a degree at a rate of their own choosing. Under the new regulations students will be permitted to take courses during both the winter and the summer sessions for credit towards a degree.

The College offers courses leading to 15-credit and 20-credit B.A. and B.Sc. degrees. Programmes which will lead to the 20-credit degree are not presently available in all subject areas, although the number of disciplines offering such programmes is growing steadily with the increase in the size of the College. Students have the option of taking the last five courses towards a 20-credit degree on the St. George Campus if they find the course selection in their preferred subject areas too limited at Scarborough. Students are permitted complete freedom of selection of subjects in their programmes and may enroll in courses of varying degrees of seniority and complexity. When accepting this freedom the student also assumes the responsibility for the determination of the nature of his or her programme — whether it is to be oriented towards specialization in a single discipline or to be more interdisciplinary in character. The College urges, and assists its students to exercise this responsibility with discretion, and to avail themselves of as much counselling as they may require in order to proceed towards a degree in a suitable and satisfying programme.

Library

For a college of its size, Scarborough has a large and well-equipped library — over 125,000 volumes, and over 1,000 current periodicals. 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.

Staff and students may also draw on the resources of the University of Toronto's Central Library in person or via the daily book delivery service.

The library is open until 11 pm. from Monday through Thursday during the school year and until 5 pm. on Fridays. It is open on Saturday from 10 am. to 5 pm. and on Sunday from 1 pm. to 5 pm. Extensive study areas outside the library equipped with individual study carrels are available at any hour during the school year.

Library policy is guided by a committee which includes students, as well as faculty and staff.

Scholarships and Financial Assistance

Awards and financial assistance are available in one or a combination of three forms:

Scholarships: Awarded to students for academic excellence, without reference to financial need.

Bursaries: Awarded to students who demonstrate both good academic achievement and financial need or, in some cases, only financial need.

Interest-free loans: Provided to students who demonstrate financial need. Students must assume interest charges and commence repayment of their loans shortly after the termination of their studies.

Ontario Student Awards Programme

In cases where students' and (in the case of dependent students) parents' resources are insufficient according to a Government means test to meet academic costs, the Ontario Student Awards Programme (OSAP) will provide assistance.

Most students who are Canadian citizens or landed immigrants, and who have established themselves as Ontario residents according to OSAP criteria, are eligible to apply for assistance. An Ontario Student Award is part interest-free loan and part grant.

In 1972-73, all awards of $800 and less were interest-free loans. For awards over $800, the first $800 was awarded in the form of an interest-free loan, and the remaining portion of the award in non-repayable grant.

In 1972-73 awards ranged from as little as $50 to as much as $2200, depending upon the Government assessment of the student's need.

Each loan application is assessed individually by the Ontario Ministry of Colleges and Universities. A description of the method of assessment is available in the brochure, "Ontario Student Awards Programme, 1972-73", available from the Office of the Associate Dean and Registrar.

OSAP should be regarded as the primary source of financial assistance for needy Ontario students. Other assistance such as bursary assistance (below) is available only in small amounts to students who do not qualify to apply for Ontario Student Awards or who have received OSAP assistance which is insufficient to meet their needs.

Application forms may be obtained from the Office of the Associate Dean and Registrar (284-3300) or from any post-secondary institution in Ontario. Students are urged to apply early. Students who have not
submitted applications by 1 July may well not receive assistance in time for registration in September. Single students under twenty-four years of age whose parents are self-employed are urged to apply by 1 June if they hope to receive assistance in time for registration.

To be considered at all, OSAP applications must be submitted by 30 September, 1973. Applications submitted after this date but before 31 January 1974 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 1974.

If there are significant changes in a student's financial circumstances, and if the student would like to request a review of his OSAP application, the student should make enquiries at the Office of the Associate Dean and Registrar or the Student Services Office.

If a student would like to have his OSAP assessment explained to him, he should similarly make enquiries at the Office of the Associate Dean and Registrar or Student Services Office.

**Scholarships**

1. **Admission Scholarships**
   - Awarded to students entering Scarborough College directly from Grade 13 with outstanding high school records.
   - University of Toronto Admission Scholarships: The University of Toronto awards a large number of scholarships which are listed in the booklet, *University of Toronto Admission Awards, 1973-74*, 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.
   - Scarborough College Admission Scholarships: The following scholarships are awarded by the Council of Scarborough College. All students who apply for University of Toronto Admission Scholarships will automatically be considered for Scarborough College Admission Scholarships. A second application is unnecessary.
     - **I.O.O.F. Isabel Rutter Chapter Admission Scholarship**: One of three gifts of the Imperial Order, Daughters of the Empire, Isabel Rutter Chapter, this scholarship is awarded to a student with high first-class standing entering Scarborough College from any secondary school in the Borough of Scarborough. Value: $200.
     - **Scarborough College Open Admission Scholarships**: From University of Toronto endowed funds allocated to the College a number of scholarships are awarded to students entering Scarborough College with high first-class standing. The number and value of the scholarships will be determined by the Scarborough College Council. Preference is given to Scarborough students. Value: $250.

2. **In-Course Scholarships**
   - Awarded to students who achieve excellent academic standing at the College and who are continuing their studies at the College.
   - University of Toronto In-Course Scholarships: A number of scholarships are awarded by the University of Toronto. Application forms are available in the fall from the Office of the Associate Dean and Registrar and must be submitted by 15 October, 1973.
   - Scarborough College In-Course Scholarships: The Council of Scarborough College awards the following scholarships. All students who achieve outstanding results will be considered. It is not necessary to submit an application.
     - **I.O.O.F. 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 who have completed at least five courses with overall high Grade "A" standing and who are continuing their studies at the College. Value: $200.
     - **Scarborough College Open Scholarships**: From University of Toronto endowed funds allocated to the College a number of scholarships are awarded to students who have completed at least five courses with high Grade "A" standing and who are continuing their studies at the College. The number and value of the scholarships will be determined by the Scarborough College Council.
     - **Township of Pickering Scholarship**: One of several gifts of the Township of Pickering, this scholarship is awarded to a student who has completed at least five courses with high Grade "A" standing and who is continuing his studies at the College. Value: $250.

3. **Graduating Class Prizes**
   - Awarded to members of the graduating class with exceptionally high standing. No application is necessary.
   - **Governor-General's Silver Medal**: This medal is awarded to the student.
with the highest standing in the graduating class of Scarborough College.

Graduating Class Prizes. A prize, valued at about $50, is awarded to the
students with the highest standing in the graduating class in each of:
Humanities, Sciences and Social Sciences.

Bursaries

1. University of Toronto Bursaries

Students who are in financial need and who have achieved a good
academic record are eligible to apply for University of Toronto
Bursaries. Application forms, available in the fall from the Office of
the Associate Dean and Registrar, must be submitted by 15 October

2. Scarborough College Bursaries

The following bursaries are awarded during the spring term. A single
application form is used to apply for all of them. Application forms,
available in the Office of the Associate Dean and Registrar, must be

Scarborough College Special Bursaries. From University of Toronto
dividends funds allocated to the College, these bursaries are award-
ed to students in real financial need who are making very good
academic progress. Value: $150.

Scarborough College Alumni Association Bursaries. Gifts of the
Varsity Fund, through the auspices of the Scarborough College
Alumni Association, these bursaries are awarded to students in real
financial need who are making satisfactory academic progress.

Township of Pickering Bursaries. Gifts of the Township of Pickering,
these bursaries are awarded to students in real financial need who are
making satisfactory academic progress.

The MacDonald Bursaries. Gift of Mr. Ian MacDonald, Administrative
Officer of the Division of Science, these bursaries are awarded to students
who have completed at least five courses with very good
standing and who demonstrate real financial need. Value: $200 each.

The Dr. Vivian Paskel Memorial Bursary. From a fund donated by the
family, friends, colleagues and students of the late Dr. Vivian Paskel,
this bursary is awarded to a student who will, in the next academic
year, be completing the last five courses for a 20-credit degree, or who
will be entering a graduate programme in Psychology. The award
will be in the form of a bursary. Value: $75.

Emergency Loans

The Scarborough College Emergency Loan Fund has been established from
the contributions of members of Scarborough College.

The fund is designed to provide emergency, short-term loans to
students who are unable to obtain assistance from any other source and
who are in need of this assistance in order to carry on with their studies.
Loans are provided to assist students with essential living costs only.
Because of the limited size of the fund, loans cannot be provided to help
students pay tuition fees.

Students should enquire at the Office of the Associate Dean and
Registrar or the Student Services Office.

Student Services

The Student Services Office (Room 541BC) offers counselling on the
choice of courses; OSAP, scholarships, bursaries and other forms of
financial aid; part-time and summer jobs; medical and legal help. We have a
Reading Room containing graduate school calendars, applications for
professional school admission tests, information about study abroad,
specialist programmes and career planning. A career counsellor from the
St. George campus Career Counselling and Placement Center comes out to
the college once a week.

The University can sometimes be a lonely or confusing place, and
Student Services tries to provide a congenial, sympathetic atmosphere
where you can ask questions or discuss whatever is on your mind. If you
want to make an appointment, call 284-3292, or just drop in and see
who's around.

Housing

Construction is presently under way on a Scarborough College residence
which will house approximately 250 male and female students. The
residence will be in the form of townhouse units, each housing four or six
students (the majority of them in single rooms) who will share living,
kitchen and bathroom facilities. It is hoped that a portion of the residence
will be completed by the fall of 1973; students who wish to apply should
request an application from the Student Services Office, Room 541BC,
Scarborough College, 1265 Military Trail, West Hill, Ontario, M1C 1A4.

The student Services Office also has listings of accommodation in
private homes in the Scarborough area. These listings change so often that
they cannot be mailed out; students should come to Room 541BC in
August or early September for this information.

Ten small houses near the College are operated as a student co-
operative. For information and application, write to the Scarborough
College Cooperative Association, 1265 Military Trail, West Hill, Ontario,
M1C 1A4.

Some accommodation is also available for female students at the
Scarborough Regional School of Nursing, about one mile from the college.
Applications should be sent to Mrs. Jonson-Taylor, Scarborough Regional
School of Nursing, 2877 Ellesmere Road, West Hill, Ontario, M1E 4C1.

Students may also use the University of Toronto Housing Service at
49 St. George Street, Toronto, Ontario, M5S 1A1, if they wish to locate in the
downtown area.

Health Services

The Health Services offices are located on the third floor, Room 5304.
Medical care and advice is provided daily throughout the academic year.
A nurse is in attendance each day from 9:00 am to 5:00 pm. Physicians are available for clinical consultation by appointment on week days.

Sex and VD information, contraceptive advice and prescription, and counselling in the event of unwanted pregnancy are readily available.

A psychiatric service is provided at the college for consultation about emotional and personal problems, and for psychotherapy. The service is strictly confidential and is for all Scarborough College students. Many students utilize the psychiatric service to help resolve problems associated with personal growth and development, and to help with personal, family, social and emotional problems which may keep students from working effectively, or which may prevent enjoyment in relationships with others.

Appointments with Dr. Taylor Staton and members of the psychiatric staff may be made by calling 264-3303 or 928-2443, between 9:00 am and 5:00 pm. There is a psychiatrist on emergency call after 5:00 pm who may be reached by calling the St. George Street Intensive Care 928-2458.

At times when the Health Services are not open, students living away from their homes may obtain telephone advice from attending college physicians through their offices: Dr. T.W. Fox 267-1605, and Dr. A.M. Breen 439-3471.

The Health Services recommend:
1. Medical examination for all students participating in competitive athletics.
2. Vaccination for Tetanus Toxoid and Salk Polio Vaccine at five-year intervals.
3. Tuberculin Testing or Chest X-ray for all students at intervals of four to five years.
4. Medical and Hospital Insurance coverage preferably through the Ontario Health Insurance Plan (OHIP).

Athletics

The students of Scarborough College have excellent opportunities for participation in athletics and recreation. First, they can enjoy the benefits of a full programme on the Scarborough Campus which they help to plan and administer through the Executive of the Scarborough College Athletic Association. Second, as members of the University of Toronto community, they may also take part in any of the athletic and recreational activities offered at the St. George Campus.

Until the fall of 1972 there were no indoor recreational facilities at Scarborough College. However, with the recent completion of an extension to the present college buildings, there is now available to our students and staff a large gymnasium measuring 144 x 120 feet, large enough to accommodate any indoor game, including 9 regulation size tennis courts. There are also squash courts, a large studio for rhythmic, dance, karate, fencing, judo etc., a very modern weight-training room, 2 saunas and locker and shower rooms. All this makes a fine addition to our excellent outdoor facilities which include football fields, 4 tennis courts and facilities for our sailing club.

The new additions are particularly welcome because they greatly assist in the achievement of our programme aims — free participation in a variety of activities, and opportunities for learning new, interesting sport skills which can be used after graduation.

A handbook containing detailed information regarding the athletic and recreation programme will be available in the fall.

Application and Admission

Full details of the University of Toronto Undergraduate Admission requirements and application procedures are contained in the Undergraduate Admission Handbook 1973-74 (for students presenting Canadian qualifications) and the Undergraduate Admission Bulletin 1973-74 (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, Toronto, Ontario, MSS 1A3.

Application Procedures

Candidates currently enrolled as full-time students 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 interests in Scarborough College and giving full details regarding their academic standing.

Basis of Admission

The basis of admission for applicants whose Grade 13 programme was undertaken in 1972-73 is outlined below: candidates who completed Grade 13 in 1971 or previously should present a seven credit programme. Entrance to a first year of study in the undergraduate programme is offered to candidates from Ontario Secondary Schools who demonstrate good standing, based upon the following evidence:

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

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

Mature Students (Non-Matriculants)

Applicants twenty-three years of age or over, residents of Ontario for at least one year, who have a sound academic record, will be considered for admission as mature students upon completion with high standing of one of the Pre-University courses offered by the Division of University
Extension. Persons wishing to apply as mature students should consult the Office of Admissions about their eligibility before undertaking one of the Pre-University courses, since successful completion of a Pre-University course does not in itself ensure selection. Such students are admitted on academic probation (Please consult page 25).

Pre-University Courses
These courses are designed to assist persons who wish to be considered for admission to the University of Toronto as "non-matriculant" students or who desire preparation for more advanced courses. They are similar to Grade 13 courses, but demand performance at the level that will be expected of applicants in the first year of University study.

Courses are offered in English, History, Mathematics, Physics and Chemistry. The fee is approximately $100 per course. A brochure giving additional information is available upon request from the Division of University Extension, 119 St. George Street, University of Toronto, Ontario, MSS 1A3.

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, 1973 Applications for the Summer Evening Session.

Counselling
Applicants who have any questions or problems are invited to contact Mrs. L. Gordon, Admissions Adviser, Office of the Associate Dean and Registrar, Scarborough College, (284-3359).

Course Selection
a) New Students.
As soon as an applicant has been admitted and has accepted his offer of admission, he or she will be able to plan his or her programme. All new students are required to choose their courses in person with the help of one of the college counsellors. To this end, the Office of the Associate Dean and Registrar is open on some evenings in the summer months in addition to the regular daytime hours. Detailed information is sent to all admittees.

b) Currently registered students.
Current full-time students will receive course selection information for the 1973-74 academic year in March, 1973. In addition to being strongly advised to seek counselling from the staff of the College, students will be required to have their course selection form signed by their Faculty adviser before it is handed in to the Office of the Associate Dean and Registrar. Current part-time students will continue, as in the past to receive and complete their course selection by mail.

c) Course changes and dates
New course selections and changes to existing course selections will be accepted until Friday, 10 August, 1973. No course changes will be accepted between 10 August and the first day of term, Monday, 10 September, 1973. Students who have not made their course selection by 10 August, 1973 will be required to do so during Registration.

Registration
When a student registers he or she pays his or her fees and receives a) a library and registration card, b) his or her course selection confirmed c) a personal timetable. Registration information will be mailed to all students.

Course changes
1. Course change forms are used
   a) in order to enter a course after term has begun, as the permission of the instructor is required for all students.
   b) in order to change the section within the same course, when the section change is recorded and the signature of the instructor obtained.
   c) in order to withdraw from a course but the signature of the professor is not required.

2. Students must register for second term half-courses in the Winter Session in September. Students are permitted to add a second term half-course, with the Instructor's permission, until Jan. 25.

3. Students are urged to consult the academic calendar at the beginning of this book to acquaint themselves with the dates by which courses may be added or dropped.

Counselling
Students are reminded of the many sources of information and advice available to them: the members of the Faculty (particularly their Faculty Advisers), the Student Services Office (5418, phone 284-3292) and the Office of the Associate Dean and Registrar (4th level Science Wing – phone 284-3300 or 284-3127).

Fees
Fees for the 1973-74 session had not been established at the time of writing.

Fees schedules, along with complete information about payment of fees will be mailed to each student.
Course Selection and Programmes of Study
1. Students are advised to register in at least one A-level course in each of at least two divisions within the first ten courses selected.
2. Students should attempt to arrange their programmes so as to include advanced work in some area based on early studies. This can be done by registering in at least two C-level courses in the first fifteen courses and in at least four C-level courses in the first twenty courses.
3. Students are encouraged to include in their programme of study some instruction outside of formal courses. Where appropriate, students should include in their degree programme an Individual Study Project, equivalent to at least one half-course, and related to their other studies.

Certification of Programmes on Transcripts
If a student has completed a programme satisfying a predefined pattern as stated in the Calendar, he or she can arrange to have certification of the programme entered on the transcript by application to the appropriate divisional office. A student can also request certification of a programme not predefined in the Calendar; in this case the student should apply to the Curriculum Committee through the Office of the Associate Dean and Registrar to have an appropriate form of words added to the transcript. Alternatively, students may elect to choose a programme not predefined in the Calendar without requesting certification.

Requirements for Standing
Students of Scarborough College are permitted to proceed towards a degree at a rate of their own choosing except that a maximum of six full courses can be taken in the winter session for credit, and a maximum of two full courses in the summer session. The usual maximum course load for a student in the winter session is five full courses, although a 3.5 or 4 course load is permitted if the student feels it is necessary to his or her programme. Each student plans his or her own programme by combining together any number of courses or half-courses up to the maximum stated above subject only to the following:
(a) All stated prerequisite and corequisite requirements shall be satisfied.
(b) Any two half-courses are equivalent to one full course; they may be from different disciplines.

Fifteen-Credit Programme and Requirements for the Fifteen-Credit Degree
The requirements for the degree are presently being reviewed and will be re-written in a form appropriate for an academic programme which permits students to proceed toward a degree at a rate of their own choosing. Please contact the Office of the Associate Dean and Registrar for further information.

Twenty-Credit Programme and Requirements for the Twenty-Credit Degree
The requirements for the degree are presently being reviewed and will be re-written in a form appropriate for an academic programme which permits students to proceed toward a degree at a rate of their choosing. Please contact the Office of the Associate Dean and Registrar for further information.

Probation, Suspension and Refusal of Further Registration in the College
1. A student will be placed on probation if:
(a) he or she fails two or more courses in any session.
OR
(b) at the end of any session (Winter or Summer) in which the fourth course is attempted, the student has obtained a grade of C (or higher) in fewer than 50% of his or her course attempts since beginning studies leading to the degree. Under these circumstances the student will be warned that he or she must gain the required 50% of C's by the end of the next comparable academic session, or, in the case where that is impossible, must obtain a C (or better) in any course attempted until such time as the 50% requirement has been satisfied. In assessing the student's status at the end of the next comparable academic session, all courses attempted in the session will be counted as well as those courses from previous sessions in which the student has standing.
OR
(c) at the end of any session (Winter or Summer) subsequent to that in which the fourth course is attempted, the student has obtained a grade of C (or higher) in fewer than 50% of the courses attempted during the session, plus those from previous sessions in which the student has standing. Under these circumstances, the student will be warned that he or she must gain the required 50% of C's by the end of the next comparable academic session, or, in the case where that is impossible, must obtain a C (or higher) in any course attempted until such time as the 50% requirement has been satisfied. In assessing the student's status at the end of the next comparable academic session, all courses attempted in the session will be counted as well as those courses in which the student has standing from previous sessions.
2. A student will be suspended from the College for one calendar year if:
(a) while on probation he or she fails two or more courses, or
(b) he or she does not (re)gain the required 50% of C's within the specified period on probation.
3. A student will be suspended from the College for three calendar years if:
(a) he or she fails six courses.
(b) He or she fails to satisfy the requirements for a three-year degree in his first twenty attempts.

(c) While on probation a second time he or she

(i) fails two or more courses, or

(ii) does not regain the required 50% of C's.

(d) After return from a one-year suspension he or she

(i) fails two or more courses in any session, or

(ii) fails to recover the required 50% of C's by the end of the session, or, in the case where that is impossible, fails to obtain a C (or higher) in any course attempted until such time as the 50% requirement has been satisfied.

4. A student who wishes to return to studies in the College after having incurred a three-year suspension may, after the period of suspension has expired, enroll in any one session in two courses which he has not previously attempted. If he or she obtains an average grade of B in the two courses, and not less than C in either, he or she will retain credit for these and for all courses in which he or she was previously successful, and he or she may re-enroll to complete the remaining courses required for the degree or the condition that he or she records no failures. A failure in a course after return from a three-year suspension, or failure to obtain the specified level of performance in the first two courses attempted after such a suspension, will result in refusal of further registration in the College.

5. A special student whose record is unsatisfactory may be refused further registration in the College.

General Regulations for Standing

(a) The Winter Session

(i) A student in attendance at University for the first time may withdraw from a first term course until October 15, from a year course until February 1, and from a second term course until February 1.

(ii) All other students may withdraw from a first term course until October 15, from a year course until November 15, and from a second term course until February 1.

(iii) A student may withdraw from the College without academic penalty up to February 1. However, if the student were to withdraw before the end of the first term but after Oct. 15, failure would be noted in any first term course. If the student were to withdraw after the end of the first term, credit would be retained for any first term half-courses completed and failure noted for any first term half-courses failed.

(b) The Summer Evening Session (1973)

A student may withdraw from a first term (F) course until June 8, from a full course (Y) or an H course until June 30, and from a second term (S) course until July 27.

(c) The Summer Day Session (1973)

A student may withdraw from an F course until July 13, from Y and H courses until August 1, and from an S course until August 3.

Standing In A Course

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

<table>
<thead>
<tr>
<th>Marks</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>80% - 100%</td>
<td>A</td>
</tr>
<tr>
<td>70% - 79%</td>
<td>B</td>
</tr>
<tr>
<td>60% - 69%</td>
<td>C</td>
</tr>
<tr>
<td>50% - 59%</td>
<td>D</td>
</tr>
<tr>
<td>below 50%</td>
<td>Fail</td>
</tr>
</tbody>
</table>

In addition to the above, a final average of B+ (77-79%) may be awarded.

In the case of half-courses, standing must normally be obtained in each half-course attempted. Marks in two half-courses may not be averaged to produce standing in an equivalent whole course, except where the Division(s) concerned specify beforehand that this will be permitted for particular and stated combinations of two half-courses.

The method of arriving at a final mark for each B- and C-level course (or half-course) will be decided by the Division offering the course. The final mark in the A-level courses will normally be made up of a term mark and an examination mark, with the restriction that not less than one-third nor more than two-thirds of the final mark will be based on term work. Final examinations will normally be held in A-level courses, and requests for exemption of courses from this regulation shall be brought before the College Council.

Aegrotat Consideration

If the ability of a student to complete a course or half-course is affected by illness or domestic problems occurring after the final date for withdrawal from the course (or half-course), a petition may be made through the Associate Dean and Registrar. If there are adequate grounds for the petition, the Division concerned will determine the status of the work done by the student and the steps, if any, that he or she must take in order to complete the course.

Such a petition must be filed on or before the last day of the relevant final examination period, together with a medical certificate which includes a statement that the candidate was examined at the time of illness, or other evidence to support the petition.

Petitions for Exception from the Rules

In cases involving unusual circumstances students may be granted exceptions to any of the academic regulations of the College. Such petitions are considered by the College Committee on Standing. Students desiring to enter such petitions should consult the Associate Dean and Registrar, Room 5414-C, telephone 3124, or the Assistant Registrar (Student Affairs), Room 5416, Telephone 3139.
Examinations
Attendance and Examinations
Students proceeding to the degree are required to attend the courses of instruction and the examinations in all subjects prescribed. A student whose attendance at lectures or laboratories or whose work is deemed by the College Council to be unsatisfactory, may have his or her registration cancelled at any time by the Council.

Students may not rewrite an examination in a course in which they have standing.

The Annual Examinations
The annual examinations are held in late April and early May; final examinations in first-term courses are held in December.

The August Examinations
The August examinations are held in the week following the conclusion of the summer session classes. They are open to students enrolled in the Summer Session and to students eligible to write supplemental or deferred examinations.

Candidates who are permitted to write supplemental or deferred examinations must submit a completed printed form of application to the Office of the Associate Dean and Registrar by July 10. After this date an additional fee of one dollar per day to a maximum penalty of $20 must be paid. No application will be accepted after July 31. They may write these examinations at the places listed above as outside centres. Such candidates must make application for this privilege before July 10 and must pay the special fee.

Candidates for the August examinations at outside centres must notify the Office of the Associate Dean and Registrar before August 1 if they do not wish to write one or more of the subjects for which they applied; otherwise the fee will be forfeited.

Supplemental Examinations
Students with standing in fewer than 4 full courses at the beginning of a given academic session may write a supplemental examination in one A-level course if they have a term mark in that course of at least 60%. Failure in a supplemental examination will not count as a second failure.

No other students will be permitted to write supplemental examinations in A-level courses and none will be offered in B- or C-level courses.

Academic Records
Degrees
Students are permitted to qualify for only one degree (Bachelor of Arts or Bachelor of Science).

A student who qualifies for a Bachelor of Arts or Bachelor of Science degree after obtaining standing in twenty full courses will graduate and receive his or her Diploma at that time unless he or she has already done so after obtaining standing in fifteen courses.

Transcripts
Copies of a student's transcript of academic record will be issued at his request, subject to reasonable notice and a nominal copying fee. Requests should be submitted in person or by writing to the Office of the Associate Dean and Registrar,Scarborough College, 1265 Military Trail, West Hill, Ontario (telephone 264-3300).

Checking of Marks
It is a policy of the College that no examination papers or essays will be re-tested or re-evaluated after results have been issued. Examination papers are re-read in each examination in which a mark of less than 50 percent has been assigned, and no appeal will be considered for further re-reading of such papers. Papers in which at least 50 percent has been obtained will not be re-read.

All results are carefully reviewed before being released. However, the clerical work involved in the Office of the Associate Dean and Registrar will be checked if a petition is submitted through the Associate Dean and Registrar with a fee of five dollars per course. This fee will be refunded if an error is found.

Plagiarism-Advice for Essay Writers
Plagiarism is the act of presenting the ideas or words of another as your own. While it may be argued that few ideas are original, instructors expect students to acknowledge the sources of ideas and expressions that they use in essays. To represent them as self-created is dishonest and academically worthless.

You may quote or paraphrase another writer if he has stated an idea strikingly, as evidence to support your arguments or conclusions, or as a point against which to argue, but such borrowing should be used sparingly and always indicated in a footnote. The aim of scholarship is to develop your own ideas and research and only by trying to develop your own thoughts and arguments will you mature academically.

To provide adequate documentation is not only an indication of academic honesty but also a courtesy enabling the teacher to consult your sources with ease. Failure to do so constitutes plagiarism which is subject to serious academic penalty.
Summary of regulations of the Caput Concerning Student Discipline*  

Subject to the general regulations of the Caput of the University regarding jurisdiction in matters of discipline, the Council of University College, the governing bodies of the Federated Universities and Affiliated Colleges, and the Councils of the Faculties, Schools, and Institutions have disciplinary jurisdiction over the conduct of all students registered in these Divisions of the University in all matters of local or internal concern to the Divisions. Jurisdiction over the conduct of students while in residence regardless of the Division of the University in which they are registered is vested in the body administering the residence.

Where the appropriate body exercising disciplinary jurisdiction has found that a student of the University has engaged in conduct prejudicial to the interests of the University, the Caput may, in its discretion, suspend or expel such student from the academic privileges of the University. Every decision of the Caput involving the expulsion of a student from the University requires confirmation of the Governing Council.

The constitution of every society or association of students in the University and all amendments to such constitutions require to be approved by the relevant University authorities. The giving of approval, and the responsibility for the programmes of student societies and associations, shall rest as follows:

1. With the authorities of the College, Faculty or School concerned where the membership of the student society or association is drawn from a single College, Faculty or School.
2. With the Board of Stewards of Hart House, where the student society or association is a Committee of Hart House and is controlled by the Board of Stewards of Hart House.
3. With the Caput, in the case of all other student societies and associations.

*As of 1972-73. A committee of the Governing Council began in the fall of 1972 to examine the whole question of non-academic discipline at the University of Toronto, and it is expected that a new or significantly amended set of disciplinary structures and principles will be introduced in the session 1973-74. Inquiries should be directed to the Office of the Associate Dean and Registrar, Scarborough College, or to the Office of the Vice-President (Internal Affairs), Simcoe Hall.

Course Descriptions  
Winter Session 1973-74

Course Explanation

1. The letters 'A', 'B', and 'C' prefixed to the course numbers indicate levels of complexity and degrees of specialization, 'A' indicates an introductory course, while 'B' and 'C' indicate more advanced levels of study. Please refer to the section on Academic Regulations concerning the number of 'A', 'B' and 'C-level courses required in each programme of study.

2. The letters 'Y', 'F', 'L', and 'H' indicate respectively Fall Year, Fall Term Half, Spring Term Half and Year-Long Half Courses.

Thus, ANTA01Y reads:

<table>
<thead>
<tr>
<th>ANT</th>
<th>discipline designation</th>
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<tbody>
<tr>
<td>01</td>
<td>introductory level</td>
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<tr>
<td>01</td>
<td>course number</td>
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<tr>
<td>01</td>
<td>full year course</td>
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</table>

3. Supervised Reading Courses.

Students in reading courses usually work under the direction of a staff member with whom they meet periodically to discuss their reading, their progress, etc. They may also meet occasionally with other students doing similar reading. Students should consult instructors in the various disciplines for details of requirements in each discipline offering supervised reading courses.

4. Supervised Research Courses.

Students in supervised research courses usually work under the direction of a staff member with whom they meet periodically in whose laboratory they work. Students should consult instructors in the various disciplines for details of requirements and arrangements in each discipline offering supervised research courses.

5. Independent Study Courses.

Students in independent study courses usually work under the direction of a staff member with whom they meet periodically. A topic for independent study is normally chosen after consultation between student and staff members. Students should consult instructors in the various disciplines for details of requirements and arrangements in each discipline offering independent study courses.

6. PLEASE NOTE THAT WRITTEN PERMISSION FROM THE INSTRUCTOR IS THE ONLY ALTERNATIVE TO THE PRE-REQUISITES LISTED, AND MUST BE ATTACHED TO THE COURSE SELECTION FORM.
Anthropology is the study (or science) of man, dealing with the origin, development and nature of man and his culture. As such it is concerned with human phenomena in the widest possible terms, both biological and cultural. It differs from other social sciences in its comparative and historical approach, examining man today and in the past, as part of Western Civilization and in relatively small-scale non-literate societies. From this vantage point Anthropology attempts to arrive at an understanding of the common factors underlying human existence and to isolate the causes that have led and continue to lead to social and cultural change (and the differences between peoples and cultures).

Because of the vastness of its subject matter, Anthropology traditionally is divided into four sub-fields: Social-Cultural Anthropology, Prehistoric Archaeology, Physical Anthropology and Anthropological Linguistics. At the present time Scarborough College offers courses in the first three only, although the Humanities Division presents several courses in Linguistics. Students wishing to concentrate in Anthropology are advised to consult with a member of the staff, to take at least one course in each of the four subfields (as well as the ANTA01 Introduction) and to obtain as broad an academic background as possible before proceeding toward the specialization of graduate study.

Students should also consult listing under:
NSCA03 Quaternary Environments and Man

ANTB01Y Introduction to Anthropology
Full Course
An introduction to the fields of Anthropology through which the student will obtain the anthropological view of the nature and diversity of man. The first term takes up Physical and Prehistoric Anthropology concentrating on the biological basis and the evidence for 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. Members of the faculty

ANTB01F Cultural Ecology
Term Half-Course
A discussion of the relatable interrelationships of human populations differing in culture, social organization and technology and their environment, in four broad subdivisions: systems of food production, patterns of disease, ecological aspects of warfare and anthropological demography. Cases will be drawn largely from non-industrialized societies. R. Knight
Prerequisites: ANT01

ANTB02S Anthropological Study of Religion
Term Half-Course
A cross-cultural study of systems of belief and myths concerning spiritual beings and the cosmos; of social actions, rights, and obligations arising out of man’s postulated dependence on such beings; and of magic, curing, witchcraft and sorcery. E. Schwimmer
Prerequisites: ANT01

ANTB03S The Americas: An Anthropological Perspective
Term Half-Course
The origin and development of Native cultures in the New World, with particular emphasis upon changes due to European contact. Patterns of race in the Americas, with emphasis on Latin America. R. Knight

ANTB04S The Canadian Indian Today
Term Half-Course
Canadian Indian communities as they have developed during the last twenty-five years in isolated areas, on reserves, and in cities. The legal, political and economic position of the Indian population will be presented along with more detailed study of socio-cultural patterns in a range of communities. The comparison of Indian and certain other subcultures in Canada and consideration of the analogous positions of native peoples in certain other countries. R. Knight
Prerequisites: ANT01

ANTB05S Social Anthropological Study of Africa
Term Half-Course
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. C. Hopen
Prerequisites: ANT01

ANTB06F Cultures of Oceania
Term Half-Course
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. E. Schwimmer

ANTB07S Comparative Slavery
Course not offered in 1973-74.

ANTB08F Anthropology of Development
Term Half-Course
An analysis of problems of development and underdevelopment in the world, including the problems connected with "Secondary Development" in industry and politics. V. Warner

ANTB09S History of Ethnological Theory
Course not offered in 1973-74.
Half-Prerequisites: ANT A 01
Course

[ANT B 15 F] Cultural Evolution
Course not offered in 1973-74.

[ANT B 19 F] Introduction to Political and Economic Anthropology
Term
Half-
Course

[ANT B 20 Y] Introduction to Social Organization
Term
Half-
Course

[ANT B 21 F] Cultures of North America
Term
Half-
Course

[ANT B 2 2 Y] Primate Behavior
Term
Half-
Course

ANT B 15 Y Introduction to Physical Anthropology
Term
Half-
Course

ANT B 17 S Complex Societies
Term
Half-
Course

ANT B 13 Y Methods and Principles of Archaeology
Full Course

ANT B 14 F Human Evolution
Term
Half-
Course

ANT B 18 S Man in the Holocene
Term
Half-
Course

ANT B 2 3 Y Comparative Mythology
Term
Half-
Course

ANT B 2 4 Y Comparative Study of Group Cultures
Term
Half-
Course

ANT B 25 Y Introduction to North American Prehistory
Term
Half-
Course

Prerequisites: ANT A 01

Prerequisites: ANT A 01, ANT B 15 or BIO 14

Prerequisites: ANT A 01, ANT B 15 or BIO 14

Prerequisites: ANT A 01 or ANT B 14

NOT OFFERED 73-74

Prerequisites: ANT A 01 or PSY A 01 or BIO A 03

Prerequisites: ANT A 01 or SOC A 01

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

ANT B 15 Y Introduction to Physical Anthropology
Introduces to Physical Anthropology surveys man's place in nature: his origin (fall) and ongoing evolution (spring). Basic to the course is an understanding of the Synthesis Theory of Evolution and the principles, processes, evidence and application of the Theory. Three hours of laboratory per week acquires the student with the methods and materials utilized by the Physical Anthropologist. G. Ellis

ANT B 17 S Complex Societies
An examination of the different forms of social structure and cultural variation in modern complex societies, as well as analysis of how they change.

ANT B 13 Y Methods and Principles of Archaeology
Techniques of data collection and analysis. The course emphasizes learning by doing, with full weekend excavations at local sites. In the second semester, a major paper is prepared on actual artificial material. M. Latte

ANT B 14 F Human Evolution
An analysis of the phylogeny of man. The issues and controversies that form the theoretical framework to the understanding of the fossil evidence. Readings substitute for a single text. Class discussion and presentation of assigned readings are expected. Laboratory sessions permit the student to examine fossil cast materials. L. Williams

ANT B 20 Y Introduction to Social Organization
Kinship is to Anthropology what logic is to Philosophy or the mode 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. C. Hapen

ANT B 21 F Cultures 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 single sample of Indian societies as described in the ethnographic present (3 to 500 years ago). R. Knight

ANT B 22 Y Primate Behavior
A general review of primate behavior in its ecological setting. K. Burton

ANT B 23 Y Comparative Mythology
This interdisciplinary course deals with the nature of myth from the viewpoint(s) of Anthropology, Philosophy, Linguistics, Psychology and comparative literature. It also deals with myth as it is generated in modern society and in a political context. E. Schwimmer

ANT B 24 Y Comparative Study of Group Cultures
This will be a study of Task groups, households, teams, crews, committees, councils, etc. in reference to their control of energy, information and power in communities. T. McFoit

ANT B 25 Y Introduction to North American Prehistory
An overview of New World prehistory with an emphasis on cultural developments in North America. It will deal with the first men in the New World, the development of hunting bands the "New World
Astronomy
Astronomy is one of the most challenging and dynamic areas of Science. It is basically man’s attempt to gain an understanding of his place in the sidereal universe, ranging from the planetary system in which he lives to the most distant galaxies and quasars which can be seen only as they were before men walked the earth.

The advent of the “space age” has led to an increasing impact of astronomical discoveries both on other fields of Science, and on various aspects of public life. The full extent of astronomical topics is covered at an introductory level in ASTA02 (for Science students) and ASTA03 (for non-Science students). Selected topics in Astrophysics are dealt with at a more advanced level in ASTB01 and ASTC01, while ASTC10 presents, in detail, Einstein’s general theory of relativity and some of its applications.

ASTA02Y A Survey of Astronomy and Elementary Astrophysics
A survey course covering all aspects of modern Astronomy, and designed for students who are either taking a science programme or who have a background of Grade 13 Physics and Mathematics. The following topics will be covered: the solar system in detail, including the most recent space vehicle investigations, theories of the evolution of stars; radio and optical studies of the Milky Way; the discovery and significance of molecules in space; external galaxies; radio astronomy; radar astronomy; quasars and their significance; cosmology; pulsars; current satellite-born infrared, ultra-violet and x-ray observations, and some recent discoveries by these new observational methods. P.C. Muir
Prerequisites: Grade 13 Functions and Relations; Grade 13 Physics

ASTA03Y Astronomy: Its History and Significance
A course designed primarily for students with a non-science background which contains a description of the extra-terrestrial universe and of the methods used (past and present) to explore it. In addition to a survey of basic Astronomy, this course will also emphasize the history of man’s evolving view of the universe. In the latter part of the course some possible effects of the space effort on contemporary society at the individual, national and international level will be analyzed. At the beginning of the course the early ideas on the cosmos will be discussed, from the Egyptian and Greek ideas up to the time of the Renaissance. The interrelation between ideas and discoveries about the universe and important historical epochs such as the Reformation, the Industrial Revolution, and 20th century technology will be discussed. These aspects of Astronomy, both its history and its present impact, will be combined with a description of all aspects of Astronomy including the latest discoveries of radio and satellite based Astronomy. A minimum of Mathematics will be used and a number of essays connected with the topics above will be required for term work. P.P. Kronberg
ASTB01Y Topics in Astrophysics
This course stresses the application of Physics and Mathematics to astronomical problems in five main areas: Physics of the Solar System; Radio-astronomy; The Structure and Evolution of Stars; The Structure and Evolution of the Solar System; The Structure and Evolution of the Universe. R.C. Reader
Prerequisites: PHYA01, MATA01 or MATA26 or MATA55
Corequisites: MATA41

ASTC01H Readings in Astrophysics
See Calendar Page 51.
Prerequisites: ASTB01

ASTC10Y Relativity and Cosmology
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHYC10] A brief review of the special theory of relativity, and of the mathematical background of general relativity theory. General relativistic field equations in free space and in the presence of matter, gravitational radiation, cosmological theories and observations.
Prerequisites: MATH46, PHYC03 or PHYB13

Biological Sciences
The study of plants and animals (including man) 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. In addition to their fundamental significance, studies of plant form and function have many practical applications, such as the development of improved crops, drugs, and extracts. The inter-relationships of plants, animals, and non-living influences - the discipline of ecology - is central to many of the problems confronting mankind.

A simple guide to the recommended course patterns in biology and related subjects is available at both the office of the Associate Dean and Registrar and the office of the Chairman, Life Sciences (286-3291).

Students should also consult listing under:
NSCA02 Introduction to Natural Science: The Biological Sciences
NSCA03 Quaternary Environments and Man
NSCA01 Behaviour Biology: Seminar in Psychology

X BIOA03Y Introductory Biology
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOA01 AND BIOA02] This course is designed for students who intend to pursue further courses in biology or other natural sciences.

BIOB01Y Basic Microbiology
The general properties of bacteria, their structure, function and relationship to man, employing selected organisms to demonstrate their significance in industry and the health sciences. The latter part of the course presents a survey of bacterial and animal viruses, rickettsias and fungi. V. V. Kingsley
Prerequisites: BIOA01 or BIOA02 or BIOA03

BIOB03S Ecology and Physiology of Algae
A lecture and laboratory course on the physiology of algae. Emphasis will be placed on factors which affect the occurrence, distribution and seasonal fluctuations of algae in freshwater and marine habitats. C. Spragling
Prerequisites: BIOA03
Corequisites: BIOB13 is recommended

X BIOB05Y Genetics
A lecture and laboratory course in cytogenetics and the genetics of bacteria, fungi and Drosophila. M. Filoso
Prerequisites: BIOA01 or BIOA02 or BIOA03

X BIOB06Y Plant Physiology
A basic lecture and laboratory course on the general physiology of plants. G. Israealtam
Prerequisites: BIOA01 or BIOA03

BIOB08Y Invertebrate Zoology
A lecture-laboratory course dealing with the anatomy, taxonomy and evolution of invertebrate animals, from protozoa to protochordata, with special reference to the parasites of humans. F. Urquhart

BIOB11Y Animal Populations and Evolution
A study of the process of heritable changes in animal populations with special regard to population genetics, population dynamics and species diversity. I. M. Campbell
Corequisites: BIOB05

BIOB12Y Fundamentals of Ecology
A lecture and laboratory course, with some field work, on the
Full Course relationship between organisms and their environment, with emphasis on terrestrial ecosystems. M. Montani

BIOB13Y Plant Structure and Development
A lecture and laboratory course dealing with the structure and development of cells, tissues and organs in seed plants. Each student will be required to do an individual microtome project. R. Denger

BIOB15Y Aquatic Systems
A lecture course with optional topical seminars and/or field work on the ecology of ponds, lakes and rivers, with special reference to energy transfer in these ecosystems. M. Manuanti, C. Sparling
Prerequisites: BIOA01 or BIOA02 or BIOA03
Corequisites: BIOB12 recommended

BIOB17Y General and Comparative Physiology
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB09] The function of cells and of the organ systems which have evolved to control the environment of the individual cell within the organism. Topics include: (1) Body fluids and circulation, (2) ionic and osmotic balance, (3) Excretion, (4) Gas exchange, (5) Nerve and muscle physiology. Much of the comparative material deals with invertebrate forms. C. Goud
Prerequisites: BIOA01 or BIOA02 or BIOA03
Corequisites: CHMB05, BIOB18F recommended but not essential

BIOB18F 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. G. Ishfam
Prerequisites: BIOA01 or BIOA03, CHMA01
Corequisites: CHMB05 is recommended but not required

BIOB19S Biology of Macromolecules
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB03] The basic concepts of the molecular biology of the gene - key experimental observations. Main topics will be mechanisms of gene replication and regulation of gene activity in higher and lower organisms. Students will receive laboratory experience in the use of a range of molecular biology techniques. I. Brown
Prerequisites: BIOA01 or BIOA02 or BIOA03
Corequisites: CHMB05 recommended but not essential

BIOB20F Cell Ultrastructure
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB04] Current concepts in animal and plant cell ultrastructure.

Half Course with particular reference to the interpretation of cell components as they appear in electron micrographs. R. Denger, J. Yuasa
Prerequisites: BIOB16 or BIOB13

BIOB21Y Marine Biology
A lecture-laboratory course dealing with Marine Biology presented at the Huntsman Marine Laboratory, St. Andrews, New Brunswick.
Topics covered: Oceanography, plankton biology, seabirds, Fishery, Benthos ecosystems, Organic Carbon Cycling, Ecology of Rocky Shores, Seaweeds, Physiology of marine animals. F. Uebelhart
Prerequisites: BIOA03, BIOB08

BIOB22Y Comparative Vertebrate Morphogenesis
[MAY NOT BE TAKEN IN THE SAME DEGREE PROGRAMME AS BIOB03 AND BIOB07] The structure of vertebrate body systems with reference to their embryological development and evolution. This course compares the development of organ systems of representative vertebrates from the fertilized egg up to and including the adult individual. J. Yuasa, C. Goud

BIOB23Y Developmental Biology
[NOT TO BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB07] The study of the morphological change and underlying molecular and cellular processes which occur during the life history of an organism. An analysis of development in a wide variety of organisms ranging from the unicellular to the multi-cellular. Particular reference will be given to the concept that regulation of gene activity is fundamental to development. I. Brown, R. Denger, M. Flower
Prerequisites: BIOA01 or BIOA02 or BIOA03

BIOB24Y Plant Kingdom
Course not offered in 1973-74. A lecture and laboratory course on structure, reproduction and phytology in the major groups of living and extinct plants. R. Denger

BIOB25S Structure of Bacteria
The morphology and ultrastructure of bacteria. Practical experience is given in various techniques used in the elucidation of bacterial structure. I. V. Kingley
Prerequisites: BIOB02
Corequisites: CHMB05, BIOB20 recommended

BIOB26F Field Course in Aquatic Biology
Physical, chemical and biological aspects of various aquatic habitats, will be studied intensively in a 2 week period of laboratory and field work, supplemented by lectures and discussion groups. Limited enrolment - 20. M. Mantani, C. Sparling
BIOB27Y Comparative Vertebrate Histology
Prerequisites: BIOA03
Corequisites: BIOB15

Full Course
The structure of the cells, tissues, and organs making up the major body systems of a variety of vertebrates as revealed through the light and electron microscopes. Differences and similarities in structure of body systems will be discussed in relation to development, evolution, and function. J. Youss
Corequisites: BIOB26 and BIOB30 are highly recommended as corequisites for students with no prior experience in Biology.

BIOC11Y Supervised Study in Biology
Prerequisites: Satisfactory completion of 15 year-course equivalents, of which at least four must be Biological Science B-level courses

BIOC03Y Advanced Cell Metabolism
A seminar and laboratory course on current research in cell metabolism. G. Israelism
Prerequisites: Satisfactory completion of 15 year-course equivalents, including BIOB18

BIOC04Y Invertebrate Ecology
An advanced field-laboratory-seminar course dealing with invertebrate animals in relation to their environment. Field studies will include both terrestrial and aquatic (freshwater and marine) forms, at laboratories in both northern and tropical areas. F. L. Lupiphet
Prerequisites: Satisfactory completion of 15 year-course equivalents, including BIOB06; permission of instructor

*Applicants for registration in this course must be received on or before July 1 of the year it will be taken, to arrange for field studies. Students wishing to study tropical marine forms should have a knowledge of skin diving using basic equipment, for which a course is offered at Scarborough College.

BIOG05Y Advances in Developmental Biology
Prerequisites: At least one of BIOB07, BIOB13, BIOB16

BIOG06Y Introductory Biochemistry
Prerequisites: BIOA01 or BIOA02 or BIOA03; CHMB05

Canadian Studies
(CASA01Y Introduction to Canadian Studies
Course not offered in 1973-74. Representatives from various disciplines will take part in discussion of Canada as a distinctive unit from geographic, sociological, political-economic, literary and other points of view.

Chemistry
A sound knowledge of the fundamental concepts of Chemistry is useful to any student in the Physical or Life Sciences. The basic course in Chemistry is CHMA01 and must be taken by those who wish to take further Chemistry courses and should be taken by those who require Chemistry for another science.

Completion of CHMA01 permits students to take any of the B-level courses in Chemistry. These are divided according to the following sub-disciplines: Inorganic Chemistry (CHMB01), Analytical Chemistry (CHMB02), Organic Chemistry (CHMB05) and Physical Chemistry (CHMB03, CHMB04). Thereafter, one can proceed to the following advanced-level courses: CHMC01 (Inorganic), CHMC02 (Physical), CHMC03 (Organic) and CHMC06 (Biochemistry).

For those who wish to enrol subsequently in St. George 400 series courses, completion of the following groups of courses together with their corequisites and prerequisites, will ensure admission to the St. George courses indicated:

Scarborough Courses: St. George series
CHMA01, CHMB01, CHMC01
CHMA01, CHMB03, CHMB04, CHMC02
CHMA01, CHMB05, CHMC03
420
440 (except 447)

While courses in Physics do not appear among the prerequisites or corequisites of courses in Chemistry, students are urged to take PHYA01 or PHYA02 early in their programmes. Thus, the suggested first-year programme in Chemistry includes CHMA01, MATA35 or MATA24, and PHYA01 or PHYA02.

The following courses are also of interest to students in Chemistry and are particularly recommended to students whose interests tend to Physical or Theoretical Chemistry: MATA38, MATA40, MATA44, MATA46, MATA51, MATA53, MATA56, PHYB01, PHYB04, PHYB05, PHYC01.

CHMA01Y General Chemistry
Prerequisites: Chemical equilibrium in the gas phase and in solution; states of matter and equations of state; first and second laws of thermodynamics, thermochemistry, introduction to kinetic theory of gases and reaction kinetics; nuclear chemistry, atomic and molecular
structure, ionic solids; bonding in organic compounds. Members of the faculty.

Prerequisites: Grade 13 Chemistry, or Grade 12 Chemistry and permission of instructor.

Corequisites: MATB26 or MATB55

CHMBO1Y Inorganic Chemistry I

Full Course

Atomic and molecular structure, including energy levels, bonding, electronegativity, lattice energies, heats of formation and hydration.

Prerequisites: CHMA01

CHMBO2Y Analytical Chemistry

Full Course


Prerequisites: CHMA01

CHMBO3Y Physical Chemistry I

Full Course

A survey of spectroscopy and its application to the analysis of the structure of atoms and small molecules, the laws of thermodynamics, their experimental origin and molecular basis; reaction kinetics and its application to the analysis of reaction mechanisms. Applications of these concepts in various branches of Chemistry and Biology. R.R. Cavan

Prerequisites: CHMA01; MATB26 or MATB55

CHMBO4S Quantum Chemistry

Term Course

Introduction to quantum mechanics and its application to the formulation of theories of atomic and molecular structure and spectroscopy. R.R. Cavan

Prerequisites: CHMA02; MATB26 or MATB55

Corequisites: CHMB03; MATB41 or MATB55

CHMBO5Y Organic Chemistry I

Full Course

The chemistry of the principal functional groups encountered in aliphatic and aromatic compounds, interpreted in terms of reactivity, stereochemistry and reaction mechanisms. An introduction to organic spectroscopy will also be given. T.R. Lynch

Corequisites: CHMA01

CHMCO1Y Inorganic Chemistry II

Full Course

A study of transition metal Chemistry including oxidation state diagrams; atomic structure and energy levels; crystal field theory;

Course molecular orbital theory; a thermochemical and structural survey of divalent ions, trivalent and higher oxidation states, and low oxidation states, (i.e. carboxyl, nitrosyl, etc.) A. Walker

Prerequisites: CHMBO3

Corequisites: CHMB03

CHMCO2Y Physical Chemistry II

Full Course


Prerequisites: CHMBO3

Corequisites: MATB41 or MATB50, MATB55

CHMCO3Y Organic Chemistry II

Full Course


Prerequisites: CHMBO5

CHMCO6Y Introductory Biochemistry

Full Course

[MAY NOT BE TAKEN IN THE SAME DEGREE PROGRAMME AS BIOC06]. (Equivalent to BCH 320 given on the St. George Campus). See listing under Biology (BIOC06).

Prerequisites: BIOA01 or BIOA02 or BIOA03, CHMBO3

Classical Studies

A study of the Greek and Roman World is crucial to an understanding of Western Civilization. It is also an excellent area for the student who wishes to follow a programme involving different, but related disciplines. Courses in Classics and Greek and Roman History explore the cultural significance of the ancient world, its literature, its religion, its social and political history. In these courses all the source material is handled in translation. But language is an important ingredient in this cultural complex. And for those who wish to see this world at closer quarters, the courses in Greek and Latin provide an opportunity to learn the languages and to study the literary and historical texts in the original. For information about individual courses and programmes students are urged to contact members of the faculty. Professor J.N. Grant will be happy to meet with prospective students.

The following arrangements of courses are recommended as forming coherent programmes in Classical Studies:
Greek Studies
Core programme: three full courses in the Greek language (or their equivalent in half courses); GRHB01

Other courses chosen from: GRHB02, GRHB21, GRHB22, GRHB24, CLAB02, CLAB09, CLAB21, CLAB23, FANB21, HUMB21, HUMB22, HUMB24, HUMB25, HUMB41, LINB04, PHLB65, PHLB66

Roman Studies
Core programme: three full courses in the Latin language (or their equivalent in half courses); GRHB03

Other courses chosen from: GRHB02, GRHB23, GRHB24, CLAB02, CLAB03, CLAB09, CLAB21, CLAB23, HUMB21, HUMB23, HUMB24, LINB04

Greek and Roman Studies
Core programme: three full courses (or equivalent) in each of Latin and Greek; GRHB01, GRHB03

Other courses chosen from the lists above.

Students should consult listings under:
HUMB23 The Age of Augustus
HUMB24 Orphica: The Quest for Beauty
HUMB25 The Age of Honor
HUMB41 Women in Ancient Greece

Classics

[CLAB02Y] Greek and Roman Tragedy
Course not offered in 1973-74. Offered in Summer of 1973 only.
Full Course

[CLAB03F] Roman Love Poetry
Course not offered in 1973-74. Offered in Summer of 1973 only.
Term Course

[CLAB05F] 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. J. Grant
Term Course

[CLAB21Y] Greek and Roman Religion
Course not offered in 1973-74.
Full Course

[CLAB23Y] Christianity in the Graeco-Roman World
An examination of the relationship between Christianity with its Jewish origins and the Roman empire. E. Irwin
Term Course

Greek and Roman History

[GRHB01Y] History of Greece from 2000 B.C. to the Death of Alexander
As far as possible, this course will be studied through Greek authors (in translation). Principal topics include: The World of Homer, past and present; Evolution of Democracy; Sports, Ideal and Reality; Athens and Democratic Imperialism; Achievements of Alexander. A. Boddington
Full Course

[GRHB02Y] Greek and Roman History from the Death of Alexander to the Gracchi
A study of the emergence and evolution of the Hellenistic Monarchies after the death of Alexander, the development of Rome as a “World Power”, and the interaction of the Greek and Roman Worlds.
Full Course

[GRHB03Y] Roman History from the Gracchi 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 reconciliation of republican forms with military despotism and increasing bureaucracy. This course will emphasize close study of the primary sources, read in translation. A. Boddington
Full Course

[GRHB21Y] Greek Democracy
Course not offered in 1973-74.
Full Course

[GRHB22Y] The Greeks Overseas
The interaction of the Greeks with other races, and its impact on Greek culture; the role of the sea, in war and trade, in the history of Greece. A. Boddington
Full Course

Prerequisites: GRHB01 or permission of instructor
[GRKB23Y] Studies in Roman History
   Course not offered in 1973-74. The choice of subjects for study will
   be governed by the interests of the students and faculty involved.

[GRKB24F] Ancient Historiography
   Course not offered in 1973-74.

Term
   Half-
   Course

Greek

   X [GRKA01Y] Introductory Greek
   [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
   GRKO01] 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. E. Irwin

   Full Course

   [GRKB01F] Plato Apology, Lysis In Erotodoksiem
   In addition to the two texts to be read, there will be accompanying
   exercises to assist the student in further study of the Greek language.
   I. McDonald

   Term
   Half-
   Course
   Prerequisites: Grade 13 Greek or GRKA01 or GRKB01

   [GRKB11S] Homer Odyssey
   A reading of three books of the Odyssey with discussion of the
   nature and literary qualities of Homeric epic. M. Shaw

   Term
   Half-
   Course
   Prerequisites: GRKB01; HUMB17

[GRKB12S] Herodotus
   Course not offered in 1973-74.

   Term
   Half-
   Course
   Prerequisites: GRKB01

GRKB30F
   See Calendar, Page 31, E. Irwin

GRKB31F
   Prerequisites: GRKB11 or GRKB12

GRKB32F

GRKB33F

GRKB34F

Term
   Half-
   Courses

Latin

   X [LATB01Y] Introductory Latin
   [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
   LATB001] The purpose of this course is to acquaint the student with
   the essentials of the Latin language. Although the emphasis will be
   on language, selected texts will be read to introduce the student to
   Latin literature. On completion of the course a student will be
   equipped to proceed to LATB01 or LATB02. J. Grant

   Full Course

   LATB01F
   Catullus
   A selection of the works of Catullus will be read. The influences
   which affected Catullus, and his contribution to Latin poetry will be
   considered. I. McDonald

   Term
   Half-
   Course
   Prerequisites: Grade 13 Latin or LAT001 or LAT01

   LATB02S
   Catiline
   Sallust's Catilinarian Conspiracy and selections from Cicero's ora-
   tions in Catilinae will be read. The texts will provide an oppor-
   tunity of comparing two accounts of the same events from both a
   literary and historical viewpoint. I. McDonald

   Term
   Half-
   Course
   Prerequisites: Grade 13 Latin or LAT001 or LAT01

   [LATB22F] Horace
   Course not offered in 1973-74.

   Term
   Half-
   Course
   Prerequisites: LATB01

LATB30F
   See Calendar, Page 31, J. Grant

LATB31F
   Prerequisites: LATB01 or LATB02

LATB32F

LATB33F

LATB34F

Term
   Half-
   Courses
Commerce

This is the first year in which the College has offered a substantial number of courses in Commerce. Additional courses may be added in future years although there is no guarantee that a full program will be available in the immediate future.

Courses in Commerce will help students to develop the analytical abilities needed for solving problems and making decisions in business and government and for participating in and contributing to our society in general. The courses can be used as a foundation on which to build management and professional skills. The student is advised to supplement the Commerce courses with a course in Calculus and some basic courses in Economics — especially ECOA01, ECOA02, ECOB01, ECOB02, and ECOC08.

COMA01Y Financial Accounting

Full Course

May not be taken in the same degree programme as COM100. Basic theory and concepts which underlie the preparation of financial statements; development of double entry theory and practice; the accounting cycle from the recording of transactions in double entry form to the year-end entries and the preparation of financial statements; problems of measuring income.

COMB21F Management Accounting

Term Course

May not be taken in the same degree programme as COM221. This course introduces management control through case discussions and a computerized management game, and examines the relationship between cost, volume and profit, the elements of cost, overhead allocation, job order costs, process costs (including the problems raised by joint products and by-products), budgeting and predetermined costs (estimated and standard costs). Prerequisites: COMA01 or COM100.

COMB22X Information Systems and Control

May not be taken in the same degree programme as COM222. The course includes information system theory, control theory and practice, relevants costs, responsibility accounting, and a survey of selected management science techniques (with an introduction to linear programming, correlation analysis, and capital budgeting). Through case discussions, interrelationships between information and control systems, managerial style and human behaviour are established. Prerequisites: COMB21 or COM221.

COMB23Y Managerial Economics

Full Course

May not be taken in the same degree programme as ECOB25. This course focuses on the theory and operation of the firm. Linear and non-linear programming are studied as tools in the firm's decision process. Topics covered include: cost minimization, analysis for pricing decisions, inventory policy, capital and investment theory, analysis of risk and uncertainty.

COMC02Y Corporation Finance

Full Course

May not be taken in the same degree programme as ECOC02. An examination of the financial environment within which Canadian companies operate. The aim is to cover the main principles of financial management and to discuss the social and legal significance of the modern corporation. Prerequisites: ECOB01.

Development Studies

The systematic study of development is a fairly recent phenomenon, stimulated by the decline of formal colonialism since the end of World War II. The immense problems confronting newly-independent countries have spurred many sorts of scholarly investigation. Economists investigate patterns and means of economic development in order to discover how stagnant economies might attain self-sustaining growth. Sociologists and anthropologists study, among other things, processes of adaptation and resistance to new ways of life. Political scientists seek to uncover the permission effects of existing structures of domination and to suggest solutions to the crises of national disunity and political instability. Geographers examine the spatial dimensions of modernization. Historians tackle such questions as the meaning and heritage of Western imperialism in the underdeveloped areas. The study of development is not, however, restricted solely to third-world countries. Some scholars have investigated the generic problems of development
within backward or stagnant areas of so-called "developed" countries of the West as well.

Since the economic, social, cultural and political dimensions of underdevelop-
ment are inexorably intertwined, scholars with an interest in development have
been forced to admit the irrelevance of traditional disciplinary boundaries. As a
consequence, development studies have emerged as an area of convergence of the
subject matter of various social sciences and history. Economists, for instance now
generally concede that the possibilities for economic development cannot be fully
assessed in the absence of knowledge about the structure of power. Political
scientists, in seeking such knowledge, themselves acknowledge that many of the
causes of political change lie in the economic sphere. Students enrolling in some of
the courses listed below will thus frequently find themselves studying similar
problems in different parts of the world or different facets of the same generic
problems. Many of the courses are complementary and should provide the
interested student with a broad perspective on some of the most pressing problems
of our age.

Descriptions of the various courses are provided in the sections of this Calendar
for each discipline.

- ANTBO3 The Americas: An Anthropological Perspective
- ANTB08 Anthropology of Development
- ECOB09 Economic Development
- GGBBO8 The Geography of Underdeveloped Areas
- GGBCO9 Canada North of Sixty
- HISB22 British Imperialism in Asia and Africa
- POLB12 Politics and Society in Independent Africa
- POLB17 The Chinese Political System
- POLC05 New Nations in World Politics (not offered in 1973-74)
- POLC10 Modernization and Revolution
- SOCB14 Comparative Social Structure
- SOCB16 Social Change
- SOCC17 Social Change in Latin America
- SOSB02 The Indian Sub-Continent: Contemporary Problems (not offered in
  1973-74)

Drama

Scarbrough College offers a number of courses in Drama in various disciplines. It
is hoped in subsequent years to add further courses in theatre history and practical
work until a full Drama programme is in operation. Students are referred to drama
courses listed under:

- Classical Studies
- English
- French
- German
- Humanities
- Russian
- Spanish

DRA031Y Drama Seminar and Workshop

- Full Course: The course consisting of two independent parts, one theoretical, the
  other practical, will comprise a two-hour seminar and two hours of
  practical work each week. It will discuss the drama of various
  periods in terms of the non-literary elements of theatre, dealing with
  theatrical conventions, acting styles, and methods of production
  from classical times to the present. The workshop will develop a
  full-scale theatrical production. Limited enrolment: 25.
- M. Schonberg
- Prerequisites: Permission of instructor

DRA032Y The Directors' Theatre

- Full Course: The course will explore the work of famous theatrical companies of
  the 19th and 20th centuries and the contribution to theatre made
  by, among others, Antoine, Stanislavsky, Craig, Belasco, Coe, Reimard,
  Brecht, Barrass, Brook, Littlewood, and Grotowski.
- M. Schonberg
- Prerequisites: Permission of Instructor

Economics

Supervisor of Studies: D.E. Campbell (H414)

General Information

The Economics curriculum at Scarborouh College can now provide a well-rounded
training in this field, adequate to prepare the student for his responsibilities as
citizen, and for the possibility of further study leading to careers in business,
government and the professions.

There are several courses from the list which follow which can be regarded as
central: the introductory course (ECOBO1); the initial courses - Microeconomics
(ECOB01) and Macroeconomics (ECOB02); and at least one course from among
those which offer a different perspective from that seen from the mainstream of
contemporary economic theory - a course in Economic History (ECOB03)
or ECOBO4), a course in the literature of economics (ECOB05 or ECOBO6), or
the course in Comparative Economic Systems (ECOB09). A student who plans to go
further with the subject should consider seriously acquiring some background in
Accounting, Statistics, and Computer Science and, depending upon interest, from
the wide range of other courses noted below.

Obviously, there are other fields related to Economics which can be strongly
recommended to the student who wishes to attain a reasonable level of compet-
ence. Under this heading, we direct your attention to Mathematics especially
Calculus, Probability Theory, and Linear Algebra), Political Science, History, and
the other Social Sciences.
The Programme in Economics

The specialist programme in Economics is designed for students considering employment in fields where a knowledge of economic theory and a modest ability to do research are important. The programme is not a guarantee of employment but it does provide the basic quantitative and theoretical skills which are essential for making policy decisions in business and government. Students taking this programme must enrol with the Division of Social Sciences:

- ECOA01
- ECOB01
- ECOB02
- ECOB18 or ECOB11
- MATA26 or MATA55

ECOA02
one of: ECOC01/ECOC04/ECOC06/ECOC07/ECOC02/ECOC10
one of: ECOC03/ECOC05/ECOC04
ECOB05 or ECOB06
ECOB03 or ECOB04
ECOC13 or ECOC14

At least 10 full year courses, including the Mathematics requirement, must be taken (two half-year courses count as one full year course).

A Programme Leading to Postgraduate Study in Economics

Students interested in pursuing the study of Economics beyond the undergraduate level are advised to take the courses in Economics recommended in General Information and in addition one course in Calculus, one course in Linear Algebra, one course in Statistics, and ECOB08 (Econometrics). Statistics should be taken early in the programme since it is a prerequisite for Econometrics. Although Calculus is not used in teaching Economics at the undergraduate level students thinking of postgraduate study are advised to take it early in their programme since it can be of help in ECOB01 and other theory courses. Linear Algebra may be taken at any time the student wishes – it is not used in Economics at the undergraduate level.

ECOB01Y Introduction to Economics
Full Course
A study of economic theory and its application to contemporary Canadian economic problems. Problems discussed will include: unemployment, inflation, pollution, poverty, monopoly. Members of the Faculty

ECOB02Y Quantitative Methods in Economics
Full Course
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ECOA01] An introduction to basic statistical methods and their applications to economic problems. Some discussion of the use and testing of econometric models is undertaken. P. Petikan
Prerequisites or Corequisites: ECOA01 or ECOA03

ECOB03Y North American Economic History
Full Course
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 role of the state in economic change in the two countries.
Prerequisites: ECOA01 or ECOA03

ECOB04Y European Economic History
Full Course
A study of the emergence of industrial society in Europe since the Middle Ages with some emphasis on the comparative experience of Britain and other European countries and the growth of the nineteenth century world economy. Particular attention is paid to technical change, the expansion of markets, population growth, the economic affects of public policy, and consequent changes in income levels and the structure of the economy. J. Cohen
Prerequisites: ECOA01 or ECOA03

ECOB05Y The Economics of Karl Marx
Full Course
A study of Marx's approach to economic theory and economic history. Discussion will centre on Marx's theory of capitalism and will emphasize the theory of exploitation and the process of accumulation. J. Cohen
Prerequisites: ECOA01 or ECOA03

ECOB06Y Literature of Political Economy
Full Course
A study of the classical literature of Political Economy; especially selections from the work of Adam Smith, Malthus, Ricardo, J.S. Mill, Marx, Jevons, Marshall and Keynes.
ECOB075 Economics of the Public Sector: Taxation
Term: Fall
Course: 3
Prerequisites: ECOA01 or ECOA03

ECOB08F Economics of the Public Sector: Expenditures
Term: Fall
Course: 3
Special topics discussed include: pollution, the economics of education, fiscal federalism, urban problems.
Prerequisites: ECOA01 or ECOA03

ECOB09F Economic Development
Term: Fall
Course: 3
Prerequisites: ECOB01

ECOB10Y Comparative Economic Systems
Full
Course: 4
This course analyzes organizations of economic activity other than the capitalist system. The alternatives considered are both real systems as they have developed in some countries, especially in the U.S.S.R., Czechoslovakia, Yugoslavia and China, and some untried systems as they have been proposed on a purely speculative basis. The course will attempt to evaluate properties of these systems and compare their relative advantages and shortcomings. P. Pelizzon
Prerequisites: ECOA01 or ECOA03

ECOB11S Money and Banking
Term: Fall
Course: 4
An introduction to the operation of the money market. The focus will be on analysis of monetary theory and monetary policy.
Prerequisites: ECOB02

ECOB12F International Economics: Finance
Term: Fall
Course: 4
Balance of payments equilibrium and departures from it. A study of various international monetary arrangements; flexible rates; the gold standard and the dollar standard; current efforts to reform the system. The economics of international investment and its control. The effects of international investment. L. Tarshis
Prerequisites: ECOA01 or ECOA03

ECOB13S International Economics: Trade Theory
Term: Fall
Course: 4
An analysis of the factors on which a country’s trade with other countries is based and the welfare implications of this trade. “Free Trade” and Protectionism. The optimum tariff, Trade blocs; the economics of customs unions and regional economic integration. Canada and the development of the European Economic Community tariff bargaining. The Canada – U.S. Auto Pact. M. Walker
Prerequisites: ECOA03 or ECOA04

ECOB14S Labour Economics
Term: Fall
Course: 4
The functioning of labour markets with special attention to problems of mobility, various types of unemployment, wage and salary determination, wage differentials, and the relationships between wages and prices.
Prerequisites: ECOA01 or ECOA03

ECOB16S Industrial Organization
Term: Fall
Course: 4
The economics of the firm in a market environment. The aim is to study business behavior and public policy with respect to advertising, concentration, competition, rate-setting, etc.
Prerequisites: ECOB01

ECOB17F Urban Economics
Term: Fall
Course: 4
Economic analysis is applied to contemporary urban problems. Topics discussed include: housing and urban renewal, poverty and income maintenance, education, metropolitan organization of urban areas. J. Genello
Prerequisites: ECOA01 or ECOA03

ECOB18S Macroeconomic Policy
Term: Fall
Course: 4
An examination of public policies for influencing and controlling the level of national income, employment, and the price level. J. Genello
Prerequisites: ECOB02; permission of instructor

ECOB25Y Managerial Economics
Full
Course: 4
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS COMB25] This course focuses on the theory and operation of the firm. Linear and non-linear programming are studied as tools in the firm’s decision process. Topics covered include: cost estimation, analysis for pricing decisions, inventory policy, capital and investment theory, analysis of risk and uncertainty. M. Walker
Prerequisites: ECOA01 or ECOA03

ECOB27S Collective Decision Making
Full
Course: 4
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SQB04 or POLB27] An analytical investigation of the conditions
ECOC01F Topics in Advanced Microeconomic Theory
Term: Full-Half Course
Topics explored will usually include: existence and efficiency of a general competitive equilibrium; capital and interest theory; the theory of risk-bearing; stability analysis; cardinal vs ordinal utility; the core of an economy. D.E. Campbell
Prerequisites: EC0B01

ECOC02Y Corporation Finance
Term: Full Course
May Not Be Taken In Same Degree Programme As GU0C02] An examination of the financial environment within which Canadian companies operate. The aim is to uncover the main principles of financial management and to discover the social and legal significance of the modern corporation.
Prerequisites: EC0B01

ECOC03S Business Fluctuations
Term: Full-Half Course
Course not offered in 1973-74. A study of the factors underlying secular fluctuations and cycles in the levels of national income and product. The relationship between economic fluctuations and growth is examined. Interactions among investment, consumption, innovation activity, monetary factors, and foreign trade are analyzed from the point of view of their contributions are considered.
Prerequisites: EC0B01, EC0B01; EC0B18

ECOC04S Capital and Growth Theory
Term: Full-Half Course
The contribution of capital accumulation to economic growth is studied with a view to determining the relative contributions of capital, labour, and technical change to economic prosperity and growth. D.E. Campbell
Prerequisites: EC0B01; EC0B02

ECOC05S The Economics of J.M. Keynes
Term: Half Course
A study of his major works and consideration of their broad social implications. An attempt will be made to evaluate their relevance for Canada and other countries at the present time. Modern criticisms of Keynes will be analyzed. L. Tambs
Prerequisites: EC0B02

ECOC06F Welfare Economics and Policy Design
A study of theoretical questions concerning individual and group welfare; a critical analysis of the market system; objectives, instruments and decision processes of the policy-maker. P. Politan
Prerequisites: EC0B01

ECOC07Y Econometrics
Course: Full
A technical study of the problems of measurement and empirical research in Economics. Central to the course is the analysis of estimation and prediction with the aid of regression techniques.
Prerequisites: EC0A01, EC0B01, EC0B02, EC0A02 (or an equivalent course in statistics)

ECOC13F Workshop in Economics
Term: Half Course
During 1973-74 the workshop will be concerned with the distribution of income and wealth in Canada, including the incidence of poverty.
Prerequisites: EC0B01, EC0B02

ECOC14S Workshop in Economics
Term: Half Course
During 1973-74 the workshop will be concerned with inflation in recent Canadian experience.
Prerequisites: EC0B01, EC0B02

ECOC11F Supervised Reading
See Page 31.
Term: Full-Half Course

ECOC12S Supervised Reading
See Page 31.
Term: Full-Half Course

English
English Studies has as its subject matter all the communicative arts in English. The range of subject matter encompasses the study of English, Canadian, and American...
literatures, and to a limited extent other literatures in English. Emphasis is placed on close, specific critical reading, clarity of expression, and the development of the powers of criticism and judgement. The programme is directed toward the broadening of experience, the refinement of feeling and judgement, and the expansion of the imagination.

Students are advised, when selecting courses in other disciplines, to match their English courses with appropriate courses in those disciplines; i.e., with courses in Classics concerned with Literary Criticism, Comedy, Satire, Love-poetry; with appropriate historical period courses in foreign literatures; with courses in Aesthetics (see Philosophy), History, Drama, Fine Arts, Comparative Literature (see Humanities). Courses in Contemporary Literature may also be profitably combined with studies in Anthropology, Sociology or Philosophy. Canadian Literature may also be studied as part of the College's Canadian Studies Programme.

A-level courses in English: All A-level courses in English are designed to provide a basic training in literary discussion. For further information consult Prof. W.J. Howard.

Full reading lists for each course offered may be seen at the College Bookstore.

ENGB0Y English Literature: Forms & Approaches
Full Course
An introductory study of a wide variety of texts in terms of genres and critical approaches. Emphasis will be placed on the understanding and use of critical terminology. Texts will include: Shakespeare, Hamlet, Congreve, The Way of the World: selections from the poetry of Marvell, Keats; Austen, Pride & Prejudice: Bronte, Wuthering Heights. Some critical articles will be studied. K. Theil

ENGAQY Canadian Literature in English: an Introduction
Full Course
Novels by Callaghan, Maclean, Laurence, Grove, Davies, Buckler; other prose by Moodie, Leacock; poetry of Lampman, D.C. Scott, Klein, Pratt, Birney, Atwood, Auvens; plays by Rhyga and others; collection of short stories.

ENGAQY American Literature: an Introduction
Full Course
At least twelve works will be studied. Half the course will be devoted to works written before 1800, including the following: Melville, Moby Dick; Twain, Huckleberry Finn; Hawthorne, TheScarlet Letter; Whitman, Selected Poems

ENGBT Old English Language and Literature
Full Course
An introduction to the language and literature of the Old English period as represented principally in the poetry and prose of the ninth and tenth centuries. The first term will be used to develop fluency in reading the language, concentrating on the grammar and syntax of various pieces of prose and poetry. The second term will be devoted to the study of poems selected from the Exeter Book, Texts: Seven Old English Poems (ed. J.C. Pope); AEthelric, Lives of These English Saints; Quick and Wrenn, An Old English Grammar. A. Poulton

ENGB0Y A study of some of the Canterbury Tales, The Book of the Duchess, The House of Fame, The Parliament of Fowls, the Prologue to the Legend of Good Women, Tristil and Crisitide, Selected Lyric, Background readings: Roman de la Rose, Consolation of Philosophy, (in translation). Students must familiarize themselves with Middle English grammar and diction. E.P. Vicari
Prerequisites: One course in English

ENGB0Y English Poetry, Prose and Drama 1660-1800
Full Course
The poetry, prose and drama of the Restoration and Eighteenth Century with special reference to the work of Dryden, Pope, Swift and Johnson. W.J. Howard
Prerequisites: One course in English

ENGB0Y Romantic Literature
Full Course
Selected poetry and prose of Wordsworth, Coleridge, Byron, Shelley, Keats. Some pre-Romantic and post-Romantic poems will also be read to determine the early sources and the influence of Romantic poetry. S. Nanticoke
Prerequisites: One course in English

ENGB0Y Victorian Poetry
Full Course
The poetry of Tennyson, Browning, Arnold, and selections from other poets, including Morris, D.G. Rossetti, Swinburne, Hopkins, Hardy. Some prose works will be read to provide background in 19th century thought. M. Creelman
Prerequisites: One course in English

ENGB0Y Prose and Poetry of the English Renaissance, 1500-1660
Full Course
More, Udall, Machiavelli, The Prince; Sidney, Apology for Poetry, Astrophel and Stella; Spenser, Shepherds Calendar, Amoretti, Epithalamion, Hymnes, Faerie Queene (Books I, III and Mutabilitie); Shakespeare, Venus and Adonis, Sonnets, The Phoenix and the Turtle; Donne, Devotions Upon Emergent Occasions (sections), Funeral Sermon, Songs and Sonnets, Religious Poems; Browne, Religio Medici; Bacon, Essays, Novum Organum (sections); Milton, Lycidas, Areopagitica, Paradise Lost; selected poems of Wyatt, Surrey, Marlowe, Raleigh, Daniel, Drayton, Herbert, Herrick, Vaughan, Marvell.
Prerequisites: One course in English

ENGB0Y Shakespeare [MAY NOT BE TAKEN IN THE SAME DEGREE PROGRAMME]
Full Course
AS ENGB0Y 1 A study of at least eleven plays. A. Poulton

ENGB0Y Chaucer
A study of most of the Canterbury Tales, The Book of the Duchess, The House of Fame, The Parliament of Fowls, the Prologue to the Legend of Good Women, Tristil and Crisitide, Selected Lyric, Background readings: Roman de la Rose, Consolation of Philosophy, (in translation). Students must familiarize themselves with Middle English grammar and diction. E.P. Vicari
Prerequisites: One course in English
ENGB11Y Varieties of Drama
A study of drama from ancient Greece to the present day. About 20 plays will be examined in terms of theatrical convention, genre, theme, style, dramatic form. A. Theil
Full Course

ENGB12Y English Drama to 1642
Plays from the cycles of mediaeval religious drama to the closing of the theatres in 1642, including the major plays of Marlowe, Jonson, and Webster, and seven plays of Shakespeare (Love's Labour's Lost, Richard III, Much Ado About Nothing, Troilus and Cressida, Othello, Coriolanus, The Winter's Tale). J. Margeson
Prerequisites: One course in English
Full Course

ENGB14Y Varieties of Fiction
An analytical study of prose fiction from various periods, aiming to develop a familiarity with the varieties of prose-fiction and a capacity for reading individual works critically. Students should read a fair portion of the texts during the previous summer.
Course not offered in 1973-74.
Full Course

ENGB13Y English Poetry
Course not offered in 1973-74.
Full Course

ENGB16Y Fiction 1832-1900
Course not offered in 1973-74.
Full Course

ENGB17Y Fiction Before 1832
At least 12 works including one or more by each of Defoe, Swift, Richardson, Fielding, Sterne, Austen, Scott. W.J. Howard
Prerequisites: One course in English
Full Course

ENGB24Y Major American Authors
An intensive study of between four and six authors drawn from the following list: Cooper, Emerson, Melville, Whitman, Twain, James, Eliot, Frost, Hemingway, Stevens, Faulkner.
Prerequisites: One course in English
Full Course

ENGB26Y Canadian Poetry in English
Prerequisites: One course in English
Full Course

ENGB27Y Canadian Fiction in English
A study of prose fiction in Canada from its beginnings to the present. Twenty works, by Brooke, Haldurson, Moodie, Duncan, Grove, Callaghan, MacLennan, Laurence, Davies, Richter, and others; a selection of short stories. T. Long
Prerequisites: One course in English
Full Course

ENGB28Y Contemporary Literatures in English: West Indies, India, Africa and Australia
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LIT304 OR HUMB044] The course will compare the literatures of the West Indies, India, Australia and India. At least 3 authors from each area will be read. W.J. Howard
Prerequisites: Normally B-standing in one English course
Full Course

ENGB31Y Modern Drama
A study of developments in English, American and European drama from 1900 to the present. The course will include plays by Chekhov, Ibsen, Strindberg, Pirandello, Sarrie, Genet, Ionesco, Beckett, Synge, Yeats, Eliot, O'Neill, Alber, Osborne, Arden, Pinter, Brecht, Whiting. Some practical work in play composition and performance. M. Tull
Prerequisites: One course in English
Full Course

ENGB32Y Modern Poetry
A study of Yeats, Eliot, Auden, Stevens, Thomas, Frost, and selections from other poets.
Prerequisites: One course in English
Full Course

ENGB33Y The Modern Novel
Prerequisites: One of ENG404, ENG414, ENG416, ENG417
Full Course

ENGB36Y Literature of Utopias
An examination of various utopias as presented in works by among others, Plato, More, Rabelais, Wells, Shaw, Huyshe, Nietzsche, Asimov, Wyndham, S. Namayoshi
Full Course

ENGB01Y Studies in Middle English Language and Literature
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ENGB03Y] A study of the poetry and prose of England and
Scotland from 1100 to 1500, excluding Chaucer. [See ENGB02Y].

Some non-English works also will be read in translation. Texts: Haskell, ed., Middle English Anthology; Elion, Elodie; Christen, Yvone; Gottfried, Tristan; Malory, Le Mort d’Arthur. Students must familiarize themselves with Middle English grammar and diction. P. Selic.

Prerequisites: ENGB01 or ENGB02

[ENGC09F] Studies in Renaissance Literature

Course not offered in 1973-74.

Full

Prerequisites: Normally B-Standing in ENGB09Y; two other courses in English

[ENGC05Y] Studies in Restoration & 18th Century Literature

Course not offered in 1973-74.

Full

Prerequisites: Normally B-Standing in three courses in English with at least one in Literature of the Restoration and/or 18th Century

[ENGC06Y] Studies in 19th Century Literature

Course not offered 1973-74.

Full

Prerequisites: Normally B-Standing in three English Courses

ENGC08Y Studies in 20th Century Literature

Detailed examination of Yeats, Eliot, Lawrence, Williams. Full

Prerequisites: Normally B-Standing in three English courses

ENGC11Y Paradise Lost

A close reading of Milton’s poem. A. Paternall

Full

Prerequisites: Normally B-Standing in three English courses

ENGC12Y Joseph Conrad & the Modern Novel

A study of Conrad’s influence on Fitzgerald, Faulkner and Mann. Reading: Conrad’s major fiction and two novels by each of Fitzgerald, Faulkner & Mann. Full

Prerequisites: Normally B-Standing in three English courses, including one of the following: ENGB14, ENGB16, ENGB17, ENGB33

ENGC14Y Senior Essay

Prerequisites: Normally B-Standing in three English courses

Courses

ENGC15Y Comprehensive Examinations

Prerequisites: Normally B-Standing in three English courses

[ENGC22F] The Contemporary Press

Course not offered 1973-74.

Term

Prerequisites: Normally B-Standing in one English Course

Half

Course

ENGC24Y Topics in American Literature

Special topics and aspects of American literature. Full

Prerequisites: One of ENGA05, ENGB21, ENGB22, ENGB24; and Course one other B-level English course

The Specialist Programme in English

A. A student is required to complete at least TEN and not more than fifteen courses in English in a twenty-course degree programme. However, a student who obtains 80% or better in ENGC15Y (ENGC46) will be entitled to Specialist Certification providing he has taken a minimum of EIGHT courses from at least seven of the basic course groups.

B. A student is required to achieve an overall average of B (or better) in the ten courses which comprise his basic programme in English, and to achieve a B-Standing (or better) in group 9 of the basic programme.

C. The Basic Programme for all Specialists is defined as follows:

<table>
<thead>
<tr>
<th>St. George Number</th>
<th>Title</th>
<th>Scarborough College EQUIV</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>ONE of English</td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>Old English Language &amp; Literature</td>
<td>B01Y</td>
</tr>
<tr>
<td>300</td>
<td>Bocce/lo (pre-req. 200)</td>
<td>Not Offered</td>
</tr>
<tr>
<td>312</td>
<td>Chaucer</td>
<td>B02Y</td>
</tr>
<tr>
<td>404</td>
<td>Studies in Middle English Language &amp; Literature</td>
<td>C05Y</td>
</tr>
<tr>
<td>2.</td>
<td>ONE of English</td>
<td></td>
</tr>
<tr>
<td>102</td>
<td>English Literature: More than Milton</td>
<td></td>
</tr>
<tr>
<td>302</td>
<td>English Prose &amp; Poetry</td>
<td>Not Offered</td>
</tr>
<tr>
<td>1500-1600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>304</td>
<td>English Prose &amp; Poetry</td>
<td>Not Offered</td>
</tr>
<tr>
<td>1600-1660</td>
<td></td>
<td>B09Y</td>
</tr>
<tr>
<td>413</td>
<td>Studies in Renaissance Literature</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>ONE of English</td>
<td></td>
</tr>
<tr>
<td>212</td>
<td>Shakespeare</td>
<td>B10Y</td>
</tr>
<tr>
<td>332</td>
<td>English Drama to 1462</td>
<td>B12Y</td>
</tr>
<tr>
<td>4.</td>
<td>ONE of English</td>
<td></td>
</tr>
<tr>
<td>306</td>
<td>English Prose, Poetry &amp; Drama 1660-1600</td>
<td>Not Offered</td>
</tr>
<tr>
<td>415</td>
<td>Studies in Restoration &amp; 18th Cnt., Literature</td>
<td>C05Y</td>
</tr>
</tbody>
</table>
5. ONE of English 308 Romantic Poetry & Prose B05Y
346 Victorian Poetry B06Y
356 Victorian Prose Not Offered
417 Studies in 19th Century Literature Not Offered

6. ONE of English 322 Fiction before 1832 B17Y
324 Fiction 1832-1900 Not Offered

7. ONE of English 150 American Literature A06Y
218 Major American Authors B24Y
231 Topics in American Literature C24Y
152 Canadian Lit. in English A03Y
354 Canadian Poetry B20Y
356 Canadian Fiction B27Y

8. ONE of English 105 Forms of 20th Century Literature Not Offered
328 Modern Novel B33Y
338 Modern Drama B31Y
348 Modern Poetry B32Y
419 Studies in 20th Century Literature C08Y

9. ONE of English 466 Comprehensive Examinations C15Y
467 Seminar in Literary Theory and Practice Not Offered
469 Senior Essay C14Y

10. The following courses cannot be limited to any one particular grouping as above; some cross periods and genres (e.g., 220, 165) and others are determined by individual instructors and students (e.g., 370, 470). The student is required to take at least ONE additional course, one or more chosen EITHER from the courses listed above OR from those listed below:

**English**
112 Major British Writers Not Offered
146 English Literature: Forms and approaches A04Y
204 Medieval Literature to 1500 Not Offered
220 Varieties of Fiction B14Y
230 Varieties of Drama B11Y
240 English Poetry B17Y
260 Varieties of Biography Not Offered
334 Restoration and Eighteenth-Century Drama (half-course) Not Offered
369 Seminar in Writing Not Offered
370 Special Studies -- Various B28Y, B36Y
470 Special Seminars C11Y, C12Y

**English**
468 History of the English Language Not Offered

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11. A student's basic programme may not include more than TWO 100-series courses in English.

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### Fine Art

Courses in Fine Art are divided into two basic groups: Art History and Studio.

The courses offered in Art History deal with the development of the arts in the West from Classical times to the present. Students in Art History are advised to consider complementary courses in History and Classical and Modern Literatures.

The Studio programme provides an opportunity for practical encounters with materials and forms. Students taking Studio courses are encouraged to augment their programmes by taking courses involving the study of sensation and perception; literary criticism; anthropology; history and archaeology.

For the 1975-76 academic year, students wishing to take FAR A070 and FAR A71 should prepare a portfolio for presentation to the Studio professors and arrange an interview appointment at 284-3304. Interviews are to be arranged as follows: For FAR A70 the first day of registration for first year students; for FAR A71 the first day of classes in the Spring term. Students should note that FAR B10, FAR B11, and FAR B12 will not satisfy prerequisite requirements of 200-level courses. For further information consult Prof. G. Scavizzi.

Students should consult listings under:
- HIS A01 The European World: an Introduction to History
- HUM B26 Orpheus: the Quest for Beauty
- HUM B28 The Age of Homer
- MIL B57 Philosophy and Art
- REL B11 Comparative Mythology

**FAR A04Y** Art History, an Introduction
A study of the cultural, political, and aesthetic forces at work in Architecture, Sculpture and Painting. The course will also consider recent contributions to methodology and art theory and the possibilities of other artistic media. G. Scavizzi; R. Siedelhoff; others

**FAR A70F** Two and Three-Dimensional Design
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FAR B10] An introduction to the principles of form and composition on a two-dimensional plane and in space. S. Aments

Course Prerequisites: See portfolio requirement in introductory note

**FAR A71S** Colour
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FAR B10] An analysis of the properties, perception, interaction of colour. S. Aments

Course Prerequisites: See portfolio requirement in introductory note
<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites or Corequisites: One A-level course or half-course in Fine Art</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FARB12Y</strong></td>
<td>Art of the Twentieth Century&lt;br&gt;Major artists and art movements since Cubism. G. Monge&lt;br&gt;Year: &lt;br&gt;Course</td>
</tr>
<tr>
<td><strong>FARB23S</strong></td>
<td>Early Christian and Byzantine Art&lt;br&gt;The painting and mosaic, sculpture and &quot;minor&quot; arts of the Early Christian and Byzantine world, with special consideration given to the relation between this period and the classical past and to the influence of this art on the development of Medieval Art in the West. A. Livanos&lt;br&gt;Year: &lt;br&gt;Course</td>
</tr>
<tr>
<td><strong>FARB27E</strong></td>
<td>Baroque Art 1600-1630&lt;br&gt;A study of early Baroque architecture, sculpture and painting, with special reference to G. Maderno, Rubens, and Bernini. G. Scavizzi&lt;br&gt;Year: &lt;br&gt;Course</td>
</tr>
<tr>
<td><strong>FARB370</strong></td>
<td>Drawing I&lt;br&gt;The &quot;scibile&quot;: Iconography of expressive drawing. Limited enrollment: 20. S. Amenta&lt;br&gt;Year: &lt;br&gt;Course</td>
</tr>
<tr>
<td><strong>FARB73F</strong></td>
<td>Sculpture I&lt;br&gt;Constructivism. Exploration of architectonic form in wood and plastic. Limited enrollment: 15. D. Holman&lt;br&gt;Year: &lt;br&gt;Course</td>
</tr>
<tr>
<td><strong>FARA70</strong></td>
<td>Ceramics I&lt;br&gt;Course not offered in 1973-74. Limited enrollment. &lt;br&gt;Year: &lt;br&gt;Course</td>
</tr>
</tbody>
</table>
French

The courses offered in French by Scarborough College provide opportunities for students, without Grade 13 French, who wish to begin their study of French (FREA01Y), as well as for those with Grade 13 French who seek to continue their study of the language and literature of France, as well as for French Canada. FREA01 serves to consolidate the previous experience of students in the understanding and use of the language and acquaints them with the time and with the range of advanced studies available to them at the university level. Providing prerequisite requirements are met, courses may be combined in a variety of ways: however, students intending to specialize in French, are invited to consider taking both FREA01 and FREA02 in their first year, then to choose courses from within the following groups: (1) the main trends of French and French-Canadian literature; (2) the genres: poetry, theatre, and novel in various periods; (3) advanced language; (4) language practice courses.

FREA11 is designed for those students not intending to specialize in French, and does not count towards fulfillment of the requirements for specialization. Further information consult Prof. L. Mignault.

The attention of all students is directed to complementary courses offered by other disciplines, in particular to those listed below.

DRA802 The Director’s Theatre
ENG851 Modern Drama
HRS814 Early Modern Europe
HUM842 Images of Women in French Literature
HUM843 Women’s Consciousness in French Literature
HUMC02 Seminar in Literary Theory and Practice
PHL860 Philosophy in Literature
PHL876 Sartre and the Continental Tradition
PHL890 Philosophy of Language

All students enrolled in French, some of whom may later wish to attend the College of Education or to continue their studies at the graduate level, are invited to confer with their instructors at the earliest possible date in order to work out an appropriate and coherent programme.

FREA00Y Introductory French

This course is designed to enable students to begin (or to continue) their study of the French language with a view to entering FREA01Y in a subsequent year. Intensive laboratory and class-room instruction in written and oral French. The course is not open to students with Grade 13 French. It is a credit-course but does not count as one of the required courses for specialization in French.

FREA01Y Preparation for University French Studies

This course provides all students with opportunities to improve their language skills, by means of readings and written compositions, oral classes, phonetics and work in the language laboratory. P. Mains

Prerequisites: Grade 13 French or equivalent.
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Term</th>
<th>Half</th>
<th>Course</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREA02Y</td>
<td>Studies in Modern French Literature: A study of selected works from the fields of French poetry, fiction and theatre of the 19th and 20th centuries. This course is a practical introduction to techniques of literary criticism and analysis.</td>
<td>Full</td>
<td></td>
<td></td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREA11F</td>
<td>Man and Society in French Fiction: A study of sociological problems as reflected in selected works of 20th-century French fiction. Works will be read in English translation, and classes conducted in English.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREA12S</td>
<td>Man and Society in French-Canadian Fiction: A study of sociological problems as reflected in selected works of 20th-century French-Canadian Fiction. Works will be read in English translation, and classes conducted in English.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB21Y</td>
<td>Language Practice: A continuation of first-year language work, including grammar, composition, oral practice, readings and language laboratory work.</td>
<td>Full</td>
<td></td>
<td></td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB25Y</td>
<td>Introduction to French Linguistics: Analysis of &quot;romanticism&quot; in 19th century literature, with attention to the main writers of the period.</td>
<td>Full</td>
<td></td>
<td></td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB25Y</td>
<td>The Romantic Current in French Literature: Analysis of &quot;romanticism&quot; in 19th century literature, with attention to the main writers of the period.</td>
<td>Full</td>
<td></td>
<td></td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB28F</td>
<td>French Drama of the 17th century: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB28F</td>
<td>French Drama of the 18th century: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB30Y</td>
<td>French Drama from 1800: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB30Y</td>
<td>French Drama from 1800: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB31S</td>
<td>Readings in 19th Century French Fiction: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB31S</td>
<td>Readings in 19th Century French Fiction: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB34F</td>
<td>Readings in 20th Century French Fiction: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB34F</td>
<td>Readings in 20th Century French Fiction: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB35S</td>
<td>Ideas in 20th Century French Fiction: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB35S</td>
<td>Ideas in 20th Century French Fiction: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB36F</td>
<td>French Canadian Literature to 1945: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB36F</td>
<td>French Canadian Literature to 1945: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB37S</td>
<td>French Canadian Literature since 1945: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB37S</td>
<td>French Canadian Literature since 1945: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB40F</td>
<td>The Poetry and Prose of the Golden Age: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
<tr>
<td>FREB40F</td>
<td>The Poetry and Prose of the Golden Age: A study of selected plays from the mid-17th century to the end of the Second World War.</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites: FREA01</td>
</tr>
</tbody>
</table>
Term 17th century with attention to works by Malherbe, Descartes, Pascal, La Fontaine, La Bruyère, La Rochefoucauld, Mme de la Fayette and Mme de Sévigné. G. Trembley
Prerequisites: FREA01

FREB41S The Playwrights of the Golden Age: Corneille, Molière, Racine
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB02 AND FREB22] A study of the development of classical tragedy and comedy, of stage practice and theatrical conditions. J. Curtis
Prerequisites: FREA01

FREB42F General History of the French Language
Course not offered in 1973-74. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB05 AND FREB21]
Prerequisites: FREA01

FREB43S The French Language in Canada
Course not offered in 1973-74. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB05 AND FREB21]
Prerequisites: FREA01

FREB44F The Intellectual Explosion: The French "Philosophes" in the Age of Enlightenment
Term [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB04 AND FREB24] An analysis of the most significant works of Montesquieu, Voltaire, Diderot, Rousseau and others. P. Moos
Prerequisites: FREA01

FREB45S French Literature in the Age of Enlightenment
Prerequisites: FREA01

FREB46F Principles of lexicology and their application to Modern French
Course not offered in 1973-74.
Prerequisites: FREA01

FREB48Y Theoretical and Practical Phonetics
Full Course
This course will comprise the following: (1) General principles of French phonetics, phonetic readings, phonetic transcription, corrective pronunciation, the study of the relationship between spelling and pronunciation. (2) Analysis and discussion of recordings used in the language laboratory, with use of tapes in the classroom. (3) Audition of a wide range of recorded materials: genres, styles, social and regional variants. G. Trembley
Prerequisites: FREA01Y

FREC01Y Language Practice
Full Course
This course is a continuation of FREB21 and includes reading, grammar, composition, stylistic exercises, discussions and/or debates. C. Jennings; G. Trembley
Prerequisites: FREB21 or FREB01

FREC02F Supervised Reading
FREC04F See Calendar Page 31, Members of the Faculty
Prerequisites: At least one B-level course in French, permission of instructor

FREC03S Supervised Reading
FREC05S See Calendar Page 31, Members of the Faculty
Prerequisites: At least one B-level course in French, permission of instructor

FREC08F Problems in Translation
Term [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB04 AND FREB24] A practical course in translating both from French to English and from English to French, which will involve analysis of selected examples of the translator's art, as well as exercises in rhyme and version. Some attention will also be given to the theory of translation and comparative stylistics. J. Curtis
Prerequisites: FREB21

Geography

Supervisor of Studies: C.J. Sparrow

Members of the Geography faculty can provide detailed advice and counselling on course selection and the planning of a coherent and logical programme of studies. Students are invited to make use of this advice.

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

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

Students are now able to take all the courses at Scarborough College which are needed to obtain the designation "Specialist in Geography" on their transcripts. Students who are interested in specializing in Geography, should confer with the Geography faculty at Scarborough College and should also look at the current St. George campus calendar to evaluate the wide range of Geography courses offered on that campus.

Students wishing to obtain specialist standing in Geography should include at least 9 full Geography courses (or their equivalents) in their 20 courses in the four year B.A./B.Sc. degree. Geography 312, 313 and 318 and either 314 or Geography 320 are mandatory among the courses in Geography selected. Students interested in majoring in the subject are advised to include the full range of introductory Geography courses and GGRA802 in their programme.

The introductory programme in Geography consists of five half courses. As far as possible, four of these are timetabled in such a way that they can be taken as two full courses. Lectures and tutorials or practical work in Geography 306 and 307 and 308 and 309 are scheduled at the same time.

The additional grouping of geography courses selected will depend on the particular interests of each student (for example some will wish to concentrate on Physical Geography, others on Human Geography and others on Area Studies) and on the career or advanced studies upon which they are likely to embark. Certain courses in Chemistry, Physics and Biological Sciences would be especially useful to the student of Physical Geography while other courses in Economics, Political Science, Anthropology and Sociology would be of benefit to those students most interested in Human Geography.

The interdisciplinary course NCSA03 Quaternary Environments and Man will be of interest to many students taking Geography whether they are concentrating on Physical or Human Geography.

Students should also consult listing under NCSA03 Quaternary Environments and Man.

GGRA03S Introduction to Geography: Geographic Methods I: Cartographic and Field Methods
Term Half-Course
An introduction to the compilation, construction, interpretation and use of a variety of types of maps. The course introduces some of the simpler basic field work techniques frequently used by geographers.
C. Sparrow

GGRA06F Introduction to Geography: Environmental Analysis
Term Half-Course
This course introduces some of the general geographical and biological principles that underlie the complex interrelationships among humans, their environment and the biophysical world. The course involves a study of the environmental problems facing contemporary society and the role of the geographer in the analysis of these problems.

GGRA07S Introduction to Geography: The Surface of the Earth
Term Half-Course
An introductory survey of the principles of Physical Geography and Physical Geography involving in the evaluation of man's changing physical environment. Earth materials, the rock cycle, sub-surface and surface processes, climatic controls on erosion and current theories on the origin and development of the lithosphere and biosphere. Emphasis will be placed on surface morphology and the process-response relationships existing between the denudational agents and the earth materials & groundwater. Corequisites: None - a background in Science would be helpful but not essential.

GGRA08F Introduction to Geography: Regional Analysis
Term Half-Course
The concepts, methods and practices of regional analysis in Geography. Theoretical, administrative and literary regionalism; the region as a generalization to regional science; regional description and analysis. Includes a field excursion and the preparation of a report on a selected region in eastern Ontario.
P. Cove

GGRA09S Introduction to Geography: Spatial Analysis
Term Half-Course
The spatial organization of society; elementary location theory, land use and spatial interaction. Problems of the spatial structure of contemporary western economies; poverty, regional underdevelopment; spatial inequality. Development objectives in a spatial economy. G. Hening

GGRB01Y Geography of Resources
Term Full-Course
Problems of resource use with particular reference to their environmental setting. (1) definition and classification of resources, (2) special problems relating to agricultural resources, (3) specific aspects of the use of non-agricultural resources, and finally (4) an examination of the use/misuse and abuse of resources. A. Topick Prequisites: GGRA01 or GGRA02, or GGRA06, GGRA02 or GGRA08; GGRA09

GGRB02Y Geographic Methods II: Analytical and Quantitative Methods
Term Full-Course
Identification of geographic problems and the selection of data; tests of simple hypotheses; correlation and regression; regionalization and allocation problems. Elementary computer programming together
with the use of previously written programmes. G. Howings
Prerequisites: Two A-level courses in Geography

GGBR03Y Climatology
Full Course
The main aspects of Physical Climatology and the dynamics of the
earth's atmosphere. The second half of the course concentrates on
Applied Climatology and atmospheric pollution and urban climates.
Tutorial work includes the use of simple climatic instruments. C.
Spurren
Prerequisites: GGRA02 or GGRA06; GGRA07

GGBR05Y Urban Geography
Full Course
An introduction to the characteristics and major problems of
Canadian cities, in three main sections: urban theory, the develop-
ment of Canadian cities and urban problems. Topics include urbaniz-
ation and processes of urban growth; systems of cities, urban form
and design; spatial structure of land uses, distinctive socio-economic
areas within cities; circulation, transportation and immigration. P. C.
Carr
Prerequisites: GGRA01 or GGRA08; GGRA09

GGBR06Y The Geography of Economic Activities
Full Course
An introduction to the Geography of world economic activities,
including the geographical variation in the level of economic deve-
lopment, the inter-relationship of consumption, production and
exchange, the process of agricultural and industrial production,
economic and location theory, transportation, the growth of service
industries, and problems of economic development. J. B. Bancroft
Prerequisites: GGRA01 or GGRA08; GGRA09

GGBR07Y Geomorphology
Full Course
A detailed examination of the processes contributing to the con-
tinuing modification of the earth's surface features. The course is
centred around themes of "Morphology and Process" and examines
landscape changes during and since the Pleistocene Epoch. The relations-
ships between the mechanics of erosion, transport and deposition
and the surface forms associated with the growth and decay of continental ice sheets will be studied. Field trips during the
full term. Limited enrolment. C. B. Greenwood
Prerequisites: GGRA07 or GGRA02
Corequisites: None. GGBR03 and GGBR02 are strongly recom-
mended as some background in the scientific ap-
proach is necessary

GGBR08Y The Geography of Underdeveloped Areas
The definition, nature, performance and problems of under-
developed areas. Underdevelopment as a phenomenon, a condition
and a process and their expression as geographically distinct realities.
Considerable reading and constant participation by the student
through discussions and seminars. A background in Economics
would be useful. A. T. Fayer
Prerequisites: GGRA01 or GGRA08; GGRA09
Corequisites: None. Students are recommended to have completed
GGBR02

GGBR09Y Special Topics — 1973-74 Advanced Geographic Methods
Full Course
Advanced analytical and quantitative techniques currently used in
Geography. Laboratory work will deal with examples of specific
techniques discussed in the lecture course. Members of the Faculty
Prerequisites: GGBR02

GGBR10Y The Geography of Soils
Full Course
Course not offered in 1973-74. The distribution, genesis and classifi-
cation of soils. Field and laboratory work on soil mapping tech-
niques, soil analysis, etc.
Prerequisites: GGRA06, GGRA07 or GGRA02

GGBR11Y Air Photo Interpretation and Analysis
Full Course
Course not offered in 1973-74. An introduction to the theory and
applications of air photos. Interested students from other disciplines
should consult with the instructor.
Prerequisites: GGRA03
Corequisites: GGBR02

GGBR12Y The Historical Geography of Canada
Full Course
Course not offered in 1973-74. An introduction to the historical
geography of Canada.
Prerequisites: 2 A-level Geography courses

GGBR13Y Introduction to Cultural Geography
Full Course
Course not offered in 1973-74. The nature, scope and methodology
of cultural Geography. Examples of contrasted cultural groups and
areas will be used.
Prerequisites: GGRA08; GGRA09

GGBR14Y The Canadian North
Full Course
An analytical inquiry which explores problems and perspectives on
the North with special focus on human occupation, land use,
resource identification and management, northern operations, north-
ern policy and foreign analogies. J. Franke
Prerequisites: GGRA06 or approved equivalent

GGRG01Y Supervised Research
Students will be required to complete a dissertation and discuss it
with an examining committee. The topic for the research project
GGRC01F Theory and Method in Modern Quantitative Geomorphology
Term and Project work with considerable reading assignments. Limited enrollment - 20. B. Greenwood
Prerequisites: GGRC01

GGRC02F Biogeography
Term
Half-Course
Prerequisites: GGRC03, at least 2 other 2-level Geography courses

GGRC03Y Advanced Readings in Selected Fields of Geography
Full
Course
Prerequisites: At least 3 B-level Geography courses; permission of instructor

GGRC05F Field Problems in Geography
Term
Half-Course
Prerequisites: At least 2 B-level Geography courses

GGRC09S Canada North of Fifty
Term
Half-Course
Prerequisites: At least 2 B-level Geography courses

GGRC105 Location Theory
Term
Half-Course
Prerequisites: At least 2 B-level Geography courses

Full Course should be selected by the end of the third year of study and must be approved by a staff supervisor. Students should start work on the project during the summer preceding their fourth year, and complete most or all of their field work during this period. Members of the Faculty
Prerequisites: Any fifteen courses. By the end of the student's fourth year, at least eight courses in Geography (not including GGRC01) must have been completed

GGRC02Y Rural Land Use
Full Course
During the first term, the economics and spatial distribution of rural land use, will be examined to provide an understanding of the nature of rurality within a theoretical and regional framework. In the second term seminars will concentrate upon some aspects and problems of land use in rural Ontario, including, for example, contemporary issues in Ontario agriculture, rural poverty, the rural-urban fringe and rural planning. Students will be expected to undertake a research project on a selected aspect of rural Ontario. Limited enrollment - 20. M. Buns
Prerequisites: GGRC06
Corequisites: None. Students are strongly recommended to have completed GGRC02

GGRC03Y Regional Industrial Analysis and Development
Term
Half-Course
Course not offered in 1973-74. Regional development from both theoretical and empirical standpoints. The first part of the course will consist of a presentation of alternative frameworks for analysis: regional balance of payments; economic base; shift and share; regional and interregional input-output; dynamic and static aggregate models. In the second part, an evaluation will be made of the public policy issues - the application and utility of growth pole theory, equity-efficiency trade-offs, balanced-unbalanced growth, quality-quantity issues - in the light of recent experience in Canada, the U.S.A. and Western Europe. Limited enrollment - 20. G. Hewings
Prerequisites: Two B-level courses in Economics or Geography

GGRC05Y Urbanization in Ontario
Term
Half-Course
An advanced discussion course on the following: the history of urbanization in Southern Ontario; the urban development process; Ontario townscapes; urbanization of the rural landscape. Discussions will focus mainly on case studies of selected topics such as "growth centering" in the city, images of city form; speculation and the urban shadow; conflicts in Niagara; the Ontario lakefront; exurban living; small towns and central places in Ontario; idle land and speculation; cottages and recreation. Limited enrollment - 20. P. Care
Prerequisites: GGRC05
enrollment – 20. G. Hewings
Prerequisites: Two B-level courses in Economics or Geography

GGRC115 Quantitative Methods in Economic Geography
Term: Half-Course
This seminar will build and expand upon the methodology introduced in GGRB02. Students will assume considerable responsibility for the choice of material to be discussed. Some possible topics include matrix methods in the study of interindustry structure and population movements, diffusion models, network analysis, and markovian models. Limited enrollment – 20. G. Hewings
Prerequisites: GGRB02 or similar background in Statistics and Methods

GGRC125 Contemporary Issues in the Philosophy of Geography
Term: Half-Course
Discussion and review of some major philosophical and methodological issues in contemporary Geography. Topics will include: the dualism of Physical and Human Geography; objectivity in Geography; model-building in Geography; Geography as a discipline or a methodology; problem-solving as a research strategy; scientific and social responsibility in Geography. Directed reading. Limited enrollment – 20. Members of the Faculty
Prerequisites: Any fifteen courses. By the end of the student’s fourth year, at least eight courses in Geography (not including GGRC12) must have been completed

GGRC13F A Theoretical Approach to Political Geography
Term: Half-Course
An examination of theories and principles postulated to explain the relationships between geographical and political phenomena on various scales — local, regional and worldwide. The two main approaches emphasized are: morphological and functional. The basic theme of the course is that an understanding of theoretical details is essential for the proper evaluation of the ever changing geographical conditions and political processes in different parts of the world. Limited enrollment – 20. A. Payseh
Prerequisites: GGRA08; GGRA09 and/or POLA02Y; one B-level course in Geography

GGRC14F Themes in the Historical Geography of Ontario
Term: Half-Course
An examination of aspects of the historical geography of Upper Canada and Ontario in the nineteenth century. Particular attention will be paid to the development of the rural landscape through a study of such themes as pioneer settlement, the impact of ethnic diversity, the growth of agriculture, and the spread of transportation. Reading and research of archival and other original source material will form an important part of the course, and will constitute the basis of weekly seminar discussions. Students are expected to complete a short research project using original sources.

German

The courses in German offered by Scarborough College provide opportunities for the study of the language and of the literature of Germany, Austria and part of Switzerland. While language and literature courses may be combined in various ways by students who have completed the necessary prerequisite courses, those who intend to specialize in German are urged to consider the programme of study set out below, which includes a language course during each year of study in order to maintain continuity in the development of these practical skills.

Specialists must complete a minimum of 6-1/2 upper level year-course equivalents (including GERB04), plus a half course in Middle High German (GER35F), which is available on the St. George campus. The Scarborough College course on The German Novel (GERB17Y) does not count towards fulfilment of the requirements for specialization. For further information consult Prof. H. Wittmann.

First Year: First Term: GERAA1; GERB10
Second Term: GERAA1; GERB10

Second Year: First Term: GERB04; GERB05; GERB06 or GERB02 or GERB16
Second Term: GERB04; GERB15 or GERB03

Third Year: First Term: GERB04; GERB06; GERB02; GERB12 or GERB01; GERB02
Second Term: GERB04; GERB03; GERB15; GERB12 or GERB11

Fourth Year: First Term: GERB35F; GERB11 or GERB12
Second Term: GERB11 or GERB12; GERB03

Students of German, some of whom may later wish to attend the Faculty of Education or to continue their studies at the graduate level, are strongly urged to...
GERA10Y Introductory German
The fundamentals of grammar and syntax. W. Teipenhardt
Full Course

GERA11Y Intermediate German
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS GERA01] Intensive language work focusing on readings, oral and written composition. W. Teipenhardt
Prerequisites: Grade 13 or GERA10
Full Course

[GERB00F German Literature before 1775]
Course not offered in 1973-74.
Term Half Course
Prerequisites: GERA01 or GERA11

GERB02F 20th Century Prose
A study of authors such as Mann, Musil, Kafka, Brecht, Bill and Grass. H. Wittmann
Prerequisites: GERA01 or GERA11
Course Corequisites: GERB04

GERB03S 20th Century Drama and Poetry
A study of the dramatic works of Wedekind, representative playwrights of Expressionism, Brecht, Frisch, Dürrenmatt, Hochhuth, Kipphardt, Weiss; selections from the poetry of Rilke, George, Hofmannsthal, the Expressionists Heym, Trakl, Benn, Lasker-Schüler, Kauschnitz, Celan, Enzensberger. H. Ohlendorf
Prerequisites: GERA01 or GERA11
Corequisites: GERB04

GERB04Y Advanced Conversation and Composition
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS GERB04Y] A continuation of the language work done in GERA01. H. Wittmann
Prerequisites: GERA01 or GERA11
Corequisites: Any one of GERB01, GERB03, GERB02, GERB03, GERB15, GERB16, GERA11, GERA12
Full Course

GERB05F Literature of the Baroque and Enlightenment
A study of seventeenth and eighteenth century literature with special emphasis on Grimmelshausen and Lessing. Poetry will be selected from the works of Gryphius, Fleming, Günther, Klopstock
Term Half Course

Course and others. An exploration of themes such as the impact of war on human consciousness and the emergence of the humanistic tradition of German Idealism, H. Wittmann
Prerequisites: GERA01 or GERA11
Corequisites: GERB04

GERB10S Introductory Seminar on German Literature
An introduction to the techniques of literary analysis, applied to representative texts of the eighteenth, nineteenth and twentieth centuries. H. Ohlendorf
Term Half Course
Prerequisites: Grade 13 or GERA10
Corequisites: GERA11

GERB11Y Classicism
A study of Classicism, with particular attention to Schiller and Goethe. Reference will also be made to the critical writings of men such as Winckelmann and Herder and to the essays and the exchange of letters by Schiller and Goethe. H. Ohlendorf
Prerequisites: GERA01 or GERA11
Corequisites: GERB04

[GERB12Y Literature of "Sturm und Drang" and Romanticism]
Course not offered in 1973-74.
Full Course
Prerequisites: GERA01 or GERA11
Corequisites: GERB04

GERB13S 19th Century Prose
A study of Storm, Dostoevsky, E.T.A. Hoffmann, Keller.
Term Fontane, Hauptmann, among others. H. Wittmann
Half Course
Prerequisites: GERA01 or GERA11
Course Corequisites: GERB04

GERB15F 19th Century Drama and Poetry
The development of drama from Büchner to Hauptmann, including Grabbe, Grillparzer, and Hebbel. The poetry of the late Romanticists, as well as some of the above mentioned authors. Heine and Mörike. H. Ohlendorf
Prerequisites: GERA01 or GERA11
Corequisites: GERB04

GERB17Y The German Novel from Goethe to Grass
A study of major novels of Goethe, Stifter, Keller, Th. Mann, Hesse, Musil, Grass, and others read in English. (This course does not count towards fulfillment of the specialist requirements of the St. George Department.) W. Teipenhardt
Full Course
<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Course Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERCO2F</td>
<td>Supervised Reading</td>
<td>See Calendar Page 31.</td>
</tr>
<tr>
<td>GERCO3S</td>
<td>Supervised Reading</td>
<td>See Calendar Page 31.</td>
</tr>
<tr>
<td>GERCO4H</td>
<td>Statistics</td>
<td>A study of expository and creative writing, with analysis of texts. H. Oehlerof.</td>
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<tr>
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<td></td>
<td>Prerequisites: GERAO1 or GERAI1; GERB04</td>
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<td>Course</td>
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</tbody>
</table>

**History**

History is a humanities discipline which contributes to a fuller understanding of the present by the examination of the past, and which also is related to the Social Sciences, whose findings depend on precise evaluation of evidence. The study of History, therefore, can play a part in a large number of interdisciplinary programmes.

The History programme combines a variety of approaches and teaching methods in order to satisfy a number of purposes. Comprehensive courses (HISA01-HIS009) both provide a foundation in their areas and serve as preparation for more detailed studies. In advanced courses (HISA10-HISC09) students investigate more specific areas or periods or problems. C-series seminars require the students to make close and thorough studies of primary sources and other evidence and to present their findings in discussions and a major paper.

Students are strongly advised to enroll in HISA01 early in their academic programmes and to enroll in no more than two C-series courses of their equivalent in any one academic year.

Students who wish to specialize in History should consult with members of the faculty as early as possible in order to establish coherence in their studies. They are advised to complete at least nine full year history courses or their equivalent, including HISA01 and five advanced courses. They should avoid excessive specialization in one area of History. Courses in Greek and Roman History are listed elsewhere in this Calendar. For further information consult Prof. M. Elstobins.

**HISA01Y**

The European World: An Introduction to 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, and involves readings from selected primary and secondary sources. M. Elstobins, J. Pearl

**HISB01Y**

British History Since 1785

An examination of the political, social, economic and religious forces which transformed an adversatric society into an industrial power which subsequently declined. J. Kenyon

**HISB03Y**

History of the United States

Major themes from the Revolution to the present, including independence, political reorganization, political parties, territorial expansion, nationalism and sectionalism, reform movements, the slavery and civil rights questions, the response to industrialization, progressivism and the United States as a world power. A. Sheps

**HISB05F**

Canadian History to 1867

Exploration and settlement; the institutions and life of New France; the British conquest and its results, the impact of the American Revolution on British North America; development of the British colonies in North America; the confederation movement. J. Moor

**HISB06S**

Canadian History Since Confederation

Confederation and the consolidation of the Dominion; national development and World War I; the development of Dominion status; the Great Depression and regional involvement in World War II. J. Robertson

**HISB13Y**

European Urban History

Course not offered in 1973-74.

**HISB14Y**

Society in Early Modern Europe 1550-1800

The evolution of European social classes and their cultures, from feudalism to the French Revolution. I. Pearl

**HISB15Y**

Socialism in Theory & Practice

Course not offered in 1973-74. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HISC15, PHLB15 OR PHLB52]

**HISB17Y**

Germany in the 19th and 20th Centuries

A thematic treatment of German history from the end of the Holy Roman Empire to the present concentrating on social, economic, and cultural interpretations of Germany's political experience. M. Elstobins

**Prerequisites:** HISA01
<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Term</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>HISB21F</td>
<td>Frontier Communities in the British Empire-Commonwealth</td>
<td>Full</td>
<td>Prerequisites: HISB01</td>
</tr>
<tr>
<td>HISB22S</td>
<td>British Imperialism in Asia and Africa</td>
<td>Full</td>
<td>Prerequisites: HISB01</td>
</tr>
<tr>
<td>[HISB22T]</td>
<td>Europe 400-1100</td>
<td>Full or Half</td>
<td>Prerequisites: HISB01</td>
</tr>
<tr>
<td>HISB31Y</td>
<td>The South, Slavery, and Sectionalism in American History: 1607-1865</td>
<td>Full or Half</td>
<td>Prerequisites: HISB03</td>
</tr>
<tr>
<td>[HISB31Y]</td>
<td>American Response to Industrialization</td>
<td>Full</td>
<td>Prerequisites: HISB03</td>
</tr>
<tr>
<td>HISB43Y</td>
<td>Ontario History, the 19th Century</td>
<td>Full or Half</td>
<td>Prerequisites: HISB05; HISB06</td>
</tr>
<tr>
<td>HISB46F</td>
<td>The Maritime Region Before Confederation</td>
<td>Term or Half</td>
<td>Prerequisites: HISB05</td>
</tr>
<tr>
<td>HISB47S</td>
<td>Dissenting and Reform Movements in post-Confederation Canada</td>
<td>Term</td>
<td>Prerequisites: HISB06</td>
</tr>
<tr>
<td>HISC01F</td>
<td>Independent Study</td>
<td>Term</td>
<td>Prerequisites: At least one B-level History course; permission of instructor</td>
</tr>
<tr>
<td>[HISC02S]</td>
<td>European Society and Culture between the World Wars</td>
<td>Term</td>
<td>Prerequisites: At least one B-level History course; permission of instructor</td>
</tr>
<tr>
<td>[HISC11Y]</td>
<td>Western Europe in the 17th Century</td>
<td>Full or Half</td>
<td>Prerequisites: HISB03; one B-level History Course</td>
</tr>
<tr>
<td>HISC12F</td>
<td>The Witchcraft Crisis in Early Modern Europe 1500-1700</td>
<td>Full or Half</td>
<td>Prerequisites: At least one B-level History course; permission of instructor</td>
</tr>
<tr>
<td>HISC13S</td>
<td>The Scientific Revolution 1550-1700</td>
<td>Term</td>
<td>Prerequisites: At least one B-level History course; permission of instructor</td>
</tr>
<tr>
<td>HISC17Y</td>
<td>European Society and Culture between the World Wars</td>
<td>Full or Half</td>
<td>Prerequisites: At least one B-level History course; permission of instructor</td>
</tr>
<tr>
<td>[HISC21Y]</td>
<td>Urbanization and Social Change in 19th Century England</td>
<td>Full or Half</td>
<td>Prerequisites: HISB01</td>
</tr>
</tbody>
</table>
HISC22Y  Religion and English Society, 1750-1900
Course not offered in 1973-74.
Prerequisites: HSB01

HISC33Y  American Society and Thought Before the Civil War
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HSB33] Topics will include nationalism, racism, abolitionism, attitudes to immigration and urbanization, the impact of the frontier and of religion, political ideas of Puritan, revolutionary, Jeffersonian, Jacksonian and Lincolnian America, social discontent and social and reform movements, and economic thought and policy. Limited enrolment: 15. A. Sheps
Prerequisites: HSB03

HISC41F  Old Huronia
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HSB41F OR C441S] Political, social, religious and economic life of the Huron Indians and the interaction of Huron and European cultures. Limited enrolment: 15. J. Moré
Prerequisites: HSB05 Corequisites: Field trip to be arranged in September

HISC41S  Old Huronia
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HSB41F OR C441F] The same as HISC41F. Limited enrolment: 15. J. Moré
Prerequisites: HSB05; Field trip to be arranged in Sept.

HISC42F  Church-State Relations in Canada
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HSB42F OR C442S] A study of the connection of church and state in such areas as land endowment, education, legal establishment and social issues. Limited enrolment: 15. J. Moré
Prerequisites: HSB05

HISC42S  Church-State Relations in Canada
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HSB42F OR C442F] The same as HISC42F. Limited enrolment: 15. J. Moré
Prerequisites: HSB05

HISC45Y  Canadian Intellectual History
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HSB45Y] This seminar will focus upon the following themes in Canadian social and political thought: the intellectual assumptions apparent in contemporary discussion of Confederation; native Canadian imperialism; continentalism; autonomism; French-Canadian nationalism; the social role of religion; the rural myth; the impact of industrialization and urbanization; historiography; and the development of Canadian conservative, liberal, and socialist thought. The main sources will be the writings of journalists, clergymen, academicians, labour activists, novelists, politicians, farmers, speakers, historians, satirists, and royal commissioners. Limited enrolment: 15. J. Robertson
Prerequisites: HSB05; HSB06

Humanities

The Humanities are concerned with man’s reflection on the human condition, the development and communication of his thought, and with the creation and enjoyment of the beautiful. They are thus an integral part of liberal education.

At Scarborough College, courses in the Humanities are offered by the various disciplines which comprise the Humanities Division. However, the student who also wishes to explore the Humanities outside the traditional disciplinary framework, is encouraged to consider the courses listed below which provide a means of doing so. For senior students, the Individual Study Year provides a challenging alternative to a conventional program of study. Most of the offerings listed here are unique to Scarborough College and reflect the particular interests of its students and faculty.

HUMA01Y  Prologue*
Full Course Twenty books of central importance in Western civilization will be read. This course will have no formal lectures or tutorials; students may complete the readings at any time. A comprehensive examination will be given at the completion of each subset of ten books; the student may request these examinations at any time before the end of the annual examination period. The examination will stress the student’s ability to relate the books in his own way, rather than to remember minute aspects of plot and character. At weekly or bi-weekly informal sessions guest hosts will lead a discussion or present tapes, films, slides, etc.; concerning some of the books. Texts: The Bible (in part); Homer, The Odyssey; Sophocles, Oedipus Rex, Plate, Last Days of Socrates; Aristotle, Poetics; Plutarch, Lives; Augustine, Confessions; Dante, Inferno; Machiavelli, The Prince; Erasmus, In Praise of Folly; E. Col; Robbe-Grillet, L’Angoisse et l’Iconographie; Barzun, Pilgrim’s Progress; Vasari, Lives of the Artists; Harvey, Motion of the Heart and Blood; Goethe, Faust I; Marx, Capital I; Darwin, Origin of Species; Freud, Interpretation of Dreams; Wagner, The Ring of the Nibelung; P. Goethe, J. Warden

HUMAS1Y  Introduction to Music
A study of the basic materials, principles of design, and cultural

**“what’s past is prologue” Shakespeare, Tempest II.11.)
[HUMB215] Love and Friendship: the views of the Greeks and Romans
Course not offered in 1973-74. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HUMB06]
Term
Half-
Course

[HUMB23S] The Age of Augustus
Course not offered in 1973-74. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HUMB08]
Term
Half-
Course

[HUMB25F] The Age of Homer
Course not offered in 1973-74.
Term
Half-
Course

[HUMB01F] Women in Ancient Greece
A study of women in Greece from the time of Homer to the fourth century B.C. The course will consider the role of women and the attitude of society toward them in this period. Reading in translation will include selections from Homer, Hesiod, the lyric poets, the historians, philosophers and dramatists. E. Irwin
Term
Half-
Course

[HUMB42F] Images of Women in French Literature
In The Second Sex Simone de Beauvoir asserts “one is not born a woman; one becomes one.” This course will investigate to what extent prominent male authors from the seventeenth century to the present reflect this metaphorically alluded to by de Beauvoir, and in what ways they contribute to it by their description of femininity. The reading list includes The Second Sex and works by Molière, Balzac, Flaubert, Zola, Breton, Bazin and Genet (in English translation). Students with a solid background in French will be encouraged to read them in the original. C. Jennings
Term
Half-
Course

[HUMB43S] Women's Consciousness in French Literature
An analysis of the status of women and the concept of femininity as experienced and described by prominent female authors from the seventeenth century to the present. The reading list includes Simone de Beauvoir's The Second Sex, and works by de La Fayette, Sand, Colette, de Beauvoir, Mallet-Joris, Leduc, Sarraste and Rocheforts. C. Jennings
Prerequisites: HUMB42 recommended
Term
Half-
Course

[HUMB00S] Emergence of Modern Poems
Course not offered in 1973-74. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LITB01]
Term
Half-
Course

[HUMB02F] guilt and Conscience in Post-World War II Literature
Course not offered in 1973-74. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LITB02]
Term
Half-
Course

[HUMB07S] "The Ulysses Factor": The "Odyssey" motif from Homer to the present
Course not offered in 1973-74.
Term
Half-
Course

[HUMB08F] Orpheus: The Quest for Beauty
A study of the myth of Orpheus, as a recurrent motif in art, religion, literature, music and film. The following materials will be included (in translation): The Orphic Hymns, Apollonius Rhodius: The Voyage of the Argonauts, Virgil Georgics, Ovid Metamorphoses, Sur Orphe, Guick Orfeo, Holme Sonnets to Orpheus, Arnoth Euridice, Vergil Orpheus, Black Orpheus: W.K.C. Guthrie: Orphee and Greek Religion, E. Sewell: The Orphic Voice: J. Warden
Term
Half-
Course

[HUMB10F] Utopia: From More to Hasley
Course not offered in 1973-74.
Term
Half-
Course

[HUMB11Y] The Art of Satori
Course not offered in 1973-74.
Full
Prerequisites: One previous course in Literature
Course

Course not offered in 1973-74.
Full
Prerequisites: Reading knowledge of Spanish or French
Course
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Year Offered</th>
<th>Prerequisites</th>
<th>Credits</th>
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<tr>
<td>HUMB51Y</td>
<td>Music in the Contemporary World</td>
<td>Full</td>
<td>Prerequisites: HUMA25</td>
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<tr>
<td>HUMB52Y</td>
<td>The Music of the World’s Peoples</td>
<td>Full</td>
<td>Prerequisites: HUMA25</td>
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<tr>
<td>HUMB61H</td>
<td>Society and Culture in Latin America</td>
<td>Year-Long</td>
<td></td>
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<tr>
<td>HUMB62F</td>
<td>Topics in Contemporary Latin-American Literature In Translation</td>
<td>Term</td>
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<td>Examples of contemporary Latin-American literature will be examined</td>
<td>Half</td>
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<td>from a specific literary and philosophical point of view. Topics</td>
<td>Course</td>
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<td>will be chosen from the following: the novel, with special reference</td>
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<td>to Guzman, Machado, d'Avila and Mallea; two Mexican views of the</td>
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<td>Mexican character; the short story; Borges, Cortazar and Mallea. P.</td>
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<td>Leihn</td>
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<tr>
<td>HUMB71Y</td>
<td>Introduction to Cinema</td>
<td>Full</td>
<td>Prerequisites: One previous course in</td>
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<td></td>
<td>[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HUMB801]</td>
<td>Course</td>
<td>Literature or Fine Art</td>
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<tr>
<td>HUMB72F</td>
<td>Art, Politics &amp; Revolution</td>
<td>Term</td>
<td>Prerequisites: Limit enrolment: 40. B.</td>
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<td></td>
<td>[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HUMB12]</td>
<td>Half</td>
<td>Martinez</td>
<td></td>
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<tr>
<td>HUMB73Y</td>
<td>Experience, Communication and Language</td>
<td>Full</td>
<td>Prerequisites: Limit enrolment: 40. B.</td>
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<tr>
<td></td>
<td>[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HUMB803]</td>
<td>Course</td>
<td>Martinez</td>
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<td></td>
<td>An inquiry into the nature of human experience and problems of</td>
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<td>communication. The main objective of this course is to investigate the</td>
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<td>theoretical and methodological implications of experiential theory.</td>
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<td>Readings will be taken from such sources as philosophy, psychology,</td>
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<td>linguistics, the arts, and education. Major concentration in at least one</td>
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<td>of the above areas is desirable. Limit enrolment: 30. S. Aments</td>
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<tr>
<td>HUMB74Y</td>
<td>Contemporary Cultures in Question</td>
<td>Full</td>
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<td>[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HUMB13]</td>
<td>Course</td>
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<tr>
<td>HUMB90Y</td>
<td>Creative Writing: An Introduction</td>
<td>Full</td>
<td>Prerequisites: Any A-level course</td>
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<td>This course provides student writers with the time and incentive to</td>
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<td>work seriously at their writing within an academic framework. Two 2-hour</td>
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<td>tutorials per week include Writing Fiction, which will deal</td>
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<td>with the students' own writing. Contemporary Novelists, discussing the</td>
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<td>work of selected authors writing now and not yet studied in</td>
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<td>modern literature courses. Students are expected to produce a</td>
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<td>substantial amount of creative work, which may consist of short</td>
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<td>stories (5 or 6 of about 2500 words each), OR a portion of a longer</td>
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<td>work such as a novel or novel (about 10,000 to 15,000 words), OR a</td>
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<td>collection of poems (20 to 30). In addition, students will be</td>
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<td>required to present 2 or 3 papers on the past modern novelists of</td>
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<td>their choice. Admission to this course is at the discretion of the</td>
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<td>instructor, who will base his judgment on samples of writing which</td>
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<td>students must supply. Enrollment is limited to 12. Interviews with</td>
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<td>samples will be held during the first two days of registration. M. Myers</td>
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<td>HUMC015</td>
<td>Lyric Poetry of the Middle ages in the Mediterranean Area</td>
<td>Term</td>
<td>Prerequisites: Limit enrolment: 20. C.</td>
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<td></td>
<td>Course not offered in 1973-74</td>
<td>Half</td>
<td>Literature or English Literature</td>
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<tr>
<td>HUMC02Y</td>
<td>A seminar in Literary Theory and Practice</td>
<td>Term</td>
<td>Prerequisites: Limit enrolment: 20. C.</td>
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<td>A study of critical theories from Plato and Aristotle to Eliot and</td>
<td>Half</td>
<td>Literature or English Literature</td>
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<td>Northrop Frye. Major literary works from different periods will be</td>
<td>Course</td>
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Italian

Scarborough College offers a wide range of courses on the language and literature of Italy from the Middle Ages to the present. For students who have no previous training in the language, the study of Italian begins at the elementary level with ITA001. Students with Grade 13 Italian (or equivalent), take ITA002 which is the prerequisite for literature courses as well as for the more advanced language courses. In both courses, emphasis is given to the spoken and written aspects of the language.

Courses offered by other disciplines may prove directly valuable to the student in Italian as adjuncts to his plan of study or as an enrichment of his total programme. Similarly, certain aspects of Italian literature complement other areas of interest, such as Fine Art, Music, and English, French, Latin, or Spanish literature.

Students enrolled in Italian, some of whom may later wish to enrol in the Faculty of Education or to continue their studies at the graduate level, are strongly urged to confer with their instructors at the earliest possible date in order to establish a comprehensive and coherent plan of study. For further information consult Prof. A. Franceschetti.

ITA001Y Introductory Italian
[May not be taken in same degree programme as ITA001] Elements of Italian grammar, with attention given to oral practice in classroom and laboratory. Short contemporary texts will be studied. G. Katz

ITA002 Intermediate Italian
Course [May not be taken in same degree programme as ITA002] Intensive review of the grammar, with drills, exercises and compositions. E. Costa

ITA004S Advanced Composition and Conversation
Course [May not be taken in same degree programme as ITA004] Study and analysis of selected texts, translations and compositions. E. Costa

ITA121H The Twentieth Century Novel
Course [May not be taken in same degree programme as ITA121] A survey of themes and trends in the novel, with attention given to the social, political, and intellectual conditions of the student period. Closely related to E. Costa (Wheaton 1960). E. Costa
Prerequisites: ITA002 or ITA002

ITA021Y Introduction to Italian Literature
Course A survey of Italian literature, from the Middle Ages to the present. E. Costa
Prerequisites: ITA002 or ITA002

ITA311Y Dante and Medieval Culture
Course Introduction to medieval Italian literature with special reference to Dante. A. Franceschetti
Prerequisites: ITA002 or ITA002

ITA332S Petrarch and Boccaccio
Course not offered in 1973-74.
Prerequisites: ITA002 or ITA002

ITA333F Aspects of Italian Thought in the XV and XVI Centuries
Course A study of the origins and development of Italian Humanism with reference to Petrarch, Boccaccio, Valla, Ficino, Pico, Machiavelli, Guicciardini and Castiglione. A. Franceschetti
Prerequisites: ITA002 or ITA002

ITA343S The Renaissance Epic
Course not offered in 1973-74.
Prerequisites: ITA002 or ITA002
Lyric Poetry of the Renaissance (from Poliziano to Michelangelo)

Course not offered in 1973-74.
Prerequisites: ITA002 or ITA002

Term
Half-
Course

Reformation and Baroque Literature

Course not offered in 1973-74.
Prerequisites: ITA002 or ITA002

Term
Half-
Course

Italian Eighteenth Century Theatre

Prerequisites: ITA002 or ITA002

Term
Half-
Course

Foscolo and Leopardi

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ITAB42]
Reading and analysis of selected works, with attention to Foscolo's Neo-Classicism, and characteristics of Italian Romanticism.

E. Costo
Prerequisites: ITA002 or ITA002

Term
Half-
Course

Manzoni

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ITAB42]
A study of Manzoni's lyric poetry, tragedies, and life.

S. Matter
Prerequisites: ITA002 or ITA002

Term
Half-
Course

Supervised Reading

Prerequisites: ITA002 or ITA002

Term
Half-
Course

See Calendar, p. 31.

Prerequisites: ITA002 or ITA002

Supervised Reading

See Calendar, p. 31.

Prerequisites: ITA002 or ITA002

[May not be taken in same degree programme as LINA01]

An introduction to the study of language, with reference to

Latin American Area Studies

The University of Toronto offers a programme in Latin American Studies. Full details of the programme are given in the current St. George Campus Calendar. At Scarborough College, a number of courses relevant to the programme can be taken. These are: Spanish A01, B02, B28, B33, Anthropology B03, and Humanities B19, B32, Sociology C17.

Further information about Latin American Studies may be obtained from Professor Pedro León, H507A, who will offer advice also on possible combinations of courses in this area.

Linguistics

Linguistics is the study of language as a phenomenon of human behaviour. As the essence of language is speech and the psychological realities underlying it, the courses offered may be grouped as follows: the description of the sounds and forms of language (LINA02, LINA03, LINA01, LINA02 and LINA03), the history of the sounds and forms of language (LINA04), and the study of several aspects of language use: meaning (LINA06), social and cultural functions (LINA07), psychology of language (LINA05). For further information consult Prof. R. J. Binnick.

Students should consult listings under:

ANT109 History of Ethnological Theory
GRK101 Introductory Greek
LATA01 Introductory Latin
ENGB02 Chaucer
FRE846 Principles of toxicology and their application to Modern French
FRE848 Theoretical and Practical Phonetics
MAT155 Introduction to Computing
MATB08 Programming Languages and their Applications
PHL300 Philosophy of Language
PSY101 Introduction to Psychology
PSY220 Developmental
PSYB50 Sensing and Perceiving
PSYB60 Physiological Psychology
SOCI101 Introduction to Sociology
SPAN01 Phonetics

LINA02F General Linguistics I

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LINA01]

An introduction to the study of language, with reference to
Term    Half    Course
LINA005   General Linguistics II
          [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LINA001] Several methods of linguistic analysis will be discussed as well as the sound and form systems which make up language. R. Bimelch; J.D. Woods
Prerequisites: LINA02

[LINB01F] Basal of Linguistic Theory
Course not offered in 1973-74.
Prerequisites: LINA01, or LINA02; LINA03

LINB02S Phonology
The sounds of language and their analysis; theoretical approaches to the sound patterns of various languages. Synchronic and diachronic views of sound shift and sound change. J.D. Woods
Prerequisites: LINA01, or LINA02; LINA03

LINB03T Syntax
Contemporary views of larger linguistic units, their analysis and constitution. Immediate constituent analysis and the transformational-generative approach. R. Bimelch
Prerequisites: LINA01, or LINA02; LINA03

[LINB04S] Historical and Comparative Linguistics
Course not offered in 1973-74.
Prerequisites: LINA01, or LINA02

LINB05S Psycholinguistics
Primary Language acquisition; language encoding and decoding; the perception of speech. P. Salo
Prerequisites: LINA01 or LINA02

[LINB06S] Semantics
Course not offered in 1973-74.
Prerequisites: LINA03

LINB07Y Sociolinguistics
The structure and use of language as it relates to social and cultural factors. The application of a sociolinguistic research to Canada will comprise approximately half of the year's work. S. Whalen
Prerequisites: or Co-requisites: LINA01, or LINA02 or SOCA01 or SOCA02

LINB08S Scripts
Alphabets and other writing systems, their history, development and use. Hieroglyphics, Cuneiform, and other ancient scripts. History of the Latin and related alphabets. R. Bimelch
Prerequisites: LINA02

LINC01F Supervised Reading
See Calendar, p. 31.
Prerequisites: At least one B-level course in Linguistics; permission of instructor

LINC02S Supervised Reading
See Calendar, p. 31.
Prerequisites: At least one B-level course in Linguistics; permission of instructor

Mathematics
Mathematics is the Queen of Sciences. In all periods of recorded times Mathematics has been part of human culture. Before 300 B.C., the Pythagoreans stated that numbers rule the universe. Plato said that God ever geometrizes and in this century, Einstein remarked that it is Mathematics that gives the natural sciences a certain measure of security.

The impulses for mathematical research come from pure creative curiosity, the need to explain and prove to others that something is true and the need to organize and clarify scientific knowledge. At present mathematical methods are being applied to all fields of knowledge.

The interaction between Mathematics and the other Sciences is and has always been extremely advantageous. Once a physical problem has been described in mathematical terms, it is often easier to analyze. In addition mathematical results often guide and stimulate analogous scientific research. On the other hand many mathematical theories originate in science and find their real importance in application.

Students who intend to specialize in Mathematics are advised to register initially in MATA40, MATA45 and MATA55. Students who have a special interest in Computer Science should in addition take MATA38 and MATA68.

Programs of study should be chosen individually in consultation with a faculty member. Normally courses will be chosen from the following selection: MATB25,
MATB40, MATB45, MATB46, MATB50, MATB51, MATB53, MATB55, MATB56, MATC46, MATC56, MATC55, MATC60, MATC65. Students who are interested in Computer Science should take MATB66, MATB73, MATB75. Students who are interested in applications to the Physical Sciences should take MATB41, MATB46, MATB51, MATB55. Students who are interested in applications to the Social and Natural Sciences should take MATB22 and MATB67.

Students who have a general interest in Mathematics or Computer Science but who do not wish to specialize in it could take MATA20, MATA25, MATA26, MATA58, MATB41.

The Grade 13 prerequisites for appropriate courses are stated as “Grade 13 F & R for Functions and Relations, C for Calculus, A for Algebra”.

**MATA29F**
Nature of Mathematics
Term
Half-Course
A brief introduction to the major branches of mathematics with an emphasis on historical development. Algebra: From digit to the real numbers of Cauchy and Dedekind to “modern” abstract algebra. Geometry: From Euclid to the non-Euclidean geometries of Bolyai, Gauss, Riemann and Lobachevsky, to differential geometry and topology. Analysis: From Descartes to Newton to Cauchy and Fourier. Logic: From Aristotle to Boole to Russell to Goedel. A term paper will be required. E. Mendelsohn

**MATA25S**
Mathematics and Society
Introduction to the nature of applied mathematics. Topics include statistics, probability, thermodynamics, relativity, econometrics, and game theory. Research. The emphasis is on the specific mathematical problems which led to the development of a branch of applied mathematics and how this mathematical help was used to solve the original problem. A term paper will be required.

**MATA25Y**
Techniques of Calculus
Prerequisites: Grade 13 F & R or C or A

**MATA40F**
Introduction to Linear Algebra

The vector space of n matrices. Systems of linear equations.
Prerequisites: Grade 13 F & R or C or A

**MATA45S**
Linear Algebra I
Term
Half-Course
The rank of a matrix. Eigenvalues. Geometrical applications.
Prerequisites: MATA40

**MATA55Y**
Calculus
Prerequisites: Grade 13 F & R or C

**MATA55F**
Introduction to Computing
Algorithms and flow charts. Introduction to computer organization and assembly language. Programming in a high-level language such as PASCAL. Elementary applications.

**MATA68S**
Problem Solving with Computers
May NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB35. Computer applications. Non-numerical problems and simulations. Validity of computer models. Topics from graph theory, data processing and other non-numerical areas.
Prerequisites: MATA55

**MATB25Y**
Geometry
Prerequisites: MATA45

**MATI40F**
Linear Algebra II
Term
Half-Course
Prerequisites: MATA45
MATB41F  Vector Calculus
Term: MATB50| Differential and integral calculus of scalar and vector functions of a vector variable, with emphasis on two-dimensional cases. Green's theorem and Stokes' theorem. (This course concentrates on computational techniques with a careful statement of results but little emphasis on proofs.)
Prerequisites: MATA26 or MATA55

MATB45S  Linear Algebra III
Term: Orthogonal, symplectic and hermitian spaces, isometries, reflections, QR’s theorem, nontrivial subspaces, the orthogonal group. The general linear group, tensor products, exterior algebra, E.R.
Half: Eilers
Course: Prerequisites: MATB40

MATB46S  Applied Mathematics and Mechanics
Term: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB41] Methods of Lagrange and Hamilton. Variational principles, rigid body motion, special relativity, Hamilton-Jacobi theory, J.S. Holperin
Half: Prerequisites: MATB51; MATB50; PHYA01 or PHYA02
Course: PHYB02

MATB50F  Analysis
Term: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB41] Partial Derivatives, Implicit differentiation, Extrema of functions with side conditions, Series of functions, Uniform convergence, Limit and derivative under the integral sign, Multiplication, differentiation and integration of series, Power series. The calculus of vector functions.
Half: Prerequisites: MATA55; MATA45
Course: MATB55

MATB51F  Differential Equations I
Half: Prerequisites: MATA55; MATA45
Course: MATB50
Prerequisites: MATB55; MATA45

MATB52F  Probability and Statistics I
Term: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB07 AND SOSA01] Sample space, random variables, univariate and multivariate distributions. Point and interval estimations. Tests of significance, parametric and non-parametric. Selected applications to psychology, sociology, industrial problems, medical research, etc. A. Rapport
Half: Prerequisites: MATB55 or MATA26
Course: MATB53S

MATB53S  Numerical Methods
Half: Prerequisites: MATA40; MATA55
Course: MATB55S

MATB55S  Analysis II
Term: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB41] The topology of the n-dimensional Euclidean space. Multiple integrals and transformation of variables. Integration of n-forms, Exterior calculus, Line integrals, winding number, Green’s theorem, Surface integrals and Stokes’ theorem. (Mathematical rigour is emphasized.)
Half: Prerequisites: MATB50
Course: MATB56S

MATB56S  Differential Equations II
Half: Prerequisites: MATB51
Course: MATB57S

MATB57S  Probability and Statistics II
Half: Prerequisites: MATB52
Course: MATB68F

MATB68F  Programming Languages and Their Applications
Term: Programming languages and applications. The syntax and semantics of various programming languages, including both algebraic and symbolic manipulation languages. Data Structures. Numerical and non-numerical applications.
Half: Prerequisites: MATB58 or MATA68
Course: MATB73F

MATB73F  Computer Organization
Term: Computer structure, machine language, instruction execution, addressing techniques and digital representation of data. Computer system organization. Memory storage devices, Survey of logic design and microprogramming. Some case studies of actual machines to
**Music**

Music at Scarborouugh College is considered as one of the liberal arts. The approach to musical style is historical and humanistic, and these courses differ in some respects from those designed for composers and performers. Performing skills are not required for this kind of study. It is expected that additional courses will be added in succeeding years. For further information consult Prof. H. Wittmenn.

Students should consult listings under:

- HUMA51 Introduction to Music
- HUMBS1 Music in the Contemporary World
- HUMBS2 The Music of the World's Peoples

**Natural Science**

Students should also consult listings under:

- MATA20 Nature of Mathematics I
- MATA25 Nature of Mathematics II

**NSCA01Y** Introduction to Natural Science: The Physical Sciences

This course has two main purposes. It provides a comprehensive introduction to Science for the future teacher, lawyer, economist, governmental 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, philosophical and social implications of modern science, and questions of determinism-indeterminacy constitute other themes. Considerable use is made of films and demonstrations to supplement the lectures. Much of the tutorial time is devoted to discussion sessions. Reading and essay writing are an important part of the course. J. D. Kung

**NSCA02Y** Introduction to Natural Science: The Biological Sciences

This course is designed for students with no formal background in Biology, and in particular for those whose main interests are not in the Natural Sciences. It aims to present an integrated view of the biological basis of individuality, social structure and ecological systems. An understanding of problems of environment, resources, population and race is based on a core of biological knowledge. This will be examined in three central categories: Man, inheritance and
society, Population and Resources; The Cytemetics of Ecosystems. Reading and essay writing will be an integral part of the course, supplemented by lectures and discussion periods. J.C. Ritchie

NSCA03Y
Quaternary Environments and Man
Full Course

A multidisciplinary course designed to introduce the student to the events and processes that have shaped the physical, biological and cultural aspects of the world in which we live. Specifically, the course will emphasize the inter-disciplinary nature of the diverse fields investigating the last major period in the earth's history, the Quaternary. Included in the presentation will be the findings and methodologies of such disciplines as Geology and Geomorphology, Historical Ecology and Prehistoric Archeology. The format will consist of lectures, tutorials, demonstration laboratories and independent assignments. B. Greenwood, J.C. Ritchie, H.B. Schroeder

[NSCR01S
Behavior Biology: Seminar in Psychobiology}
Course not offered in 1973-74.
Term
Half
Course

Philosophy

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

Students who wish to specialize in Philosophy should complete at least twelve 2-level courses in this subject. Those intending to do graduate work in Philosophy are strongly urged to include within their programme two courses in Logic, at least two courses in the History of Philosophy, and courses in Theory of Knowledge (PHLE54) and Metaphysics (PHLE55). Members of the faculty in Philosophy will be pleased to offer advice and assistance in the planning of such programmes. For further information consult Prof. P. Gouge.

PHLA01Y
Fundamental Questions of Philosophy
Full Course

What is good reasoning? What is morality and can it be justified? Is it reasonable to adhere to a religion? What is knowledge? Are social practices justifiable? Is materialism true? Are humans free? Members of the faculty

PHLA02Y
Philosophic Classics
A consideration of the philosophy of Plato, Russell, Nietzsche,
PHL656F Philosophy of Religion
Term: Fall
Course: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHL625] A study of such topics as the nature and existence of God, immorality, God and morality, and religious language and symbol-ism. P. Gosch; D. Mosher

PHL665S Philosophy of Religion
Term: Fall
Course: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHL625] The same as PHL656F. P. Gosch; D. Mosher

PHL675F Philosophy and Art
Term: Fall
Course: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHL625] A study of the nature and purposes of art, considering such questions as the interpretation and evaluation of works of art, the uniqueness of artistic experiences, artistic creativity, and the importance of art. P. Gosch; D. Mosher

PHL680F Philosophy in Literature
Term: Fall
Course: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHL625] An examination of philosophical theories and claims in literary works. Authors may include Camus, Gide, Kafka, Murdoch, Barthes, Hesse, Vonnegut. Topics may include the nature of the self, the meaning of life, the objectivity of values, the character of morality. Authors and topics may vary from year to year. N. Greenberg

PHL682F Philosophy of Social Science
Term: Fall
Course: A study of philosophical questions related to the social sciences. What is an explanation and how are theories formed in the social sciences? Can a social science be value-free? Is social science bad philosophy or is philosophy an armchair social science? How does social theory interact with social reality? Given in alternate years. F. Cunningham
Prerequisites: One course in Philosophy or in the Division of Social Science

PHL683S Philosophy of Science
Term: Fall
Course: A study of philosophical questions raised by the natural sciences. What is scientific explanation? In what sense does a science tell us what the world is really like? What is causality and does it play a significant role in science? How are theories justified? Given in alternate years. C. Taylor
Prerequisites: One course in Philosophy or in the Division of Science

PHL684 Philosophy of History
Course not offered in 1973-74.

PHL685F Plato and His Predecessors
Term: Fall
Course: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHL611] A study of the origins of philosophy in Greece and the views of the earliest philosophers regarding the nature of the world. A consideration of the main aspects of the philosophy of Plato. P. Gosch

PHL686S Aristotle and Later Greek Philosophy
Term: Fall
Course: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHL611] A study of the central themes of the philosophy of Aristotle. A consideration of such developments as Stoicism and Epicureanism. D. Mosher

PHL697F Philosophers of the Middle Ages
Term: Fall
Course: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHL612] A study of the characteristic views and assumptions of medieval philosophers. Authors to be studied may include Augustine, Thomas Aquinas, Anselm and William of Ockham. Some attention will be given to the question of the relation of religion and philosophy. D. Mosher

PHL711F Philosophy in the Early Modern Age
Term: Fall
Course: Revolutions in science and philosophy involved men in a radical rethinking of the powers of reason, the limits of experience, and the nature of man and reality. Philosophers who dominate this period are Descartes, Leibniz, Locke, Spinoza, Berkeley, and Hume. D. Savar

PHL725 Kant, Idealism, and Romanticism
Term: Fall
Course: A study of themes in Kant's philosophy and their development in such philosophers as Fichte, Schelling, Hegel, and Nietzsche. (Emphasis may vary from year to year.)

PHL735 Bertrand Russell and the Analytic Tradition
Term: Fall
Course: [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHL633] A study of Russell and philosophical approaches related to his work. Such figures as Moore, Wittgenstein, Ayer and Watson may be discussed. P. Gosch
Prerequisites: One of PHL633, PHL634, PHL635, PHL665, PHL667, PHL675, PHL680
PHLB76F

Surrey and the Continental Tradition

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
PHLB18 OR PHLCS4]
A study of the views and approaches
characteristic of such writers as Kleinkeg, Husserl, Jaspers,
Heidegger and Sartre. O. 8 units
Prerequisites: One B-level course in Philosophy

PHLB77S

Marx and Marxism

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
PHLC53] The philosophies of Marx, Engels, Lenin and others. F.
Half-
Course
Prerequisites: One course in Philosophy, Sociology, Political
Science or Economics. PHL852 is recommended

PHLB78S

Contemporary Ethics

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
PHLB2 OR PHLCS6] A seminar on current moral philosophy. H.
Half-
Course
Prerequisites: One B-level course in Philosophy. PHL851 is
recommended

PHLB79F

Theories of Mind

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
PHLB2] An examination of the philosophical presuppositions of
psychological theories such as those of Freud and Jung, Behaviour-
ism and Existential Psychology. Problems such as the relation of
mind and body, conscious and unconscious, the meaning of mental-
istic concepts and the analysis of dreaming will be studied. O. 8 units
Prerequisites: One B-level course in Philosophy or Psychology

PHLB80S

Philosophy of Language

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
PHLB3 OR PHLCS6] Contemporary theories of meaning, refer-
cence, grammar and the nature of language.
Half-
Course
Prerequisites: One B-level course in Philosophy or Linguistics

PHLB82S

Intermediate Logic

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
PHLB3 OR PHLCS] An extension of quantification theory to
include identity and definite descriptions, and a study of topics such
as the history, nature and limits of formal systems. H. 8 units
Prerequisites: PHL83 or two courses in Mathematics

PHLB87

Contemporary Philosophical Issues

A discussion of philosophers or philosophical claims of contem-

PHLB90F

Physics

Physics is the study of inanimate matter in action, and of the basic laws which
describe how the parts of matter move, and how they influence each other. The
effect of a star on the motion of a planet, or of the earth on the motion of a
satellite, the effect of a molecule on a neighbouring atom, or of an atomic nucleus
on an electron, may be accurately described in terms of the general laws of physics.
Although Newton’s laws of motion adequately describe some of these situations,
most cases it is necessary to apply the more recently discovered refinements of
these laws − quantum mechanics and the theory of relativity, together with the
understanding of electric and magnetic effects, so beautifully synthesized in
Maxwell’s theory of electromagnetism. From these basic principles many of the
properties of gases, liquids, solids, plasmas, and nuclear matter may be understood
in terms of the interactions between the individual units of which these forms of
matter are composed.

Physics allows us to describe the properties of light, sound and heat up to the
point where these enter our senses and of X-ray, radio, cosmic and other radiations
of which we are not directly aware. The remarkable properties of some materials
under extreme conditions of temperature and pressure, and of other materials when
an electric current passes through them, form the basis of a wide range of
applications of the subject.

It is possible to develop, in mathematical language, theories that run so closely
parallel to the development of physical phenomena that they may be used to
accurately describe and even predict the results of many carefully controlled
experiments. The study of Physics therefore requires some studies both of
Mathematics and of the techniques that are needed in the performance of accurate experiments.

Students intending to specialize in Physics are advised to register initially in PHYA01, MAT40, MAT45, and MAT55. Programmes of study should be worked out individually in consultation with a member of the Faculty and the counsellor; normally three would include PHYB01, PHYB04, PHYB05, PHYB08, PHYC01, PHYC03, PHYC05; as well as MATB40, MATB50, MATB51, MATB55, MATB56, MATC60. To qualify as a Physics Specialist, a student would then need to complete PHYC303 and three 400-series Physics courses given on the St. George campus or PHYC303 and two 400-series courses and PHYC10. [Students intending to specialize in Meteorology should take PHYC303 prior to their last five courses.]

Less intensive programmes are available for those whose major interests do not lie in Physics. Specifically, the pair of courses PHYA02 and PHYB06 cover most major topics in Physics and the principles of their application in some areas of modern technology. An intermediate laboratory course (PHYB08) provides a broad spectrum of experiments for students of PHYB01 or of PHYB06. Additional more specialized B-level courses are also open to students who have completed A-level Physics and Calculus courses.

The listed pre- and corequisites imply others not explicitly listed; such an explicit listing is available from the counsellor or the Physical Sciences Group office.

Students should also consult listing under:

MATB46 Applied Mathematics and Mechanics

NSCA01 Introduction to Natural Science: The Physical Sciences

PHYA01Y Elementary Mechanics

Full Course

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHYA02] Motions of single particles and collections of particles, both from the classical and from the relativistic points of view. A laboratory emphasizing mechanics, but also including a variety of other elementary experiments, accompanies the lecture course. This course is intended for students whose major interests are in the Physical Sciences. J. M. Perez

Prerequisites: Grade 13 Physics, Grade 13 Calculus

Corequisites: MATB26 or MATA55

PHYA02Y Principles of Physics

Full Course

[MAY NOT BE TAKEN IN THE SAME DEGREE PROGRAMME AS PHYA01] This course with its laboratory given a basic treatment of the principles of physics. It is complete in itself but also provides a foundation for those wishing to pursue further courses in physics. It is intended for those who do not expect to continue with major studies in physics. The topics include: mechanics, laws of motion, momentum, energy, special theory of relativity, simple harmonic motion, gravitational forces, thermodynamics, electricity and magnetism, waves, light, quanta, atoms, the solid state, the nucleus. J. C. Corbin, G. L. Scott

Corequisites: MATB26 or MATA55

PHYB01Y Electricity and Magnetism

Full Course

[NOT TO BE TAKEN IN SAME DEGREE PROGRAMME AS PHYB06] Classical theory of electromagnetism, using the powerful concept of fields and potentials. Electrostatics, electric field, scalar potential, electric currents, magnetostatics, magnetic field, vector potential, fields of moving charges, electromagnetic induction, Maxwell's equations, circuits, electric and magnetic fields in matter. This course is essential to a Physics Specialist Programme. A. E. Jacobs

Prerequisites: PHYA01 or PHYA02

Corequisites: MATB41 or MATB50

PHYB04S Waves

Term Full Course

Topics discussed include wave equations, superposition of waves, emission and absorption of waves, interference, and diffraction. Applications are made to sound waves, radio waves, light waves, surface water waves, and waves on a string.

This course is essential to a Physics Specialist Programme. M. R. Wolfer

Prerequisites: PHYA01 or PHYA02; MATB26 or MATA55

PHYB05F Statistical Physics

Full Course

Fundamental topics discussed include the concept of entropy, the laws of thermodynamics, and the uses of ensembles in statistical mechanics. Applications include the kinetic theory of gases, paramagnetism, the specific heats of solids, the thermal contraction of rubber, the separation of isotopes, osmosis, and phase transitions.

This course is essential to a Physics Specialist Programme. M. E. Walker

Prerequisites: PHYA01 or PHYA02; MATB26 or MATA55

PHYB06Y Contemporary Physics

Full Course

[NOT TO BE TAKEN IN SAME DEGREE PROGRAMME AS PHYB01] This broad introduction to the principles and some applications of modern physics is a natural continuation of PHYA02. The core of the course will be the study of electricity and magnetism and the properties of atoms, nuclei, molecules and crystals from the standpoint of quantum theory. Applications will include such topics as lasers, quantum theory of measurement, electron microscopes, X-ray scattering, nuclear reactors, properties of radioisotopes, radiation hazards, semiconductors and superconductors. This course is intended for students whose interests are in the life sciences or in interdisciplinary studies and who wish to
PHYS01Y Quantum Physics
Full Course [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHYS112] Introduction to the basic ideas of quantum mechanics and its applications in modern Physics. This course is essential to a Physics Specialist Programme. P.J. O'Donnell
Prerequisites: PHYS01, MATB50
Corequisites: MATB51

PHYS03Y Electromagnetic Fields and Waves
Full Course [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHYS112] A discussion of Maxwell's equations for free space and in condensed matter. This course is essential to a Physics Specialist Programme. P.A. Griffin
Prerequisites: PHYS01, PHYS03, MATB50
Corequisites: MATB51

PHYS05Y Advanced Physics Laboratory
Year-Long Course [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHYS112] A selection is made of a number of advanced and detailed experiments illustrating fundamental principles and techniques in Physics. P.J. O’Donnell
Prerequisites: PHYS01
Corequisites: PHYS01

PHYS07Y Relativity and Cosmology
Year-Long Course [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ASTC01] See listing under Astronomy (ASTC01Y). P.M. Griffin
Prerequisites: MATB45, PHYS01Y or permission of instructor

For 1973-74, these requirements will be waived if the student meets the requirements listed in, and implied by, the 1972-73 calendar.

Political Science
Supervisor of Studies: R. Blair

There is no concise and satisfactory definition of "politics". Thus it has been suggested that politics is "the art of the possible", that politics is about the resolution of conflict and the accommodation of diverse interests, that politics is about power and "Who gets What, When and How", that politics is about "the Good", and so forth. Indeed, in a sense the study of politics is a continuing exploration of these suggestions. But on the whole, as one writer has proposed, it is wise "to start with ordinary usage, and to explore its implications, rather than to begin or end with a formal definition."

The academic study of politics ranges from philosophical speculation to the empirical analysis of political behaviour. As a discipline it is loosely constructed, although in recent years a more rigorous method has been employed in several fields. In fact, the scope of the subject reveals the impossibility of clearly separating Political Science from a number of other disciplines. At the same time, within the discipline of Political Science itself it is customary to recognize the existence of several major fields, i.e., Political Theory, International Relations, Comparative Government, Political Behaviour and Public Administration.

A programme of studies for those students wishing to receive Specialist accreditation in Political Science would require a minimum of 8 courses in the discipline, including: (1) an Advanced course (2) two courses in Political Theory (3) a course in Canadian Government (4) a course in any three of the following four fields - International Relations; Comparative Government (Developed); Comparative Governments (Developing); Political Behaviour. Students who intend to secure Specialist accreditation are requested to consult with the Supervisor of Studies when planning their programmes.

POLA01Y Canadian Government and Politics
Full Course 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. N.S. Blair, J. Edeyrey

POLA02Y Introduction to Politics
Full Course A study of both the theory and practice of politics. An analysis will be made of a number of basic political concepts (e.g. power, authority, equality, freedom, democracy, nation, nationalism, consensus, representation, state, ideology, class, interest) with references to various political systems, past and present. Particular emphasis will be laid upon the Canadian political experience. R.S. Blair
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<tr>
<th>Code</th>
<th>Title</th>
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<th>Prerequisites</th>
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<tbody>
<tr>
<td>POLA03Y</td>
<td>Comparative Government</td>
<td>Full</td>
<td>Course</td>
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<tr>
<td>POLB20F</td>
<td>Canadian Political Parties</td>
<td>Term</td>
<td>Half</td>
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<td>POLB03Y</td>
<td>Modern Political Thought</td>
<td>Full</td>
<td>Course</td>
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<td>POLB06Y</td>
<td>Political Thought from Plato to Locke</td>
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<td>POLB10Y</td>
<td>International Relations</td>
<td>Full</td>
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<td>POLB12Y</td>
<td>Politics and Society in Independent Africa</td>
<td>Full</td>
<td>Course</td>
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<tr>
<td>POLB17Y</td>
<td>The Chinese Political System</td>
<td>Full</td>
<td>Course</td>
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<tr>
<td>POLB18Y</td>
<td>Comparative Politics of Western Europe</td>
<td>Full</td>
<td>Course</td>
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<tr>
<td>POLB19F</td>
<td>Canadian Federalism</td>
<td>Term</td>
<td>Half</td>
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<tr>
<td>POLB20S</td>
<td>Provincial and Local Government</td>
<td>Term</td>
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**POLB18Y** Comparative Politics of Western Europe

An examination of the development of modern political systems through comparative study of France, Germany, Great Britain, and Italy. Whether possible, reference will also be made to some of the smaller West European countries, such as Belgium, the Netherlands, Switzerland, Austria, and Sweden. Special emphasis will be given to:

1. the different responses to democratization, industrialization, and nationalism;
2. the relationship between values and institutions;
3. the problems posed for parliamentary democracy by industrial concentration and governmental intervention in society. *G. Friesen*

**POLB19F** Canadian Federalism

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS POLB14Y] The theory and practice of modern Canadian federalism. Each student will be expected to develop one specific aspect of the course in greater depth, e.g., the role of the courts, constitutional amendment, the machinery of federal-provincial relations, fiscal issues, federalism and the party system, federalism and international relations, etc. *J. Esbeney*

**POLB20S** Provincial and Local Government

An inquiry into the extent to which provincial and local governments in Canada are conducive to such basic political values as liberty, participation and efficiency. It deals formally with questions of structure, processes and policy, in the framework of recent attempts at reform. *J. Ogore*

**POLB14Y** Comparative Politics of Western Europe

An examination of the development of modern political systems through comparative study of France, Germany, Great Britain, and Italy. Whether possible, reference will also be made to some of the smaller West European countries, such as Belgium, the Netherlands, Switzerland, Austria, and Sweden. Special emphasis will be given to:

1. the different responses to democratization, industrialization, and nationalism;
2. the relationship between values and institutions;
3. the problems posed for parliamentary democracy by industrial concentration and governmental intervention in society. *G. Friesen*

**POLB20S** Provincial and Local Government

An inquiry into the extent to which provincial and local governments in Canada are conducive to such basic political values as liberty, participation and efficiency. It deals formally with questions of structure, processes and policy, in the framework of recent attempts at reform. *J. Ogore*

**POLB21Y** Psychology and Politics

An examination of the relevance of psychological knowledge to an understanding of the political process. Topics to be covered will include: human nature and politics; personality and politics; psychological elements of political leadership, psychological aspects of international relations. *J. Esbeney*

**POLB22Y** U.S. Government and Politics

A consideration of the three branches of the national government, federalism, and electoral politics. An examination of the nature and function of parties and interest groups in the formation of public
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<th>Course Code</th>
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<tbody>
<tr>
<td>POLB275</td>
<td>Collective Decision Making</td>
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<td>MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SONB04 OR ECOB275. See listing under ECOB275.</td>
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<td>Term</td>
<td>Half-Credit Course</td>
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<tr>
<td>POLB28Y</td>
<td>Selected Topics in Canadian Government</td>
<td>Prerequisites: POLA01</td>
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<td>Term</td>
<td>Full-Credit Course</td>
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<tr>
<td>POLC03F</td>
<td>Marxism-Leninism</td>
<td>Prerequisites: POLB03 or POLB06</td>
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<td>Term</td>
<td>Half-Credit Course</td>
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<tr>
<td>[POLC05Y The New Nations in World Politics]</td>
<td>Course not offered in 1973-74. The role in international affairs of those states which have achieved independence since World War II.</td>
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<tr>
<td>POLC06Y</td>
<td>Comparative Communism</td>
<td>Prerequisites: A B-level course in Political Science</td>
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<td>Full-Credit Course</td>
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<tr>
<td>POLC07Y</td>
<td>Reading Course</td>
<td>Prerequisites: One B-level course in Political Science; permission of instructor</td>
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<td>Full-Credit Course</td>
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<tr>
<td>POLC08Y</td>
<td>Comparative Foreign Policy</td>
<td>Prerequisites: POLB10 or POLB18</td>
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<td>Term</td>
<td>Full-Credit Course</td>
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<tr>
<td>POLC99S</td>
<td>Political Analysis</td>
<td>Prerequisites:</td>
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<td>Term</td>
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<td>The relation of theory and research in the study of politics. The effect of research findings upon political values. The nature of political institutions and the impact of these institutional structures on attempts at political reform and revolution.</td>
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**Psychology**

Psychology is that branch of science which seeks to understand the behavior of organisms. Why humans and other animals do as they do is a puzzle which has always challenged men. Philosophers, artists, novelists, theologians have sought the answer through reason and intuition. But can the methods of scientific inquiry be applied to an understanding of behavior? And, if so, what principles do they reveal?

The areas of interest which Psychology encompasses include: how organisms perceive their environments; how they learn and adapt; how they change over their lifetimes; how they choose among alternate courses of action; how they respond to stress and conflict; and how the presence of other organisms in social settings influence their behavior. The course offerings in Psychology consider how psychologists pursue inquiries in these areas and what knowledge they have gained.

**Specialization in Psychology**

The following specialization programme is offered at Scarborou College. It is strongly recommended that those students who wish to pursue a career in Psychology undertake the specialization programme. In this way, future employers or graduate departments will be able to ascertain that the student has followed a programme comparable to a "Major" programme existing at other universities. A student may include courses on the St. George or Erindale campuses in his programme providing that permission to do so has been obtained in advance of registering in these courses.

**Specialist Programme**

At least 3 full-course equivalents in Psychology, including among them:

- PSYA01 or PSYA02
- PSYB07

*Two of the following: PSYB09, PSYB40, PSYB51, PSYB62
Two of the following: PSYB10, PSYB20, PSYB30, PSYB32, PSYB50
Two C-Level half-courses other than PSYC30, PSYC32, or PSYC38
PSYC90, PSYC92 or PSYC98 are strongly recommended for those following the specialist programme.
Students planning to undertake graduate study in Psychology should include PSYB09 as one of these two courses.

Students should also consult listing under:

NSCA01 Introduction to Natural Science: The Physical Sciences
NSCA02 Introduction to Natural Science: The Biological Sciences
LLN674 Contemporary Cultures in Question
LIN805 Psycholinguistics

PSYAO1Y Introduction to Psychology

Full Course

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYA02] The basic principles and methods of contemporary Psychology, emphasizing their contribution to an understanding of how organisms, both human and infrahuman, perceive their environments, how their behavior is modified by experience, and how their activities are instigated, sustained, and directed. Students interested in gaining laboratory experience in association with their introduction to Psychology may choose PSYA02 in lieu of PSYAO1 or may take PSYB09 concurrently with the Spring Term of PSYA01. Members of the faculty

PSYAO2Y Psychology: An Introduction

Full Course

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYAO1 OR PSYB09] Covers the same range of topics as PSYAO1 but includes a weekly two-hour laboratory period. Members of the faculty

PSYB07F Data Analysis in Psychology

Term

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB02 OR SOSA01] Psychologists, like other scientists, arrive at general principles on the basis of limited evidence. The behavior of man is explained by observing the behavior of men. How is the psychologist able to make the leap from the specific data of his experiments to the generalization he may wish to affirm? The course examines the role of statistical decision-making procedures in drawing reasonable inferences from research findings. It assumes no mathematical sophistication beyond elementary algebra; it does assume a willingness to master quantitative techniques. M. Efron; B. Forino

PSYB08S Experimental Design in Psychology

Term

The course extends the range of techniques examined in PSYB07. Procedures are considered which permit the analysis and interpretation of data from complex multivariate experiments. The course is highly recommended for all students contemplating supervised individual research in Psychology. B. Forino

Prerequisites: PSYB07 or MATB02 or SOSA01

PSYB09F General Experimental Psychology

Term

Half Course

The experimental techniques of Psychology as applied to problems in learning, motivation and perception in infrahuman and human organisms. This course emphasizes research methods in Psychology and is intended to provide a broad foundation of basic information and research techniques required in specialized laboratory courses. Advanced courses. Prior or concurrent enrollment in PSYB07 is recommended. G. Biederman

Prerequisites: PSYA01 or PSYAO2

PSYB09S General Experimental Psychology

Term

Half Course

The same as PSYB09F. G. Biederman

PSYB10F Introduction to Social Psychology

Term

Half Course

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB01] Social psychology focuses on the problem of how human behavior is influenced by others. Among the questions to be considered are: How do we form impressions of other people; how can we change the attitudes of others; what are the effects of competing or cooperating with others on our attitudes towards them; what are causes of prejudice and how can they be eliminated; and, what determines when people will engage in altruistic behavior? A. Ross

Prerequisites: PSYA01 or PSYAO2

PSYB10S Introduction to Social Psychology

Term

Half Course

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB01 AND PSYB10F] The same as PSYB10F. K. Dior

Prerequisites: PSYA01 or PSYAO2

PSYB11F Social Psychology Laboratory

Term

Half Course

Course not offered in 1973-74. This course will consider in depth the research methods used to gather the data discussed in PSYB10 and PSYB12. All students will conduct social psychological experiments in laboratory and in field settings. In addition to class projects, each student will conduct and write up an individual research project. A. Ross

Prerequisites: PSYB07; PSYB10; PSYB12

PSYB12S Social Interaction

Term

Half Course

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYC12] One setting in which human behavior is influenced by others is the social group. The study of human groups and the
Course Interaction of their members is called group dynamics. This course addresses itself to such questions of group dynamics as: what are the effects of belonging to a group on a person's behavior; what is the basis of power in a group; what is leadership and who will assume leadership; what are the effects of different group structures on group interaction? These problems and others will be considered from the point of view of the individual in the group.

Prerequisites: PSYB10

PSYB20F Developmental Psychology

Term Half-Course

[MAy NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB02] Course is divided into two parts. The first examines broad frameworks which have been offered to explain human development: e.g., Piaget's cognitive theory, social learning theory. The second part focuses on selected research areas which deal with different aspects of social and cognitive development in the infant and child; e.g., social attachment, intelligence, sex-roles and achievement. K. Dion

Prerequisites: PSY A01 or PSY A02

PSYB20S Developmental Psychology

Term Half-Course

[MAy NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB02 AND PSYB20F] The same as PSYB20F.

Prerequisites: PSY A01 or PSY A02

PSYB30F Personality

Term Half-Course

[MAy NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB03] How psychologists study the individual and his behavior. Examples of both the traditional broad theories of behavior (e.g., Freud's psychoanalytic theory) and the more contemporary research oriented "miniature theories" will be discussed. The specific research areas which are covered vary somewhat from year to year. Achievement motivation, manifest anxiety, attraction, intelligence, computer models of personality, curiosity and exploratory behavior, personality assessment: and nonverbal behavior are some of the topics which may be included in any given year. A. Kaltu

Prerequisites: PSY A01

PSYB30S Personality

Term Half-Course

[MAy NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB03 AND PSYB30F] The same as PSYB30F. M. Eron

Prerequisites: PSY A01

PSYB32F Abnormal Psychology

Term Half-Course

A critical examination of psychoanalytic, S-R, cognitive-interpersonal, biological and phenomenological views concerning the cause and treatment of abnormal behavior. The conceptual problem of defining abnormality and categorizing its varieties will be emphasized. V. Sanders

Prerequisites: PSY A01

PSYB32S Abnormal Psychology

Term Half-Course

[MAy NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB32F] The same as PSYB32F.

Prerequisites: PSY A01 or PSY A02

PSYB40F Learning

Term Half-Course

[MAy NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB34] Critical review of basic theories and issues in the psychology of learning, with selected laboratory exercises in animal learning. An introduction to the problems and techniques in the study of the acquisition of behavior. Topics include: reinforcement, motivation, classical and instrumental conditioning principles, theory construction. G. Biederman

Prerequisites: PSY A01 or PSY A02; PSYB07 and PSYB09 are recommended but not required

PSYB41S Operant Conditioning

Term Half-Course

[MAy NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB40] Review of operant conditioning research with laboratory exercises in operant schedules of reinforcement and stimulus control of behavior. Emphasizes study of the control of steady-state performance and provides opportunity for the observation and control of operant behavior in infrahuman subjects in the laboratory. Topics include: complex schedules of reinforcement, stimulus control, models of operant behavior, discussion of applications of operant techniques in behavior modification. G. Biederman

Prerequisites: PSY A01 or PSY A02; PSYB07, PSYB09, PSYB40 are recommended but not required

PSYB50F Sensing and Perceiving

Term Half-Course

An investigation of processes by which we gain information and maintain an awareness of our environment. Demonstrations and exercises will illustrate different ideas about sensory systems. Lectures and discussion accompany the practical examples, with the emphasis on the student's understanding of methods for investigating perceiving. Topics will include sensory handicaps, illusions, hallucinations and pain, as well as the normal processes of touch, hearing, and vision. I. Kennedy

Prerequisites: PSY A01 or PSY A02
PSYB035
Perceiving and Knowing
In obtaining information about our environment we both rely on our senses, and make use of various devices, like words, recordings and pictures. Often we also have to question our evidence so see if it should be relied on, and we may find ourselves forced to distinguish between reality and appearance, fact and fiction, possibility and impossibility, picture and pictured, or object and image. In general, we have to make distinctions between various ways in which we can be informed. One of these distinctions will be examined in PSYB035, bringing together evidence from many quarters, on children as well as adults, other cultures as well as our own, and other species besides homo sapiens. Demonstrations and exercises will form an integral part of the coursework, but prior knowledge of laboratory procedures is not required.
J. Kennedy
Prerequisites: PSY A01 or PSY A02

PSYB050
Man and Machines
Man has emerged as a machine which works with machines and spends much of his time interacting with machines. The application of the methods of Experimental Psychology to the relation between man and machines allows us to determine their interaction so that machines can be matched to human performance characteristics and be designed so as to make them more easily and humanly useful by man. We are now able to design machines which learn and which will adapt themselves to the individual user in ways which show the beginners of artificial intelligence in the field. Without the aid of computers, science would have advanced with the help of computers, science would be impossible.
Prerequisites: PSY A01 or PSY A02

PSYB060
Brain Mechanisms and Behaviour
An introduction to the role of physiological mechanisms in behaviour. Topics covered will include neuroanatomy, movement, sensory systems and the physiology of learning and motivation.
W. Mitigram
Prerequisites: PSY A01 or PSY A02

PSYB062
Research in Physiological Psychology
Course not offered in 1973-74. During the first term this course will teach basic techniques used in the investigation of brain function. During the spring term students will do original supervised research in groups or individually.
W. Mitgram

PSYC22F
Socialization Processes
Covers the processes by which an individual becomes a member of a particular social system (or systems). The course examines both the content of socialization (e.g., development of specific social behaviour) and the context in which it occurs (e.g., family, peer group, etc.). Material will be drawn from both social and developmental psychology. Limited enrollment — 25.
A. Dixon
Prerequisites: PSY B10, PSY B20

PSYC31F
Personality and Social Interaction
An examination of the role of nonverbal behaviour and social interaction. Research strategies and data based on both traditional psychological models and the more bioologically oriented ethological approach will be considered. Among the topics to be discussed are non-verbal communication and social regulation in man and other animals, personal space and related territorial-like behaviours, selected man-environment issues such as overcrowding, and the meaning of selected nonverbal behaviours such as facial expressions and body movements.
M. Elson
Prerequisites: PSY B03 or PSY B30; one other B-level course in Psychology

PSYC34S
Thought and Action
MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYC32S. Theory and research concerning the relationship between cognition and motivation. Topics will include S-S versus S-R theory; Lewin's field theory, the theory of achievement motivation, cognitive dissonance, internal versus external control; attribution theory. Facility with high school algebra will be assumed. Enrollment limit — 50.
A. Kuhfu
Prerequisites: PSY B30; one additional B-level course in Psychology

PSYC35S
History of Psychology
A history of man's attempts to understand his own nature from the early times when philosophy and religion was the principle method to the modern era of the application of scientific method to our understanding of the laws of human behaviour. Limited enrollment — 35.
V. Sender
Prerequisites: PSY A01 or PSY A02; two B-level courses in Psychology

PSYG405
Current Topics in Animal Learning
Course not offered in 1973-74. A review of recent developments in
Term | Course
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Half | PSYC41S Psychology of Learning and Motivation

**Prerequisites:** PSYB40 or PSYB41

Term | Course
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Half | PSYC505 Attention and Performance Theory

**Prerequisites:** One B-level course in Psychology

Term | Course
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Half | PSYC56S Man and Machine Seminar

**Prerequisites:** PSYB56

Term | Course
---|---
Half | PSYC805 Foundations of Psychology

**Prerequisites:** Three B-level courses in Psychology; one B-level course in Philosophy

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**PSYC90F Supervised Readings in Psychology**

See Calendar Page 31. Members of the faculty.

**Prerequisites:** Three courses in Psychology; permission of instructor

**PSYC91S Supervised Readings in Psychology**


**Prerequisites:** Three courses in Psychology; permission of instructor

**PSYC92F Supervised Research in Psychology**


**Prerequisites:** PSYB07; PSYB09; two additional courses in Psychology; permission of instructor

**PSYC93S Supervised Research in Psychology**


**Prerequisites:** PSYB07; PSYB09; two additional courses in Psychology; permission of instructor

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**Russian**

The courses in Russian offered by Scarborough College provide opportunities for the study of the language and the literature of Russia. Both language and literature courses may be combined in a number of ways, where prerequisite requirements have been satisfied. Students who wish to study Russian literature without specialization may undertake their reading in translation. As well, their attention is directed to other College courses relevant to the study of Russian, such as those listed below.

**ECOB10 Comparative Economic Systems**

**ENGL08 Forms of Twentieth Century Literature**

**ENGB11 Varieties of Drama**

**ENGB16 Fiction 1832-1900**

**ENGB31 Modern Drama**

**GERB02 20th Century Prose**

**HISCI17 European Society and Culture between the World Wars**

**HUMB02 Guilt and Conscience in Post-World War II Literature**

**HUMB72 Art, Politics and Revolution**

**HUMB15 Nineteenth Century Poetry: Aesthetics**

**PHLB15 Socialism in Theory and Practice**

**PHLB50 Anarchism**

**PHLB60 Philosophy in Literature**

**PHLB77 Marx and Marxism**
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>RUSA01Y</td>
<td>Introduction to Russian Culture and Literature</td>
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<td>A study of aspects of the Russian creative mind, from the eighteenth century to the present. C. Ponomareff</td>
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<td>Full Course</td>
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<tr>
<td>RUSA10Y</td>
<td>Introductory Russian</td>
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<td>[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS RUS001] A course in the fundamentals of Russian grammar, with conversation, composition and readings. S. Whalen</td>
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<td>Full Course</td>
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<tr>
<td>RUSA11Y</td>
<td>Intermediate Russian</td>
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<tr>
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<td>[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS RUS002] A study of Russian grammar, with readings and discussion of literary materials and current publications. S. Whalen</td>
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<td>Full Course</td>
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<tr>
<td>RUSB10Y</td>
<td>Advanced Russian</td>
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<td>Course not offered in 1973-74.</td>
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<td>Prerequisites: RUS003 or RUS11</td>
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<td>RUSB11Y</td>
<td>19th Century Russian Literature</td>
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<td>Course not offered in 1973-74.</td>
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<td>Prerequisites: RUS002 or RUS11</td>
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<tr>
<td>RUSB12Y</td>
<td>Russian Drama</td>
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<td>Russian drama in translation from the earliest representations to the present, with an analysis of works by Pushkin, Gogol, Chekhov, Makavievsky, Solominov and others. Related dramatic forms will also be considered. M. Schoenberg</td>
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<td>Full Course</td>
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<tr>
<td>RUSB21Y</td>
<td>20th Century Russian Literature</td>
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<td>Literary evolution and social change in pre- and post-revolutionary</td>
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**Sociology**

Specialist Programme in Sociology

This is a four-year programme for students wishing to concentrate in Sociology and requiring at least seven full courses (or equivalent) in Sociology, including one in research methods (e.g. B01), one in sociological theory (e.g. B03) and at least two at the advanced (C) level.

Students are encouraged to select in their programme of studies courses from a variety of other disciplines, with special encouragement to include advanced (C) level work in other disciplines in the Social Sciences, Psychology, Philosophy, History or Mathematics.

Students may combine the specialist programme in Sociology with other programmes of study. Those interested in graduate work in Sociology, in social work, or in careers which may make special use of Sociology background, should consult with the special programme advisor in Sociology. Advisor: W. Isaw.

Pre-Social Work Programme

This is a four-year programme of studies incorporating courses of special relevance for students interested in a career in Social Work. The programme is based on a selection of courses from Sociology and Psychology at its core, with additional courses to be taken in related areas such as Anthropology, Economics, Geography, Philosophy and Political Science. The special advisor for the programme will assist the student in developing programmes of study reflecting current requirements for entry into professional schools of social work. Advisor: R.L. James.

Urban Studies

Students interested in a programme of urban studies with a sociological emphasis
should consult with the special programme adviser in Sociology. A variety of course combinations are available in three or four-year programmes. Emphasis may be on urbanisation and urbanism, urban problems, the urban community, community research, environmental aspects, etc. The student will be expected to include relevant courses bearing on urban phenomena from a number of other disciplines, especially Geography, Economics, Political Science, and Anthropology. Advisor - N. Howell.

**SOCIOY** Introduction to Sociology
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SOCIO3] 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.

**SOCIOY** Contemporary Society
Full
Course
The application of basic methods and principles of Sociology to achieve a better understanding of the social structure and functioning of contemporary society, with emphasis on Canada, concentrating on topics which students will choose from their own interests. Emphasis is on student initiative and responsibility; formal lectures in this course cease in November. Students will conduct research projects as individuals or teams and will report their progress at seminars in which faculty act as resource persons. The course is conducted and projects are marked within a general set of rules, copies of which are available in advance. The final form of presentation of a project may be as a written essay, or a voice tape, drama, novel, film, television tape or other approved format. J.A. Lee

**SOCIOY** Principles of Sociology
Course not offered in 1973-74. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SOCIO3]

**SOCIOY** Principles of Sociology: A Fieldwork Approach
Full
Course
An introduction to Sociology by means of basic concepts and principles and their applications to the study of society. A field work approach will be used to develop concepts associated with social interaction, types of social and collective processes, group behaviour, role behaviour, social systems, social structure, stratification and social change. The student will be involved in directed observation and analysis of a variety of social and community situations. N. Howell; L.E. Howard

**SOCIOY** Methods in Social Research
Full
Course
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. Limited enrolment - 30. K.C. Bear
Prerequisites: One previous course in Sociology

**SOCIOY** Structure of Interpersonal Relations
Full
Course
An examination of aspects of personal relationships involved in such social forms as the family, education, work, love and marriage, friendship and play including sexual intimacy, alienation, acquiescence, self-disclosure and interpersonal conflict, to name only a few examples. This is a research course; formal lectures cease in November. Students select their own project topics as individuals or teams and are responsible for their own progress within the general rules of the course. (Copy available in advance.) Faculty act as resource persons within a framework of voluntary seminars. The final form of presentation of projects may be as a written essay, or voice tape, drama, novel, film, television tape or other approved format. J.A. Lee
Prerequisites: One previous course in Sociology

**SOCIOY** History of Social Thought
Full
Course
The development of Sociology and the works of particular sociologists whose concepts not only are of historical interest but also have relevance to contemporary Sociology. R. O'Toole
Prerequisites: One previous course in Sociology

**SOCIOY** Political Sociology
Full
Course
Course not offered in 1973-74. A study of the interrelationship between society and policy, between social structures and political institutions. J.L. deLamere
Prerequisites: One previous course in Sociology

**SOCIOY** Urban Sociology
Full
Course
An examination of the city both as a significant development in world civilization and as a working mechanism guided by contemporary policies; the study of human behavior in its multifaceted relations with the urban environment. N. Howell
Prerequisites: One previous course in Sociology

**SOCIOY** Social Stratification
Full
Course
Course not offered in 1973-74. Description and analysis of the nature of social stratification with emphasis on the basis of stratification, different theoretical views concerning stratification, the
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<th>Course Code</th>
<th>Course Title</th>
<th>Term</th>
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<tbody>
<tr>
<td>SOCB12Y</td>
<td>Sociology of the Family</td>
<td>Full</td>
<td>Course</td>
<td>One previous course in Sociology</td>
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<td>The Sociological study of the family in contemporary western society, with special emphasis on its historical development, social forces which have influenced it, interrelationship with other institutional forms, the family as a group, the family life cycle, family disruption and family change. R.E. James&lt;br&gt;Prerequisites: One previous course in Sociology</td>
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<tr>
<td>SOCB13Y</td>
<td>Canadian Society</td>
<td>Full</td>
<td>Course</td>
<td>One previous course in Sociology</td>
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<td>A sociological analysis of Canadian society, with emphasis on its changing structure. J.E. deLamboyn.</td>
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<tr>
<td>SOCB14Y</td>
<td>Comparative Social Structure</td>
<td>Full</td>
<td>Course</td>
<td>One previous course in Sociology</td>
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<td>A study of the institutional structure in different societies in order to develop a better understanding of the effects of structural variations on human behaviour. J.E. deLamboyn, E.E. Howard&lt;br&gt;Prerequisites: One previous course in Sociology</td>
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<td>SOCB16Y</td>
<td>Social Change</td>
<td>Full</td>
<td>Course</td>
<td>One previous course in Sociology</td>
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<td>A sociological analysis of forms of change, such as industrialization, modernization, urbanization, and their consequences for the structure and function of contemporary society. R.O'Toole&lt;br&gt;Prerequisites: One previous course in Sociology</td>
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<tr>
<td>SOCB18Y</td>
<td>Sociology of Deviant Behaviour</td>
<td>Full</td>
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<td>A sociological analysis of various forms of deviant behaviour, including an examination of causal theories, social definitions, maintenance, control and social consequences. R.E. James&lt;br&gt;Prerequisites: One previous course in Sociology</td>
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<td>SOCB20Y</td>
<td>Ethnic and Race Relations</td>
<td>Full</td>
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<td>One previous course in Sociology</td>
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<td>The problem of stereotyping and prejudice, social mobility and 'civil rights' movements as processes of change of ethnic status, maintenance of ethnic identity and conflict and continuity between ethnic generations. Societal integration especially, as it bears upon the question of Canadian bilingualism and multiculturalism. R. Tchak&lt;br&gt;Prerequisites: One previous course in Sociology</td>
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<tr>
<td>SOCC01Y</td>
<td>Small Groups</td>
<td>Full</td>
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<td>Analyses of small group behaviour with special reference to the dynamics of structure formation, conflict patterns, maintenance patterns, and patterns of change. The first term will be conducted as a seminar, the second term as an academic self-analytic group. The method in the first term will be class reports and discussions, in the second term, participation in group task performance supplemented by regular reading and written reports. Limited enrollment - 20. W. Tchak&lt;br&gt;Prerequisites: Two previous courses in Sociology, one of which must be at B-level</td>
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<td>Note: The offering of this course will depend on the availability of laboratory facilities.</td>
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<td>SOCC02S</td>
<td>Complex Organization</td>
<td>Term</td>
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<td>Two previous courses in Sociology, one of which must be at B-level</td>
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<td>Complex organizations, with special emphasis on relationships among them and the bearing of these relationships upon the structure of power in society. Materials will be drawn from Canadian and comparative contexts. Limited enrollment - 15. E.E. Howard&lt;br&gt;Prerequisites: Two previous courses in Sociology, one of which must be at B-level</td>
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<tr>
<td>SOCC03F</td>
<td>Collective Behaviour</td>
<td>Term</td>
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<td>One previous course in Sociology</td>
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<td>Course not offered in 1973-74. The social conditions that produce collective behaviour and the effect it has on group conflict, morale, consensus and changing patterns of social organization. Limited enrollment - 15. W. Tchak&lt;br&gt;Prerequisites: Two previous courses in Sociology, one of which must be at B-level</td>
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<tr>
<td>SOCC04S</td>
<td>Social Movements</td>
<td>Term</td>
<td>Half</td>
<td>One previous course in Sociology</td>
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<td>Analysis of major social movements, their origins, dynamics, and consequences for contemporary society. Limited enrollment - 15. R. O'Toole&lt;br&gt;Prerequisites: Two previous courses in Sociology, one of which must be at B-level</td>
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<tr>
<td>SOCC05Y</td>
<td>Special Problems of Sociological Theory</td>
<td>Full</td>
<td>Course</td>
<td>One previous course in Sociology</td>
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<td>Course not offered in 1973-74. Selected basic questions underlying contemporary sociological thinking. Limited enrollment - 15. R. O'Toole&lt;br&gt;Prerequisites: Two previous courses in Sociology, one of which must be at B-level</td>
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<tr>
<td>SOCC07F</td>
<td>Sociology of Occupations</td>
<td>Term</td>
<td>Half</td>
<td>One previous course in Sociology</td>
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<td>Course not offered in 1973-74. The relation of man to his occupations in contemporary society, including such topics as occupational choice in a changing society, conceptions of work and leisure, mobility and career patterns and professionalization. Limited enrollment - 15. W. Tchak&lt;br&gt;Prerequisites: Two previous courses in Sociology, one of which must be at B-level</td>
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[SOC225] Sociological Analysis: Qualitative Methods
Course: Prerequisites: Two previous courses in Sociology, one of which must be a B-level course.

[SOCC245] Changing Family Life in Canada
Course: Prerequisites: Two previous courses in Sociology, one of which must be a B-level course.

[SOCC30Y] Independent Studies
See Calendar, Page 31.
Course: Prerequisites: Any 15 courses, permission of instructor.

[SOCC40Y] Directed Field Work
Course: Designed primarily for 4th year students who wish to specialize in field research, and including the observation and reporting of social data. Under the guidance of the instructor, the student will be expected to concentrate on a major research project during the session, terminating with submission of a paper based on the experience. Members of the faculty.
Prerequisites: Any ten courses, permission of instructor. (Students anticipating the selection of this course are advised to include SOC301 early in their programme of studies.)

Social Science

[SOSA01F] Quantitative Methods in Social Science
Course: Prerequisites: MAT162 and PSYB07

[SOSB02Y] The Indian Sub-Continent: Contemporary Problems
Course: Prerequisites: One previous course in Social Science

Spanish

Students enrolled in Spanish at Scarborough College, whether specialists or non-specialists, are offered a wide range of courses in the Spanish language and in Peninsular and Spanish-American literature. The following sequence of language courses is recommended for specialists with Grade 13 Spanish: SPAN01, SPAN02, SPAN04, SPAN05 in the first year; SPAN06, SPAN07 in the second year; SPAN02 in the third year. For specialists without Grade 13 Spanish the recommended sequence is SPAN01, SPAN02, SPAN05 in the first year; SPAN02, SPAN06 in the second year; SPAN07, SPAN02 in the third year. For part-time and non-specialist students a numerical sequence is suggested: SPAN01, SPAN02, etc. A specialist programme should include courses from each of the following areas of literature: taken, as far as possible, in the following order: SPAN05, Survey (SPAN11), SPAN28; Modern (SPAN13, SPAN17, SPAN27, SPAN29, SPAN30, SPAN33); Golden Age (SPAN23, SPAN25, SPAN26); Medieval (SPAN22). Students with Grade 13 Spanish may begin these courses in their first year, those without Grade 13 Spanish in their second.

Courses in Fine Art, History, Humanities, Linguistics, Philosophy, and in other literatures may also prove valuable to the student as adjuncts to his plan of study or as an enrichment of his total programme. Of particular relevance to the student with interdisciplinary interests are the programmes in Drama and in Latin America Area Studies, for example HUM863, Society and Culture in Latin America.

All students enrolled in Spanish, some of whom may later wish to enrol in the Faculty of Education or to continue their studies at the graduate level, are invited to confer with their instructors at the earliest possible time in order to work out an appropriate and coherent programme. For further information consult Prof. R. Skyrme.

Students should also consult listing under:

HUMB62 Topics in Contemporary Latin-American Literature in Translation

SPAN01Y Introductory Spanish
Course: Prerequisites: Grade 13 Spanish.

SPAN02F Intermediate Spanish
Course: Prerequisites: Grade 13 or SPAN01 or SPAN02.

SPAN03S Pre-Literary Examination of Texts
Course: Prerequisites: SPAN02 or SPAN01.

SPAN04F Phonetics
Course: Prerequisites: SPAN002 or SPAN02.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Term</th>
<th>Half</th>
<th>Course</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>SPAB00H</td>
<td>Articulatory phonetics; Spanish speech sounds; intensive practice in their production and transcription. R. Skyrme</td>
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<tr>
<td>SPAB03S</td>
<td>Conversation</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
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<td></td>
<td>Intensive practice in the spoken language, through controlled situational oral work and discussion groups, with attention also given to the comprehension of the major regional variants. Members of the faculty</td>
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<tr>
<td>SPAB06S</td>
<td>Conversation</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites</td>
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<td></td>
<td><em>MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SPAB006 AND SPAB06F</em></td>
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<tr>
<td></td>
<td>A continuation of SPAB03. Members of the faculty</td>
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<td>SPAB07F</td>
<td>Intermediate Syntax and Composition</td>
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<td>Course</td>
<td>Prerequisites</td>
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<td><em>MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SPAB007 AND SPAB07F</em></td>
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<td></td>
<td>Practice in the effective writing of Spanish. J. Molinard</td>
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<tr>
<td>SPAB11Y</td>
<td>Survey of Spanish Literature</td>
<td>Full</td>
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<td>Prerequisites</td>
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<td></td>
<td>Reading, analysis and discussion of Peninsular Spanish literature</td>
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<tr>
<td></td>
<td>from the twelfth century to the present. R. Bartá</td>
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<td></td>
<td>Prerequisites: SPA001 or SPA001</td>
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<td>History of the Spanish Language</td>
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<td></td>
<td>The languages of Spain, from pre-Roman times to the present. R. Skyrme</td>
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<td>SPAC21F</td>
<td>Stylistics and Translation</td>
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<td></td>
<td>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. R. Bartá</td>
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<td>SPAB22F</td>
<td>Medieval Literature</td>
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<td></td>
<td>Reading, analysis and discussion of major texts in prose and poetry from the twelfth to the fifteenth centuries in Spain. R. Bartá</td>
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<td>SPAB23Y</td>
<td>Spanish Drama</td>
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<td></td>
<td>A study of Spanish drama from the Middle Ages to the Twentieth century. Complete plays of the major dramatists will be read, and discussed. In some cases films of actual theatrical productions in Spanish will be shown. Classes will be taught in English with texts both in English and Spanish. P. Léon</td>
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<td>SPAB25F</td>
<td>Golden Age Prose</td>
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<td></td>
<td>The development of Spanish prose writing in the Golden Age. P. Léon</td>
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<td>[SPAB27F]</td>
<td>The Poetry and Theatre of Garcia Lorca</td>
<td>Term</td>
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<td>Course not offered in 1973-74</td>
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<tr>
<td>SPAB28S</td>
<td>Spanish American Literature: A survey</td>
<td>Term</td>
<td>Half</td>
<td>Course</td>
<td>Prerequisites</td>
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<td><em>MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SPAB28S</em></td>
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<tr>
<td></td>
<td>A study of the main currents of Spanish American literature from colonial times to 1850, based on analysis and discussion of selected texts. P. Léon</td>
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<tr>
<td></td>
<td>Prerequisites: SPA003 or SPA003</td>
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</tbody>
</table>
Summer Day, Summer Evening and Winter Evening Sessions, 1973-74

NB. Language courses will be offered in the Summer Sessions and Winter Evening Session subject to satisfactory enrolment in preceding sessions. If you have any enquiries relating to the following programmes, please call 284-3127.

Summer Day Session

"Y" and "F" courses begin on Tuesday 3 July and end on Friday 10 August.
"I" courses begin on Tuesday 3 July and end on Friday 20 July.
"S" courses begin on Monday 23 July and end on Friday 10 August.

The examination period begins on Monday 13 August and ends on Friday 17 August.

Classes in the Summer Day Session are given two hours per day, five days a week.

Actual course descriptions may be found in the appropriate section of this Calendar.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ANT13Y</td>
<td>Methods and Principles of Archaeology</td>
<td>9 am - 11 am</td>
</tr>
<tr>
<td>BIO12Y</td>
<td>Ecology</td>
<td>9 am - 11 am</td>
</tr>
<tr>
<td>COMA1Y</td>
<td>Financial Accounting</td>
<td>9 am - 11 am</td>
</tr>
<tr>
<td>ECX1Y</td>
<td>Introduction to Economics</td>
<td>9 am - 11 am</td>
</tr>
<tr>
<td>ENGB1Y</td>
<td>Fiction before 1832</td>
<td>11 am - 1 pm</td>
</tr>
<tr>
<td>ENGB2Y</td>
<td>Canadian Fiction in English</td>
<td>11 am - 1 pm</td>
</tr>
<tr>
<td>GGRA01Y</td>
<td>Introduction to Geographical Analysis</td>
<td>1 pm - 3 pm</td>
</tr>
<tr>
<td>GGRA02Y</td>
<td>Introduction to Geography: Regional</td>
<td>1 pm - 3 pm</td>
</tr>
<tr>
<td>GGRB01Y</td>
<td>Geomorphology</td>
<td>1 pm - 3 pm</td>
</tr>
<tr>
<td>HEBR1Y</td>
<td>Society in Early Modern Europe 1550-1800</td>
<td>9 am - 11 am</td>
</tr>
<tr>
<td>LINB1Y</td>
<td>General Linguistics I</td>
<td>11 am - 1 pm</td>
</tr>
<tr>
<td>LINB2Y</td>
<td>General Linguistics II</td>
<td>11 am - 1 pm</td>
</tr>
<tr>
<td>PHA0Y</td>
<td>Introduction to Philosophical Problems</td>
<td>11 am - 1 pm</td>
</tr>
<tr>
<td>POLB0Y</td>
<td>Modern Political Thought</td>
<td>11 am - 1 pm</td>
</tr>
<tr>
<td>POLB1Y</td>
<td>Comparative Politics of Western Europe</td>
<td>11 am - 1 pm</td>
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<tr>
<td>PSYB1Y</td>
<td>Personality</td>
<td>9 am - 11 am</td>
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<tr>
<td>PSYB2Y</td>
<td>Sensation</td>
<td>9 am - 11 am</td>
</tr>
<tr>
<td>SOC1Y</td>
<td>Introduction to Sociology</td>
<td>11 am - 1 pm</td>
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</table>

Summer Evening Session 1973, at Scarborough College

"Y" and "F" courses begin on Monday 14 May and end on Thursday 9 August.
"I" courses begin on Monday 14 May and end on Thursday 21 June.
"S" courses begin on Tuesday 3 July and end on Thursday 9 August.

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[SPAB29F] Spanish American Literature: The Short Story
Course not offered in 1973-74 or 1974-75. P. Leen
Prerequisites: SPAA01 or SPAA01

[SPAB39F] Spanish American Literature: The Novel of the Mexican Revolution
Course not offered in 1973-74 or 1974-75.
Prerequisites: SPAA01 or SPAA01

[SPAB34F] Spanish American Poetry 1880-1920
May not be taken in same degree programme as HUMB15.
A study of the Modernist movement, involving an examination of the attitudes, themes, and techniques of some of its major authors. R. Myrme
Prerequisites: SPAA03

[SPAC1OF] Supervised Reading
See Calendar Page 31.

[SPAC02F] Supervised Reading
Prerequisites: SPAA03, one Spanish literature course - SPAB11
through SPA833

[SPAC03F] Supervised Reading
See Calendar Page 31.

[SPAC05F] Supervised Reading
Prerequisites: SPAA03, one Spanish literature course - SPAB11
through SPA833

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[SPAC06F] Supervised Reading
See Calendar Page 31.
The examination period begins on Monday 13 August and ends on Friday 17 August. Classes in the Summer Evening Session are given on two evenings a week — either Monday and Wednesday or Tuesday and Thursday — from 7:00 pm to 9:30 pm. Actual course descriptions may be found in the appropriate section of this Calendar.

Course Code: Course Title
ANTB15Y: Introduction to Physical Anthropology
ANTB17H: Complex Societies
CLAB02Y: Greek and Roman Tragedy
COMA01Y: Financial Accounting
COMB21F: Management Accounting
COMB22S: Information Systems and Control
ECOB185: Macroeconomic Policy
ENGA09Y: English Literature: Forms and Approaches
ENGB01Y: Old English Language and Literature
ENGRB08Y: The Geography of Underdeveloped Areas
HISB02Y: History of the United States
MATA26Y: Techniques of Calculus
PHLB51F: Ethics
PHEL545: Theory of Knowledge
POLB26Y: U.S. Government and Politics
SOCB18Y: Sociology of Deviant Behaviour

Summer Evening Session, at Durham College, Oshawa
Course Code: Course Title
ANTB02S: Anthropology of Religion
ECON31Y: Introduction to Economics
UNGB11Y: Varieties of Drama
GGRA07F: Introduction to Geography: The Surface of the Earth
GGRA09S: Introduction to Geography: Spatial Analysis
PHEL51F: Ethics
PHEL565: Philosophy of Religion
SOCB01Y: Introduction to Sociology

Winter Evening Session 1973, at Scarborough College
Course Code: Course Title
ANTB03Y: Introduction to Anthropology
ANTB06F: Anthropology of Oceania

ANTB14F: Human Evolution
BIOA03Y: Introductory Biology
CLAB09Y: Greek and Roman Comedy
CLAB23S: Christianity in the Greco-Roman World
GRHBD3Y: Roman History from the Gracchi to Nero
COMA01Y: Financial Accounting
COMB21F: Management Accounting
COMB22S: Information Systems and Control
ECOB01Y: Introduction to Economics
ECOB01Y: Price Theory
ECOB02F: National Income and the National Economy
ECOB03Y: North American Economic History
ECOB12F: International Economics: Finance
ECOB13S: International Economics: Trade Theory
ENGA05Y: Canadian Literature in English
ENGB04Y: English Poetry, Prose and Drama, 1660-1800
ENGB06Y: Victorian Poetry
ENGB10Y: Shakespeare
ENGB24Y: Major American Authors
FEBB34F: Readings in 20th Century French Fiction
FEBB35S: Ideas in 20th Century French Fiction
GGRA03S: Introduction to Geography: Geographic Methods I: Cartographic and Field Methods
GGRA06F: Introduction to Geography: Environmental Analysis
GGRA07S: Introduction to Geography: The Surface of the Earth
GGRB02Y: Geographic Methods II: Analytical and Quantitative Methods
GGRB03Y: Urban Geography
GGRB09Y: Special Topics — 1973-74 Advanced Geographic Methods
GRG02Y: Rural Land Use
GRG06F: Biogeography
HISB05F: Canadian History to 1867
HISB06S: Canadian History Since Confederation
HISB17Y: Germany in the 19th and 20th Centuries
HISB21F: Frontier Communities in the British Empire — Commonwealth
HISB22S: British Imperialism in Asia and Africa
HISB43Y: Ontario History, the 19th Century
HISC33Y: Ideology, Culture and Society in America
HISC43Y: Old Hawaii
HISC42F: Church-State Relations in Canada
MATA26Y: Techniques of Calculus
NSCA02Y: Introduction to Natural Science: The Physical Sciences
PHL04Y: Introduction to Philosophical Problems
PHL02Y: Introduction to Philosophical Classics
PHL06S: Philosophy of Religion
PHL07F: Aesthetics
PHL16F: Philosophy in Literature: Images of the Self
PHL166S: Greek Philosophy: Aristotle and Later Greek Philosophy
### Winter Evening Session 1973,
at Durham College, Oshawa

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<tr>
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<tr>
<td>ANT125</td>
<td>Man in the Holocaust</td>
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<td>ANT144</td>
<td>Human Evolution</td>
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<tr>
<td>ANT255</td>
<td>Introduction to North American Prehistory</td>
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<td>CLA21Y</td>
<td>Greek and Roman Religion</td>
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<tr>
<td>ECO21Y</td>
<td>Introduction to Economics</td>
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<tr>
<td>ENG16Y</td>
<td>Fiction 1832-1900</td>
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<td>GGR26Y</td>
<td>Introduction to Geography: Geographic Methods 1: Cartographic and Field Methods</td>
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<td>GSR26Y</td>
<td>Introduction to Geography: Environmental Analysis</td>
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<tr>
<td>HIS13Y</td>
<td>Ontario History, The 19th Century</td>
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<tr>
<td>NCS20Y</td>
<td>Introduction to Natural Science: The Biological Sciences</td>
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<tr>
<td>PHI101</td>
<td>Introduction to Philosophical Problems</td>
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<td>PHI275</td>
<td>Existentialism and Phenomenology</td>
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<td>PHI275</td>
<td>Theories of Mind</td>
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<td>POL17Y</td>
<td>The Chinese Political System</td>
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<td>PSY201</td>
<td>Introduction to Psychology</td>
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<td>PSY205</td>
<td>Developmental Psychology</td>
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<td>PSY225</td>
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### Directory

#### Divisional Offices

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<tbody>
<tr>
<td>Humanities</td>
<td>284-3304</td>
<td>S-528</td>
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<tr>
<td>Life Science</td>
<td>284-3291</td>
<td>S-421A</td>
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<td>Physical Science</td>
<td>284-3289</td>
<td>R-4044</td>
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<td>Social Science</td>
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<tbody>
<tr>
<td>284-3292</td>
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<td>S418</td>
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<tr>
<td>284-3300</td>
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<td>Office of the Registrar</td>
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<tr>
<td>284-3127</td>
<td></td>
<td>Associate Dean</td>
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<td>Amenta, S.A.</td>
<td>Fine Art</td>
<td>284-3334</td>
<td>R-370BA</td>
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<td>Andrews, K.</td>
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<td>284-3334</td>
<td>R-370BA</td>
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<tr>
<td>Athletic Assoc.</td>
<td>Art</td>
<td>284-3295</td>
<td>R-2266</td>
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<td>Auton, L. (Ms.)</td>
<td>Principal's Secretary</td>
<td>284-3113</td>
<td>S-409</td>
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<tr>
<td>Ball, J.L.</td>
<td>Librarian</td>
<td>284-3245</td>
<td>S-304A</td>
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<td>Barricott, W.J.</td>
<td>French</td>
<td>284-3178</td>
<td>H-322</td>
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