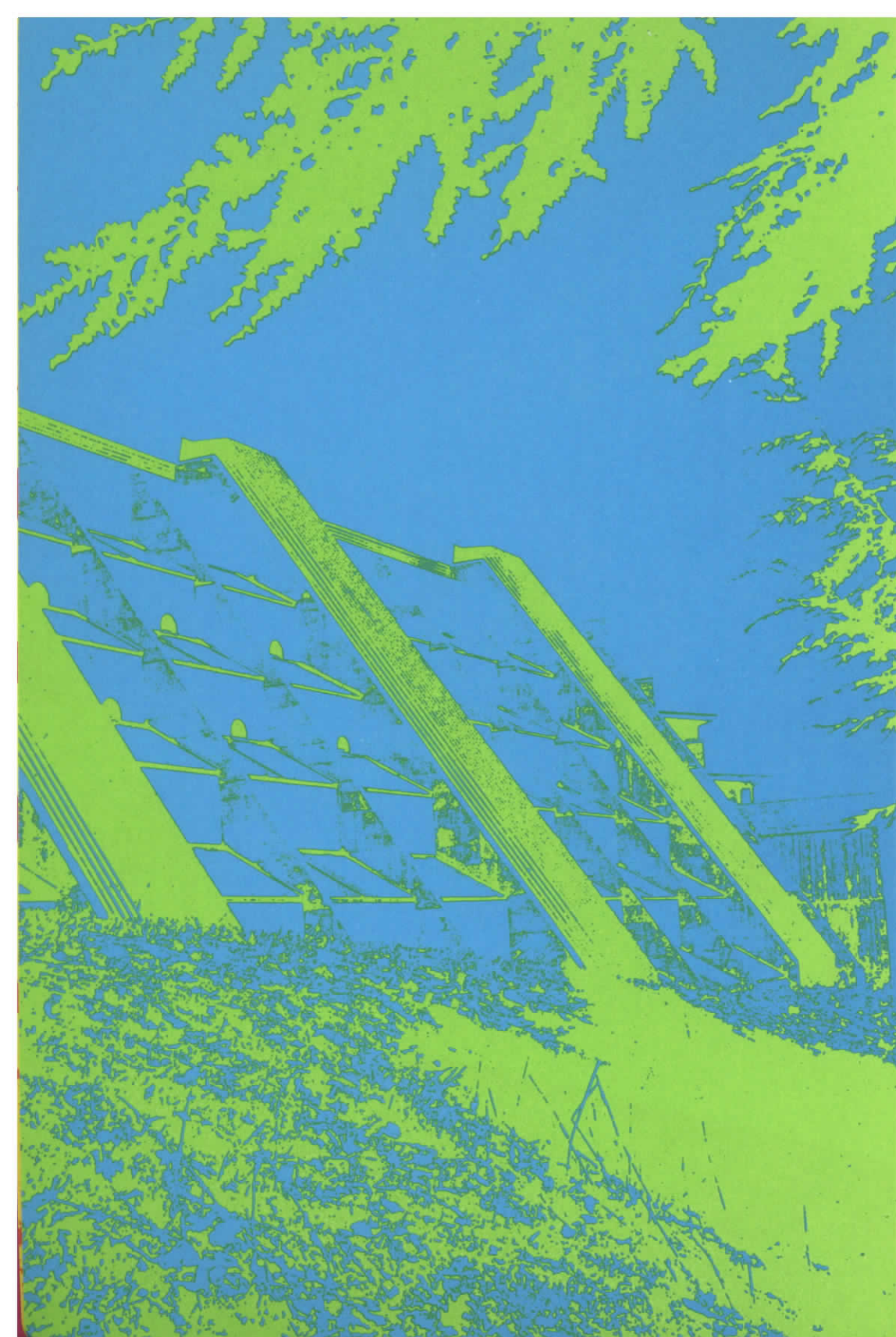


RETURN TO: S415A
Convocation and
Student Records

1972 - 1973
Scarborough Calendar

SCARBOROUGH COLLEGE UNIVERSITY OF TORONTO 1972-73



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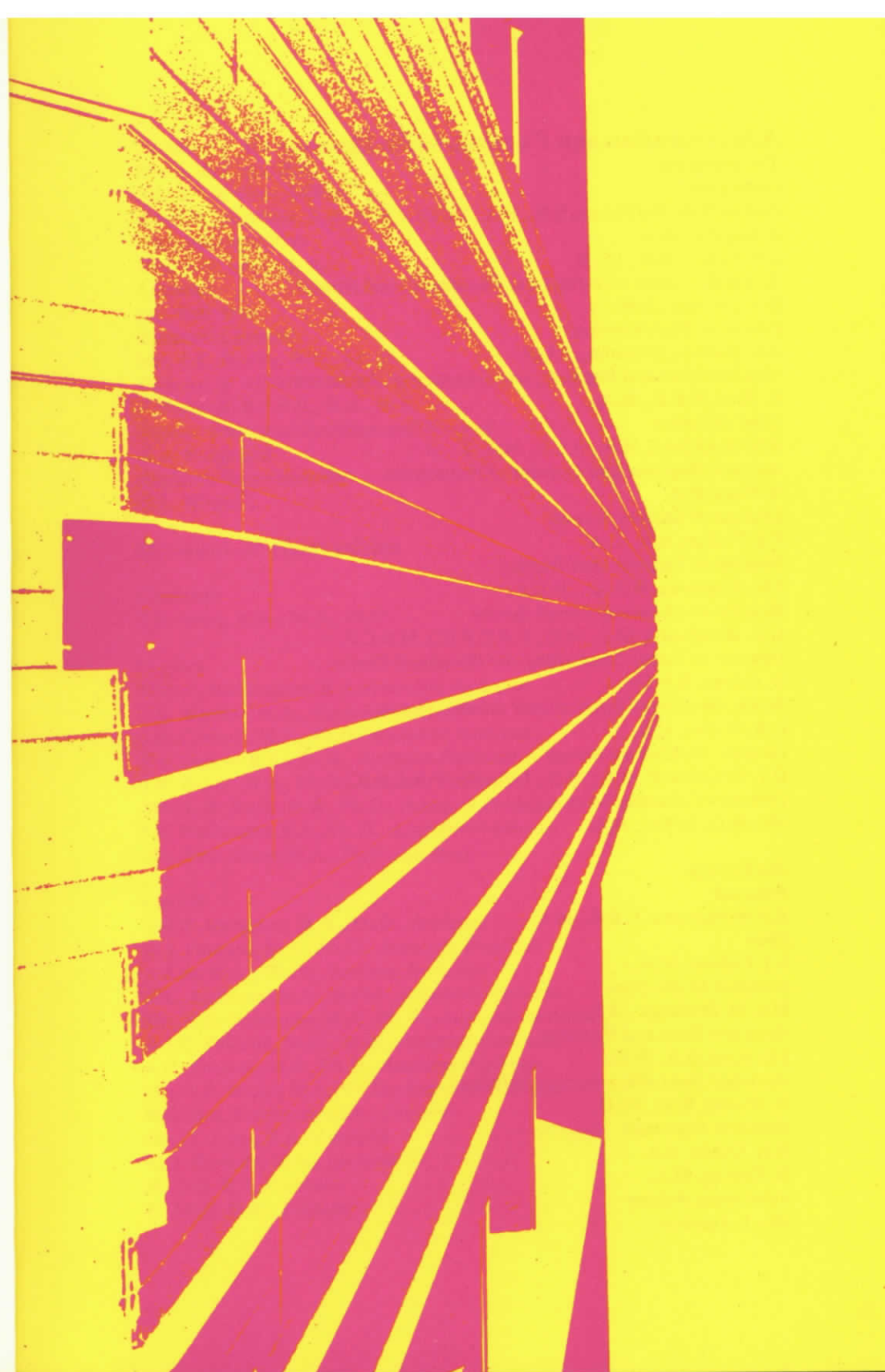
The Academic Calendar

1972

April 1	Last day for new and special students to apply for admission to the Summer Evening Session.
April 1	Last day for receipt of applications for Early Admission to the September 1972 - 73 Full-Time Session. (Current Ontario Grade 13 students only are eligible for Early Admission.)
April 7	No classes after this date. All term assignments should be completed by this date.
April 17	Annual examinations begin.
May 5	Annual examinations end.
May 15	Summer Evening classes begin ('Y' and 'F' courses).
May 22	Victoria Day (all classes cancelled).
May 24	Last day for making a change in a Summer Evening Session 'F' course.
May 29	Last day for making a change in a Summer Evening Session 'Y' course.
June 1	Last day for requests to transfer from Part-Time to Full-Time studies.
June 1	Last day for Full-Time students to request transfer to another College.
June 1	Scarborough College Convocation - 10:30 a.m.
June 9	Last day for withdrawal without academic penalty from a Summer Evening Session 'F' course.
June 22	'F' half-courses in the Summer Evening Session end.
June 30	Last day for withdrawal without academic penalty from a Summer Evening Session 'Y' course.
July 1	Last day for receipt of applications from candidates seeking admission as Part-Time students in the Winter Session September 1972 - 73.
July 3	Dominion Day observance (all classes cancelled).
July 4	Summer Evening Session 'S' courses begin.
July 10	Last day for students with supplemental privileges to apply to write the August examinations.
July 12	Last day for making a change in a Summer Evening Session 'S' course.
July 28	Last day for withdrawal without academic penalty from a Summer Evening Session 'S' course.

August 7	Civic Holiday (all classes cancelled).
August 11	Summer Evening Session classes in 'Y' and 'S' courses end.
August 14-18	Supplemental and 1972 Summer Session Examinations.
September 4	Labour Day (University closed).
September 5	Registration of Full-Time 1st year students, A - K inclusive: 9:00 a.m. to 4:30 p.m.
September 6	Registration of Full-Time 1st year students, L - Z inclusive: 9:00 a.m. to 4:30 p.m.
September 7	Registration of Full-Time 2nd year students, 9:00 a.m. to 4:30 p.m.
September 8	Registration of Full-Time 3rd year students and 4th year (Scarborough Campus) students, 9:00 a.m. to 4:30 p.m.
September 9	Registration of Full-Time 4th year (St. George Campus) students at Sidney Smith Hall, 9:00 a.m. to 12 noon, and 2:00 p.m. to 4:30 p.m.
September 9	The late registration fee will be enforced for Full-Time students after this date.
September 11	Classes for the 1972-73 Academic Year begin at 9:00 a.m.
September 30	Last day for receipt of applications for Ontario Students Awards (OSAP).
October 6	Last day for enrolling in Fall Term Half-Courses and Full-Year Courses.
October 9	Thanksgiving Day (all classes cancelled).
October 15	Last day for receipt of applications for University of Toronto In-Course Bursaries.
November 15	Last day for withdrawal from a Fall Term Half-Course without academic penalty.
November 24	Fall Convocation.
December 8	Last day of classes.
December 11-13	Term-test period for multi-section courses.
December 13	All term assignments should be submitted by this date.
December 14-20	Examination period for Fall Term Half-Courses.
December 21	Christmas Holiday begins.

1973	
January 2	Second-term instalment of fees due (Full-Time students only).
January 8	Second term begins. Classes commence at 9:00 a.m.
January 15	Last day for receipt of applications for Scarborough College bursaries.
January 16	Final date for payment of tuition fees without penalty.
February 1	Last day for enrolling in Spring Term Half-Courses.
February 11-18	Reading Week (all classes cancelled).
February 15	Last day for withdrawal from Full-Time Studies without academic penalty and for transfer from Full-Time Studies to a Part-Time Programme.
April 13	Last day of classes. All term assignments should be submitted by this date.
April 19	Annual examinations begin.
April 20	Good Friday (University closed).
May 11	Annual examinations end.
May 25	University Commencement begins.
June 1	Last day for receipt of applications from candidates seeking admission to the regular Full-Time Session, September 1973-74.
June 1	Last day for former students, not in attendance at the 1972-73 Session, to apply to re-register in the session September 1973-74.
June 1	Last day for students to request to transfer from Part-Time to Full-Time studies.
June 1	Last day for Full-Time students to request a College Transfer.



Administration and Faculty, 1971-72

The University

Chancellor

Pauline Mills McGibbon, S.M., B.A., LL.D.

Acting President

J.H. Sword, M.A., LL.D.

Acting Executive Vice-President (Academic) and Provost

D.F. Forester, A.M.

Executive Vice-President

A.G. Rankin, B.Comm., F.C.A.

Vice-President and Registrar, and Secretary of the Senate

R. Ross, M.B.E., M.A.

Chief Librarian

R.H. Blackburn, M.A., B.L.S., M.S., LL.D.

Assistant Registrar and Director of Admissions

W. Kent, M.A.

Director of Student Awards

F.S. Phillips, B.A., C.A.

Director of Statistics and Records

J.M. Tusiewicz, M.A.Sc., M.B.A.

Director of University Health Service

G.E. Wodehouse, M.C., M.D., F.R.C.P.(C), M.R.C.P.

Director of Career Counselling and Placement Centre

D. Currey, B.A.Sc.

Acting Director of International Student Centre

E.A. McKee, M.A.

Director of Advisory Bureau

D.J. McCullough, B.A., M.D., D.Psych., F.R.C.P.(C)

Director of Housing Service

Mrs. M.G. Jaffary, B.A.

The College

Principal

A.F.W. Plumptre, C.B.E., M.A.

Dean

S.J. Colman, M.A.

Assistant to the Dean

Mrs. M. Bradshaw, M.Sc.

Associate Dean and Registrar

J.D. King, B.A. Ph.D.

Associate Dean (Planning and Building)

A. Walker, B.Sc., Ph.D.

Assistant Registrars

N.H. Dobbs, B.A.

D. Keeling, M.A.

Admissions Adviser

Mrs. L. Gordon

Assistant to the Associate Dean and Registrar

Miss J.M. Scott, B.A.

Student Services Officer

Mrs. C.L. Séguinot, B.A., M.A.

Registration Officer

Mrs. A.M. Lewis, B.A.

Librarian

J.L. Ball, M.A.

Assistant Librarian

Mrs. J.K. Sowby, B.A., B.L.S.

Director of Athletics

T. Pallandi, B.P.H.E., B.A., M.S.

Superintendent of Buildings and Grounds

G.A. Fitzgerald

Assistant Superintendent

R.L. Wright

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P.S. Derow, B.A., Ph.D., Assistant Professor

J.N. Grant, M.A., Ph.D., Assistant Professor

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I.R. McDonald, B.A., Ph.D., Assistant Professor

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Mrs. B.S. Martineau, M.A., Ph.D., Assistant Professor

A.J.G. Patenall, M.A., Ph.D., Assistant Professor

A.C. Thomas, M.A., Ph.D., Assistant Professor

Mrs. E.P. Vicari, M.A., Ph.D., Assistant Professor

Mrs. M.A. Creelman, M.A., Lecturer

Mrs. T. Long, B.A., Lecturer

R.D. Rodgers, M.A., Lecturer

M. Tait, M.A., Lecturer

K. Theil, M.A., Lecturer

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K. Andrews, M.F.A., *Lecturer*
R. Siebelhoff, M.A., *Lecturer*

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L.E. Doucette, B.A., Ph.D., *Associate Professor*
W.J. Kirkness, M.A., D.U., *Associate Professor*
P.C. Moes, M.A. B.L.S., Ph.D., *Associate Professor*
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Mrs. J.A. Curtis, M.A., Phil.M., *Assistant Professor*
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Mrs. M. Walker, B.A., *Instructor*

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H. Wittmann, A.M., Ph.D., *Assistant Professor*

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E. Costa, M.A., *Lecturer*

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D.L. Mosher, B.A., Ph.D., *Assistant Professor*

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M.E. Hanna, M.A., Ph.D., *Assistant Professor*
L.L. Howard, M.A., Ph.D., *Assistant Professor*
J.A. Lee, M.A., D.Phil., *Assistant Professor*
P.H. Soloman, Jr., M.A., *Assistant Professor*
R. O'Toole, M.A., *Instructor*

Commerce

M.S. Shapiro, B.Comm., C.A., *Special Instructor*

R. Sloan, B.Comm., M.B.A., C.A., *Instructor*



Arts And Science At Scarborough College

Scarborough College is one of the eight colleges of the University of Toronto which offer programmes in Arts and Science to their students. Until the 1972-73 academic year, Scarborough College was an integral member of the Faculty of Arts and Science of the University, the College's academic rules and regulations were those of the Faculty, and the curriculum was subject to the approval of the Faculty. Scarborough College, physically at a distance from the St. George campus, never intended merely to duplicate what is offered on that campus. Instead the College, with the full approval of the Faculty, had set out to create a distinctive and interesting academic programme.

Beginning with the 1972-73 academic year, the College will discontinue its formal association with the Faculty and will be responsible directly to the University Senate. Close liaison with the Faculty will be maintained, however, so that, for example, students registered on one campus will continue to be able to take some courses on other campuses of the University. Graduates of Scarborough College will continue to receive the B.A. or B.Sc. degree of the University of Toronto. This new position within the University will allow the College to progress more rapidly towards the distinctive academic programme which is its goal. Because the College is self-contained on its own campus, because the design of the building tends towards a greater intimacy than is usual elsewhere in the University, and because of the sense of academic community that derives from this, the College has continually worked to find ways in which it can benefit from this closeness between faculty and students, and between the various disciplines taught in the Faculty. The result has been a broad movement towards the development of interdisciplinary studies.

The College offers courses leading to three- and four-year B.A. and B.Sc. degrees. Four-year programmes 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 are permitted complete freedom of selection of subjects in their programmes and may enrol 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 is 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 its size, Scarborough has a large and well equipped library - over 100,000 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 1pm. 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.

Scarborough College students may qualify for awards offered by the Province of Ontario, the University of Toronto, or Scarborough College itself.

Ontario Student Awards Programme

In cases where students' and (in the case of dependent students) parents' resources are insufficient according to a Government means test to meet academic costs, the Ontario Students 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.

All awards of \$800. and less are interest-free loans. For awards over \$800., the first \$800. is awarded in the form of an interest-free loan, and the remaining portion of the award in non-repayable grant.

In 1971-72, 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-five 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, 1972. Applications submitted after this date but before 31 January 1973 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 1973.

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 Offices.

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 Offices.

Scholarships

I Admission Scholarships

Awarded to students entering the first year at Scarborough College directly from Grade 13 with outstanding high school records.

1. University of Toronto Admission Scholarships

The Senate of the University of Toronto awards a large number of scholarships which are listed in the booklet, *University of Toronto Admission Awards, 1972-73*, available at any Ontario high school. Application for University of Toronto admission scholarships must be made on application forms available from and submitted to the student's high school.

2. Scarborough College Admission Scholarships

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.

Agincourt Lions Club Scholarship. Gift of the Agincourt Lions Club, this scholarship is awarded to a student with high first-class standing entering Scarborough College directly from any secondary school in the Borough of Scarborough. Value: \$300.

I.O.D.E. Isabel Rutter Chapter Admission Scholarship. One of three gifts of the Imperial Order, Daughters of the Empire, Isabel Rutter Chapter, this scholarship is awarded to a student with high first-class standing entering Scarborough College from any secondary school in the Borough of Scarborough. Value: \$200.

Scarborough College Open Admission Scholarships. A number of

scholarships are awarded by the Senate of the University of Toronto to students entering first year at Scarborough College with high first-class standing. The number and value of the scholarships will be determined by the Scarborough College Council.

Township of Pickering Admission Scholarship. One of several gifts of the Township of Pickering, this scholarship is awarded to a student with first-class standing entering first year at Scarborough College. Preference is given to Township of Pickering students. Value: \$250.

Varsity Fund Admission Scholarships. Gifts of the Varsity Fund, Three scholarships are awarded to students with high first-class standing entering the first year at Scarborough College. Value: \$350.

II In-Course Scholarships

Awarded to students who achieve excellent academic standing in first, second or third year and are continuing to the next highest year.

1. University of Toronto In-Course Scholarships

A number of scholarships are awarded by the Senate of the University of Toronto. Application forms are available in the fall from the Registrar's Office and must be submitted by 15 October, 1972.

2. 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.D.E. Isabel Rutter Chapter Scholarships. Two of three gifts of the Imperial Order Daughters of the Empire, Isabel Rutter Chapter, these scholarships are awarded to students with high Grade "A" standing: (a) in the first year, entering the second year at Scarborough College; and (b) in second year, entering third year in the College. Value: \$200.

Scarborough College Open Scholarships. A number of scholarships are awarded by the Senate of the University of Toronto to students completing first, second and third years with high Grade "A" standing and entering their next years at Scarborough 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 achieving high Grade "A" standing in the first or second year, and entering the second or third year at Scarborough College. Township of Pickering students are preferred. Value: \$250.

III Graduating Class Prizes

Awarded to members of the graduating class with exceptionally high standing. No application is necessary.

The 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 non-monetary prize (valued at about \$50.) is

awarded to students with the highest standing in the graduating class in each of: Humanities, Sciences and Social Sciences. The nature of the prize is determined (in advance of the Award) by the Awards Committee in consultation with the appropriate Division in the College.

Bursaries

1. University of Toronto In-Course Bursaries

Students in second, third or fourth year at Scarborough College, who are in financial need and who have achieved a good academic record are eligible to apply for University of Toronto In-Course Bursaries. Application forms are available in the fall from the Office of the Associate Dean and Registrar and must be submitted by 15 October 1972.

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. Applications will be available in the Office of the Associate Dean and Registrar and must be submitted by 15 October 1972.

Scarborough College Special Bursaries. Made available from funds allocated by the Senate of the University of Toronto, these bursaries are awarded to students in real financial need who are making very good academic progress. Value: \$150.

Scarborough College Alumni Association - Varsity Fund Bursaries. Gifts of the Varsity Fund, through the auspices of the Scarborough College Alumni Association, these bursaries are awarded to students in real financial need who are making 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 two bursaries are awarded to students in their second or higher years who demonstrate both very good academic progress and real financial need. Value: \$200. each.

The Dr. Vivian Paskal Memorial Bursary. From a fund donated by the family, friends, colleagues and students of the late Dr. Vivian Paskal, this bursary is awarded to a student in third year who will be proceeding to a fourth year (graduate or undergraduate) with specialization in Psychology. Value: \$75. and \$50. in alternate years.

Emergency Loans

The Scarborough College Emergency Loan and Bursary Fund has been established from the contributions of members of Scarborough College. The fund is designed to provide emergency, short-term loans to students who are unable to receive assistance from any other source and who are in need of assistance in order to carry on with their studies. Students should speak to the Registrar, the Assistant Registrar in charge of student affairs, or to a Student Services Officer.

Counselling

The Student Services Office offers counselling on the choice of courses, academic programmes and careers. It also provides information about housing, employment, medical and legal help, and a sympathetic ear for any student problems. Please call 284-3292 or drop into S415. Members of the Faculty are sincerely interested in advising students and may be reached either at their office numbers listed in the back of the Calendar or through the Divisional secretaries.

Housing

New student housing for Scarborough College has been approved, but construction will not be completed until the fall of 1973. In the interim several possibilities are open to Scarborough College Students.

The Student Services Office keeps listings of private accommodation in the area. These change so often that listings may not be mailed out.

Limited accommodation for women is available at the Scarborough Regional School of Nursing, one mile from the College. Applications should be sent to Mrs. Jopson-Taylor at the Scarborough Regional School of Nursing, 2877 Ellesmere Road, West Hill, Ontario.

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

Students may apply to downtown residences or use the University Housing Service at 49 St. George Street, Toronto 5, if they wish to locate in the downtown area.

Health Service

The Health Services offices are located on the third floor, Room S304. Medical care and advice is provided daily throughout the academic year.

A nurse is in attendance each day from 9:00 a.m. to 5:00 p.m.. Physicians are available for clinical consultation by appointment, throughout the week days.

At times when the Health Service is not open, students living away from their homes may obtain telephone advice from attending college physicians through their offices:

Telephone 267-1605 - Dr. T.W. Fox

Telephone 439-3471 - Dr. A.M. Breuls

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 use the psychiatric service to help resolve the struggle of personal growth and development, and help with personal family and emotional problems which interfere with life in some way. The problems may keep students from working effectively, or may prevent enjoyment in relationship with people or hinder studying and decision making.

Appointments with Dr. Taylor Statten and members of the psychiatric staff may be made by calling 284-3303 or 928-2443, between 9:00 a.m. and 5:00 p.m.. There is a psychiatrist on emergency call after 5:00 p.m. who may be reached by calling the St. George Street Infirmary 928-2458.

The Health Service requires a medical examination yearly for all students participating in athletics, and small-pox vaccination is recommended for anyone who has not had a previously successful immunization. A recent chest x-ray is required of all students, first and final year, and all students whose domicile is not in Canada.

X-Rays

October 4, 1972 - 10:00 a.m. to 4:00 p.m.

October 5, 1972 - 10:00 a.m. to 4:00 p.m.

October 6, 1972 - 10:00 a.m. to 1:00 p.m.

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 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 imminent completion of an extension to the present college buildings, there will be available to our students and staff a large gymnasium measuring 144 x 120 feet, large enough to accommodate any indoor game, including 3 regulation size tennis courts. There will also be 4 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 will greatly enhance the achievement of our programme aims - free participation in a variety of activities, and opportunities for learning new, interesting sports skills which can be used after graduation.

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

Other Facilities

Parking

Scarborough College parking stickers will be available at a cost of \$20.00 for full-time students and \$5.00 for part-time students. The daily charge for cars without a sticker will be 35¢. These stickers are valid for the academic year, and may be purchased in September from the Superintendent's Office, S303A.

Bus Service

The College operates a free service between the Scarborough campus and the St. George campus, and to and from the Warden subway station. Bus schedules will be available before classes begin.

Bookstore

The Scarborough College Bookstore remains open until 8:00 p.m. Monday through Thursday during the first three weeks of classes. Thereafter, it will remain open to 8:00 p.m. Mondays and Thursdays only, and to 5:00 p.m. on the remaining weekdays.

Cafeteria

The Cafeteria remains open until 9:00 p.m. Monday through Thursday, and until 4:30 p.m. Fridays each week of the Winter Session. During the Summer Evening Session, it will remain open until 8:00 p.m.

Association For Part-Time Undergraduate Students

In 1968 a questionnaire answered by degree students registered in the Division of University Extension, revealed an overwhelming desire for a student association. A steering committee worked at setting up such an association, and in late 1968 APUDS (the Association for Part-Time Undergraduate Degree Students) was born. Later the word Degree was dropped from the title.

Now, as then, the main purpose of the Association is to act as a link between part-time students registered in the Division of University Extension and the University itself. APUS also tries to act as common ground for the various part-time students themselves.

All part-time undergraduate students at the University belong to APUS, and must pay a small fee. This fee is set out in the By-Laws of the Association, and is calculated per session, not exceeding two sessions per year. There are in fact three sessions - Winter, Summer Day, and Summer Evening.

Each class, on each campus, in which a part-time undergraduate student is registered is entitled to elect at least one Class Representative per 25 students. Together the Class Representatives constitute the Assembly of Representatives.

At the annual fall meeting of the Assembly of Representatives, the twelve-man executive is elected by ballot. This twelve-man executive, having at least one member from both Scarborough and Erindale, then elect from themselves a President, two Vice-Presidents, a Secretary, and Treasurer. These five officers plus the other seven directors are the APUS executives for a period of twelve months.

As can be seen, the key link in an organizational structure such as this is the Assembly of Representatives which is composed of Class Representatives. The Class Representatives act as the communicators between their fellow classmates and the APUS executive, though the APUS executive can be reached at home.

In order to assist its members, APUS maintains a full time office during the day at 47 Queen's Park Crescent. The telephone number is

964-1535 and serves two lines, so it is rarely that a busy signal is encountered. In this office *Voice* is printed. *Voice* is the APUS newsletter, and is printed weekly. Copies are placed in special boxes in buildings used by part-time students. Distribution is also made to Scarborough and Erindale.

APUS also prints an annual *Handbook*. This guide comes out early in the school year and contains such useful information as telephone numbers and locations of various libraries, and other worthwhile facts and dates.

Another function that APUS fulfills is in the preparation, printing, distribution, and compiling of Course Evaluations. These Evaluations are also published in *Voice*.

Communication is the prime concern of the Association. In the University community, the Association has representatives on the most important committees which directly or indirectly concern our courses of study:

President's Council
General Committee and Curriculum Committees of the Council of the Faculty of Arts and Science
Committee on Undergraduate Studies
Committee on Interdisciplinary Studies
Library Council
Campbell Implementation and Programming Committee (Disciplinary Procedures)
Presidential Advisory Committee on Instructional Media
Presidential Advisory Committee on Social Responsibilities
Presidential Advisory Committee on the Status and Future of Scarborough College
Scarborough College Council
The Curriculum Committee
The Library Committee
The Awards and Admissions Committee
The House Committee
Erindale College Council

In addition, APUS holds two seats on the new Governing Council of the University, recently constituted in the new provincial University of Toronto Act.

APUS has also been active in the social area — in the past, wine and cheese parties and graduation parties have been held. More social functions are planned for the future.

The future policies and goals of APUS depend on the needs and desires of its members. If you have any suggestions about the direction which APUS should take, write or phone the APUS office, talk to your Class Representative or write to the editor of *Voice*.

Application, Admission and Registration

Full details of the University of Toronto Undergraduate Admission

requirements and application procedures are contained in the Undergraduate Admission Handbook 1972-73 (for students presenting Canadian qualifications) and the Undergraduate Admission Bulletin 1972-73 (for students presenting qualifications other than Canadian). Copies of the former publication are available in all Ontario Secondary Schools, and both booklets may be obtained on request from the Director of Admissions, Simcoe Hall, University of Toronto, Toronto 181, to whom all enquiries concerning admission to full or part-time studies should be directed. The standard required for admission to part-time studies is the same as for admission to a full-time degree programme.

Application Procedures

- (a) Full-time Studies: As the University of Toronto operates on an academic year system, admissible candidates proceeding as full-time students may begin a degree programme only in September. Candidates currently enrolled in Ontario Grade 13 should obtain application forms from their High School Guidance Office. All other candidates should first write to the Office of Admissions, specifying their interest in Scarborough College and giving full details regarding their academic standing.
- (b) Part-Time Studies: Scarborough College welcomes students who wish to pursue part-time studies for a University of Toronto degree. The academic timetable runs from 9:00 a.m. to 10 p.m. and part-time students may request enrolment in any course offered, regardless of the time of day. Courses are also offered in a Summer Evening Session each academic year. A degree course may be begun at either session. All candidates intending to take their degree course as part-time students at Scarborough College should make application to the Office of Admissions, University of Toronto.

Basis Of Admission

The basis of admission for applicants whose Grade 13 programme was undertaken in 1971 or 1972 is outlined below; candidates who completed Grade 13 in 1970 or previously should present a seven credit programme. Entrance to the first year of the undergraduate programme is offered to candidates from Ontario Secondary Schools who demonstrate good standing, based upon the following evidence:

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

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

Mature Students

Applicants twenty-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 (or an equivalent course). Persons wishing to apply as mature students should consult the Office of Admissions about their eligibility before undertaking one of the Pre-University courses, since successful completion of a Pre-University course does not in itself ensure selection.

Pre-University Courses

These courses are designed to assist persons who wish to be considered for admission to the University of Toronto as mature students or who desire preparation for more advanced courses. They are similar to Grade 13 courses, but require the type of performance that will be expected of applicants in the first year of University study.

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

Summary of Application Dates

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

- | | |
|---------------|--|
| 1 April, 1972 | Last day for receipt of applications to be considered for early admission. (Early admission is offered only to currently enrolled Ontario Grade 13 students wishing to enter full-time studies.) |
| 1 April, 1972 | Last day for receipt of applications for the Summer Evening Extension Session (not open to students currently enrolled in full-time Ontario Grade 13 courses). |
| 1 June, 1972 | Last day for receipt of applications to be considered for the regular full-time programme beginning September, 1972. |
| 1 July, 1972 | Last day for receipt of applications from candidates wishing to begin their degree programme as part-time students in the Winter Session beginning September, 1972. |

Registration

(a) Full-Time Students

For the session 1972-73, students are free to select their courses at any time from the beginning of April onwards. Thus, returning students will be able to procure counselling and information concerning courses before the summer exodus, and first year students,

as soon as they are admitted, will be able to plan their programmes during the summer months. Course changes may be effected at any time after the initial selection of courses until Friday, 11 August, 1972. Course changes will not be accepted from 12 August, 1972, until Monday, 11 September, 1972. Students are urged to avoid leaving course selection until official registration period, the dates of which are given below. During this time, students must produce receipted fee form and receive their Registration cards. Course changes can be made from Monday, 11 September, 1972 until Friday, 6 October, 1972.

Full details of the registration procedures are available from the Office of the Associate Dean and Registrar, and will be supplied to all new students upon admission. The College urges you in your own interest to select your courses as early as you are able. The dates of the registration period now follow. Please attend on the day specified for your year.

Tuesday	5 September	9:00 - 4:30	1st Year A - K
Wednesday	6 September	9:00 - 4:30	1st year L - Z
Thursday	7 September	9:00 - 4:30	2nd Year
Friday	8 September	9:00 - 4:30	3rd Year
Friday	8 September	9:00 - 4:30	4th Year (all students taking a full 4th Year programme at Scarborough College)

Scarborough College students taking their fourth year on the St. George Campus will register at Sidney Smith Hall between 9:00 a.m. and 12 noon on Saturday, 9 September, 1972.

(b) Part-Time Students

The Registration procedures for part-time students at Scarborough College are under review at this time. Currently registered students will receive the necessary instruction and information by mail. Newly admitted students will receive information concerning Course Selection and Registration after they have been admitted.

For further information or if you have any enquiries, please call 284-3127.

Part-Time Students

Fees

Academic fee for each full-year course is \$95.00. Academic fee for each half-course is \$47.00. In addition, each student pays \$3.00 per session to the Association of Part-Time Undergraduate Students (A.P.U.S.) for the maintenance and furtherance of the services provided for part-time students by their own association. Also, in the Summer Evening Session

only, students are required to pay an additional \$2.00 for the Student Activity Fee. Academic fees and the Student Activity Fee are paid in full before each session. Cheques and money orders should be made payable to the University of Toronto.

Registration Cards

To show that his registration has been accepted, each student receives a Registration Card from the Office of the Associate Dean and Registrar. Any change in the information on this card (i.e. the name and address of the student) should be reported immediately to that Office, in writing. Students are required to present their registration cards when borrowing books from the Library and when writing examinations.

Course Changes and Withdrawals

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

Refunds

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

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

Schedule of Refunds: Winter Session

Full Courses:

For students withdrawing between the first day of classes and December 31, \$47.50. (For students withdrawing on or after January 1, no refund.)

Half Courses:

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

Schedule of Refunds: Summer Evening Session

Full Courses:

For students withdrawing between the first day of classes and June 30, \$47.50. (For students withdrawing on or after July 1, no refund.)

Half Courses:

No refund.

Counselling

It is the responsibility of students to ensure that they register in courses, the combination of which comply both with pre- and corequisite

requirements. To assist students in this, or to help with any other matters, the Office of the Associate Dean and Registrar is pleased to arrange appointments. Call 284-3292 (Student Services Office) for such assistance. Please note that counselling services are available on certain evenings each week during both Summer and Winter Sessions. Call 284-3292 for details.

Full-Time Fees

Sessional Fees

The interim schedule of fees for 1972-73 is as follows. (The final schedule of fees will be mailed to students during the summer.)

	<i>Full Fee</i>	<i>First Instalment</i>	<i>Second Instalment</i>
Men	\$629	\$413	\$228
Women	\$626	\$410	\$228

Sessional fees include both the basic academic fee and incidental fees for: the Scarborough College Student Society, The University of Toronto Students' Administrative Council, University and College athletics and recreation, Health Service, and Hart House.

Either full fees or the first instalment of fees must be paid before a student is permitted to register. The second instalment must be paid early in January 1973. It is \$12. more costly to pay fees in two instalments than in a single instalment before registration. A late fee of \$15. is charged to students who are late in paying the second instalment.

All University fees and other financial obligations to the University must be fully paid before a student will be issued his academic transcript or graduation diploma, and before a student will be permitted further registration in a subsequent session.

Payment of Fees

1. Full Fees or First Instalment:

Each student will receive a "fees form" through the mail during the summer.

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

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

If the student is unable to pay his full fees or his first instalment before 25 August 1972, he should take his fees in person to the Fees Department or to the Office of the Associate Dean and Registrar at Scarborough College. Fees will be accepted at the College only after 25 August. Fees must be paid by means of personal cheque or money order, payable to the University of Toronto. (Counter cheques cannot be accepted.) Cash will be accepted from students paying in person at the Fees Department. However, there are no facilities at the College for handling cash.

2. Deductions From Full Fees or First Instalments:

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

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

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

Scholarships: A student may apply to his fees any scholarship awarded by the University of Toronto or by Scarborough College, or awarded through the auspices of the Office of Student Awards of the University. A student who receives a scholarship or another award directly from agencies other than the University may not deduct the amount of the scholarship from his fees. A student who pays full fees in the fall may deduct the full amount of his scholarship. A student who pays only the first instalment in the fall may deduct up to one-half the amount of his scholarship.

3. Second Instalment:

The second instalment of fees must be paid early in January, 1973. Fees may be paid at either the Office of the Associate Dean and Registrar at the College or may be mailed or taken to the Fees Department on the St. George Campus. Fees must be paid by means of personal cheque or money order, payable to the University of Toronto. (Counter cheques cannot be accepted.) The student should print neatly on the back of his cheque his: name, address, student number and "Scarborough College".

Miscellaneous Fees

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

1. Special Fees

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

Special and Supplemental Examination Fees: Students who are permitted to write supplemental examinations must pay a fee of ten dollars for a supplemental examination in one course and five dollars for supplemental examinations in each additional course. Students who write supplemental examinations at special examination centres outside Toronto must pay an additional fee of five dollars per course. Students who are granted permission to write special examinations must pay a fee of ten dollars per course. Students who petition

successfully for the recheck of marks in a failed final examination must pay a fee of five dollars which is refunded if an error is found.

2. Penalty Fees:

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

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

Fee for Late Payment of Second Instalment of Sessional Fees: Each student is required to pay the second instalment of his fees in early January of each year. A student who is late with his second instalment must pay a late fee of fifteen dollars.

Requirements for Standing

Each student in full-time attendance plans his own programme by combining together each year five full courses chosen to fit his interests, subject only to the following:

- All stated prerequisite and corequisite requirements shall be satisfied.
- Any two half-courses are equivalent to one full course; they may be from different disciplines.
- An extra full or half-course (not for credit towards a degree) may also be taken in each year, and standing obtained will be recorded.

First Year Programme

A student shall be said to have completed a First Year programme when he has obtained standing in five courses.

A student may not continue in full-time attendance unless he has standing in at least four courses.

Second Year Programme

A student shall be said to have completed a Second Year programme when he has obtained standing in ten courses, at least three of which must be B- or C-level courses.

A student in Second Year may not continue in full-time attendance unless he has standing in at least nine courses.

Third Year Programme and Requirements for Three-Year Degree

A student shall be said to have completed a Third Year programme and shall be entitled to receive a Bachelor of Arts or Bachelor of Science degree when he has:

- obtained standing in fifteen courses, at least eight of which must be B- or C-level courses;
- a final mark of 60% or better in each of at least eight of the fifteen courses. Of these eight at least four must be B- or C-level courses;
- for a Bachelor of Science degree, included in the eight or more required B- or C-level courses at least six courses in one or more of the following disciplines: Astronomy, Biological Sciences, Chemistry, Geography,* Mathematics, Physics, Psychology.

A Third Year student may not continue in full-time attendance until he has completed the requirements for a three-year degree. When the three-

year degree is conferred, the designation "Bachelor of Arts (Three-Year)" or "Bachelor of Science (Three-Year)" will appear on the student's academic record.

Entry into a Fourth Year Programme

A student shall be permitted to enter a Fourth Year programme only if he has completed the requirements for a Bachelor's degree as described above.

Fourth Year Programme and Requirements for a Four-Year Degree

A student shall be said to have completed a Fourth Year programme and shall be entitled to have the designation "Bachelor of Arts (Four-Year)" or "Bachelor of Science (Four-Year)" entered on his record when he has:

- (a) qualified for a 15-course degree;
- (b) at the first six attempts completed an additional five courses, no more than one of which may be an A-level course;
- (c) obtained a final mark of 60% or better in each of at least four of the five courses;
- (d) for a Bachelor of Science degree, included in the twelve or more required B- or C-level courses at least nine courses in one or more of the following disciplines: Astronomy, Biological Science, Chemistry, Geography,* Mathematics, Physics, or Psychology.

*For a list of acceptable courses, consult the Department of Geography.

Probation, Suspension and Refusal of Further Registration in the College

1. A student will be placed on probation if:
 - (a) he fails two or more courses in any session, or
 - (b) at the end of any session (Winter or Summer) including or subsequent to that in which the fourth course is attempted, he has obtained a grade of C (or higher) in fewer than 50% of his course attempts since beginning studies leading to the degree. Under these circumstances he will be warned that he must (re-)gain the required 50% of C's by the end of the next comparable academic session.
2. A student will be suspended from the College for one calendar year if:
 - (a) while on probation he fails two or more courses, or
 - (b) he 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 fails six courses
 - (b) he fails to satisfy the requirements for a three-year degree in his first twenty attempts
 - (c) while on probation a second time he
 - (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
 - (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, enrol in any one session in two courses which he has not previously attempted. If he obtains an average grade of B in the two courses, and not less than C in either, he will retain credit for these and for all courses in which he was previously successful, and he may re-enrol to complete the remaining courses required for the degree on the condition that he 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) All students will normally be expected to take a full programme of studies (five courses) in the winter session each year. With the approval of the College, exceptions may be made.
- (b)
 - (i) A student may withdraw from the College without academic penalty up to February 15th. However, if he withdraws in the Second Term, credit will be retained for any First Term half-courses completed and failure noted for any First-Term half-course failed.
 - (ii) If exceptional circumstances warrant it a student may be permitted, on petition, to withdraw from not more than one course (or two half-courses) of his programme without academic penalty.
 - (iii) A student may withdraw without academic penalty and without petition from an extra first term half-course before November 15th and from an extra full- or second term half-course before February 15th.
- (c) A student who wishes to enrol in three or fewer courses in any session may be admitted to the Division of University Extension. He may take a maximum of three courses in a winter session and two in summer session. Students may transfer from full-time attendance to the Division of University Extension before February 15th.
- (d) Normally, credit towards a degree will not be given for an extra (sixth) course.

Standing In A Course

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

Marks	Grade
80% - 100%	A

70% - 79%	B
60% - 69%	C
50% - 59%	D
below 50%	Fail

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- or 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 is affected by illness or domestic problems occurring after November 15 (First-Term courses) or February 15 (Second-Term and full courses), 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 must take in order to complete the course.

Such 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.

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 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.

Arrangements may be made to enable eligible candidates to write *supplemental* examinations in one of the following places: Banff, Calgary, Charlottetown, Edmonton, Fredricton, Halifax, Kapuskasing, Kenora, Kingston, Kirkland Lake, London, Montreal, North Bay, Ottawa, Quebec,

Regina, Saskatoon, Sault Ste. Marie, St. John's (Nfld.), Sudbury, Thunder Bay, Vancouver, Whitehorse, Windsor, Winnipeg, and London, England. Applications for such arrangements must be made not later than November 15, accompanied by the required supplemental examination fee and the special fee.

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

The August Examinations

The August examinations are held in the week following the conclusion of summer session classes. They are open to students enrolled in the Summer Evening 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.

Failed Fall Courses

If a student fails a fall course, he may take the same course in the spring or a different spring course and the best 5 full courses will be averaged. The same applies to a student who passed a fall course but did not do well and wishes to raise his average. In both cases the fall course mark will appear on his transcript.

Supplemental Examinations

Students in a First Year programme may write a supplemental examination in August in one failed 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, but will necessitate re-enrolment in the failed course or a substitute.

Students in Second, Third and Fourth Years and Special Students will not 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 at the end of his Fourth Year will graduate and receive his Diploma at that time unless he has already done so at the end of his Third Year.

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 284-3300).

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.



Course Descriptions Winter Session 1972-73

Timetable Legend

M = Monday L = Lecture
T = Tuesday T = Tutorial
W = Wednesday P = Practical Session
R = Thursday (Laboratory)
F = Friday E = Classes commencing
S = Saturday after 6:00 p.m.
/ = or ; = and

1. The timetable for each course is adjacent to the course title.
2. In some cases, these timetables are provisional and may change by September; PLEASE CHECK THE FINAL TIMETABLE AVAILABLE AT THE BEGINNING OF THE FALL TERM.
3. Where definite tutorial hours are not listed, PLEASE CHECK THE FINAL TIMETABLE AVAILABLE AT THE BEGINNING OF THE FALL TERM.

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', 'S' and 'H' indicate respectively Full Year, Fall Term, Spring Term and Year-Long Half Courses.
Thus, ANTA01Y reads:
ANT - discipline designation
A - introductory level
01 - course number
Y - full year course
3. PLEASE NOTE THAT WRITTEN PERMISSION FROM THE INSTRUCTOR IS THE *ONLY* ALTERNATIVE TO THE PREREQUISITES LISTED, AND MUST BE ATTACHED TO THE COURSE SELECTION FORM.

Anthropology

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.

ANTA01Y Introduction to Anthropology 3L,1T L:M12W1F2/R7-10E

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.

Prerequisites: None

Corequisites: None

Instructor: Schroeder; members of the faculty

ANTA04F Action Anthropology 2L:W2-4,1T:T2/T3/T5

Term
Half-
Course

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ANTB10] For some years anthropologists have used their knowledge of human societies in attempts to solve "practical" problems. The course will offer an opportunity to do some fieldwork, define some problems existing in the groups investigated and consider possible solutions to these problems.

Prerequisites: None

Corequisites: ANTA01

Instructor: Schwimmer

ANTB01F Cultural Ecology 2L:M11W9,1T:F10/F4

Term
Half-
Course

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

aspects of warfare and anthropological demography. Cases will be drawn largely, but not exclusively, from non-industrialized societies.

Prerequisites: ANTA01

Corequisites: None

Instructor: Knight

ANTB02S Anthropology of Religion 2L,1T L:MW1/T6-8E

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.

Prerequisites: ANTA01

Corequisites: None

Instructor: Hopen

ANTB03F The Americas: An Anthropological Perspective 2L:MW4,1T:W10/W12

Term
Half-
Course

A discussion of the origin and development of Native cultures in the New World, with particular emphasis upon changes due to European contact. The course will also focus upon the larger problem of patterns of race in the Americas. Emphasis will be on Latin America, but not to the exclusion of related aspects in North America.

Prerequisites: ANTA01

Corequisites: None

Instructor: Shirley

ANTB04F The Canadian Indian 2L:R7-9E,1T:R9E

Term
Half-
Course

A consideration of Canadian Indian communities as they have developed during the last twenty-five years in isolated areas, on reserves, and in cities. Basic data on the legal, political and economic position of the Indian population will be presented along with more detailed study of socio-cultural patterns in a range of communities. The comparison of Indian and certain other subcultures in Canada and consideration of the analagous positions of native peoples in certain other countries.

Prerequisites: ANTA01

Corequisites: None

Instructor: Knight

ANTB06F Cultures of Oceania 2L:T7-9E,1T:T9E

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.

Prerequisites: None

Corequisites: None

ANTB07S Comparative Slavery 2L:M11W9,1T:R1/R2

Term
Half-
Course

An examination of "slavery" as an institution in several areas of the world, including Brazil, Africa, the Caribbean, and the United States. An effort will be made to examine the modern consequences of slavery as well.

Prerequisites: ANTA01

Corequisites: None

Instructor: Shirley

ANTB09S History of Ethnological Theory 2L:M3W2,1T:M1/M4

Term
Half-
Course

A seminar discussion course on basic problems and methods in Anthropology. A short survey of past and present anthropological theory will be presented and current schools of thought debated. Limited Enrolment.

Prerequisites: None

Corequisites: None

Instructor: Schwimmer

ANTB12S Man in the Holocene 2L:W7-9E,1T:W9E

Term
Half-
Course

The evolution of culture in the post-Pleistocene period. A study of the enormous cultural changes that led to the Neolithic and Urban Revolutions and the beginnings of Civilization. Archaeological evidence for these transformations will be reviewed in both the New and Old Worlds. Limited enrolment — 30.

Prerequisites: None

Corequisites: None

ANTB13Y Methods and Principles of Archaeology 2L:W10-12,1T:R1

Full
Course

Consideration of the techniques by which an archaeologist collects and analyses prehistoric data for the reconstruction and study of culture history.

Prerequisites: ANTA01

Corequisites: None

ANTB14F Human Evolution 2L:W7-9E,1T:W9E

Term
Half-
Course

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

Prerequisites: ANTA01 or ANTB15 or BIOB14

Corequisites: None

ANTB15Y Introduction to Physical Anthropology 2L:TR12,2P:T2-4/R2-4

Full
Course

Introduction to Physical Anthropology surveys man's place in nature: his origin (fall) and ongoing evolution (spring). Basic to the course is an understanding of the Synthetic Theory of Evolution and the principles, processes, evidence and application of the Theory.

Three hours of laboratory per week acquaints the student with the methods and materials utilized by the Physical Anthropologist.

Prerequisites: ANTA01 or ANTB10 or ANTB14

Corequisites: None

Instructor: Burton

ANTB19F Introduction to Political and Economic Anthropology **2L:M7-9E,1T:M9E**

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ANTA02] A general survey of the problems of production, exchange and distribution in Anthropology, and the role of political systems in a largely "development" framework.

Prerequisites: ANTA01

Corequisites: None

Instructor: Shirley

ANTB20S Introduction to Social Organization **2L:TR2,1T:T9**

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ANTA03] "Kinship is to Anthropology what logic is to Philosophy or the nude is to art; it is the basic discipline of the subject." (Fox). The purpose of the course is to teach something about the species *Homo sapiens* by analysing variations in social structure.

Prerequisites: ANTA01

Corequisites: None

Instructor: Schwimmer

ANTC03F Advanced Reading and Research in Anthropology ***ARRANGE WITH INSTRUCTOR**

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

Prerequisites: One B-level course in Anthropology; permission of instructor.

Corequisites: None

ANTC04S Advanced Reading and Research in Anthropology ***ARRANGE WITH INSTRUCTOR**

See description for ANTC03.

Prerequisites: One B-level course in Anthropology; permission of instructor.

Corequisites: None

ANTC05F Canadian Cultures **2L:TR1**

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ANTB16] A consideration of contemporary subcultures in Canada and how these have developed in the last forty years. Indigenous groups (Indian-Metis-Eskimo) and formerly immigrant groups, both rural and urban, will be treated in the same general framework. The course will attempt to place local and regional ethnic groups and

subcultures in a national political and economic context. Limited Enrolment.

Prerequisites: One B-level course in Anthropology

Corequisites: None

Instructor: Knight

ANTC06S Problems in Human Evolution **2L:TR1**

An investigation of the view (Fischer 1914, Dobzhansky 1962, Leakey 1962) that human evolution has been a process of self-domestication. Major areas to be considered are processes of domestication including morphological changes, genetics, ecology, nutrition and behaviour. Data from non-human primates ranging from 'wild' to 'domesticated' will be drawn upon for comparative purposes, while studies of more popular animals will be examined to analyse the process.

Prerequisites: ANTB14 or ANTB15

Corequisites: None

Instructor: Burton

ANTC07F The Social Anthropology of Pastoral Nomadic Societies **2L:MW1**

Pastoral Nomadic Societies, wherever they are found, tend to have many features in common - social structure, personality, ecology and the like. In a seminar such similarities (and differences) will be studied. Limited enrolment - 10.

Prerequisites: One B-level course in Anthropology

Corequisites: None

Instructor: Hoppen

Students should also consult listing under:

NSCA03 Quaternary Environments and Man

NSCB01 Behaviour Biology: Seminar in Psychobiology

Astronomy

The subject matter of Astronomy encompasses all of the observable universe from the limits of the earth's atmosphere to the most distant galaxies and quasars. With advent of the "space age" the impact of new astronomical discoveries has increased, not only on other fields of science but also on various aspects of public life. At Scarborough College the full extent of astronomical topics is covered in ASTA02 (for science students) and ASTA03 (for non-science students) while more advanced topics in Astrophysics are dealt with in ASTB01 and ASTB03.

ASTA02Y A Survey of Astronomy and Elementary Astrophysics **2L,1T L:T9R2**

This is a survey course covering all aspects of modern Astronomy, and designed for students who are either taking a science programme or who have a background of Grade 13 Physics and Mathematics. The following topics will be covered: the solar system in detail, including the most recent space vehicle investigations; theories of the

evolution of stars; radio and optical studies of the Milky Way; the discovery and significance of molecules in space; external galaxies; radio astronomy; radar astronomy; quasars and their significance; cosmology; pulsars; current satellite-born infrared, ultra-violet and x-ray observations, and some recent discoveries by these new observational methods.

Prerequisites: Grade 13 Math A; Grade 13 Physics

Corequisites: None

Instructor: Roeder

ASTA03Y

Astronomy: Its History and Significance

2L,1T L:T9R1

Full
Course

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 analysed. 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.

Prerequisites: None

Corequisites: None

Instructor: Kronberg

ASTB01Y

Topics in Astrophysics

2L:T9R1,1T:R4

Full
Course

This course stresses the application of Physics and Mathematics to astronomical problems in five main areas:

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



and the temporal behaviour of the system as a whole.

Prerequisites: PHYA01; MATA01 or MATA26 or MATA55

Corequisites: MATB41

[ASTB03H Readings in Astrophysics]

Course not offered in 1972-73. A reading course in some topics of current interest in Astrophysics. The topics will be selected by the professor in consultation with the student. No formal lectures will be held but will be replaced by regular consultation between the student and professor. A mini-thesis will be submitted at the end of the winter term.

Prerequisites: PHYA01; MATA01 or MATA26 or MATA55

Corequisites: None

Biological Sciences

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

BIOA03Y Introductory Biology

2L:T4R1/R7-9E,3P:T9-12/W1-4/R2-5/F1-4/S9-12

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOA01 AND BIOA02] This course is designed for students who intend to pursue further in Biology or other Natural Sciences. It offers a thorough consideration of basic biological concepts as they pertain to both plants and animals. Lectures will emphasize the energetics of living systems, the transmission and functions of genes, integrative functions, and the origin and evolution of life. Laboratory and discussion periods will supplement the lecture material.

Prerequisites: None

Corequisites: None

Instructor: Filosa

BIOB02Y Basic Microbiology

2L:M12T9,3P:T2-5/R9-12

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

Prerequisites: BIOA01 or BIOA02 or BIOA03

Corequisites: None

Instructor: Kingsley

BIOB03S

Phycology

2L:MT1,3P:T2-5

A lecture and laboratory course on the ecology, physiology and biochemistry of the algae. Limited enrolment — 25.

Term
Half-
Course

Prerequisites: BIOA01 or BIOA02 or BIOA03

Corequisites: B10B15

Instructor: Sparling

BIOB05Y

Genetics

2L:W9R5,3P:M2-5/W2-5

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

Prerequisites: BIOA01 or BIOA02 or BIOA03

Corequisites: CHMB05

Instructor: Filosa

BIOB06Y

Plant Physiology

2L:M10W9,3P:W10-1

A lecture and laboratory course covering aspects of water relations, mineral nutrition, salt uptake and the growth and development of plants. Limited enrolment — 40.

Prerequisites: BIOA01 or BIOA03; CHMA01

Corequisites: CHMB05 is recommended but not essential

Instructors: Israelstam; Sparling

BIOB07Y

Developmental Biology (Animal)

2L:M10-12,3P:W10-1/W2-5

Development may be defined as the processes involved in the transformation of the fertilized egg into an adult individual. The course seeks to present the basic concepts of development through a lecture series on molecular and cellular aspects and laboratory exercises on descriptive and experimental embryology. Particular reference will be given to the concept that the fundamental process underlying cell differentiation is regulation of gene activity.

Prerequisites: BIOA01 or BIOA02 or BIOA03

Corequisites: None

Instructor: Brown; Govind

BIOB08Y

Invertebrate Zoology

2L:M2R1,3P:R2-5

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.

Prerequisites: None

Corequisites: None

Instructor: Urquhart

BIOB11Y

Animal Populations and Evolution

2L:W7-9E,3P:W10-1/S9-12

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

Prerequisites: BIOB05

Corequisites: None

Instructor: Campbell

- BIOB12Y Ecology** 2L:MW5,8P:(fall term only)F9-5
The fundamentals of the relations between organisms and biotic systems and the environment.
Full Course
Prerequisites: BIOA01 or B20A02 or B10A03
Corequisites: None
Instructor: Mantuani
- BIOB13Y Organisation and Phylogeny of Vascular Plants** 2L:M11T10,3P:T2-5
A lecture and laboratory course on structure, reproduction and phylogeny in the major groups of living and extinct vascular plants. Special emphasis will be given to the development and structure of cells, tissue systems and plant parts in seed plants.
Full Course
Prerequisites: None
Corequisites: None
Instructor: Dengler
- BIOB14Y Human Physiology (Human Biology)** 2L:T5F4,3P:M2-5/T9-12/T1-4
A lecture-laboratory course dealing with human anatomy and physiology of both normal and abnormal tissue. It is recommended that students taking the course have had a previous course in Zoology at the university level.
Full Course
Prerequisites: None
Corequisites: None
Instructor: Urquhart
- BIOB15F Limnology** 2L:MT1,3P:T2-5
A lecture and laboratory course, with some field work, dealing with the ecology of aquatic organisms, mainly phytoplankton. Limited enrolment — 25.
Term Half-Course
Prerequisites: BIOA01 or BIOA02 or BIOA03
Corequisites: BIOB03
Instructor: Sparling
- BIOB16Y Comparative Vertebrate Morphology** 2L:T1W12,3P:R2-5/F9-12
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB04 AND BIOB09]. A lecture and laboratory course on the histological and gross structure of vertebrate body systems with reference to their development, evolution and function.
Full Course
Prerequisites: None
Corequisites: None
Instructor: Youson
- BIOB17Y General and Comparative Physiology** 2L:M12W1,3P:T2-5/R9-12
[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.
Full Course

Prerequisites: BIOA01 or BIOA02 or BIOA03
Corequisites: CHMB05
Instructor: Govind

- BIOB18F Cell Metabolism** 2L:M9T11,8P:(every third week)F9-5
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB01]. 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. BIOB03 is recommended as a corequisite. Limited enrolment — 60.
Term Half-Course
Prerequisites: BIOA01 or BIOA03; CHMA01
Corequisites: CHMB05 is recommended but not required
Instructor: Israelstam
- BIOB19S Biology of Macromolecules** 2L:T10-12,8P:(every third week)F9-5
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB01]. This course is designed to present the basic concepts of the molecular biology of the gene through discussion of key experimental observations. Main topics will be mechanisms of gene replication and regulation of expression of gene activity in higher and lower organisms. Students will receive laboratory experience in the use of a range of molecular biology techniques.
Term Half-Course
Prerequisites: BIOA01 or B10A02 or B10A03
Corequisites: BIOB05; BIOB18 recommended but not essential
Instructor: Brown
- BIOB20F Cell Ultrastructure** 2L:WF2,3P:R9-12
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOB04]. A lecture and laboratory course dealing with current concepts in animal and plant cell ultrastructure, with particular reference to the interpretation of cell components as they appear in electron micrographs.
Term Half-Course
Prerequisites: BIOB16 or BIOB13
Corequisites: None
Instructors: Dengler; Youson
- BIOB21Y Marine Biology** *ARRANGE WITH INSTRUCTOR
A lecture-laboratory course dealing with Marine Biology presented at the Huntsman Marine Laboratory, St. Andrews, New Brunswick. Topics covered: Oceanography; Plankton Biology; Seabirds; Fisheries; Benthos Ecosystems; Organic Carbon Cycling; Ecology of Rocky Shores; Seaweeds; Physiology of marine animals.
Full Course Summer Course Only
Prerequisites: BIOA03; BIOB08
Corequisites: None
Consultant: Urquhart
- BIOC01Y Supervised Study in Biology** *ARRANGE WITH INSTRUCTOR
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS BIOC01F AND BIOC01S]. An independent study course designed to permit intensive examination of the literature of a selected topic
Full Course

and/or laboratory or field project in Biology. Supervision of the work is arranged by mutual agreement between student and instructor.

Prerequisites: Satisfactory completion of 15 year-course equivalents, of which at least four must be Biological Science B-level courses.

Corequisites: None

Instructors: Members of the faculty

BIOC03Y Advanced Cell Metabolism *ARRANGE WITH INSTRUCTOR

Full

Course

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

Prerequisites: Satisfactory completion of 15 year-course equivalents, including B10B18.

Corequisites: None

Instructors: Israelstam

BIOC04Y Invertebrate Ecology *ARRANGE WITH INSTRUCTOR

Full

Course

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.*

Prerequisites: Satisfactory completion of 15 year-course equivalents, including BIOB08; permission of the instructor.

Corequisites: None

Instructor: Urquhart

* Applications 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.

Students should also consult listing under:

NSCA02 Introduction to Natural Science: The Biological Sciences

NSCA03 Quaternary Environments and Man

NSCB01 Behaviour Biology: Seminar in Psychobiology

Canadian Studies

CASA01Y Introduction to Canadian Studies 2L:M7-9E,1T:9E

Full

Course

Representatives of various disciplines will take part in discussion of Canada as a distinctive unit. For detailed information students should consult the course co-ordinator, Professor Tayyeb.

Prerequisites: None

Corequisites: None

Coordinator: Tayyeb

Chemistry

A sound knowledge of the fundamental concepts of Chemistry is essential 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, C-level courses can be studied: CHMC01 (inorganic), CHMC02 (Physical) and CHMC03 (Organic).

For those who subsequently wish to enrol 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	430
CHMA01, CHMB03, CHMB04, CHMC02	420
CHMA01, CHMB05, CHMC03	440

While course 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, MATA55 or MATA26, 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: MATA58, MATB40, MATB46, MATB51, MATB53, MATB56, PHYB01, PHYB02, PHYB04, PHYB05, PHYB11, PHYB12.

CHMA01Y General Chemistry 2L,1T,3P L:T5R12/M9R5 P: T1-4/W9-12/R2-5/F2-5

Full

Course

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.

Prerequisites: Grade 13 Chemistry

Corequisites: MATA26 or MATA55

Instructors: Members of the faculty

CHMB01Y Inorganic Chemistry I 3L:W3W4F10

Full

Course

Atomic and molecular structure, including energy levels, bonding, electronegativity, lattice energies, heats of formation and hydration, etc. Oxidation state diagrams. Chemistry of hydrides, halogens and selected topics in Main Group elements.

Prerequisites: CHMA01

Corequisites: None

Instructor: Harris

CHMB02Y Analytical Chemistry 1L:W12,6P:M9-12T9-12

Full

Course

Equilibrium and analysis: volumetric analysis; acid-base, precipitation and complexation titrations. Electrochemistry: oxidation-reduction equilibria and redox titrations, potentiometric (ph) titra-

tions. Chromatography, ion exchange. Gravimetric analysis. Absorption spectroscopy. Instrumental techniques. Qualitative analysis.

Prerequisites: CHMA01

Corequisites: None

CHMB03Y Physical Chemistry I 2L:W9W2

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.

Prerequisites: CHMA01; MATA26 or MATA55

Corequisites: None

Instructor: Caton

CHMB04S Quantum Chemistry 2L:T9-11

Term
Half-
Course

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

Prerequisites: CHMA01; MATA55

Corequisites: CHMB03; MATB41 or MATB55

CHMB05Y Organic Chemistry I 2L,1T,3P L:T1R11,P:M2-5/W2-5/F9-12

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.

Prerequisites: None

Corequisites: CHMA01

CHMC01Y Inorganic Chemistry II 2L:R10-12,7P:(fall term only)T10-5

Full
Course

A study of transition metal Chemistry including oxidation state diagrams; atomic structure and energy levels; crystal field theory; molecular orbital theory; a thermochemical and structural survey of:

1. divalent ions,
2. trivalent and higher oxidation states,
3. low oxidation states, i.e. carbonyls, nitrosyls, etc.

Prerequisites: CHMB01

Corequisites: CHMB03

Instructor: Walker

CHMC02Y Physical Chemistry II 2L:MF12,7P:(spring term only)T10-5

Full
Course

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS CHMB06] Statistical mechanics and statistical thermodynamics and their applications to chemical problems. Thermodynamics of non-ideal solutions. Other topics in Physical Chemistry, such as Photochemistry.

Prerequisites: CHMB04 (for 1972-73, a prerequisite of CHMB04 and a corequisite of CHMB03 may be substituted;

students who have completed CHMB03 will be excused the laboratory in CHMC02)

Corequisites: MATB41 or MATB50; MATB55

CHMC03Y Organic Chemistry II 2L:W11F1,4P:R9-1

Full
Course

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS CHMC13]. Applications of mass spectroscopy, nuclear magnetic resonance, infrared and ultraviolet spectroscopy to structure determination, a review of the reactions of the functional groups, together with their synthetic applications. The laboratory course will introduce the student to instrumental methods and more sophisticated techniques and may involve a research project.

Prerequisites: CHMB05

Corequisites: None

General Classics

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

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

A student who wishes to take approximately half of his fifteen courses in Classics should confine himself to "Greek Studies" or "Roman Studies". The core of these courses should consist of three full courses (or their equivalent in half courses) in the ancient language and one course in Greek and Roman History (GRHB01 for "Greek Studies" and GRHB03 for "Roman Studies"). For "Greek Studies" the remainder should be chosen from other courses in Greek; all courses in Classics (excluding CLAB03); Greek and Roman History B02, B21, B22, B24; Fine Art A01 or A03, B23; Philosophy B65, B66; Humanities B06, B07; Linguistics B04. For "Roman Studies" the remainder may be chosen from other courses in Latin; all courses in Classics; Greek and Roman History B02, B23, B24; Fine Art A01 or A03; Humanities B06, B08; Linguistics B04.

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

The New Programme offers much flexibility and freedom in the choice of courses. The suggestions given above are designed to help the student plan a cohe-

rent course of study, but he is strongly encouraged to contact members of the faculty for information about individual courses or for advice in planning his programme. (Professor Grant H-331, 284-3128, will be happy to meet with prospective students.)

Classics

These courses are intended to provide, for the student who is not able to read the literature of the Greco-Roman World in the original languages, some appreciation of Greco-Roman civilization through the study of appropriate texts in translation. But, though the courses are directly concerned with the literature (of various genres), the philosophy, and the historical and religious thought of the Greeks and Romans, their content is much wider than these specific subjects; in every case the special topics considered will be examined with a view to furthering our understanding of the ancient world and of the relationship between that world and our own. Students will be encouraged to read widely and critically, to contribute to discussions of their reading and to report their findings in literate and original essays.

CLAB02Y Greek and Roman Tragedy 1L:W7E, 1T:W8E

Full
Course

The tragedy of the Greeks and Romans: an exploration of the nature and intent of Classical tragic drama, its conventions, historical origins and cultural context, with a discussion of selected plays by Aeschylus, Sophocles, Euripides and Seneca.

Prerequisites: None

Corequisites: None

Instructor: Grant

CLAB03F Roman Love Poetry 2L:M1W12

Term
Half-
Course

A discussion of the treatment of the theme of love in Classical literature and the development of erotic poetry as a literary genre, with a study of Catullus, Propertius, and Ovid.

Prerequisites: None

Corequisites: None

Instructor: Warden

[CLAB08S The Ancient Novel]

Term
Half-
Course

Course not offered in 1972-73. The cosy Greek escapist novel, index of a society of reduced political views will be studied in the pages of its five major practitioners (Achilles Tatius, Chariton, Heliodorus, Longus and Xenophon of Ephesus). The Roman counterpart is represented by the *Satyricon* (the sensual and intellectual odyssey of three antiheroes) and the imaginative and humorous *Metamorphoses* of Apuleius.

Prerequisites: None

Corequisites: None

[CLAB09S Greek and Roman Comedy]

Term
Half-

Course not offered in 1972-73. 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

Course	comedy, the origins and development of Greek Comedy, and the contributions of Plautus and Terence to the genre. <i>Prerequisites:</i> None <i>Corequisites:</i> None
CLAB21Y	Greek and Roman Religion 1L:T12,2T:F1-3 An exploration of the nature and range of religious experience. Among the topics discussed will be the nature and function of mythology and its relation to religion, Homer and the Olympian gods, myth and philosophy, mystery religions and popular cults, paganism and Christianity. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Warden
CLAB23F	Christianity in the Greco-Roman World 2L:WF11 This course will examine the interrelationship between Christianity with its Jewish origins and the Roman empire in which it spread and eventually became the dominant religion. Content will include: the history of the period to the time of Constantine as it relates to the church; the conflict between those who were hostile to classical culture and those who found good in it; themes found in both Christianity and classical religions. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Irwin

Students should also consult listing under:

HUMB06	Love and Friendship
HUMB07	The Ulysses Factor
HUMB08	The Age of Augustus
HUMB11	The Art of Satire

Greek and Roman History

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

GRHB01Y	History of Greece from 2000 B.C. to the Death of Alexander 2L:M7-9E,1T:M9E Political, economic, social and cultural aspects. As far as possible, this course will be studied through the Greek authors (in translation) and attention will be given to the discoveries of Archaeology, and its methods. Principal topics include: The World of Homer, past and present; Evolution of Democracy; Sparta, ideal and reality; Athens and Democratic Imperialism; Achievements of Alexander. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Derow
GRHB02Y	Greek and Roman History from the Death of Alexander to the Gracchi 2L:M9W11,1T:T3/T4 A study of the emergence and evolution of the Hellenistic Monarchies after the death of Alexander, the development of Rome as a "World Power", and the interaction of Greek and Roman worlds, with its internal effects on both. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Corbett
GRHB03Y	Roman History from the Gracchi to Nero 2L:T10F1,1T:R9R11 A study of the Roman Republic as a social and political organization, and as "World Power". The collapse of the republican system of government and the reconciliation of republican forms with military despotism and increasing bureaucracy. This course will emphasize close study of the primary sources for the period; these sources will be read in translation. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Corbett
[GRHB21Y]	Greek Democracy] Course not offered in 1972-73. The central theme will be Athenian democracy; how it evolved, how it worked, and how it compared with other forms of democracy in the Greek world. The subject will be studied, as far as possible, through the relevant Greek authors (in translation). <i>Prerequisites:</i> GRHB01 or any related Classics course <i>Corequisites:</i> None
[GRHB22Y]	The Greeks Overseas] Course not offered in 1972-73. This course will deal with two closely related topics: (1) the interaction of the Greeks with other races, and the impact of this process on Greek culture; (2) the role of the sea, in war and trade, in the history of Greece. <i>Prerequisites:</i> GRHB01 or a related Classics course <i>Corequisites:</i> None

[GRHB23Y Studies in Roman History]
Course not offered in 1972-73. This course is intended for the more advanced student; while no prerequisite is indicated, students will be required to demonstrate that they possess the necessary background. Special topics or periods will be chosen for study; some of the possible areas of study are the following: Roman Imperialism, Roman Political History, The Roman Conquest of Italy, The Decline of the Roman Empire, Rome and the Jews. But the final choice of subject(s) of concentration will be governed by the interests of the students and faculty involved.

Prerequisites: None
Corequisites: None

[GRHB24F Ancient Historiography]
Course not offered in 1972-73. A study of the ancient historians (Herodotus, Thucydides, Livy and Tacitus), their historical thought and their literary techniques; special attention will be given to the intellectual development of the historians in their environment. All texts will be read in translation.

Prerequisites: None
Corequisites: None

Greek

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

GRKA01Y Introductory Greek **4L:M10M1W10F10**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS GRK001]. 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.

Prerequisites: None
Corequisites: None
Instructor: Irwin

GRKB01F Plato Apology, Lysias In Eratosthenem **3L:M10T3W3,1P:W1**
 Socrates' speech in his defence will be read, with accompanying exercises to assist the student in further study of the Greek language. Lysias' speech prosecuting his brother's supposed murderer will also be read.

Prerequisites: Grade 13 Greek or GRKA01 or GRK001
Corequisites: None
Instructor: Shaw

[GRKB11S Homer Odyssey]
Course not offered in 1972-73. The wanderings of Odysseus, a reading of three books of the Odyssey with discussion of the nature and literary qualities of Homeric epic.

Prerequisites: GRKB01
Corequisites: None

GRKB12S Herodotus **3L:M10T3W3**
 Selections from the *Father of History* will be read with discussion of the literary qualities of the work and the historical background.

Prerequisites: GRKB01
Corequisites: None
Instructor: Shaw

GRKB30F Directed Reading ***ARRANGE WITH INSTRUCTOR**
GRKB31F This course, like GRKB35 -B39 spring term series, is designed for
GRKB32F students who are capable of reading Greek on their own with profit
GRKB33F and its purpose is to provide them with the opportunity of reading
GRKB34F more widely in areas which interest them. Each student will be assigned to an instructor who will choose the texts to be studied taking into consideration the interests of the students. The student will meet his supervisor once a week to discuss topics and difficulties which arise in his reading. (A student may theoretically take any number of these courses, but should consult the instructor before doing so.)

Prerequisites: GRKB11 or GRKB12
Corequisites: None
Instructors: Warden; Irwin

GRKB35S Directed Reading ***ARRANGE WITH INSTRUCTOR**
GRKB36S [See GRKB30 Above]
GRKB37S *Prerequisites:* GRKB11 or GRKB12
GRKB38S *Corequisites:* None
GRKB39S *Instructors:* Warden; Irwin

Latin

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

LATA01Y Introductory Latin **4L:MT9WR12,1P:W3**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LAT001]. The purpose of this course is to acquaint the student with the essentials of the Latin language. Although the emphasis will be

linguistic, selected texts will be read to introduce the student to Latin literature. On completion of the course a student will be equipped to proceed to LATB01 or LATB02.

Prerequisites: None

Corequisites: None

Instructor: McDonald

LATB01F Catullus 3L:W9R11F1

Term
Half-
Course

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

Prerequisites: LAT001 or LATA01 or Grade 13 Latin

Corequisites: None

Instructor: McDonald

LATB02S Catiline 3L:W12R11F1

Term
Half-
Course

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

Prerequisites: LAT001 or LATA01 or Grade 13 Latin

Corequisites: None

Instructor: Irwin

LATB22F Horace 3L:M4W4R3

Term
Half-
Course

A careful study of a selected number of Horace's *Odes* and *Epodes*, with attention to such aspects as form and structure, poetic imagination, and literary convention. The selection of poems will embrace such themes as Horace and his work, Horace and the State, wealth and contentment; time and nature, life and death, love; religion.

Prerequisites: LATB01

Corequisites: None

Instructor: Grant

LATB30F Directed Reading *ARRANGE WITH INSTRUCTOR

LATB31F
LATB32F
LATB33F
LATB34F

Term
Half-
Courses

Students who have completed LATB01 or LATB02 and wish to do further work in Latin enter a directed reading programme. The purpose of the programme is to allow the student maximum flexibility in the choice of areas which interest him and to allow him to read widely, under direction, in those areas. Each student will be attached to a tutor, and in consultation with him will choose the texts to be studied. A student may choose to read from the works of a specific author (e.g. Livy or Tacitus, for those whose primary interest is history; Vergil or Ovid, for those wishing to do poetry) or in a single genre (such as Satire or Roman Comedy). The student will meet his tutor once a week to discuss points of interest and difficulties which have arisen from his reading, and will meet together with others reading in the same area for regular discussion

of common themes and problems (such as principles of appreciation, interpretation and criticism). A student may theoretically take any number of these courses, but should consult the instructors before doing so.

Prerequisites: LATB01 or LATB02

Corequisites: None

Instructors: Warden, McDonald, Grant

LATB35S Directed Reading *ARRANGE WITH INSTRUCTOR

LATB36S
LATB37S
LATB38S
LATB39S

[See LATB30 Above]

Prerequisites: LATB01 or LATB02

Corequisites: None

Instructors: Warden; McDonald; Grant

Commerce

COMA01Y Financial Accounting 2L:T7-9E,1T:T9E

[MAY NOT BE TAKEN IN 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.

Prerequisites: None

Corequisites: None

Instructor: Shapiro

COMB21F Management Accounting 2L:T7-9E

[MAY NOT BE TAKEN IN 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

Corequisites: None

COMB22S Information Systems and Control 2L:T7-9E

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS COM222]. The course includes information system theory, control theory and practice, relevant 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

Corequisites: None

Development Studies

The systematic study of development is a fairly recent phenomenon, stimulated by the demise 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 adaption and resistance to new ways of life. Political scientists seek to uncover the pernicious 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 underdevelopment are inextricably 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 set aside for each discipline.

ANTB03 -	The Americas: An Anthropological Perspective
ANTB19 -	Introduction to Political and Economic Anthropology
ECOB09 -	Economic Development
GGRB08 -	The Geography of Underdeveloped Areas
GGRC09 -	Canada North of Sixty
HISB22 -	British Imperialism in Asia and Africa
POLB12 -	Politics and Society in Independent Africa
POLB17 -	Politics and Society in Modern China
POLC04 -	Modernization and Revolution
SOCB16 -	Social Change
SOCC06 -	Sociology of Industrialization
SOSB02 -	The Indian Sub-Continent: Contemporary Problems

Drama

Scarborough College offers a number of courses in Drama in various disciplines



which can be built into programmes by students interested in this field. In 1972-73, a new course will be offered in the history of the theatre, combined with a workshop in theatrical techniques, design, acting, and other aspects of production. It is hoped to add further courses in theatre history and practical work in subsequent years until a full Drama programme is in operation.

DRAB01Y Drama Seminar and Workshop 2L:R2-4,2P:R5-7E

Full
Course

The course will consist of two independent parts: one theoretical, the other practical. The student will attend a two hour seminar and two hours of practical workshop each week. The course will attempt to relate the non-literary elements of theatre of particular periods to dramatic writings of the respective times. It will deal with the different theatrical conventions, acting styles, and methods of production from classical theatre through the mid-twentieth century. The role of the director in the late nineteenth and twentieth century theatre will be investigated also. The practicum will consist of a weekly two hour workshop, the end product of which will be a full-scale theatrical production. Each student will be expected to both write a paper concerning some aspect of the material covered in the seminar and take part in the production towards the end of the year.

Prerequisites: As enrolment must be limited to 25, all students interested in this course must consult with the instructor before registration.

Corequisites: None

Instructor: Schonberg

Students should also consult listing under:

- CLAB02 Greek and Roman Tragedy
- CLAB09 Greek and Roman Comedy
- GRKB30-34 Directed Reading
- GRKB35-39 Directed Reading
- LATB30-34 Directed Reading
- LATB35-39 Directed Reading
- ENGB10 Shakespeare
- ENGB11 Varieties of Drama
- ENGB12 English Drama to 1642
- ENGB31 Modern Drama
- FREB28 French Drama of the 17th Century
- FREB29 French Drama of the 18th Century
- FREB30 French Drama form 1800
- FREB40 The Playwrights of the Golden Age: Corneille, Molière, Racine
- FREB41 The Poetry and Prose of the Golden Age
- GERB03 20th Century Drama and Poetry
- GERB16 19th Century Drama and Poetry
- HUMB09 Introduction to Cinema
- RUSB12 Russian Drama

SPAB23 Spanish Drama

SPAB27 The Poetry and Theatre of García Lorca

Directed reading programmes will give the student opportunities for reading Greek and Roman Drama.

Economics

The programme in Economics at Scarborough College can now provide a well-rounded training in that 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 certain courses from the list that follows which can be regarded as central: the introductory course; the initial courses - Microeconomics (ECOB01) and Macroeconomics (ECOB02); and at least one course in Economic History. A student who plans to go further with the subject, should consider seriously acquiring some background in Accounting and Statistics, and depending upon interest, form 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 competence. Under this heading, we urge your attention to fields such as Mathematics (especially Calculus, Probability Theory and Linear Algebra), Political Science, History, and the other Social Sciences.

ECOA01Y Introduction to Economics 2L,1T (every second week)

L:M3F1/T3F1/W7-9E

Full
Course

A study of economic theory and its application to contemporary Canadian economic problems. Problems discussed will include: unemployment, inflation, pollution, poverty, monopoly.

Prerequisites: None

Corequisites: None

Instructor: Campbell

ECOA02S Quantitative Methods in Economics

2L:TR10,1T:W9/W12

Term
Half-
Course

This course is a continuation of SOSA01 for students specializing in Economics. Its main purpose is to review the basic statistical concepts and show their meaning in an economic context. This will include some problems in using and testing econometric models.

Prerequisites or Corequisites: SOSA01; ECOA01 or ECOA03

Instructor: Pelikan

ECOB01Y Price Theory

3L:T3W2F2

Full
Course

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

Prerequisites: ECOA01 or ECOA03

Corequisites: None

Instructor: Bucovetsky

- ECOB02Y National Income and the National Economy 3L:MWF1**
 An intermediate level exposition of macroeconomic theory, or the theory of the aggregate national income. The subject matter is how the level of total national output is determined, and associated problems of the level of employment, business fluctuations, long term growth, price levels, and balance of payments adjustment.
Prerequisites: ECOA01 or ECOA03
Corequisites: None
Instructor: Bucovetsky
- ECOB03Y North American Economic History 2L:R9R3,1T:T10/T3**
 This course is intended as a survey of important themes in the economic history of Canada and the United States. A comparative approach is employed to develop such themes as the role of natural resource staple industries, the evolution of financial institutions, problems of industrialization and urbanization, and the relationship of the state to economic change in the two countries.
Prerequisites: ECOA01 or ECOA03
Corequisites: None
- ECOB04Y European Economic History 2L:T9-11/M7-9E**
 A study of the emergence of industrial society in Europe since the Middle Ages. There will be some emphasis of the comparative experience of Britain and other European countries and the growth of the nineteenth century world economy. Particular attention is paid to technical change, the expansion of markets, population growth, the economic effects of public policy, and consequent changes in income levels and the structure of the economy.
Prerequisites: ECOA01 or ECOA03
Corequisites: None
Instructor: Helleiner
- ECOB05F The Economics of Karl Marx 2L:WF12**
 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.
Prerequisite: ECOA01 or ECOA03
Corequisite: None
Instructor: Cohen
- ECOB06Y Literature of Political Economy 3L:T2R12R2**
 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. The study of the literature is intended to improve the student's understanding of contemporary economic literature and of the contemporary economic world. It should also improve his ability to assess the wisdom of contemporary economic policies. Problems of method of conflict of value are discussed.

Prerequisites: ECOA01 or ECOA03
Pre- or Corequisites: ECOB01 or ECOB02
Instructor: Bladen

- ECOB07S Economics of the Public Sector: Taxation 2L:T11-1**
 This course is concerned with the revenue side of government finance. In particular, it deals with existing tax structures, in Canada and elsewhere, and with criteria for tax design. Some attention will also be given to the use of government fiscal policy to regulate the level of economic activity.
Prerequisites: ECOA01 or ECOA03; ECOB01 and ECOB08 are strongly recommended but not required.
Corequisites: None
Instructor: Bucovetsky
- ECOB08F Economics of the Public Sector: Expenditures 2L:T11-1**
 A study of resource allocation in relation to the public sector, with emphasis on decision criteria for public expenditures. The distinction between public and private goods is central to the course - in general, we will examine cases where private activities have effects on individuals other than those directly involved, and the implications of these "spillovers" for the public sector. Special topics discussed include; pollution, the economics of education, fiscal federalism, urban problems.
Prerequisites: ECOA01 or ECOA03
Corequisites: None
Instructor: Campbell
- ECOB09F Economic Development 2L:T4-6**
 A term course analysing the processes of economic growth and development. Special attention will be given to the problems of devising policies to promote the development of less developed countries and regions.
Prerequisites: ECOB01
Corequisites: ECOB02
- ECOB10Y Comparative Economic Systems 2L:R3-5,2T:M2-4**
 Whilst the majority of courses in Economics study problems of a given economic system, usually that which is characteristic for developed capitalist countries, this course presents other alternatives for organizing economic life in a society. The alternatives considered are both real systems as they have developed in some countries, especially in the U.S.S.R., Czechoslovakia, Yugoslavia and China, and some untried systems as they have been proposed on a purely speculative basis. The course will attempt to evaluate properties of these systems and compare their respective advantages and shortcomings.
Prerequisites: ECOA01 or ECOA03
Corequisites: None
Instructor: Pelikan

- ECOB11S Money and Banking 2L:R7-9E**
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ECOB11Y]. An introduction to the operation of the money market. The focus will be on analysis of monetary theory and monetary policy.
Prerequisites: ECOB02
Corequisites: None
- ECOB12F International Economics: Finance 2L:M11-1**
 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.
Prerequisite or Corequisite: ECOA01 or ECOA03
Instructor: Tarshis
- ECOB13S International Economics: Trade Theory 2L:MW10**
 An analysis of the factors upon 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.
Prerequisite or Corequisite: ECOA01 or ECOA03
Instructor: Walker
- ECOB14F Labour Economics 2L:MW9**
 Analyzes 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
Corequisites: None
- ECOB16S Industrial Organization 2L:MW9**
 The economics of the firm with special attention to the Theory of Market Behaviour. The role of nonprice variables such as advertising is also considered. Industrial concentration in Canada and the United States is measured and its economic effects assessed. The role of public policy affecting competition, rate setting, and other aspects of business behaviour may also be discussed.
Prerequisites: ECOB01 or ECOB03
Corequisites: None
- ECOB17F Urban Economics 2L:MW10**
 Economic analysis as applied to contemporary urban problems. Topics discussed include: housing and urban renewal, poverty and income maintenance, education, metropolitan organization of urban areas.

Prerequisites: ECOA01 or ECOA03

Corequisites: None

Instructor: Gemello

[ECOB24Y Econometrics]

Full
Course

Course not offered 1972-73. A technical study of the problems of measurement and empirical research in Economics. In general we will examine methods of using data which are in part random in character and which are in part the result of a multitude of independent individual decisions based on interrelated variables (such as price). Central to the course is the analysis of estimation and predication with the aid of regression techniques. Some discussion of systems of simultaneous relationships (or equations) will be undertaken. The identification problem — estimation of demand or supply curves from the observation of equilibrium price and quantity configurations — will be examined.

Prerequisites: ECOA01 or ECOA03; SOSA01 (or an equivalent introductory statistics course).

Corequisites: None

ECOB25Y Managerial Economics

2L:WF12

Full
Course

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.

Prerequisite: ECOA01 or ECOA03

Corequisite: None

Instructor: Walker

ECOC01F Topics in Advanced Micro-Economic Theory

2L:W12F9

Term
Half-
Course

An investigation of some important questions which require treatment at an advanced level. It will not be necessary for the student to be acquainted with the standard analytical techniques (like linear algebra) for advanced economic theory, but the problems studied will demand depth of understanding of microeconomics. Which topics are explored will depend on the judgement of the instructor but they 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.

Prerequisites: ECOB01

Corequisites: None

Instructor: Campbell

[ECOC04S Topics in Advanced Macro-Economic Theory: Growth]

Term
Half-

Course not offered 1972-73. Economic growth of a capitalist economy is studied with a view to determining the nature of the equilibrium growth path toward which the economy tends over

Course

time. Attention will focus on the role of capital accumulation and of technological change. As a prelude to equilibrium growth theory the classical models will be explored. As a sequel to the equilibrium theory, the best growth path, not necessarily the one followed by a laissez-faire economy, will be determined.

Prerequisites: ECOB01; ECOB02

Corequisites: None

Instructor: Campbell

ECOC05S

The Economics of J.M. Keynes

2L:M11-1

Term
Half-
Course

Keynes was without a doubt the most important economist of the century. In this course, the student will be expected to study his major works and to consider 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 analysed.

Prerequisites: ECOB02

Corequisites: None

Instructor: Tarshis

ECOC06F

Welfare Economics and Policy Design

2L:R10-12

Term
Half-
Course

The course will be divided into two major parts. First, attention will be paid to some theoretical questions concerning individual and group welfare in conjunction with a critical analysis of the market system, both from static and dynamic points of view. In the second part, more pragmatic questions will be studied, namely those concerning objectives, instruments, and decision processes of a policy-maker whose task is to improve the working of a market economy under quite realistic conditions. Students are not required to be acquainted with the methods of Mathematical Economics, however they are expected not to fear mathematical formalisation of economic problems.

Prerequisites: ECOB01 or ECOB02

Corequisites: None

Instructor: Pelikan

Students should also consult listing under:

SOSA01F Quantitative Methods in Social Science

English

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

Those who wish to prepare themselves for the Specialist Certificate of the Combined Departments of English, a four year programme, may take the required courses at Scarborough College but should consult a member of the English staff during their first year. All students are advised to combine English courses with appropriate courses in other disciplines; i.e., with courses in Classics concerned with literary criticism, comedy, tragedy, and satire; with historical period courses in French and other foreign languages; or with courses in Aesthetics, History, Fine Arts, and Comparative Literature. Courses in Contemporary Literature may also be profitably combined with studies in Anthropology, Sociology or Philosophy. In this respect, Canadian Literature may best be studied as part of the College's Canadian Studies Programme.

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

ENGA04Y English Literature: Forms and Approaches

2L:MW4/M12W5/TF9/TR3

Full
Course

A study of a wide variety of English literature in terms of forms (drama, poetry, novel) and critical approaches. The course will involve some close study of the texts, but will emphasize discussion of particular works as representative of various *kinds* of literature (e.g. *Hamlet* as drama, *Hamlet* as tragedy), as well as discussion of some of the many critical approaches that have been developed for gaining a fuller understanding of literary works (e.g. structural analysis, study of imagery, psychoanalytic analysis). This critical emphasis should make the course particularly interesting for students who would like to specialize in English literature. Texts: Shakespeare, *Hamlet*; Congreve, *The Way of the World*; O'Neill, *Long Day's Journey Into Night*; Beckett, *Waiting for Godot*; selections from the poetry of Marvell, Pope, Keats, and Yeats; Austen, *Pride and Prejudice*; Dickens, *Great Expectations*; E. Brontë, *Wuthering Heights*; Woolf, *To the Lighthouse*. Substitutions and additions may be made by individual instructors, who will also assign approximately ten critical articles as required reading.

Prerequisites: None

Corequisites: None

Instructors: Creelman; Theil

ENGA05Y Canadian Literature in English 2L:MW9/MW10/MW12/TR10/TR12

Full
Course

A survey of important themes and forms in Canadian Literature in the nineteenth and twentieth centuries. Haliburton, *The Clock-maker*; Moodie, *Roughing it in the Bush*; Leacock, *Sunshine Sketches*; Grove, *Settlers of the Marsh*. Five or six novels selected from the works of the following: MacLennan, Callaghan, Buckler, Wilson, Richler, Klein, Watson, Lowry, Davies, Laurence, Le Pan, Godfrey, *Poets of the Confederation* (ed. Ross); *Poets Between the Wars* (ed. Wilson); Pratt, *Selected Poems*; *Poetry of Mid-Century* (ed.

Wilson), and other texts to be agreed on.

Prerequisites: None

Corequisites: None

Instructors: Margeson; Long.

ENGA08Y Forms of Twentieth Century Literature 3L:T5R1F1/M5T5W11

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ENGA01.] An introduction to the reading of twentieth century drama, poetry, and fiction.

Full

Course

Prerequisites: None

Corequisites: None

Instructors: Kay; Kirkham; Thomas

ENGB01Y Old English Language and Literature 3L:M2F9F10

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 more sophisticated study of poems selected from the *Exeter Book*. Texts: *Seven Old English Poems* (ed. J.C. Pope); AElfric, *Lives of Three English Saints*; *An Old English Grammar* (ed. Quirk and Wrenn).

Prerequisites: None

Corequisites: None

Instructor: Patenall

ENGB02Y Chaucer 2L:R7-9E

Full
Course

Selections from *The Canterbury Tales*, *The Book of the Duchess*, *The Parliament of Fowles*, *Troilus and Criseyde*. The F.N. Robinson edition is prescribed. The course involves a study of Middle English grammar and syntax in general and morphology in particular, and of the forms and style of Chaucer's verse.

Prerequisites: None

Corequisites: None

Instructor: Patenall

ENGB03Y Middle English Literature 2L:MW3

Full
Course

A study of the literature of the English speaking world from 1100 to 1500, excluding Chaucer [see ENGB02Y]. Both poetry and prose will be considered; some non-English works also will be read in translation. Texts: Bennett and Smithers, *Early Middle English Verse and Prose*; K. Sisam, *14th Century Verse and Prose*; Elder Edda; Chretien, *Yvain*; Gottfried, *Tristan*; Malory, *Le Morte d'Arthur*.

Prerequisites: ENGB01 or ENGB02

Corequisites: None

Instructor: Salus

ENGB04Y English Poetry, Prose and Drama, 1660-1800 2L:WF4

The poetry, prose and drama of the Restoration and Eighteenth

Full Course Century with special reference to the work of Dryden, Pope, Swift and Johnson.

Prerequisites: None

Corequisites: None

Instructor: Howard

[ENGB05Y Romantic Literature]

Full Course Course not offered in 1972-73. Blake, Wordsworth, Coleridge, Byron, Shelley, Keats for special study; brief selections from other poets of the period. Wordsworth, *Preface to Lyrical Ballads*, *Preface to the Edition of 1816*; Coleridge, *Biographia Literaria*; Shelley, *Defence of Poetry*; Keats, *Selected Letters*; selections from other prose writers of the period.

Prerequisites: One other course in English

Corequisites: None

[ENGB06Y Victorian Poetry]

Course not offered in 1972-73. Three major poets, Tennyson, Browning and Arnold will be given concentrated attention. There will also be reading in other poets of the age, including Beddoes, Clough, Fitzgerald, Hopkins, Meredith, Morris, D.G. Rossetti and Swinburne.

Prerequisites: One previous course in English

Corequisites: None

ENGB09Y Poetry and Prose of the English Renaissance 2L:M9W10

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

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

Prerequisites: None

Corequisites: None

Instructor: Margeson

ENGB10Y Shakespeare 2L:TR9/TR2/M10R5

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

Prerequisites: None

Corequisites: None

Instructor: Patenall

ENGB11Y Varieties of Drama 2L:MW1/MW2/WF11

Full Course Anouilh, *Antigone*; Brecht, *Galileo*; *Everyman*; Marlowe, *Doctor Faustus*; Miller, *Death of a Salesman*; O'Neill, *Long Day's Journey into Night*; Shaw, *Saint Joan*; Sophocles, *Oedipus Rex*; Synge, *Playboy of the Western World*; Webster, *Duchess of Malfi*. At least nine more plays chosen to extend the range of types of drama, and to illuminate by comparison the listed texts.

Prerequisites: None

Corequisites: None

Instructors: Theil; Schonberg

ENGB12Y English Drama to 1642 2L:M7-9E

Full Course Plays from the great cycles of medieval religious drama to the end of the Stuart drama in 1642 form the subject matter of this course. Medieval plays will be read in modern spelling editions. The complete plays of Marlowe, seven plays of Shakespeare, *Love's Labour's Lost*, *Richard III*, *As You Like It*, *Troilus and Cressida*, *Othello*, *Coriolanus*, *The Winter's Tale*, and three comedies of Ben Jonson will receive special attention. There will be also some study of stage conditions in the medieval theatre and in the various theatres of Elizabethan times.

Prerequisites: None

Corequisites: None

Instructor: Margeson

ENGB14Y Varieties of Fiction 2L:W3W4/TR2/TR4

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

Prerequisites: None

Corequisites: None

Instructor: Long

ENGB15Y English Poetry 2L:W1R3

Full Course An analytical study of poems of every kind and period.

Prerequisites: None

Corequisites: None

Instructor: Kirkham

ENGB16Y Fiction 1832-1900 2L:M3W2/T7-9E

Full Course A study of the development of the English novel in the Victorian period. We will be concerned with the intellectual, social and political climate from which the novels emerged as well as with the techniques developed by the novelists to embody their visions of man and society. We will also be reading some examples of continental fiction in this period to provide a wider context for discussion of the English novels. Texts: Dickens, *David Copperfield*, *Bleak House*; Thackeray, *Vanity Fair*; G. Eliot, *Silas Marner*, *Middle-*

march; Flaubert, *Madame Bovary*; E. Brontë, *Wuthering Heights*; Dostoevsky, *The Brothers Karamazov*; Meredith, *The Egoist*; Hardy, *Jude the Obscure*; Conrad, *Lord Jim*; three or four additional works. Since many of the novels of this course are extremely long, students intending to take this course are urged to read as many of the texts as possible during the summer.

Prerequisites: None

Corequisites: None

Instructor: Theil

[ENGB17Y Fiction Before 1832]

Full
Course

Course not offered in 1972-73. At least twelve works including one or more by each of Richardson, Fielding, Sterne, Austen and Scott.

Prerequisites: None

Corequisites: None

[ENGB21Y American Literature 1607-1865]

Full
Course

Course not offered in 1972-73. Selections from at least two pre-nineteenth century authors and Cooper, Emerson, Poe, Thoreau, Hawthorne, Melville, Whitman, Dickinson. Other authors may be added.

Prerequisites: None

Corequisites: None

ENGB22Y American Literature 1865 - Present

3L:M11M12W1

Full
Course

Selections from approximately twelve authors, including novels, short stories, drama and poetry. The course will focus on several recurrent themes in American literature. Texts include: Twain, *Huckleberry Finn*; Hemingway, *The Sun Also Rises*; James, *The Portrait of a Lady*; Dreiser, *Sister Carrie*; O'Neill, *The Great God Brown*; Miller, *Death of a Salesman*; Brautigan, *Trout Fishing in America*. Other works to be chosen, including an anthology of poetry.

Prerequisites: None

Corequisites: None

Instructor: Creelman

ENGB24Y Major American Authors

2L:WF9

Full
Course

An intensive study of a number of American authors (no fewer than four and no more than six) chosen from different periods so as to suggest something of the range of American Literature. At least three will be chosen from the following: Hawthorne, Melville, Whitman, Twain, James, Stevens, Eliot, Faulkner.

Prerequisites: None

Corequisites: None

ENGB26Y Canadian Poetry in English

2L:TF2

Full
Course

A study of at least fifteen poets from the nineteenth and twentieth centuries, at least nine to be chosen from the following: Crawford, Carman, Lampman, D.C. Scott, Pratt, F.R. Scott, A.J.M. Smith,

Birney, Klein, Livesay, Avison, Purdy, Dudek, Souster, Reaney.
Prerequisites: A previous course in English
Corequisites: None

ENGB27Y Canadian Fiction in English 2L:M2-4
 A thematic and formal study of prose fiction in Canada from its beginnings to the present. A minimum of twenty works including at least one work by eight of the following: Brooke, Richardson, Haliburton, Moodie, Duncan, Grove, Callaghan, MacLennan, Lowry, Laurence, Davies, Moore, Richler. Selections from an anthology of short stories. French-Canadian fiction in translation may be included.

Prerequisites: One previous course in English
Corequisites: None
Instructor: Long

ENGB28Y Contemporary Literatures in English: West Indies, Africa and Australia 2L:TR10
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LITB04 AND HUMB04.] The course will endeavour to compare and contrast, the literature of the West Indies, Africa, India and Australia, tracing similar themes and patterns that appear in the writings of all four areas. The following authors will be considered: Wilson Harris, V.S. Naipaul, Chinua Achebe, Wole Soyinka, J.P. Clark, Roger Rao, Patrick White and Randolph Stow.

Prerequisites: None
Corequisites: None
Instructor: Howard

ENGB31Y Modern Drama 2L:T5R3
 A study of developments in English, American and European drama from Ibsen to the present. The course will include plays by Chekov, Strindberg, Shaw, Eliot, Yeats, Brecht, O'Neill, Albee, Puitar, Osborne, Beckett.

Prerequisites: ENGB11
Corequisites: None
Instructor: Thomas

[ENGB32Y Modern Poetry]
Course not offered in 1972-73. A study of Yeats, Eliot, Auden, Thomas, and Frost.
Prerequisites: None
Corequisites: None

ENGB33Y Modern Novel 3L:T10T11R10
 An advanced study of fifteen novels selected from the period 1900-45, concentrating on the developments in fictional form and theory in the early twentieth century. Reading list will include: James, *The Ambassadors*; Conrad, *Nostramo*; Bennett, *The Old Wives' Tale*; Ford, *The Good Soldier*; Joyce, *A Portrait of the Artist*

as a Young Man; Woolf, *The Waves*; Cary, *The Horse's Mouth*. Students are strongly advised to read these novels before the course begins. Limited enrolment - 20.

Prerequisites: One of ENGA04, ENGB14, ENGB16, ENGB17
Corequisites: None
Instructor: Creelman

[ENGC04Y Four Major Renaissance Authors - Spenser, Milton, Donne, and Jonson]

Course not offered in 1972-73. Advanced study, concentrating especially on Spenser and Milton. Spenser: *Shepherd's Calendar*, *Amoretti*, *Four Hymnes*, *Epithalamion*, *Prothalamion*, *Faerie Queens* Books 1-3, 7; correspondence with Gabriel Harvey. Milton: all the poetry, four of five prose works. Donne: selected poetry and selected prose, concentrating on sermons. Jonson: representative selections from all the poetic works: *Every Man In His Humour*, *Volpone*, *The Alchemist*, *Bartholomew Fair*, two masques; selections from *Timber*. Students will be required to write one major essay and prepare several seminar papers.

Prerequisites: Two courses in English, including one B-level; one of the following as a pre- or corequisite: FARB16, FARB17, CLAB01, FREB40, FREB41, ITAB33, ITAB34, ITAB36, ITAB40

Corequisites: See note under Prerequisites

[ENGC05Y Four Major Restoration and Eighteenth Century Authors]
Course not offered in 1972-73.

Prerequisites: Two previous courses in English, including one B-level
Corequisites: None

ENGC06Y Studies in Nineteenth Century Literature 2L:M3F11
 A study of various kinds of self discovery in the literature of the earlier nineteenth century. Reading: Wordsworth, *The Prelude*; Byron, *Don Juan*; De Quincey, *Confessions of an English Opium Eater*; Hogg, *Memoirs of a Justified Sinner*; Carlyle, *Sartor Resartus*; Dickens, *Moby Dick*; Browning, *The Ring and the Book*; Whitman, *Song of Myself*.

Prerequisites: Two previous courses in English, including one B-level
Corequisites: None
Instructor: Kay

ENGC08Y Studies in Twentieth Century Literature 2L:MW4/T7-9E
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ENGB35.] A study of four of the following writers: Yeats, Eliot, Lawrence, Hemingway, W.C. Williams.

Prerequisites: Two previous courses in English, one of which must be a B-level.

Corequisites: None
Instructor: Kirkham

[ENGC11Y Paradise Lost]
Course not offered in 1972-73. A reading of *Paradise Lost* as part of Tudor and Stuart Literature of Dissent. The course may include early Protestant polemics, Elizabethan recusant writings, political verse and pamphlets, drama of revenge, dissent and civil discord, and other works that may be considered to treat of the phenomenon of revolution and disobedience. *Paradise Lost* will be discussed in terms of the aesthetic, dramatic and rhetorical implications of Milton's chosen subject matter.

Prerequisites: One B-level course in English

Corequisites: None

Instructor: Patenall

[ENGC12Y Joseph Conrad and the Modern Novel]
Course not offered in 1972-73. A study of Conrad's influence on three novelists who have acknowledged his importance for their own work; Fitzgerald, Faulkner and Mann. It will involve a reading of Conrad's major novels, focusing on narrative techniques (e.g. use of multiple narrators with distinctive verbal styles) as they relate to the meaning of these novels; and an examination of one or two novels by each of Fitzgerald, Faulkner and Mann to see how they adapted Conradian techniques to deal with similar thematic concerns. Tentative reading list: Conrad, *Heart of Darkness*, *Lord Jim*, *Nostromo*, *The Secret Agent*, *Under Western Eyes*, *Chance*, *Victory*; Fitzgerald, *The Great Gatsby*; Faulkner, *Absalom, Absalom*; Mann, *Doctor Faustus*; further texts to be chosen.

Prerequisites: ENGB14 or ENGB16

Corequisites: None

ENGC14Y Senior Essay ***ARRANGE WITH INSTRUCTOR**
 A scholarly project, chosen by the student, approved by the Assistant to the Chairman of the Division, and supervised by a member of the staff.

Prerequisites: Three previous courses in English, including one at B-level; permission of instructor

Corequisites: None

ENGC15Y Comprehensive Examination ***ARRANGE WITH INSTRUCTOR**
 Students intending to apply for a Specialist Certificate in English (issued by the Combined Departments of English) may write a comprehensive examination as one of the requirements for the Certificate. Reading lists and information concerning the nature of the examination will be available in the Divisional Office.

Prerequisites: Three B-level courses in English

Corequisites: None

ENGC17Y Yeates **2L:TR9**
 The collected poems as a unified work or modern epic. Supplementary reading will involve most of the plays, the auto-

Course biographical material, letters, and selected prose works, including *A Vision*. Limited enrolment - 15.

Prerequisites: Two previous courses in English, one of which must be a B-level.

Corequisites: None

Instructor: Rodgers

ENGC22F The Contemporary Press **2L:TR2**

A study of newspaper writing and layout. A range of Canadian, American and British newspapers will be used as they appear. Subject to arrangement, there will be visits to Toronto newspaper offices and discussions with journalists. Limited enrolment - 20.

Prerequisites: One B-level course in English

Corequisites: None

Instructor: Thomas

Students should also consult listings under:

CLAB09 Greek and Roman Comedy
 DRAB01 Drama Seminar and Workshop
 GERB17 The German Novel from Goethe to Grass
 HUMB01 Emergence of Modern Prose
 HUMB02 Guilt and Conscience in Post-World War II Literature
 HUMB05 Fantasy in Narnia and Middle Earth
 HUMB09 Introduction to Cinema
 HUMB11 The Art of Satire
 HUMB15 19th Century Poetry: Aestheticism
 HUMC01 Lyric Poetry of the Middle Ages in the Mediterranean Area
 ITAB33 Aspects of Italian Thought in the 15th and 16th Centuries
 LINA02 General Linguistics I
 PHLB60 Philosophy in Literature: Images of the Self
 RUSB11 19th Century Russian Literature
 RUSB12 Russian Drama
 RUSB21 20th Century Russian Literature

Fine Art

Courses in Fine Art are divided into two basic areas: Art History and Studio. The student, whether Studio or History oriented must refer constantly to the aesthetic experience; the student as art historian and the student as practising artist differ in the emphasis they place on particular aspects of art; in both cases he needs contact with works of art (and as a consequence, many courses in Fine Art require viewing museums, exhibitions and major galleries).

It is recommended that the study of art be integrated with other disciplines such as History, Philosophy (e.g. Aesthetics), Psychology (e.g. Perception), Literature and the Performing Arts. All interdisciplinary courses involving such studies, and especially the ones focusing on cultural milieu, will be helpful.

Art History entails a study of Architecture, Sculpture, Painting and Minor arts in Europe and North America. Fields of study are: Ancient (classical); Mediaeval - Early Christian; Byzantine, Romanesque and Gothic (IV-XIV Century);

Renaissance and Baroque (1400-1750); Modern (1750 to present). Levels of study are (a) introductory, and (b) concentration, in Art History; (a) introductory and (b) specialised, in Studio. Students requiring more information on Studio courses should contact the instructor.

FARA03Y Introduction to the Visual Arts **3L:T1W1F10**
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FARA01 AND FARA02.] This course will focus on a certain number of important monuments, artists and trends of Western art from Ancient Greece to Impressionism, seen in chronological sequence. It will at the same time provide some basic indication of methods and ways to analyze the work of art, starting with Woelfflin. The course has to be integrated with a survey for which the student will be held responsible.

Prerequisites: None

Corequisites: None

Instructor: Scavizzi

[FARB02F Gothic Art]
Course not offered in 1972-73. The art and architecture of the years 1150 to 1420 in Western Europe will be studied to show its genesis, development, and diffusion, and its position as a mirror of mediaeval culture.

Prerequisites: FARA01 or FARA03

Corequisites: None

[FARB03F Renaissance Art]
Course not offered in 1972-73. The architecture, sculpture and painting of the Renaissance in Europe (ca. 1400-1600) with primary emphasis on Italy.

Prerequisites: FARA02 or FARA03

Corequisites: None

[FARB04S Baroque Art]
Course not offered in 1972-73. Art and architecture in Europe (ca. 1600-1700).

Prerequisites: FARA02 or FARA03

Corequisites: None

FARB10Y Introductory Workshop in Colour and Design **3L:M7-10E,3P:W7-10E**
 Projects are designed to acquaint the student with fundamental principles of the visual arts. Limited enrolment — 20.

Prerequisites: None

Corequisites: A course in the History of Art or PHLB57 or PSYB51

Instructors: Amenta; Andrews

FARB11Y Intermediate Workshop and Seminar in Colour and Design **2L:W11F2,4P:M1-5**
 Projects in various media are to be determined in consultation with

Full Course the instructor. The student is expected to establish areas of interest and to plan a course of study-research under the guidance of his advisor(s). Limited enrolment – 20.

Prerequisites: FARB10

Corequisites: None

Instructors: Amenta; Andrews

FARB12Y Advanced Workshop and Seminar in the Visual Arts **2L:T12F10,4P:W1-5**

Full Course The student is expected to select one area of concentration and to plan his research activities for the year under the guidance of his advisor(s). Limited enrolment – 20.

Prerequisites: FARB11

Corequisites: None

Instructors: Amenta; Andrews

FARB13F Art of First Half of the 19th Century **2L:M2F4**

Term Half-Course This course deals with the art of the period between the French Revolution of 1789 and the revolution of 1848. The arts will be considered against the social and cultural background of Europe with special emphasis on the impact of the social changes caused by the two revolutions.

Prerequisites: FARA01 or FARA03 or FARB02

Corequisites: None

Instructor: Siebelhoff

FARB14S Art of Second Half of the 19th Century **2L:M2F4**

Term Half-Course This course concerns itself with the art of the second half of the nineteenth century, between the revolution of 1848 and the First World War. This rich period in the arts of the Western World will be considered through its paintings, architecture and sculpture. Special emphasis will be given to such major movements as Impressionism, Symbolism and Cubism.

Prerequisites: FARA01 or FARA03 or FARB02

Corequisites: None

Instructor: Siebelhoff

FARB15F Venetian Renaissance **2L:MR9**

Term Half-Course A survey of the mature phase of the Renaissance in Venice: painting and sculpture by Mantegna, the Bellinis, the Lombardos, Antonelloda Messina, Crivelli, Giorgione and Titian (until 1518). The study will consider the particular position of the Venetian Renaissance in comparison to both Florence and the North, and its relationship to the humanistic trends of Padua and Venice.

Prerequisites or Corequisites: FARA01 or FARA02 or FARA03

Instructor: Scavizzi

FARB16S Mannerism in Venice **2L:MR9**

Term The late Renaissance in Venice: Titian after 1518, Lotto, Tintoretto, Bassano and J. Sansovino. The course will deal mostly with the

Half-Course

manneristic aspects of XVI century art, but will consider also, in contrast, the more classical trends represented by Palladio in architecture, A. Vittoria in sculpture, Veronese in painting.

Prerequisites or Corequisites: FARA01 or FARA02 or FARA03

Instructor: Scavizzi

FARB17Y Baroque Painting in the Netherlands **2L:T1F10**

Full Course The course considers the Golden Age of Netherlandish Painting with such major artists as Rubens, Rembrandt, Frans Hals, Van Dyck and Jan Vermeer. Considerable emphasis will be placed on the social and historical background which made this surprising development possible.

Prerequisites: None

Corequisites: None

Instructor: Siebelhoff

[FARB18S French Rococo]
Course not offered in 1972-73. An intensive study of the painting of Watteau, Boucher, Chardin, and Fragonard.

Term Half-Course

Prerequisites: FARA02 or FARA03

Corequisites: None

FARB20Y Canadian Art **2L:M4F1**

Full Course A survey of Canadian Art from its origins to the present day. However, the emphasis will be on the nineteenth and twentieth centuries. The students should see as many of the original works of art, architecture, furniture, etc. as is possible, therefore, we will make trips to the Art Gallery, R.O.M., Kleinberg, very likely to the National Gallery in Ottawa, and hopefully to Montreal and Quebec City.

Prerequisites: None

Corequisites: None

Instructor: Siebelhoff

FARB22F Early Christian Art **2L:M2R3**

Half-Term Course The catacombs in Rome and elsewhere. Architecture, sculpture, and painting in Rome from III to VI century in relationship to late classical art and rising Christian symbolism and content. Milan and Ravenna: Monuments from IV to VI century with special emphasis on the mosaics of Ravenna ca. 450-550. A glimpse of the minor arts (illuminations and ivories) and the rise of Byzantine art.

Prerequisite or Corequisite: FARA01 or FARA02 or FARA03

Instructor: Scavizzi

[FARB23S Art and Culture in 5th Century Greece]
Course not offered in 1972-73. An exploration of the culture of classical Greece through its architecture, sculpture, and vase painting.

Term Half-Course

Prerequisites: None

Corequisites: None

Students should also consult listing under:

HUMB08 The Age of Augustus
PHLB57 Aesthetics

French

Our basic course, FREA01, assuming satisfactory completion of Grade 13 French or equivalent, is devoted to consolidating the previous experience of students reading, writing and speaking French, while acquainting them with the range of advanced studies open to them in university and providing some significant experience in various areas, such as language, literature and civilization. This basic course will include intensive language practice, and much of this will involve carefully planned work in the language laboratory. Supplementary to the basic course, one literature course devoted to French literature of the nineteenth and twentieth century will be offered. In these courses the student will be introduced to the intensive study of vital works of literature and made aware of various critical approaches. Finally, one series of courses will be available designed for students who would like to continue their reading of French without studying the subject intensively.

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

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

FREA01Y Preparation for University French Studies 3T:MWF9/MWF10/MWF11/
M7-10E(P:T7-9E)2P:T9/T10/T11/T12/T1/T2/T3 and
R9/R10/R11/R12/R1/R2/R4

Full Course A basic course for students intending to devote a significant part of their undergraduate studies to French language and/or literature. The major part of it is devoted to practical language work (phonetics, language laboratory, oral classes, written composition).
Prerequisites: Grade 13 French
Corequisites: None

FREA02Y Studies in Modern French Literature 1L:T12,1T:R12
Full Course A detailed study of selected works from the fields of French poetry; novels and dramas of the 19th and 20th centuries. The course is intended as a practical introduction to techniques of literary criticism and analysis as applied to French literary works.
Prerequisites: Grade 13 French
Corequisites: FREA01
Instructors: Bancroft; Curtis

FREA11F Man and Society in French Fiction 2L:W9R10
Term Half-Course For students who do not intend to devote a large part of their studies to French language and/or literature. A study of sociological problems as reflected in selected works of twentieth century French fiction. Classes conducted in English.

Prerequisites: Reading knowledge of French tested by an entrance exam for those without Grade 13 French.

Corequisites: None

Instructor: Kirkness

FREA12S Man and Society in French-Canadian Fiction 2L:W9R10
Term Half-Course [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREA11] For students who do not intend to devote a large part of their studies to French language and/or literature. A study of sociological problems as reflected in selected works of twentieth century French-Canadian fiction. Classes conducted in English.
Prerequisites: Reading knowledge of French tested by an entrance exam for those without Grade 13 French.

Corequisites: None

Instructor: Mittler

FREB21Y Language Practice 3L:MWF2/MWF3/MWF4,1P:M12/F12
Full Course [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB01] A continuation of first year language work, including grammar, composition, oral practice, pattern drills and language laboratory work.

Prerequisites: FREA01

Corequisites: None

Instructors: Jennings; Mignault; Mittler

[FREB25Y] Introduction to French Linguistics
Full Course Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB03] Study of linguistic theories from the beginning of the twentieth century as applied to modern French.

Prerequisites: FREA01

Corequisites: None

[FREB26Y] The Romantic Current in French Literature
Full Course Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB06] This course is primarily a study of some of the works (poetry, prose, drama) of the main writers associated with French Romanticism in the nineteenth century. However, works from other periods which are in some way related may also be studied.

Prerequisites: FREA01

Corequisites: None

FREB28F French Drama of the 17th Century 2L:WF3
Term Half-Course [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB28Y] A study of dramatic styles and techniques through the reading of representative plays of the period. Emphasis is on theories and ideas of the theatre, their evolution and their practical application. Students specializing in French language or literature who select this course are urged to take FREB29 as a companion course.

Prerequisites: FREA01

Corequisites: None

Instructor: Curtis

FREB29S French Drama of the 18th Century 2L:WF3
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB28Y] A study of dramatic styles and techniques through reading of representative plays of the period. Emphasis is on theories and ideas of the theatre, their evolution and their practical application. Students specializing in French language or literature who select this course are urged to consider taking FREB28 as a companion course.

Term
Half-
Course

Prerequisites: FREA01

Corequisites: None

Instructor: Curtis

FREB30Y French Drama from 1800 2L: M12F1
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB08] This course is primarily intended to provide a means of understanding various dramatic styles and techniques through a study of representative French plays of the 19th and 20th centuries.

Full
Course

Prerequisites: FREA01

Corequisites: None

Instructor: Jennings

FREB32F The Writer and 19th Century Society 2L:W1-3
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB10 AND FREB32Y] A study of such major writers as Balzac, Stendhal, Flaubert, and Zola. Texts analyzed will explore such themes as the individual in society, class struggle, ambition and alienation. Students who select this course are strongly urged to take FREB33 as a companion course.

Term
Half-
Course

Prerequisites: FREA01

Corequisites: None

Instructor: Bancroft

FREB33S Readings in 19th Century French Fiction 2L:W1-3
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB10 AND FREB32Y] Students specializing in French language or literature who select this course are strongly urged to take FREB32 as a companion course.

Term
Half-
Course

Prerequisites: FREA01

Corequisites: None

Instructor: Bancroft

FREB34F Ideas in 20th Century French Fiction 2L:T2R3
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB12 AND FREB34Y] Special emphasis will be given to the social, political and philosophical ideas of such writers as Camus, Sartre, Malraux and Bernanos. Students specializing in French

Term
Half-
Course

language or literature who select this course are strongly urged to take FREB35 as a companion course.

Prerequisites: FREA01

Corequisites: None

Instructor: Mittler

FREB35S Readings in 20th Century French Fiction 2L:T2R3
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB12 OR FREB34Y] Special emphasis accorded to those writers concerned with aesthetic and psychological problems. Texts will include works by Proust, Gide, Colette and Butor. Students specializing in French language or literature who select this course are strongly urged to take FREB34 as a companion course.

Term
Half-
Course

Prerequisites: FREA01

Corequisites: None

Instructor: Mignault

[FREB36F French-Canadian Literature to 1945]
Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB16] A study of selected poetry and novels from the mid-19th century to the end of the Second World War. Emphasis is on the historical, sociological and aesthetic points of view.

Term
Half-
Course

Prerequisites: FREA01

Corequisites: None

[FREB37S French-Canadian Literature since 1945]
Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB16] A study of the poetry, novels and drama of Quebec in the contemporary period. Emphasis is on the sociological and aesthetic aspects of this literature.

Term
Half-
Course

Prerequisites: FREA01

Corequisites: None

[FREB40F The Playwrights of the Golden Age: Corneille, Molière, Racine]
Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB02 OR FREB22] An intensive study of the three major playwrights of the seventeenth century. Students specializing in French language and literature who select this course are strongly urged to take FREB41 as a companion course.

Term
Half-
Course

Prerequisites: FREA01

Corequisites: None

[FREB41S The Poetry and Prose of the Golden Age]
Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB02 OR FREB22] A study of major writers of seventeenth century literature, except drama: Poetry, the novel, the discourse, the essay, the maxim and letter. Principal authors: Malherbe, Descartes, Pascal, La Fontaine, La

Term
Half-
Course

Bruyère, La Rochefoucauld, Mme de la Fayette and Mme de Sévigné. Students specializing in French language and literature who select this course are strongly urged to take FREB40 as a companion course.

Prerequisites: FREA01

Corequisites: None

FREB42F **General History of the French Language** **2L:WF12**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB05 AND FREB23] Topics will be chosen for study from the general history of French, from its origins in Latin to the present, including reference to social and regional variations of the standard language as well as the influence of other languages on its development. Students specializing in French language or literature who select this course are strongly urged to take FREB43 as a companion course.

Term
Half-
Course

Prerequisites: FREA01

Corequisites: None

Instructor: Kirkness

FREB43S **The French Language in Canada** **2L:WF12**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB05 AND FREB23] Attention will be given primarily to the expansion of French abroad, special emphasis being laid on the language in North America, particularly Canada. Students specializing in French language or literature who select this course are strongly urged to take FREB42 as a companion course.

Term
Half-
Course

Prerequisites: FREA01

Corequisites: None

Instructor: Kirkness

FREB44F **The Intellectual Explosion: The French "Philosophes" in the Age of Enlightenment** **2L:R7-9E**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB04 OR FREB24] A study of the principal trends in French philosophical thought in the eighteenth century, through an analysis of the most significant works of Montesquieu, Voltaire, Diderot, Rousseau and others. Emphasis is on the appreciation of ideas as they are reflected in the literature of the age. Students specializing in French language or literature who select this course are strongly urged to take FREB45 as a companion course.

Term
Half-
Course

Prerequisites: FREA01

Corequisites: None

Instructor: Moes

FREB45S **French Literature in the Age of Enlightenment** **2L:R7-9E**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS FREB04 OR FREB24] A study of the literary qualities of works that, in the past, have been examined more for their intellectual content than for their artistic merit. The major genres: drama, novel,

Term
Half-
Course

poetry, will be represented through study of authors such as Montesquieu, Voltaire, Diderot, Rousseau, Marivaux, Beaumarchais, Prévost and others. Students specializing in French language or literature who select this course are strongly advised to take FREB44 as a companion course.

Prerequisites: FREA01

Corequisites: None

Instructor: Moes

FREC01Y **Language Practice** **3L:MWF10/MWF11, 1P:R3**
This course is a continuation of FREB21 and is designed to advance the student's competence in written and spoken French.

Full
Course

Prerequisites: FREB21 or FREB01

Corequisites: None

Instructors: Jennings; Mignault

FREC02F **Directed Reading Courses** ***ARRANGE WITH INSTRUCTOR**
Students who have completed at least one B-level course in French and who wish to do further work in a specialized area of literature or linguistics may enter a directed reading programme, *with the consent of the instructor in whose area of specialization they wish to work*. Interested students should consult the Assistant to Chairman for French.

Term
Half-
Course

Prerequisites: At least one B-level course in French; permission of instructor.

Corequisites: None

Instructor: Members of the faculty

FREC03S **Directed Reading Course** ***ARRANGE WITH INSTRUCTOR**
The same as FREC02.

Term
Half-
Course

Prerequisites: At least one B-level course in French; permission of instructor.

Corequisites: None

Instructor: Members of the faculty

Students should also consult listing under:

PHLB60 **Philosophy in Literature**

Geography

Members of the Geography faculty can provide detailed advice and counselling on course selection and on 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.

The number of courses offered in Geography at Scarborough College is expanding as the College grows. In 1972-73, for the first time, it will be possible for students to take all of the courses required for specialization in Geography on the Scarborough campus. 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 interested in majoring in the subject are advised to include the full range of introductory Geography courses and GGRB02 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 A06 and A07 and A08 and A09 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 careers 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 new interdisciplinary course NSCA03 Quaternary Environments and Man will be of interest to many students taking Geography whether they are concentrating on Physical or Human Geography.

GGRA03S Introduction to Geography: Geographic Methods I: Cartographic and Field Methods 2L:TR10,1T:T9/T11/R11
Term Half-Course
Maps and field work are integral parts of almost all geographical work. This course illustrates the fundamental importance of maps and field work in teaching, research and many aspects of everyday life. One of the basic aims of the course is to provide students with an introduction to the compilation, construction, interpretation and use of a variety of types of maps. The course introduces some of the simpler basic field work techniques frequently used by geographers.
Prerequisites: None
Corequisites: None
Instructor: Sparrow

GGRA06F Introduction to Geography: Environmental Analysis 2L:T11-1,2T:(every second week)W10-12/W2-4
Term Half-Course
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS GGRA02] Studies of the environment of man following the philosophical traditions of Geography and allied Physical Sciences. The approach is analytical and conceptual aimed towards measured predictive capabilities. Subjects include spatial and temporal orientation

to landscape phenomena, measurement, scale and co-ordinate representation, atmospheric, biotic, and soils systems, resource identification and analysis, and environmental hazards with particular attention to environmental pollution.

Prerequisites: None

Corequisites: None

Instructor: Francis

GGRA07S Introduction to Geography: The Surface of the Earth 2L:T11-1,2P:(every second week)W10-12/W2-4
Term Half-Course
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS GGRA02] An introductory survey of the principles of Physical Geology and Physical Geography involved in the evaluation of man's changing physical environment. Included is a brief review of earth materials, the rock cycle, subsurface 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.

Prerequisites: None

Corequisites: None - a background in Science would be helpful but not essential

Instructor: Greenwood

GGRA08F Introduction to Geography: Regional Analysis 2L,1T L:W1F12/M7-9E
Term Half-Course
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS GGRA01] An introduction to the concepts, methods and practices of regional study in Geography. Theoretical regionalism in Geography, administrative regionalism and literary regionalism; the region as a concept, from "natural regions" to regional science; regional description and analysis. The course includes a field excursion and the preparation of a report on a selected region in eastern Ontario.

Prerequisites: None

Corequisites: None

Instructor: Cave

GGRA09S Introduction to Geography: Spatial Analysis 2L,1T L:W1F12/M7-9E
Term Half-Course
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS GGRA01] 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.

Prerequisites: None

Corequisites: None

Instructor: Hewings

- GGRB01Y** **Geography of Resources** 2L:MR11/W7-9E,2T:W9-11/W3-5/W9E
 Full Course
 Problems of resource use with particular reference to their environmental setting. The course has four main sections: (1) definition and classification of resources, (2) special problems relating to agricultural resources, (3) specific aspects of the use of non-agricultural resources, and finally (4) an examination of the use/misuse and abuse of resources.
Prerequisites: GGRA01 or GGRA02, or GGRA06; GGRA07 or GGRA08; GGRA09
Corequisites: None
Instructor: Tayyeb
- GGRB02Y** **Geographic Methods II: Analytical and Quantitative Methods** 2L:T6-8E,2P:T8-10E
 Full Course
 Identification of geographic problems and the selection of data; tests of simple hypotheses; correlation and regression; regionalization and allocation problems. During the laboratory sessions, instruction in elementary computer programming will be provided although interaction with the computer will be principally through the use of previously written programmes.
Prerequisites: Two A-level courses in Geography
Corequisites: None
Instructor: Hewings
- GGRB03Y** **Climatology** 2L:T3R2/R7-9E,1T:T1/T2/R9E
 Full Course
 The course investigates the main aspects of Physical Climatology and introduces the student to the dynamics of the earth's atmosphere. The second half of the course concentrates on Applied Climatology and deals with topics such as atmospheric pollution and urban climates. The tutorial work includes practical work with simple climatic instruments and enables students to supplement material covered in the lecture schedule.
Prerequisites: GGRA02, or GGRA06; GGRA07
Corequisites: None
Instructor: Sparrow
- GGRB05Y** **Urban Geography** 1L:W10,2T:F2-4
 Full Course
 An introductory course focusing on the characteristics and major problems of Canadian cities. The course is organized in three main sections: urban theory, the development of Canadian cities and urban problems. Topics discussed include urbanization and processes of urban growth; systems of cities; urban form and design; spatial structure of land uses; distinctive socio-economic areas within cities; circulation; transportation and immigration.
Prerequisites: GGRA01, or GGRA08; GGRA09
Corequisites: None
Instructor: Cave

- GGRB06Y** **The Geography of Economic Activities** 2L:TR10/T7-9E,2T:T11-1/W1-3/T9E
 Full Course
 An introduction to the Geography of world economic activities, including an examination of: the geographical variation in the level of economic development, the inter-relationship of consumption, production and exchange, the process of agricultural and industrial production, economic and location theory, transportation, the growth of service industries, and problems of economic development.
Prerequisites: GGRA01, or GGRA08; GGRA09
Corequisites: None
Instructor: Bunce
- GGRB07Y** **Geomorphology** 2L:W2-4,2P:W4-6
 Full Course
 A detailed examination of the processes contributing to the continuing modification of the earth's surface features. The course is centred around the theme 'Morphology and Process' and attempts to evaluate the landscape changes which have taken place during and since the Pleistocene Epoch. The relationships 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. The student will be involved in field trips during the fall term which will supplement lecture and laboratory work. Limited enrolment — 25.
Prerequisites: GGRA07 or GGRA02
Corequisites: None. GGRB03 and GGRB02 are strongly recommended as some background in the scientific approach is necessary.
Instructor: Greenwood
- GGRB08Y** **The Geography of Underdeveloped Areas** 4L:W11-1F9-11
 Full Course
 An examination of the definition, nature, performance and problems of underdeveloped areas. It involves a discussion of underdevelopment as a phenomenon, a condition and a process and their expression as geographically distinct realities. The course involves considerable reading and constant participation by the student through discussions and seminars. A background in Economics would be useful.
Prerequisites: GGRA01, or GGRA08; GGRA09
Corequisites: None. Students are recommended to have completed GGRB02
Instructor: Tayyeb
- [GGRB09Y]** **Special Topics**
 Full Course
 Course not offered in 1972-73.
Instructor: Members of the faculty
- GGRC01Y** **Supervised Research** *ARRANGE WITH INSTRUCTOR
 Full
 Students will be required to complete a dissertation and discuss it with an examining committee. The topic for the research project

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.

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

Corequisites: None

Instructor: Members of the faculty

GGRC02Y Rural Land Use 2L:M11-1

Full
Course

The course sets out to examine the major aspects of rural land use, firstly on the global scale, and secondly in the context of Ontario. The nature of agricultural and rural community systems of various parts of the world will be comparatively studied against both a theoretical and empirical background. At the provincial level rural settlement and land use in Ontario will be discussed, both in terms of historical development and of contemporary problems facing agriculture and rural development. Reading and seminar discussion will form the basis of the course. Limited enrolment - 20.

Prerequisites: GGRB06

Corequisites: None. Students are strongly recommended to have completed GGRB02

Instructor: Bunce

GGRC03S Regional Industrial Analysis and Development 4T:M9-11W9-11

Term
Half-
Course

An examination of 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 enrolment - 20.

Prerequisites: Two B-level courses in Economics or Geography

Corequisites: None

Instructor: Hewings

GGRC04S Urbanization in Ontario 3T:M4-7E

Term
Half-
Course

An advanced discussion course dealing with the effects of urbanization on the southern Ontario landscape under the following headings: the history of urbanization in Southern Ontario; the urban development process; Ontario townscapes; urbanization of the rural landscape. Discussions will focus mainly on case studies of selected topics such as: "project-building" in the city; images of city form; speculation and the urban shadow; conflicts in Niagara; the Ontario lakeshore; ex-urban living; small-towns and central places in Ontario;

idle land and speculation; cottages and recreation. Limited enrolment — 20.

Prerequisites: GGRB05

Corequisites: None

Instructor: Cave

[GGRC05F Theory and Method in Modern Quantitative Geomorphology]

Term
Half-
Course

Course not offered in 1972-73. This advanced course examines theoretical models of landscape evolution in relation to recent experimental and field studies on geomorphological processes. The course will involve seminar and project work rather than lectures, and students will be expected to undertake considerable reading assignments.

Prerequisites: GGRB07

Corequisites: None

Instructor: Greenwood

[GGRC06S Biogeography]

Term
Half-
Course

Course not offered in 1972-73. Selected aspects of plant and animal Geography will be discussed in this course which will involve both lectures and seminars. Fundamental concepts in Biogeography and Ecology will be considered in relation to the specific processes affecting plant and animal distributions.

Prerequisites: GGRA06; GGRA07 or GGRA02; GGRB03; at least 2 other B-level Geography courses

Corequisites: None

Instructor: Sparrow

GGRC07Y Advanced Readings in Selected Fields of Geography

Full
Course

***ARRANGE WITH INSTRUCTOR**

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

Prerequisites: At least 3 B-level Geography courses; permission of instructor

Corequisites: None

Instructor: Members of the faculty

GGRC08F Field Problems in Geography 2L:R12-2

Term
Half-
Course

Professional procedures in the design and execution of field research in Geography. This course is directed to meet the requirements of students expecting to undertake professional work in Geography or related fields. A variety of technical procedures are presented and a number of problems assigned which are orientated to the particular requirements of the participants. Limited enrolment — 20.

Prerequisites: At least 2 B-level Geography courses

Corequisites: None

Instructor: Francis

GGRC09S Canada North of Sixty 2L:R12-2

A seminar in Resource Geography dealing with selected problems in

Term
Half-
Course

arctic resource perception, analysis and evaluation including the analysis of arctic operational systems, biotic systems, terrain systems, and human economic and cultural systems. For specific subjects, a comparative approach may be taken using Soviet, Alaskan, Scandinavian and Danish analogues. Students will assume considerable responsibility for setting specific subject content and direction of the seminar. Limited enrolment — 20.

Prerequisites: At least 2 B-level Geography courses

Corequisites: None

Instructor: Francis

[GGRC10S Location Theory]

Term
Half-
Course

Course not offered in 1972-73. Industrial location theory of individual and sets of activities under various spatial market environments, especially duopoly, oligopoly and imperfect competition. The course will begin with an appraisal of traditional Weberian theory and proceed through the works of Losch and Isard to consider the more recent theories of Greenhut, Moses, Churchill, Scott and others.

Prerequisites: Two B-level courses in Economics or Geography

Corequisites: None

Instructor: Hewings

[GGRC11S Quantitative Methods in Economic Geography]

Term
Half-
Course

Course not offered in 1972-73. 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 could include matrix methods in the study of interindustry structure and population movements; diffusion models, network analysis and markovian models.

Prerequisites: GGRB02 or similar background in Statistics and Methods

Corequisites: None

Instructor: Hewings

GGRC12S Contemporary Issues in the Philosophy of Geography 2T:R4-6

Term
Half-
Course

A seminar course for advanced students providing an opportunity for discussion and review of some of the 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 enrolment — 20.

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

Corequisites: None. Students are recommended to include Geography 320F Philosophy of Geography: History of

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

Prerequisites: GERA01 or GERA11

Corequisites: GERB04

GERB15S 19th Century Prose 3L:M4W12F2

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

Prerequisites: GERA01 or GERA11

Corequisites: GERB04

GERB16F 19th Century Drama and Poetry 3L:M4W12F2

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

Prerequisites: GERA01 or GERA11

Corequisites: GERB04

GERB17Y The German Novel from Goethe to Grass (Texts in English Translation) 2L:W7-9E

Readings, analysis and discussions of major novels by Goethe, Stifter, Keller, Th. Mann, Hesse, Musil, Grass, *et al.* (This course does not count towards fulfilment of specialist requirement at the St. George Campus.)

Prerequisites: None

Corequisites: None

GERC02F Seminars on Special Topics *ARRANGE WITH INSTRUCTOR

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

Prerequisites: GERA01 or GERA11; GERB04

Corequisites: None

GERC03S Seminars on Special Topics *ARRANGE WITH INSTRUCTOR

The same as GERC02.

Prerequisites: GERA01 or GERA11; GERB04

Corequisites: None

GERC04H Stylistics 2T:W11R3

Building on the more general language work done in GERA01 and GERB04, this course will be concerned with the finer points of expository and creative writing and close text analysis.

Prerequisites: GERA01 or GERA11; GERB04

Corequisites: GERB02; GERB03; GERB15; GERB16; GERB12; GERB11

Students should also consult listing under:

HUMB01 Emergence of Modern Prose

HUMB02 Guilt and Conscience in Post-World War II Literature

History

History is a humanistic discipline which contributes to a fuller understanding of the present by the examination of the activities of men and societies in the past. It is also related to the Social Sciences, whose findings depend on precise evaluation of evidence. The 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-HISB09) both provide a complete general foundation in their areas and serve as preparation for more detailed studies. The instructor offers by means of lectures and tutorials the opportunities for informed discussion of major issues with a broad historical field. In advanced courses (HISB10-HISC99) students investigate more defined areas or periods or a specific problem in depth. C-series seminars require the students to make close and thorough studies of primary sources and other available evidence and present their findings in discussions and a major paper. C-series courses are limited in size because of their nature.

Students are strongly advised to enrol in HISA01 early in their academic programmes and to enrol in no more than two C-series courses or their equivalent in any one academic year. Students who wish to follow a programme or to qualify for graduate study in History should consult with members of the faculty as early as possible in order to establish coherence in their studies. They are advised to complete during four years, 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.

HISA01Y The European World: An Introduction to History 2L,1T L:T2R9/T7-9E

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

Prerequisites: None

Corequisites: None

Instructors: Eksteins; Pearl

HISB01Y Britain 1485-1960; from Medieval Kingdom to Welfare State. 2L:W7-9E,1T:W9E

The first term will be devoted to the study of politics, the constitution, religion and society from the early Tudors to the time of the French Revolution. The aim will be to define the processes by which late medieval institutions and society were gradually transformed in the light of changing circumstances. In the second term,

surveying Victorian and Twentieth Century Britain, the course will centre on such topics as the industrial revolution and the problems of industrial society, the emergence of parliamentary democracy, the growth of empire, the rise of the labour movement, and the development of the welfare state.

Prerequisites: None

Corequisites: None

Instructor: Hayes

HISB03Y History of the United States 2L,1T L:T4R1

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

Prerequisites: None

Corequisites: None

Instructors: Sheps; Dick

HISB05F Canadian History to 1867 2L,1T L:T1R4/M7-9E

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

Prerequisites: None

Corequisites: None

Instructor: Moir

HISB06S Canadian History Since Confederation 2L,1T L:T1R4/M7-9E

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

Prerequisites: None

Corequisites: None

Instructor: Robertson

HISB13Y European Urban History 2T:T11-1/R11-1

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

Prerequisites: HISA01

Corequisites: None

Instructor: Pearl

HISB15Y Socialism in Theory & Practice 2L:T5R4

Full Course [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HISC15, PHLB15 OR PHLB52] An interdisciplinary study of the great socialist thinkers: the social and philosophical background to their ideas and how they influenced the working class movements of different countries up to World War I.

Prerequisites: HISA01; a course in Philosophy is recommended

Corequisites: None

Instructors: Graham; Dick

HISB17Y Germany in the 19th and 20th Centuries 1L:W4,1T:T3/T4

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

Prerequisites: HISA01

Corequisites: None

Instructor: Eksteins

[HISB21F Frontier Communities in the British Empire-Commonwealth] Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HISB19]

Term Half-Course A comparative study of the influence of frontiers on the development of new nations. Major issues in the history of Australia, New Zealand and Southern Africa, such as settlement, class structure, race relations, democracy and nationalism, and relations with the metropolitan power, are considered.

Prerequisites: HISB01

Corequisites: None

[HISB22S British Imperialism in Asia and Africa] Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HISB19]

Term Half-Course An examination of imperialism in its impact on the non-European world. Major themes; the motives behind British imperialism, the problems of administration, the transfer of power, neo-colonialism.

Prerequisites: HISB01

Corequisites: None

HISB27Y Europe 400-1100 2L:MR2,1T:T3/T10/R9

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

Prerequisites: None

Corequisites: None

Instructor: Corbett

HISB31Y The South before the Civil War 2L:W1-3,1T:R9/R10/R2

Full Course Social structure and social conflict in the old South, the development of southern culture, the relationship between ideology and institutions. Slavery as a social and economic system, the political economy and practices of the South, and the growth of southern nationalism and separatism from the colonial period of the Confed-

eracy.

Prerequisites: HISB03

Corequisites: None

Instructor: Sheps

HISB35Y American Labour and Reform 2L:F9-11,1T:T11/T12

Full
Course

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

Prerequisites: HISB03

Corequisites: None

Instructor: Dick

HISB41F Old Huronia 2T:T10-12

Term
Half-
Course

The political, social, religious and economic life of the Huron Indians at the time of European contact: the Christian missions to the Hurons; the effects of European contact on Indian life; the collapse of the Jesuit missions and the dispersal of the Hurons. Examination of these and related aspects of Huron history will be based on extensive use of primary source material.

Prerequisites: HISB05

Corequisites: None

Instructor: Moir

HISB42S Church-State Relations in Canada 2T:T10-12

Term
Half-
Course

A study based on primary source material of the connection of church and state in such areas as land endowment, education, legal establishment and social issues.

Prerequisites: HISB05

Corequisites: None

Instructor: Moir

HISB43Y Ontario History, the 19th Century 2L:R7-9E,1T:R9E

Full
Course

There is no exclusive theme — the land, transportation, religion, economics, social issues, political parties, will all enter the picture whenever they reach the level of political interest. Political parties, their origins and objectives, together with the system within which they operate, pioneers and immigrants with their ambitions, forces of international commerce and finance, cultural and religious developments which have had more than a passing influence on the life of the Province are ingredients in the History of the Province of Ontario.

Prerequisites: A previous course in Canadian History

Corequisites: None

Instructor: McKay

HISB45Y Canadian Intellectual History 2T:W4-6

This seminar will focus upon the following themes in Canadian social

Full
Course

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, academics, labour activists, novelists, politicians, farmers' spokesmen, historians, satirists, and royal commissioners.

Prerequisites: HISB05; HISB06

Corequisites: None

Instructor: Robertson

**HISC01F Advanced Reading Programme on Special Topics
*ARRANGE WITH INSTRUCTOR**

Term
Half-
Course

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

Prerequisites: At least one B-level History course; permission of instructor.

Corequisites: None

Instructor: Members of the faculty

**HISC02S Advanced Reading Programme on Special Topics
*ARRANGE WITH INSTRUCTOR**

Term
Half-
Course

The same as HISC01.

Prerequisites: At least one B-level History course; permission of instructor.

Corequisites: None

Instructor: Members of the faculty

HISC11Y Western Europe in the 17th Century 2T:M11-1

Full
Course

This seminar will examine numerous aspects of the civilization of the "Baroque Age". Emphasis in the first term will be on reading and discussion and in the second term on research projects.

Prerequisites: HISA01; one B-level History course.

Corequisites: None

Instructor: Pearl

HISC17Y European Society and Culture between the World Wars 2T:R11-1

Full
Course

An investigation of the impact of war, technological progress, economic distress, and totalitarianism on the social condition and mind of European man, 1914-1945. Limited enrolment — 30.

Prerequisites: HISA01; one other B-level History course. A reading knowledge of one or more foreign languages, although not indispensable, would be very helpful

Corequisites: None

Instructor: Eksteins

- [HISC21Y **Urbanization and Social Change in the 19th Century England**
Course not offered in 1972-73. A study of the new social environment created by the growth of cities in an industrial community. Contemporary material will be used as widely as possible.
Prerequisites: HISB01
Corequisites: None
- [HISC22Y **Religion and English Society, 1750 - 1900**
Course not offered in 1972-73. Major themes of religious history set within a systematic examination of secular society: the relationship between religion and class structure, the social policies of church and sects; the nature of revivalism and popular religion, the growth of unbelief.
Prerequisites: HISB01
Corequisites: None
- HISC33Y **Ideology, Culture and Society in America** 2T:T1-3
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS HISB33] American social and intellectual history to 1860. An investigation of the ideas, institutions and social forces which have shaped the civilization of the United States, including racism, nationalism, immigration, religion, the frontier, urbanization, social discontent, political ideologies and economic organization, and expectations. Concentration on the early nineteenth century, but themes of continuing influence from the colonial and Revolutionary period will also be examined. Limited enrolment - 15.
Prerequisites: HISB03
Corequisites: None
Instructor: Sheps

Humanities

The courses offered under the Humanities rubric are a hodge-podge of courses that do not seem to fit well under any of the more commonly used discipline designations.

- HUMA01Y **Prologue*** *ARRANGE WITH CO-ORDINATORS
 Students will be asked to read twenty books of central importance in Western civilization. This course will have no formal lectures or timetable; 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. Students may find that this course, in addition to providing a good background in Western thought, would serve to unify and

complement several other courses on their programmes which deal with partially overlapping subject matter. Texts: *The Bible* (in part); Homer, *The Odyssey*; Sophocles, *Oedipus Rex*; Plato, *Last Days of Socrates*; Aristotle, *Poetics*; Plutarch, *Lives*; Augustine, *Confessions*; Dante, *Inferno*; Machiavelli, *The Prince*; Erasmus, *In Praise of Folly*; *El Cid*; Rabelais, *Gargantua and Pantagruel*; Bunyan, *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 Nibelungen*.

Prerequisites: None
Corequisites: None
Coordinators: Gooch; Graham

- HUMB01S **Emergence of Modern Prose** 2L:MF3
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LITB01] A study of the "Crisis of Consciousness" and its impact on the subject-object relationship; a comparative analysis of narrative techniques as well as of the transformation of the empirical world in modern European literature. The following authors will be considered: Joyce, Woolf, Proust, Maeterlinck, Jacobsen, Hofmannsthal, Rilke, Musil, Kafka. Reading knowledge of French, German or Russian is recommended.
Prerequisites: None
Corequisites: None
Instructor: Wittmann

- HUMB02F **Guilt and Conscience in Post-World War II Literature** 2L:MF3
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LITB02] Estrangement and search for identity, guilt and conscience in post-World War II Russian and German literatures. An analysis of the literature of indictment including works by Böll, Bochert, Frisch, Grass and Dudintsev, Ehrenburg, Pasternak and Solzhenitsyn. Lectures, discussion groups, oral reports and one minor essay.
Prerequisites: None
Corequisites: None
Instructor: Ponomareff

- HUMB03Y **Experience, Communication and Language** 2L:MW9
 An inquiry into the nature of human experience, and the problems of communicating experience. An inter-disciplinary approach involves the participation of faculty members from areas such as Psychology, Communications, Linguistics, Philosophy, the Arts and Education.
Prerequisites: None
Corequisites: None
Instructor: Amenta

*"what's past is prologue" Shakespeare, *Tempest* II,i.

- [HUMB05F **Fantasy in Narnia and Middle Earth** 2L:T2R9
Course not offered in 1972-73. An examination of the novels of William Morris, Lord Dunsany, George MacDonald, C.S. Lewis, Charles Williams, and J.R.R. Tolkien with a view towards the role of the fantasy novel as a reflection of the modern world and as an escape from it.
Prerequisites: None
Corequisites: None
- HUMB06S **Love and Friendship** 2L:T2R9
 Term
 Half-
 Course
 A study of views held by the Greeks and Romans on the nature of love and friendship, especially those expressed by Plato, *Symposium* (On love) and Aristotle *Nicomachean Ethics*; Cicero *On friendship* and Ovid *The Art of Love*; also a look at famous friends and lovers, both the historical and mythological, as they are described in classical literature.
Prerequisites: None
Corequisites: None
Instructor: Irwin
- HUMB07S **"The Ulysses Factor"** 2L:T2R9
 Term
 Half-
 Course
 The literature of exploration: a study of a recurring motif — the "Odyssey" — in Greek, Latin, Mediaeval, and modern literature, based on the Homeric archetype, Ulysses. (To include reading of J.R.L. Anderson's *The Ulysses Factor*.)
Prerequisites: None
Corequisites: None
Instructor: McDonald
- [HUMB08S **The Age of Augustus**
Course not offered in 1972-73. Rome in transition from Republic to Principate, with reading of the *Aeneid* of Virgil as well as selections from Horace and Ovid. Representative pieces of Roman art and architecture, such as the *Ara Pacis*, will also be studied; and the contemporary consciousness of both literature and art as they expanded in the new directions will be examined.
Prerequisites: None
Corequisites: None
- HUMB09Y **Introduction to Cinema** 3P:T7-10E
2L:W7-9E
 Full
 Course
 The intention of the course is to introduce the student to the vocabulary of film criticism, major aesthetic approaches, general history (silent and sound), and the rudiments of technique. Films will be shown on the average of one each week. Limited enrolment — 40.
Prerequisites: One previous course in Literature or Fine Art
Corequisites: None
Instructor: Oliver

- HUMB10F **Utopia: From More to Huxley** 2L:MW11
 Term
 Half-
 Course
 The study of major schemes for the total improvement of mankind and the solution to radical evils in society. The millenarian tradition, authoritarian and libertarian utopias, anti-utopias, and experiments in communal life. Practical applications and consequences of utopian thought.
Prerequisites: None
Corequisites: None
Instructor: Graham
- HUMB11Y **The Art of Satire** 2L:T8-10E
 Full
 Course
 A selective study of the satiric mode in Greek, Latin and English literature, with attention to the role of the satirist, the social conditions in which satire flourishes, and satirical conventions. Representative works may be drawn from the following: the writings Aristophanes, Juvenal, Petronius, Lucian, Swift, Pope, Dryden, Fielding, Waugh, Leacock, O'Connor, Vonnegut, *et al* and to a lesser extent from non-literary satirical media, including art (Dada), music (Gilbert and Sullivan; Hoffnung), film, television. (Greek and Latin works will be read in translation.)
Prerequisite: One previous course in Literature
Corequisites: None
Instructor: Kay; McDonald
- HUMB12F **Art, Politics & Revolution** 2L:T11R12
 Term
 Half-
 Course
 The influence on the visual arts of the political ferment of the eighteenth to the twentieth centuries. Hogarth and social commentary; the political cartoon. Painting in France and the French Revolution — David, Gros, Gericault. The failure of the Revolution — militant artists confront state patronage. The image of war — Goya and Gros; the First World War. Patriotism — painters of the national heritage. The development of the avant garde in the arts; the artist as Bohemian, from Courbet to the present day. Social problems, the relations of the sexes in *fin de siecle* and Expressionist painting. Art in the service of revolutions: the Russian Revolution and the modern movement — Surrealists and Communism — Mexico and art for the people.
Prerequisites: None
Corequisites: None
Instructor: Moray
- HUMB13Y **Contemporary Cultures in Question** 1L:T10,1T:T11
 Full
 Course
 The primary goal of this course is to enable students to adopt a mature and responsible attitude towards the problems which contemporary man has to face. The first and perhaps the most important step towards this achievement is to bring them in contact with the great minds whose contributions have had a decisive impact on the evolution of Western Culture in the last one hundred years. This is a broadly interdisciplinary course concerned with major theoretic-

cal works and systems of thought marking the various crises and turning points of western civilization in the past century. The readings will be designed to bring the student into contact with the great minds whose contributions had influenced the course of this civilization. The readings will include books by Nietzsche, Freud, Marx, Malraux, Sartre, Beckett, Rogers, Toffler, Fanon and others. The entire class will meet for two hours weekly. Once every other week, during the first hour of that meeting, the four instructors will discuss, in a panel format, the readings for the week. During the second hour the class will break into four seminar groups to discuss the readings and the previous hours panel discussion. On alternate weeks, when there is no panel discussion, the seminar groups will discuss papers to be presented by members of the seminars.

Prerequisites: Any A-level course.

Corequisites: None

Instructors: Clancy; Lee; Mignault; Ross

HUMB15Y 19th Century Poetry: Aestheticism 3L:M5W4W5

Full
Course

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

Prerequisites: Reading knowledge of Spanish or French

Corequisites: None

Instructor: Skyrme

**HUMC01S Lyric Poetry of the Middle Ages in the Mediterranean Area
*ARRANGE WITH INSTRUCTOR**

Term
Half-
Course

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

Prerequisites: A B-level course in either a Romance Literature or English Literature

Corequisites: None

Instructor: Barta

Students should also consult listings under:

- CLAB09 Greek and Roman Comedy
- CLAB21 Greek and Roman Religion
- GERB17 The German Novel from Goethe to Grass
- RUSB11 19th Century Russian Literature
- RUSB12 Russian Drama



Italian

A knowledge of Italian is important, and at times essential, for a clear understanding of western civilization. From the fourteenth century, which produced the three great writers: Dante, Petrarch, and Boccaccio, Italian literature has exercised a considerable influence on other European literatures. In the Renaissance, Italian art, music, and philosophy contributed in an important way to the development of our culture.

Scarborough College offers a wide selection of courses on the Italian language and the important periods of Italian literature 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 ITAA01. Students with Grade 13 Italian or the equivalent, should take ITAB02 which is the prerequisite for literature courses as well as for the more advanced language courses. In both of these courses stress is put on the spoken and written aspects of the language, affording students ample opportunity for practice in the classroom and language laboratory.

Courses given in 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 are a natural complement to 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 go to the College 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.

ITAA01Y **Introductory Italian**
4L:M10W10F11F12/M12W3R11R12/M7-9EW7-9E1P:M2/W2/W9E
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ITA001] Main elements of the Italian grammar. Stress will also be given to oral practice in the classroom and in the laboratory. Short contemporary texts will be studied and translated in the second term.

Prerequisites: None

Corequisites: None

Instructor: Katz

ITAB02F **Intermediate Italian** **3L:M10W10W2**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ITA002] Intensive review of the grammar. Drills, exercises and compositions to develop greater skill in writing and speaking the language.

Prerequisites: ITA001 or ITAA01

Corequisites: None

Instructor: Costa

[ITAB03S **Conversation, Intermediate]**

Term
Half-
Course

Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ITA003] The aim is to enable the student to acquire a good working knowledge of the spoken language. Special attention will be given to idioms and special constructions.

Prerequisites: ITA001 or ITAA01 or Grade 13 Italian

Corequisites: None

ITAB04S **Advanced Composition and Conversation** **3L:M10W1W3**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ITA004] Study and analysis of selected texts, translations and compositions. The aim of the course is to further develop the student's ability to speak, read and write the language and to enable him to approach learned and literary texts with relative ease and confidence.

Term
Half-
Course

Prerequisites: ITA002 or ITAB02

Corequisites: None

Instructor: Costa

[ITAB11Y **Twentieth Century Literature and Culture]**

Full
Course

Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ITAB12] The aftermath of Italian unification. From Decadentism to Existentialism. The problems, issues, ideas reflected in the novel, drama and poetry.

Prerequisites: ITA002 or ITAB02

Corequisites: None

ITAB12H **The Twentieth Century Novel** **2L:MR9**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS ITAB11] A survey of the main themes and trends in the Italian novel of the twentieth century. Some attention will be given to the social, political, and intellectual conditions of the Fascist and post-Fascist era from which most of the works studied, emerged.

Year-
Long
Half-
Course

Prerequisites: ITA002 or ITAB02

Corequisites: None

Instructor: Costa

ITAB21Y **Introduction to Italian Literature** **3L:M3M4R4**

Full
Course

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

Prerequisites: ITA002 or ITAB02

Corequisites: None

Instructor: Costa

ITAB31Y **Dante and Mediaeval Culture** **3L:M4W9F4**

Full
Course

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

Prerequisites: ITA002 or ITAB02

Corequisites: None

Instructor: Franceschetti

[ITAB32S Petrarch and Boccaccio]

Course not offered in 1972-73. The *Canzoniere* and the *Decameron*. The rise of Humanistic thought and culture, the beginnings of the Renaissance.

Term
Half-
Course

Prerequisites: ITA002 or ITAB02

Corequisites: None

[ITAB33S Aspects of Italian Thought in the XV and XVI Centuries]

Course not offered in 1972-73. The origins of Italian Humanism with Petrarch and Boccaccio; its development in the XV Century with Valla, Ficino and Pico; its full flowering in the Renaissance with the political theories of Machiavelli and Guicciardini. A study of Castiglione's figure of *The Courtier*.

Term
Half-
Course

Prerequisites: ITA002 or ITAB02

Corequisites: None

[ITAB34S The Renaissance Epic]

Course not offered in 1972-73. A brief survey of the origins of epic poetry in the Middle Ages will precede the study of the masterpieces of the Renaissance Epic: Pulci's *Morgante*, Boiardo's *Orlando Innamorato*, and Ariosto's *Orlando Furioso*.

Term
Half-
Course

Prerequisites: ITA002 or ITAB02

Corequisites: None

[ITAB36F Lyric Poetry of the Renaissance (from Poliziano to Michelangelo)]

Course not offered in 1972-73. Conception of Love, Nature, Beauty and Life in the fifteenth century poets (Poliziano, Lorenzo de Medici, Boiardo). Petrarchism and Neo-Platonic love in the sixteenth century (Bembo, Stampa and Michelangelo).

Term
Half-
Course

Prerequisites: ITA002 or ITAB02

Corequisites: None

[ITAB40S Reformation and Baroque Literature]

Course not offered in 1972-73. The creation of a new lyric expression in Tasso's *Gerusalemme Liberata* and other poetry. Its development in Marino and the *Marinisti*. Aspects of philosophical, religious, political and historical thought of the period (Bruno, Campanella, Botero and Sarpi).

Term
Half-
Course

Prerequisites: ITA002 or ITAB02

Corequisites: None

[ITAB41S Italian Eighteenth Century Theatre]

Course not offered in 1972-73. The development of dramatic theory in eighteenth century Italy. Reading and analysis of selected plays by Metastasio, Goldoni and Alfieri.

Term
Half-
Course

Prerequisites: ITA002 or ITAB02

Corequisites: None

[ITAB42H Italian Romanticism]

Course not offered in 1972-73. Reading of selected works of Foscolo, Leopardi and Manzoni. The characteristics of Italian Romanticism, its connection with the movement of unification, in the context of European Romanticism.

Year-
Long
Half-
Course

Prerequisites: ITA002 or ITAB02

Corequisites: None

ITAB50F Directed Reading *ARRANGE WITH INSTRUCTOR

ITAB51F These courses are intended for students who wish to pursue specific interests in particular aspects of Italian culture and literature. Students planning to take any of these courses must contact the instructors in the Spring prior to registration for consultation concerning authors or areas of study. Students are required to meet their instructors at least once a week to discuss problems and points of interest arising from their readings and to plan further work. For students involved in the same areas of study, seminars will be held from time to time for discussion of common themes.

ITAB52F

ITAB53F

ITAB54F

Term
Half-
Courses

Prerequisites: ITA002 or ITAB02

Corequisites: ITAB21 or ITAB31

Instructors: Members of the faculty

ITAB55S Directed Reading *ARRANGE WITH INSTRUCTOR

ITAB56S The same as ITAB50 - 54 series.

ITAB57S *Prerequisites:* ITAB02 or ITA002

ITAB58S *Corequisites:* ITAB21 or ITAB31

ITAB59S *Instructors:* Members of the faculty

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, B03, B28, B29, B30, Anthropology B03, B08 and Humanities B15.

Further information about Latin American Area Studies may be obtained from Professor Pedro León, H424, 'phone 284-3186, who will offer advice also on possible combinations of courses in this area.

Linguistics

Linguistics is the study of language for its own sake, as a phenomenon of human behaviour. As the essence of language is speech and the psychological realities underline it, the courses offered arrange themselves within certain easily definable areas: the description of the sounds and forms of language (LINA02, LINA03, LINB01, LINB02 and LINB03), the study of the history of the sounds and forms and language (LINB04), and the study of several aspects of language use: meaning (LINB06), social and cultural use (LINB07), and the psychology of language (LINB05).

LINA02F	General Linguistics I 3L:M11T12R12/T7-8:30E R7-8:30E [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LINA01.] In the introductory course various methods of linguistic analysis will be discussed as well as the sound and form systems which make up language. Among the questions considered will be the processes of producing and comprehending original utterances, first and second language acquisition, and the structures which underly actual utterances. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Woods; Binnick
Term Half- Course	
LINA03S	General Linguistics II 3L:M11T12R12/T7-8:30E R7-8:30E [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS LINA01.] A continuation of LINA02. <i>Prerequisites:</i> LINA02 <i>Corequisites:</i> None <i>Instructors:</i> Woods; Binnick
Term Half- Course	
LINB01F	Bases of Linguistic Theory 2L:TF2 An examination of the principal approaches to linguistic analysis. Several different contemporary theories will be studied. The function of models in Linguistics; the notion of Linguistics as a "science". <i>Prerequisites:</i> LINA01, or LINA02; LINA03 <i>Corequisites:</i> None <i>Instructor:</i> Woods
Term Half- Course	
LINB02S	Phonology 2L:TF2 The sounds of language and their analysis. Theoretical approaches to the sound patterns of various languages. Both synchronic and diachronic views of sound shift and sound change. <i>Prerequisites:</i> LINA01, or LINA02; LINA03 <i>Corequisites:</i> None <i>Instructor:</i> Woods
Term Half- Course	
LINB03F	Syntax 2L:TR11 Contemporary views of larger linguistic units, their analysis and constitution. Immediate constituent analysis and the transformational-generative approach. <i>Prerequisites:</i> LINA01, or LINA02; LINA03 <i>Corequisites:</i> None <i>Instructor:</i> Binnick
Term Half- Course	
LINB04S	Historical and Comparative Linguistics 2L:TR1 Language change and language relationships; linguistic typology; language universals. The Indo-European family and other language families. <i>Prerequisites:</i> LINA01, or LINA02; LINA03
Term Half- Course	

Corequisites: None
Instructor: Grant

LINB05S	Psycholinguistics 2L:MW1 Primary language acquisition; language encoding and decoding; the perception of speech. <i>Prerequisites:</i> LINA01 or LINA02 <i>Corequisites:</i> None <i>Instructor:</i> Salus
Term Half- Course	
LINB06S	Semantics 2L:TR11 The study of grammatical and lexical meaning. The interpretation and derivation of lexical information. The nature of ambiguity. <i>Prerequisites:</i> LINB03 <i>Corequisites:</i> None <i>Instructor:</i> Binnick
Term Half- Course	
LINB07Y	Sociolinguistics 2L:M10W9 The structure and use of language as it relates to social and cultural functions. The application of sociolinguistic research to Canada will comprise approximately half of the year's work. Among the topics considered will be: official and national bilingualism, multilingualism, ethno-national solidarity, language maintenance and language shift. <i>Prerequisites or Corequisites:</i> LINA01, or LINA02; LINA03
Full Course	
LINC01F	Directed Reading *ARRANGE WITH INSTRUCTOR The purpose of these courses is to allow the student maximum flexibility in the choice of areas which interest him and to allow him to read widely, under direction, in those areas. Each student will work in consultation with an instructor. <i>Prerequisites:</i> At least one B-level course in Linguistics; permission of instructor. <i>Corequisites:</i> None <i>Instructor:</i> Members of the faculty
Term Half- Course	
LINC02S	Directed Reading *ARRANGE WITH INSTRUCTOR The same as LINC01. <i>Prerequisites:</i> At least one B-level course in Linguistics; permission of instructor <i>Corequisites:</i> None <i>Instructor:</i> Members of the faculty
Term Half- Course	

Students should also consult listings under:

ANTA01	Introduction to Anthropology
BIOB14	Human Physiology
ENGB01	Old English Language and Literature
FREB25	Introduction to French Linguistics
FREB42	General History of the French Language
FREB43	The French Language in Canada

MATA20	Nature of Mathematics I
PHLB53	Symbolic Logic
PHLC66	Philosophy of Language
PSYB40	Learning
SPAB12	History of the Spanish Language

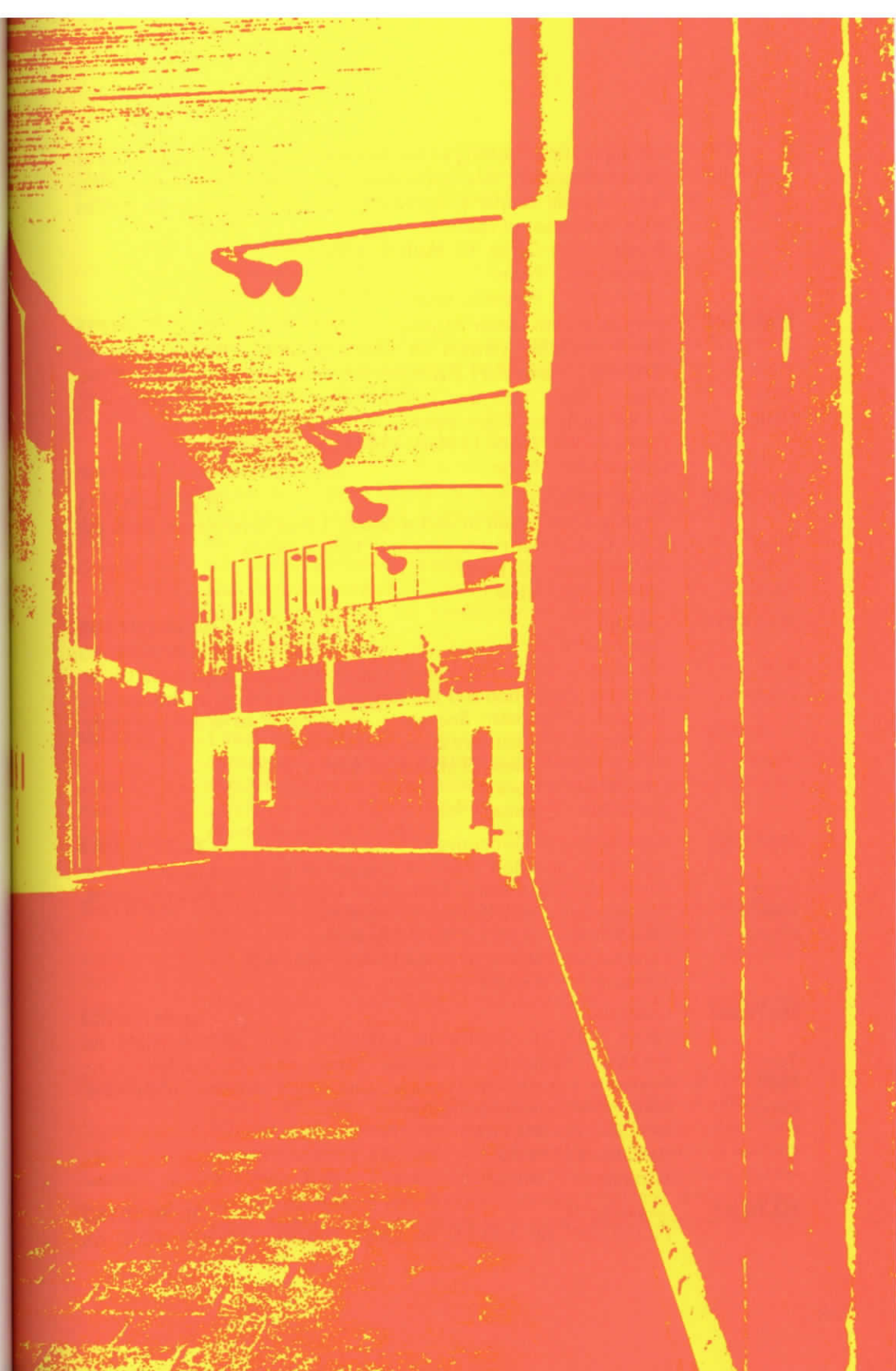
Mathematics

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

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

The Grade 13 prerequisites for appropriate courses are stated as "Grade 13 Math A or Math 1". As the diverse nature of Mathematics courses in Ontario High Schools is appreciated, students who have standing in a Mathematics course taken at the Grade 13 or equivalent level should consult with the Mathematics instructors with regard to their eligibility to enrol in the courses concerned.

MATA20F	Nature of Mathematics I	2L:WR5
Term	[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATA02] Prime numbers. Cardinality. Topics in geometry. Historical approach to famous problems. (The aim is to give an insight into the nature of the discipline.)	
Half-Course	<i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Mendelsohn	
MATA25S	Nature of Mathematics II	2L:WR5
Term	[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATA02] Cartography. Games, lotteries and expectation. Paradoxes. Axiomatisation of mathematical systems.	
Half-Course	<i>Prerequisites:</i> MATA20 <i>Corequisites:</i> None <i>Instructor:</i> Mendelsohn	
MATA26Y	Techniques of Calculus	2L,2T L:M10F12
Full Course	[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATA55 OR MATA01; STUDENTS WHO WISH TO CONTINUE THEIR STUDIES IN ASTRONOMY, MATHEMATICS, PHYSICS, CHEMISTRY (PHYSICAL AND INORGANIC) SHOULD NORMALLY ENROLL IN MATA55] An introduction to the application and techniques of the calculus. Derivatives, their geometric, and phys-	



ical applications, solving of maxima-minima problems, techniques of formal integration, areas and volumes derivatives of vector functions, tangential and normal components, multiple integration as well as other techniques of calculus.

Prerequisites: Grade 13 Math A or Math 1

Corequisites: None

Instructor: Halperin; Keast

MATA40F **Introduction to Linear Algebra** 2L,2T L:M1F11
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATA03] Elementary Geometry R^3 , cross- and dot-products. Complex numbers. Row and column vectors. Matrices. Determinants. Linear equations. Eigenvalues.

Term
Half-
Course

Prerequisites: Grade 13 Math A or Math 1 or 2 or 3

Corequisites: None

MATA45S **Linear Algebra I** 2L,2T L:M1F11
Axiomatic definition of vector spaces. Linear dependence. Basis and dimension. Linear transformations. Inner product.

Term
Half-
Course

Prerequisites: MATA40

Corequisites: None

MATA55Y **Calculus** 2L,2T,1T,E L:M10F12/T7-9E
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATA26 or MATA01] Limits with epsilon-delta arguments. Differentiation, integration and the fundamental theorem of the calculus. Theorem of the mean. Sequences, series. Power series and real analytic functions. Partial derivatives. Applications.

Full
Course

Prerequisites: Grade 13 Math A or Math 1; 2

Corequisites: None

Instructor: Wilker

MATA58S **Introduction to Computing** 2L,2T L:MR2
Algorithms and flow charts. Introduction to stored program computers and programming. Elementary applications in data processing. Non-numerical problems and simulations.

Term
Half-
Course

Prerequisites: Grade 13 Math A or Math 1

Corequisites: MATA26 or MATA40 or MATA55

Instructor: Enright

MATB30F **Geometry I** 3L:M12R1R2
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB05] Isometries in Euclidean plane and space. Similarities. Inversion in a circle. The inversive plane. Circle preserving transformations. Non-Euclidean geometry.

Term
Half-
Course

Prerequisites: MATA45

Corequisites: None

Instructor: Wilker

MATB35S **Geometry II** 3L:M12R1R2
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS

Term
Half-
Course
MATB05] Projective and affine geometry. Finite examples. Free completions. The theorems of Desargues and Pappus. Projectivities, homologies, elations. The fundamental theorem of projective geometry.

Prerequisites: MATB30

Corequisites: None

Instructor: Wilker

MATB40F **Linear Algebra II** 3L:M1M2R11
Dual space, inner product spaces, orthonormal basis, reduction of symmetric matrices, canonical forms, spectral properties.

Term
Half-
Course

Prerequisites: MATA45

Corequisites: None

Instructor: Kupka

MATB41F **Vector Calculus** 3L:M2R3R4
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB04 or MATB50] Differential and integral calculus of scalar and vector functions of a vector variable, with emphasis on E^2 and E^3 . Partial derivatives; gradient, curl and divergence. Line, surface and multiple integrals. Green's theorem and Stokes' theorem. (This course concentrates on computational techniques with a careful statement of results but little emphasis on proofs.)

Term
Half-
Course

Prerequisites: MATA55; MATA45

Corequisites: None

Instructor: Keast

MATB45S **Linear Algebra III** 3L:W3W4R11
Orthogonal, symplectic and hermitian spaces. Isometrics, reflections, Witt's theorem, isotropic subspaces. The orthogonal group, the general linear group. Tensor products, exterior algebra.

Term
Half-
Course

Prerequisites: MATB40

Corequisites: None

Instructor: Ellers

MATB46S **Applied Mathematics and Mechanics** 3L:M2R3R4
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHYB02] Methods of Lagrange and Hamilton, variational principles, rigid body motion, special relativity, Hamilton-Jacobi theory.

Term
Half-
Course

Prerequisites: MATB51; MATB41 or MATB50; PHYA01 or PHYA02

Corequisites: None

Instructor: Halperin

MATB50F **Analysis I** 3L:W11F11F12
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB41] (Not recommended for students with less than B standing in prerequisites.) The theory of differential vector calculus and the topology of E^n . The derivative as a linear approximation. Partial derivatives. Inverse and implicit function theorems. Analytic mappings. Metric, open and closed sets, connectedness and compactness

Term
Half-
Course

in E^n . Critical points, Lagrange multipliers. (Emphasis on proofs and mathematical rigour.)

Prerequisites: MATA55; MATA45

Corequisites: None

Instructor: Leah

MATB51F Differential Equations I 3L:W9W10R10

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB07] First and second order ordinary differential equations, operational methods, variation of parameters, solution in series.

Prerequisites: MATA55; MATA45

Corequisites: MATB50 or MATB41

Instructor: Delver

MATB52F Probability and Statistics I 3L:M3F3F4

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB07 AND SOSA01] Sample space, random variables, univariate and bivariate distributions. Point and interval estimations. Tests of significance, parametric and non-parametric. Selected applications to Psychology, Sociology, industrial problems, medical research, etc.

Prerequisites: MATA55 or MATA26

Corequisites: None

Instructor: Rapoport

MATB53S Numerical Methods 3L:M11M12R9

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

Prerequisites: MATA58

Corequisites: MATA40; MATA55

Instructor: Keast

MATB55S Analysis II 3L:W11F11F12

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB41] The theory of integral vector calculus. Series of functions. Multiple integrals and transformation of variables. Integration of n forms. Exterior calculus in E^2 and E^3 . Line integrals, winding number, Green's theorem. Surface integrals and Stokes' theorem. (Mathematical rigour is emphasized.)

Prerequisites: MATB50

Corequisites: None

Instructor: Leah

MATB56S Differential Equations II 3L:W9W10R10

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB07] Existence and uniqueness theorem for linear differential equations, dimension of the solution space. Variation of parameters and Green's functions. The Laplace transform. The gamma function. Separation and comparison theorems, self adjoint form. Bessel func-

tions. Partial differential equations.

Prerequisites: MATB51

Corequisites: None

Instructor: Delver

MATB57S Probability and Statistics II 3L:M3F3F4

Regression and correlation. Analysis of variance. Further topics in probability theory: distributions of functions of random variables, characteristic functions. Further topics in statistics: sufficiency, efficiency, completeness, likelihood estimates. Selected applications to Psychology, Sociology, industrial problems, medical research.

Prerequisites: MATB52

Corequisites: None

Instructor: Rapoport

MATB58F Problem Solving with Computers 3L:M11M12R9

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

Prerequisites: MATA58

Corequisites: None

Instructor: Enright

MATB68S Programming Languages and Their Applications 3L:W2W3F10

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

Prerequisites: MATB58

Corequisites: None

Instructor: Enright

MATC40F Algebra I 3L:M11R3R4

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB02] The structure of groups, rings and fields. Integers, congruences, factorization. Rational, real and complex fields.

Prerequisites: Any two of the following: MATB30, MATB35, MATB40, MATB45, MATB50, MATB51, MATB55, MATB56

Corequisites: None

Instructor: Mendelsohn

MATC45S Algebra II 3L:M11R3R4

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB02] Euclidean domains, polynomials, factorization and quotient fields, field extensions and finite fields, finite groups, Galois theory.

Prerequisites: MATC40

Corequisites: None

Instructor: Mendelsohn

MATC50F	Real Analysis I	3L:W11F11F12
Term Half- Course	Set theory, sets and functions, power of a set, axiom of choice, systems of sets. Metric spaces, completeness, fixed point theorem. Topological spaces. Linear spaces, Hahn-Banach theorem, normed linear spaces, topological linear spaces. <i>Prerequisites:</i> MATB55 <i>Corequisites:</i> None <i>Instructor:</i> Kupka	
MATC55S	Real Analysis II	3L:W11F11F12
Term Half- Course	Linear functionals, conjugate space, weak topology. Linear operators, compact operators in Hilbert space. Measure and integration (the Stieltjes and Lebesgue integrals). Differentiation. Radon-Nikodym theorem. <i>Prerequisites:</i> MATC50 <i>Corequisites:</i> None <i>Instructor:</i> Kupka	
MATC60F	Complex Analysis I	3L:M2M3F2
Term Half- Course	Complex plane, Riemann sphere, Möbius transformations. Holomorphic functions. Cauchy's integral formula. Taylor and Laurent expansions. Residue calculus. <i>Prerequisites:</i> MATB55 or MATB41 <i>Corequisites:</i> None <i>Instructor:</i> Leah	
MATC65S	Complex Analysis II	3L:M2M3F2
Term Half- Course	Harmonic functions, Dirichlet problem, analytic continuation, normal families and Riemann mapping theorem. <i>Prerequisites:</i> MATC60 <i>Corequisites:</i> None <i>Instructor:</i> Leah	

Natural Science

NSCA01Y	Introduction to Natural Science: The Physical Sciences	2L:M7-9E,1T:M9E
Full Course	This course has two main purposes. It provides a comprehensive introduction to Science for the future teacher, lawyer, economist, government official, politician, artist, theologian, social scientist, anthropologist, etc. It is also intended to provide an interesting view of the Physical Sciences for students who plan careers in the Physical and Life Sciences. The intent of the course is to give some historical perspective, with special effort directed to the identification of the common elements and interrelationships that give pattern to the institutions called science and society. A major theme is that of systems or cybernetics, including the concepts of feedback and of stability. The probabilistic and statistical character of natural phenomena, difficulties attending measurement and understanding of	

natural phenomena, energy transformations and the nature of matter, philosophic and social implications of modern science, and questions of determinancy-indeterminancy constitute other themes.

Prerequisites: None

Corequisites: None

Instructor: King

NSCA02Y	Introduction to Natural Science: The Biological Sciences	2L,1T(every third week)L:M9F11
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Full
Course

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 Cybernetics of Ecosystems. Reading and essay writing will be an integral part of the course, supplemented by lectures and discussion periods.

Prerequisites: None

Corequisites: None

Instructor: Ritchie

NSCA03Y	Quaternary Environments and Man	2L:T3-5 1T:W12/F12
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Full
Course

A multidisciplinary course designed to introduce the study of 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.

Prerequisites: None

Corequisites: None

Instructors: Greenwood; Ritchie; Schroeder

NSCB01S	Behaviour Biology: Seminar in Psychobiology	2L:WF9
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Term
Half-
Course

An interdisciplinary seminar in behaviour at the interface of Psychology, Biology and Physical Anthropology.

Prerequisites: BIOA01 or BIOA02 or BIOA03; PSYA01; at least one of the following: ANTA01, ANTB15, BIOB05, BIOB07, BIOB16, BIOB17, PSYB40, PSYB41, PSYB60, PSYB61, PSYB70.

Corequisites: None

Philosophy

Philosophy consists of a critical analysis of the fundamental ideas and concepts at

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

Students who wish to specialize in Philosophy should complete at least twelve B-level courses in this subject. Those intending to do graduate work in Philosophy are strongly urged to include within their programmes two courses in Logic, at least two courses in the History of Philosophy, and courses in Theory of Knowledge (PHLB54) and Metaphysics (PHLB55). Members of the faculty in Philosophy will be pleased to offer advice and assistance in the planning of such programmes.

PHLA01Y	Introduction to Philosophical Problems	3L:MTF9/M1T1F11/MTR2/TWR10/M7-10E
Full Course	An introduction to the problems and areas of Philosophy: logic, ethics, knowledge, God, mind, and freedom. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Members of the faculty	
PHLA02Y	Introduction to Philosophical Classics	3L:MTW3/R7-10E
Full Course	An introduction to Philosophy through a study of several great works in Western philosophical thought. The reading list will include Plato: <i>The Republic</i> ; Aristotle: <i>Ethics</i> , <i>Poetics</i> or <i>Psychology</i> ; Augustine: <i>The Confessions</i> ; Anselm: <i>Proslogion</i> ; Marx: <i>The Communist Manifesto</i> ; Russell: <i>Our Knowledge of the External World</i> . Readings will also be taken from the words of Leibniz, Berkeley, Hume, Fichte, Nietzsche, Kierkegaard, Mill and others. The course may be taken as an alternative or as a complement to PHLA01. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructors:</i> Gooch; Graham	
PHLB15Y	Socialism in Theory and Practice	2L:T5R4
Full Course	[MAY NOT BE TAKEN IN SAME PROGRAMME AS HISB15, HISC15 AND PHLB52.] An interdisciplinary study of the great socialist thinkers: the social and philosophical background to their ideas and how they influenced the working class movements of different countries up to World War I. <i>Prerequisites:</i> HISA01; a course in Philosophy is recommended. <i>Corequisites:</i> None <i>Instructors:</i> Graham; Dick	
PHLB50F	Anarchism	3L:TWR1
Term Half-	A study of major anarchists and problems of libertarian thought and practice; the impact of anarchism on social, cultural and political institutions; classical and contemporary anarchists such as Proudhon,	

Course	Bakunin, Kropotkin, Tolstoy, Sorel and others. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Graham	
PHLB51S	Ethics	3L:MTF10
Term Half-Course	An introduction to topics in moral Philosophy: relativism, subjectivism, egoism, utilitarianism, and others. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Gooch	
PHLB53F	Symbolic Logic	3L:MWF11
Term Half-Course	An introduction to formal techniques of reasoning: sentential logic, quantification theory, and probability theory. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Sobel	
PHLB54F	Theory of Knowledge	3L:TWR1
Term Half-Course	An introduction to problems concerning knowledge and belief: perception, induction, memory, certainty, and others. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> di Norcia	
PHLB55S	Metaphysics	3L:TWR1
Term Half-Course	A study of such topics as individuals, particulars and universals; persons, mind and body, freedom, transcendence and culture; the relationships between forms of thought such as Myth, Poetry, History, Science and Philosophy. Special consideration will be given to major metaphysical systems such as those of Parmenides, Aristotle, Aquinas and Hegel. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Graham	
PHLB56F	Philosophy of Religion	3L:MTR11
Term Half-Course	A study of such topics as the nature and existence of God, immortality, God and morality, and religious language and symbolism. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructors:</i> Gooch; Mosher	
PHLB56S	Philosophy of Religion	3L:M7-10E
	[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS	

Term Half- Course	PHLB56F.] The same as PHLB56F. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Gooch; Mosher	
PHLB57F	Aesthetics 3L:T7-10E A study of such topics as the nature and functions of art, the creative process, aesthetic experience and aesthetic evaluation. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Hartman	
Term Half- Course	PHLB57S Aesthetics 3L:M4R1R2 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB57F.] The same as PHLB57F. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Hartman	
Term Half- Course	PHLB60S Philosophy in Literature: Images of the Self 3L:W7-10E A philosophical examination of theories of the self and its relations to values in literary works of Camus, Gide, Dostoevsky, Kafka, Hesse and others. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Clancy	
Term Half- Course	PHLB62S Philosophy of Social Science 3L:T4T5R1 The philosophy of the Social Sciences, in contrast with the Natural Sciences. <i>Prerequisites or Corequisites:</i> A course in Anthropology, Economics, Geography, History, Political Science or Sociology	
Term Half- Course	PHLB65F Greek Philosophy: Plato and His Predecessors 3L:M7-10E <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Gooch	
Term Half- Course	PHLB66S Greek Philosophy: Aristotle and Later Greek Philosophy 3L:M1M2T1 <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Mosher	

[PHLB67F	Mediaeval Philosophy] Course not offered in 1972-73. The philosophies of Augustine, Aquinas, Ockham, and others. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Mosher	
PHLB71F	Seventeenth and Eighteenth Century Thought 3L:R7-10E The beginnings of modern discussions regarding persons, nature, and the place of reason and experience in knowledge. We study several of the following: Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume and Kant. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Sobel	
Term Half- Course	[PHLB74S Twentieth Century Philosophy] Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLC53.] Philosophers such as Russell, Moore, Wittgenstein, Dewey, and others. <i>Prerequisites:</i> One course from PHLB53, PHLB54, PHLB65, PHLB66, PHLB67, PHLB71. <i>Corequisites:</i> None	
Term Half- Course	PHLB75F Perspectives in Contemporary Philosophy 3L:M4R3R4 A study of contrasting contemporary philosophies: existentialism, Marxism, logical positivism, and recent analysis. <i>Prerequisites:</i> [A previous term in Philosophy is recommended but not required.] <i>Corequisites:</i> None <i>Instructor:</i> Hartman	
Term Half- Course	[PHLB76S Existentialism and Phenomenology] Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLC54.] Philosophers such as Kierkegaard, Husserl, Jaspers, Heidegger, Sartre, and others. <i>Prerequisites:</i> One B-level course in Philosophy. <i>Corequisites:</i> None	
Term Half- Course	[PHLB77S Marx and Marxism] Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLC55.] The philosophies of Marx, Engels, Lenin, and others. <i>Prerequisites:</i> One B-level course in Philosophy, Sociology, Political Science or Economics. PHLB52 is recommended. <i>Corequisites:</i> None	

- [PHLB78S Contemporary Ethics]**
Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLC60.] Recent discussions of fundamental concepts and issues in ethical theory: Moore, Ross, Hare and others.
Prerequisites: One B-level course in Philosophy. PHLB51 is recommended.
Corequisites: None
- PHLB79F Theories of Mind 3L:M11R10R11**
 An examination of the philosophical presuppositions of psychological theories such as those of Freud, Jung, Behaviourism, Existentialist Psychology; a study of such problems as the relation of mind and body, conscious and unconscious, the meaning of mentalistic concepts and the analysis of dreaming. For a continuing course see PSYC80.
Prerequisites: One B-level course in Philosophy or Psychology.
Corequisites: None
Instructor: Clancy
- [PHLB80S Philosophy of Language]**
Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLC66.] Contemporary theories of meaning, reference, grammar and the nature of language.
Prerequisites: One B-level course in Philosophy. PHLB53, PHLB54, PHLB55 are recommended.
Corequisites: None
Instructor: Graham
- [PHLB81F Perception]**
Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLC67.] A study of theories of perception, the problems they are supposed to solve and arguments used to support them.
Prerequisites: One B-level course in Philosophy or Psychology. PHLB54 is recommended.
Corequisites: None
- [PHLB82S Intermediate Logic]**
Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLC70.] An extension of quantification theory to include identity and definite description, and study of further topics such as the history, nature, and limitations of formal systems.
Prerequisites: PHLB53 or two courses in Mathematics.
Corequisites: None
- PHLB99F Supervised Readings *ARRANGE WITH INSTRUCTOR**
 A planned course of independent study on a special topic to be arranged by mutual agreement between a student and an interested

- Half-Course instructor. Students wish to embark on such a programme must consult with the instructor during the first week of the term to determine the aims and requirements of the course of study.
Prerequisites: Permission of instructor
Corequisites: None
Instructor: Members of the faculty
- PHLB99S Supervised Readings *ARRANGE WITH INSTRUCTOR**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHLB99F] The same as PHLB99F.
Prerequisites: Permission of instructor.
Corequisites: None
Instructor: Members of the faculty

Physics

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

The student of Physics must also study Mathematics because Mathematics is a necessary tool in the study of Physics, but Physics is not just applied Mathematics. Because modern science is based on experiment, laboratory work is essential in connection with Physics courses. Students intending to specialize in Physics should register in the first year in PHYA01, MATA40, MATA45 and MATA55. Programmes for the following two years should be worked out individually in consultation with one of the Physics faculty and the counselling service; normally these would include all the B-level Physics courses listed below, with all explicitly stated and implied† Mathematics pre-and corequisites, plus MATB46.

† The listed pre-and corequisites imply others not explicitly listed; such an explicit listing is available from the counselling service.

- PHYA01Y Elementary Mechanics**
2L:M11F9,2T:T11/T1,3P; (every second week)T9-12/T1-4
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHYA02] In this introductory mechanics course, motions of single particles and collections of particles are studied, 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.
Prerequisites: Grade 13 Physics
Corequisites: MATA55
Instructor: Perz

- PHYA02Y** **Mechanics, Matter and Waves** **2L,1T,3P L:M11F9,3P:(every second week)W9-12/W2-5/F2-5**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHYA01] The motion of a single particle is dealt with extensively from the points of view of both the classical theory of Newton and the special theory of relativity of Einstein; then the treatment is extended to systems of several particles, such as molecules. Following this, systems involving large numbers of particles are studied using elementary kinetic theory and statistical mechanics. Quantum ideas are introduced. In conclusion, the microscopic world is examined in terms of the particle nature of matter. A laboratory accompanies the lecture course. This course is recommended for students not intending to pursue major studies in Physics.
Prerequisites: None
Corequisites: MATA26 or MATA55
Instructor: Perz
- PHYB01Y** **Electricity and Magnetism** **2L:T4F2,1T:M9**
The basic properties of the electromagnetic interaction both in vacuum and in matter are investigated. Maxwell's equations are developed and the properties of electromagnetic radiation are discussed. A main feature of the course is the illustration of the basic and wide ranging importance of electromagnetic effects through a discussion of numerous examples from Atomic and Nuclear Physics, Solid State Physics, Astrophysics and Biophysics. This course is essential to a Physics Specialist Programme.
Prerequisites: PHYA01 or PHYA02
Corequisites: MATB41 or MATB50
Instructor: King
- [PHYB03Y** **Electronics]**
Course not offered in 1972-73. The physical principles of electronic devices such as vacuum tubes and semiconductor diodes and transistors are studied. Circuits incorporating these devices are described, and methods of circuit analysis are developed. (Lectures and laboratory.)
Prerequisites: PHYA01 or PHYA02
Corequisites: None
- PHYB04S** **Waves** **2L:T4F1,1T:F10**
A course treating a wide variety of physical phenomena described in terms of waves. The topics discussed include wave equations, superposition of waves, emission and absorption of waves, impedance, polarization, and interference and diffraction. This course is essential to a Physics Specialist Programme.
Prerequisites: PHYA01 or PHYA02
Corequisites: MATB56
Instructor: Walker

- PHYB05F** **Thermal Physics** **2L:T4F1,1T:F10**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PHYB12] The interpretation of the properties of solids, liquids, and gases in terms of their elemental constituents, namely atoms and molecules. Thus, it serves as an introduction to the subjects of statistical mechanics, the kinetic theory of gases, thermodynamics and the concept of entropy. This course is essential to a Physics Specialist Programme.
Prerequisites: PHYA01 or PHYA02
Corequisites: MATB41 or MATB50
Instructor: Walker
- PHYB11Y** **Quantum Physics** **2L:MF12**
Introduction to the basic ideas of quantum mechanics and to its applications in modern Physics. This course is essential to a Physics Specialist Programme.
Prerequisites: PHYB01
Corequisites: MATB40
Instructor: O'Donnell
- PHYB13Y** **Electromagnetic Fields and Waves** **2L: T12F2**
A discussion of Maxwell's equations for free space and in condensed matter. Static and time-dependent electromagnetic phenomena in insulators, metals and plasmas. Reflection and refraction of electromagnetic waves at a plane interface. Elementary wave guides. Radiation from moving charges and from a dipole. Non-linear optics and lasers. A core course.
Prerequisites: PHYB01
Corequisites: PHYB04
Instructor: Griffin
- PHYB15H** **Modern Physics Laboratory** **7P:(every third week)M10-5**
An advanced laboratory course to accompany PHYB11. This course is essential to a Physics Specialist Programme.
Prerequisites: PHYB01
Corequisites: PHYB11; MATB40

Students should also consult listing under:

- MATB46** **Applied Mathematics and Mechanics**
NSCA01 **Introduction to Natural Science: The Physical Sciences**

Political Science

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 wiser "to start

with ordinary usage, and to explore its implications, rather than to begin or end with a formal definition".

The academic study of politics ranges from philosophical 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 who wish to concentrate in Political Science would normally include:— (a) at least one A-level course; (b) at least two courses in Political Theory, including POLB03 and POLB06; (c) at least one course from four of the following five fields — International Relations, Canadian Government and Public Administration, Comparative Government (Developing Countries), Comparative Government (Developed Countries), Political Behaviour and Quantitative Methods. Because the Political Science curriculum at the College is as yet limited in certain fields, it may be necessary for students in senior years to take one or more courses on the St. George Campus. However, many related courses are also available at Scarborough College in other disciplines, notably History, Economics, Sociology and Philosophy, and some students may choose an inter-disciplinary programme of concentration. All students who wish to pursue a programme of studies involving concentration in Political Science are strongly advised to consult with members of the faculty.

POLA01Y	Canadian Government and Politics	2L,1T L:M12T11
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. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Esbrey	
POLA02Y	Introduction to Politics	2L,1T L:T2R1
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 reference to various political systems, past and present. Particular emphasis will be laid upon the Canadian political experience. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Blair	

[POLA03Y]	Comparative Government	
Full Course	Course not offered in 1972-73. <i>Prerequisites:</i> None <i>Corequisites:</i> None	
[POLB02F]	Canadian Political Parties	
Term Half-Course	Course not offered in 1972-73. A one-term course consisting of weekly lectures and seminars. Both national and provincial parties and party systems will be examined. <i>Prerequisites:</i> POLA01 <i>Corequisites:</i> None <i>Instructor:</i> Blair	
POLB03Y	Modern Political Thought	2L:W1-3,1T:T4/T5
Full Course	A study of political theorists of the 18th, 19th and 20th centuries, including Rousseau, Tocqueville, Mill, and Marx. <i>Prerequisites:</i> A course in Political Science <i>Corequisites:</i> None <i>Instructor:</i> Solomon	
[POLB06Y]	Political Thought from Plato to Locke	
Full Course	Course not offered in 1972-73. This course will include a discussion of the political thought of Plato, Aristotle, Augustine, Aquinas, Machiavelli, Hobbes and Locke. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Andrew	
POLB10Y	International Relations	2L:T3-5/T7-9E,1T:W3/F2/T9E
Full Course	This course deals with the nature of the international system, the factors that motivate foreign policies, and the institutions for the conduct of international relations. The purpose of the course is to help the student develop intellectual tools with which to analyse politics at the international level. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Rubinoff	
POLB12Y	Politics and Society in Independent Africa	2L:M3-5,1T:W4/W5
Full Course	This course will analyse the politics of Africa in historical and comparative perspectives. The topics to be covered include: colonialism and African reactions to it; the persistence of traditional institutions and practices; tribe and class as sources of cleavage in society; the nature of parties and single-party rule; the role of the military; neo-colonialism; and strategies of development. <i>Prerequisites:</i> None <i>Corequisites:</i> None <i>Instructor:</i> Sandbrook	
[POLB14Y]	Topics in Federalism	
	Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME	

- Full Course DEGREE PROGRAMME AS POLC01.] This course will take the form of a weekly lecture and seminar. Particular attention will be paid to the federal systems of the U.S.A., Australia and Canada.
Prerequisites: A course in Political Science
Corequisites: None
Instructor: Blair
- POLB17Y The Chinese Political System 2L:TR12/W7-9E**
An analysis of Chinese political institutions, behaviour and thought, with primary emphasis on the contemporary political system since 1949.
Prerequisites: None
Corequisites: None
Instructor: Falkenheim
- POLB18Y Comparative Politics of Western Europe 2L:M1R2**
An examination of the development of modern political systems through comparative study of France, Germany, and Great Britain. 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; (4) the relationship between domestic structure and foreign policy.
Prerequisites: None
Corequisites: None
Instructor: Friesen
- POLB20F Provincial Government and Politics 2L: T11-1**
A comparative political analysis of institutions and processes in the Canadian provinces. The topics to be studied include: party systems; patterns of electoral competition; voting behaviour; representation; interest groups; the executive process; legislatures; oppositions. Limited enrolment — 20.
Prerequisites: POLA01
Corequisites: None
Instructor: Blair
- POLB21S Workshop in Canadian Politics 2L: T11-1**
The object of this workshop is to examine a specific aspect of contemporary Canadian politics and it is expected that students will engage, either individually or severally, in some form of original research. The subject to be studied is the executive process in the Canadian and Ontario governments, including an examination of the cabinet system and the office of Prime Minister, policy-making and advisory structures, and executive-legislative relations. Limited enrolment — 20.
Prerequisites: POLA01
Corequisites: None
Instructor: Blair

- POLB22Y The Conservative Party and the Canadian Party System 2L:T4-6**
An examination of the Conservative party's place in Canadian party politics from the end of the first World War until the present. Particular attention will be paid to leadership, policy, organization, the House of Commons, elections and voting behaviour. E.A. Goodman has held many offices in the Conservative party, including that of National Organizer during the 1960's. Limited enrolment — 20.
Prerequisites: POLA01
Corequisites: None
Instructors: Goodman; Blair
- POLB23Y Politics and Society of the U.S.S.R. 2L:R7-9E**
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SOSB01]. An analysis of the Soviet political system. It will include lectures and discussions on: social and historical background of Soviet society, relationship of party to society, political elites, institutional structures, Marxist ideology and nationalism, decision-making, socialization and communication. Some attention will be given to various forms of dissent as well as to sources of stability within the U.S.S.R.
Prerequisites: None
Corequisites: None
Instructor: Dreifelds
- POLB24Y Psychology and Politics 2L:T7-9E**
An introduction to the psychological dimension of political behaviour with a focus upon the individual in his political role. Consideration will be given to the various approaches currently being used to relate psychological theories to political analysis.
Prerequisites: None
Corequisites: None
Instructor: Esberey
- POLC02S Modern Democratic Theory 2L:T1-3**
A consideration of 20th century democratic theory from the viewpoint of its contribution both to the normative idea of democracy and to empirical propositions about democracy. Limited enrolment — 20.
Prerequisites: One B-level course in Political Science
Corequisites: None
Instructor: Solomon
- [POLC03F Marxism-Leninism]**
Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS POLB11]. Readings from the major texts of Marx and Lenin and a discussion of the principal issues in Marxian theory and practice. Limited enrolment — 20.
Prerequisites: POLB03 or POLB06
Corequisites: None
Instructor: Andrew

2L:W2-4

Prerequisite: A related B-level course in a Social Science

Instructor: Sandbrook

2L:R12-2

This seminar will examine the role in international affairs of those states which have achieved independence since World War II. Among the subjects covered will be neutralism, colonialism, nationalism, leadership, and regionalism. Limited enrolment - 20.

Prerequisites: One B-level course in Political Science

Corequisites: None

Instructor: Rubinoff

2L: R4-6

An examination of the role of selected ruling (e.g. China, North Korea, North Vietnam) and non-ruling (e.g. Indonesia, South Vietnam, India) parties in Asia. The focus of the seminar will be on the relationships between modernization, revolution, and nation-building. Limited enrolment – 20.

Prerequisites: One B-level course in Political Science

Corequisites: None

Instructor: Falkenheim

*ARRANGE WITH INSTRUCTOR

Prerequisites: One B-level course in Political Science; permission of instructor.

Corequisites: None

Instructor: Members of the faculty

Students should also consult listing under:

SOSA01 Quantitative Methods in Social Science

Psychology is that branch of science which seeks to understand the behavior of organisms. Why humans and infra-humans act 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 influences their behavior. The course offerings in Psychology consider how psychol-

ogists pursue inquiries in these areas and what knowledge they have gained.

All students interested in following a coherent programme in Psychology and those wishing to prepare for graduate study in the discipline are advised to consult with a member of the faculty in Psychology. Students should note that PSYA01 is a prerequisite for all further courses in Psychology. In addition PSYB07 and PSYB09 are recommended (but, unless specified, not required) as background preparation for all laboratory courses and all C-level courses in Psychology.

PSYA01Y Introduction to Psychology

2L:TR12,2P:M9-11/M11-1/M2-4/W9-11/W11-1or3L:T9W10R9/M9T11R10/W7-10E

Full
Course

A consideration of the basic principles and methods of contemporary Psychology, emphasising their contributions to an understanding of how organisms, both human and infrahuman, perceive their environments, how their behavior is modified by experience, and how their activities are instigated, sustained, and directed. Interested students should note that PSYB09 may be taken concurrently with the Spring Term of PSYA01.

Prerequisites: None

Corequisites: None

Instructor: Members of the faculty

PSYB07F Data Analysis in Psychology

3L:T1W9R2/T7-10E

Term
Half-
Course

[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS MATB52 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.

Prerequisites: None

Corequisites: None

Instructors: Efran; Forrin

PSYB08S Experimental Design in Psychology

3L:T1W9R2

Term
Half-
Course

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.

Prerequisites: PSYB07 or MATB52 or SOSA01

Corequisites: None

Instructor: Forrin

PSYB09F General Experimental Psychology

2L:MW10,3P:T10-1/F10-1

Term

The experimental techniques of Psychology as applied to problems in learning, motivation and perception in infrahuman and human

Half-Course 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 and advanced courses. Prior or concurrent enrolment in PSYB07 is recommended.

Prerequisites: PSYA01

Corequisites: None

Instructor: Biederman

PSYB09S General Experimental Psychology 2L:M7-9E,3P:T7-10E
Term [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
Half- PSYB09F] The same as PSYB09F.
Course

Prerequisite or Corequisite: PSYA01

Instructor: Biederman

PSYB10F Introduction to Social Psychology 2L:W7-9E,1T:T4/F1/W9E
Term [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
Half- PSYB01] Social Psychology focuses on the problem of how human
Course behavior is influenced by others. Amongst 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?

Prerequisites: PSYA01

Corequisites: None

Instructors: Ross

PSYB10S Introduction to Social Psychology 2L:MW10,1T:M3/T9/R3/F1
Term [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
Half- PSYB01 and PSYB10F] The same as PSYB10F.
Course

Prerequisites: PSYA01

Corequisites: None

Instructor: Dion

PSYB11F Social Psychology Laboratory 2L:T1W3,3P:T2-5
Term This course will consider in depth the research methods used to
Half- gather the data discussed in PSYB10 and PSYB12. All students will
Course 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.

Prerequisites: PSYB07; PSYB10; PSYB12

Corequisites: None

Instructor: Ross

PSYB12S Social Interaction 3L:W7-10E
Term [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
Half- PSYC12.] One setting in which human behavior is influenced by
Course others is the social group. The study of human groups and the 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

Corequisites: None

Instructor: Ross

PSYB20F Developmental Psychology 2L,1T L:MW10/M7-9E
Term [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
Half- PSYB02.] A survey of basic theory and research concerning social
Course and cognitive development. Stress will be placed on the development of the infant and young child. Examples of topics to be covered are: prenatal factors in development, visual attention and early exploratory behavior, social attachment, intelligence, child-rearing practices.

Prerequisites: PSYA01

Corequisites: None

Instructor: Dion

PSYB30F Personality 3L:R7-10E

Term [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
Half- PSYB03.] How psychologists study the individual and his behavior.
Course 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 non-verbal behavior are some of the topics which may be included in any given year.

Prerequisites: PSYA01

Corequisites: None

Instructors: Kukla

PSYB30S Personality 3L:MWR1
Term [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
Half- PSYB03 AND PSYB30F]
Course

Prerequisites: PSYA01

Corequisites: None

Instructor: Efran

PSYB32F Abnormal Psychology 3L:MWR1

Term A critical examination of psychoanalytic, S-R, cognitive-inter-
Half- personal, biological and phenomenological views concerning the
Course cause and treatment of abnormal behaviour. The conceptual problem of defining abnormality and categorizing its varieties will be emphasized.

	<i>Prerequisites:</i> PSYA01; one B-level course in Psychology <i>Corequisites:</i> None	
PSYB32S	Abnormal Psychology 3L:R7-10E [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB32F] The same as PSYB32F	
Term	<i>Prerequisites:</i> PSYA01Y; one B-level course in Psychology	
Half-	<i>Corequisites:</i> None	
Course	<i>Instructor:</i> Kukla	
PSYB40F	Learning 2L:M2W5,3P:R10-1 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB04.] 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.	
Term	<i>Prerequisites:</i> PSYA01; PSYB07 and PSYB09 are recommended but not required.	
Half-	<i>Corequisites:</i> None	
Course	<i>Instructor:</i> Biederman	
PSYB41S	Operant Conditioning 2L:M2W5,3P:R10-1 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB04.] 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.	
Term	<i>Prerequisites:</i> PSYA01; PSYB07, PSYB09, PSYB40 are recommended but not required	
Half-	<i>Corequisites:</i> None	
Course	<i>Instructor:</i> Biederman	
PSYB50F	Sensation 2L:M12T11,3P:W2-5 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB05.] Review of basic theories of sensation with selected laboratory exercises.	
Term	<i>Prerequisites:</i> PSYA01; PSYB07, PSYB09 are recommended but not required	
Half-	<i>Corequisites:</i> None	
Course	<i>Instructor:</i> Kennedy	
PSYB51S	Perception 2L:M12T11,3P:W2-5 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB05.] Review of models and basic research in perception with	
Term		

Half-	related laboratory exercises.	
Course	<i>Prerequisites:</i> PSYA01; PSYB07, PSYB09, PSYB50 are recommended but not required.	
	<i>Corequisites:</i> None	
	<i>Instructor:</i> Kennedy	
PSYB56F	Man and Machines 3L:MTR3 Man lives increasingly in a world of artifacts in which he shares his environment 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 optimise their interaction so that machines can be matched to human performance characteristics and be designed so as to make them more easily and humanly useable 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 beginnings of artificial intelligence. In addition to being of practical importance, artificial intelligence raises important philosophical questions about man's nature. This course will introduce students and colleagues, through lectures and readings, to recent studies in the area with particular attention to: ergonomics, the fitting of machines to man; noise, its measurement and effects; adaptive machines; prosthetics; machines as a model of man; and the philosophy of cybernetics.	
Term	<i>Prerequisites:</i> PSYA01	
Half-	<i>Corequisites:</i> None	
Course	<i>Instructor:</i> Moray	
PSYB60F	Physiological Psychology 2L:M10T2,2P:R3-5 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYB06.] Introduction to Physiological Psychology. This course is intended to provide the basic foundations for the study of Physiological Psychology. Material covered includes neurophysiology, neuroanatomy and neurophysiology of sensory systems.	
Term	<i>Prerequisites:</i> PSYA01; PSYB07, PSYB09 are recommended but not required.	
Half-	<i>Corequisites:</i> None	
Course	<i>Instructor:</i> Milgram	
PSYB61S	Physiological Mechanisms of Motivation and Learning 2L:M10T2,2P:R3-5 The course is divided into two parts. Part one covers physiological control over so-called motivated behaviors; including topics such as feeding and drinking, thermoregulation, sleep, sexual behavior, arousal and language. Part two cover the physiological basis of learning.	
Term	<i>Prerequisites:</i> PSYB60	
Half-	<i>Corequisites:</i> None	
Course	<i>Instructor:</i> Milgram	

- PSYC22F Socialization Processes 2L:T1W12,1T:R1/R2**
Covers the processes by which an individual becomes a member of a particular social system (or systems). The course is divided into three sections: general theoretical perspectives and related research; development of specific social behaviors (e.g., aggression, altruism); re-socialization, the modification of deviant behavior using various techniques. Material will be drawn from both Social and Developmental Psychology. Limited enrolment — 25.
Prerequisites: PSYB10; PSYB20
Corequisites: None
Instructor: Dion
- PSYC32S Current Topics in Personality 2L:W10-12**
Review of current research in special areas. Limited enrolment — 60
Prerequisites: PSYB03 or PSYB30; one additional B-level course in Psychology
Corequisites: None
- PSYC33F Personality and Social Interaction 3L:M1T4R12**
An intensive examination of related areas of research in personality and social interaction. In 1972-73 this course will deal primarily with the area of nonverbal behavior and its relation to social interaction. Among the topics to be considered are non-verbal communication, human territorial behavior, and interpersonal attraction. Limited enrolment — 25.
Prerequisites: PSYB03 or PSYB30; one B-level course in Psychology
Corequisites: None
Instructor: Efran
- [PSYC40S Current Topics in Animal Learning]**
Course not offered in 1972-73. A review of recent developments in animal learning with emphasis on discrimination learning and avoidance conditioning.
Prerequisites: PSYB40 or PSYB41
Corequisites: None
- [PSYC50S Attention and Performance Theory]**
Offered in alternate years; not offered in 1972-73. Recently there has been a renewed emphasis on attention in Psychology, since it has come to be realized that a study of the topic is central to an understanding of the limits on the rate at which humans process information. In this course both qualitative and quantitative approaches will be discussed. A course in Statistical Methods, Mathematics or Physics is recommended to ensure numerical competence.
Prerequisites: PSYA01; one B-level course in Psychology
Corequisites: None
Instructor: Moray
- PSYC56S Man and Machines Seminar 2L:T3-5,2P:R3-5**
Offered in Alternate Years; offered in 1972-73. An introduction to

- research methods in human factors Psychology. Students will carry out experimental projects on which their assessment will be based. Possible topics for projects will be the rational design of instrument panels, adaptive training devices to optimise human learning, programming a computer to show simple learning or problem-solving, the role of the human operator in a control system, simulation of vehicle control. Some projects will necessitate learning to program a small on-line computer. In addition, all students will be expected to study readings in the philosophical and social problems of man and his relation to machines. Limited enrolment — 30.
Prerequisites: PSYB56
Corequisites: None
Instructor: Moray
- PSYC80S Foundations of Psychology 3L:M11R10R11**
Offered in alternate years; offered in 1972-73. An analysis of selected philosophical issues as they concern the discipline of Psychology and of Psychology's relevance to the problems of Philosophy. Discussed will be such topics as: behaviorism and phenomenology; the mind-body problem; free will and determinism; distinctions, if any, between Psychology and traditional scientific disciplines. Limited enrolment — 20.
Prerequisites: One B-level course in Psychology (PSYB30 recommended); one B-level course in Philosophy (PHLB79 recommended)
Corequisites: None
Instructor: Kukla
- PSYC90F Supervised Readings in Psychology**
PSYC91F *ARRANGE WITH INSTRUCTOR
An independent study course designed to permit intensive examination of the literature on a selected topic. Supervision of the programme of reading is arranged by mutual agreement between the student and an interested instructor.
Prerequisites: Three courses in Psychology; permission of instructor
Corequisites: None
Instructor: Members of the faculty.
- PSYC90S Supervised Readings in Psychology**
PSYC91S *ARRANGE WITH INSTRUCTOR
[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYC90F AND PSYC91F] An independent study course designed to permit intensive examination of the literature on a selected topic. Supervision of the programme of reading is arranged by mutual agreement between the student and an interested instructor.
Prerequisites: Three courses in Psychology; permission of instructor
Corequisites: None
Instructor: Members of the faculty

PSYC92F PSYC93F **Supervised Research in Psychology** ***ARRANGE WITH INSTRUCTOR**

Term Half-Courses An independent study course designed to permit the exploration in the laboratory or in the field of a selected problem in Psychology. Supervision of the programme of research is arranged by mutual agreement between the student and an interested instructor.

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

Corequisites: None

Instructor: Members of the faculty

PSYC92S PSYC93S **Supervised Research in Psychology** ***ARRANGE WITH INSTRUCTOR**

Term Half-Courses [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS PSYC92F AND PSYC93F] An independent study course designed to permit the exploration in the laboratory or in the field of a selected problem in Psychology. Supervision of the programme of research is arranged by mutual agreement between the student and an interested instructor.

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

Corequisites: None

Instructor: Members of the faculty

PSYC98Y **Thesis in Psychology** ***ARRANGE WITH CO-ORDINATOR**

Full Course The course is intended to offer to qualified students the opportunity to engage in a year-long research project under the supervision of an interested member of the faculty in Psychology. The project will culminate in a written report in the form of a thesis and a defense of that report. During the course of the year, at appropriate times, students will meet to present their own research proposals, to appraise the proposals of others and to discuss the results of their investigations.

Prerequisites: Satisfactory completion of 15 year-course equivalents including PSYB07, one laboratory course in Psychology; consent of a faculty member in Psychology to serve as research supervisor; PSYB08 is recommended as a pre- or corequisite but not required

Corequisites: None

Co-ordinator: Moray

Students should also consult listing under:

HUMB13 Contemporary Cultures in Question

LINB05 Psycholinguistics

NSCB01 Behaviour Biology: Seminar in Psychobiology

Religious Studies

Religious Studies is an interdisciplinary area which, at present, consists of the

following courses:

ANTB02 Anthropology of Religion

ANTC02 Systems of Thought

CLAB21 Greek and Roman Religion

CLAB23 Christianity in the Greco-Roman World

HISB27 Europe 400-1100

HISB42 Church-State relations in Canada

HISC22 Religion and English Society

HUMB10 Utopia

PHLB56 Philosophy of Religion

It is expected that several non-credit seminars in religion will be offered during 1972-73, open to all students, but of special interest to students enrolled in these courses.

Russian

Scarborough College offers a three year programme in Russian language and literature for specialists and non-specialists. Specialist students are either those who have taken Russian in secondary school and wish to continue their Russian studies or they may be those who want to begin specialization in the Russian field at the university level. Language training combines a laboratory method with classroom instruction and conversation. On completing five core subjects (RUSA10, RUSA11, RUSB10, RUSB11 and RUSB21) specialist students can proceed to the fourth year of Russian language and literature in the Department of Slavic Languages and Literature on the St. George Campus. Russian specialists might be advised to take additional Russian courses in excess of the required core subjects during their first three years of study. At the end of their fourth year they may apply to do graduate work within the Slavic Department or in conjunction with the Centre for Russian and East European Studies on the main campus.

Students who wish to study Russian literature and culture without specialization can do so by taking courses in translation. There are also a wide variety of courses relevant to the study of Russian culture offered at the College in Anthropology, Economics, English, History, Humanities, Philosophy, Political Science and Sociology.

RUSA01Y **Introduction to Russian Culture and Literature** **2L:T1-3**

Full Course Russian thought, society and literature; intellectual and social evolution as reflected in Russia's artistic creations: eighteenth century to present.

Prerequisites: None

Corequisites: None

Instructor: Ponomareff

RUSA10Y **Elementary Russian** **3L:MWF1,1P:F10**

Full Course [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS RUS001.] A course which takes the student from the fundamentals of Russian grammar to conversation, composition and independent reading.

Prerequisites: None
Corequisites: None
Instructor: Whalen

RUSA11Y Intermediate Russian 3L:MWF3,1P:M4
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS RUS002.] A systematic study of structure and grammar. Reading and discussion based on literary materials and current publications in Russian.

Prerequisites: RUS001 or RUSA10
Corequisites: None
Instructor: Whalen

RUSB10Y Advanced Russian 3L:T3T4R4
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS RUS003.] Continued study of morphology and syntax: composition, translation and functional stylistics.
Prerequisites: RUS002 or RUSA11
Corequisites: None

RUSB11Y 19th Century Russian Literature 2L:F2-4
 Analysis and discussion of novels and short stories by Pushkin, Gogol, Turgenev, Goncharov, Dostoevsky, Tolstoy, Chekov and others. Exploration of literary forms and critical approaches. Emphasis on the novel and its structural and thematic development. Specialists will be required to do readings in the original.
Prerequisites: For specialists RUS001 or RUSA10, for non-specialists none
Corequisites: For specialists RUS002 or RUSA11 or RUS003 or RUSB10, for non-specialists none
Instructor: MacRae

RUSB12Y Russian Drama 2L:TR11
 A historical and comparative survey of Russian drama in translation from the earliest representations to the present day. The lectures and seminars will analyze the literary and dramatic qualities of works by major Russian and Soviet authors (Pushkin, Gogol, Chekov, Mayakovsky, Solzhenitsyn and others). Related dramatic forms (opera, ballet, vaudeville, puppet theatre and cinema) will also be considered. Specialists will be required to do readings in the original.
Prerequisites: For specialists RUS001 or RUSA10, for non-specialists none
Corequisites: For specialists RUS002 or RUSA11 or RUS003, or RUSB10, for non-specialists none
Instructor: Schonberg

RUSB21Y 20th Century Russian Literature 2L:TR10
 A survey of pre- and post-revolutionary Russian literature. Stress on literary analysis, continuity and influence. Exploring problems of creative process and freedom, artistic dilemma and achievement

under political pressure. Lectures, discussion groups, oral reports and one essay. Specialists will be required to do readings in the original.
Prerequisites: For specialists RUS001 or RUSA10; for non-specialists none.

Corequisites: For specialists RUS002 or RUSA11 or RUS003 or RUSB10; for non-specialists none.

Instructor: Ponomareff

RUSB23S Soviet-Russian Underground Literature 2L:MW11
 A study of literary revolution, the nature of its divergence and the implicit profile of official Soviet mentality that the dilemma suggests. Specialists will be required to do reading in the original.
Prerequisites: For specialists RUS001 or RUSA10; for non-specialists none.

Corequisites: For specialists RUS002 or RUSA11 or RUS003 or RUSB10; for non-specialists none.

Instructor: Ponomareff

[RUSC01Y 20th Century Russian Poetry]
 Course not offered in 1972-73. Study Russian poetry including pre-revolutionary, Soviet and emigré poets: Blok, Gumilev, Mayakovsky, Esenin, Pasternak, Tsvetaeva, Voznesensky, Evtushenko, G. Ivanov and Klenovsky. Studies in poetic perception. All reading in the original.
Prerequisites: RUS003 or RUSB10
Corequisites: None

Students should also consult listing under:

ANTB18	Cultural Evolution
ECOB10	Comparative Economic Systems
ENGA08	Forms of Twentieth Century Literature
ENGB11	Varieties of Drama
ENGB16	Fiction 1832-1900
ENGB31	Modern Drama
GERB02	20th Century Prose
HISB07	Russia Since the Ninth Century
HISC17	European Society and Culture between the World Wars
HUMB01	Emergence of Modern Prose
HUMB02	Guilt and Conscience in Post-World War II Literature
HUMB15	Nineteenth-Century Poetry: Aestheticism
LINB07	Sociolinguistics
PHLB52	The State and the Citizen
PHLB60	Philosophy in Literature
PHLC55	Marx and Marxism
SOSB01	Politics and Society in the U.S.S.R.
POLB03	Modern Political Thought
POLC03	Marxism-Leninism
SOSC12	The Sociology of Revolution

Sociology

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

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

- SOCA01Y Introduction to Sociology 3L:T10W11W5/T7-10E**
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SOCA03] 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.
Prerequisites: None
Corequisites: None
Instructor: Gerson
- SOCA02Y Contemporary Society 2L,1T L:(fall term only)TW12**
 Our subject matter is contemporary society, with emphasis on Canada. We will apply basic methods and principles of Sociology to achieve a better understanding of the social structure and functioning of contemporary society, 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, of which copies 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.
Prerequisites: None
Corequisites: None
Instructor: Lee
- SOCA03Y Principles of Sociology 2L,1T L:M12W11**
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SOCA01] An introduction to Sociology by means of basic concepts and their applications to the study of society: interaction, groups, social systems, socialization, stratification, collective processes, social change, etc. Stress will be on the development of basic propositions and generalizations concerning the nature of social life.
Prerequisites: None

Corequisites: None
Instructor: Howell-Lee

- SOCB01Y Methods of Social Research 2L:MW2,2P:M3-5/W3-5**
 Course aims include both a formal study of methodology and a practical introduction to social research design, data collection and analysis. Laboratory sessions include exercises in computer programming, elementary statistics, graphics and library research. Students design and execute suitable projects as an important part of their term work. Limited enrolment – 30.
Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: Beals
- SOCB02Y Structure of Interpersonal Relations 2L:(fall term only)M7EW7E,1T:M8E/M9E/W8E/W9E**
 Our subject matter is the nature of personal relationships involved in such social forms as the family, education, work, love and marriage, friendship and play. The aspects considered include sexual intimacy, alienation, acquaintanceship, 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 of rules available on request.) 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.
Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: Lee
- SOCB03Y History of Social Thought 2L:T10-12,1T:W2**
 This course is concerned with the development of Sociology and with the works of particular sociologists whose concepts not only have historical interest but also have relevance to contemporary Sociology.
Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: O'Toole
- SOCB04Y Political Sociology 2L:TW5,1T:T12**
 Political Sociology is the study of the interrelationship between society and polity, between social structures and political institutions. The first part of the course deals with the literature of Political Sociology from Marx to the present; the latter part of the course with the Canadian polity in particular. Limited enrolment.
Prerequisites: None
Corequisites: None
Instructor: DeLannoy

- SOCB05Y Urban Sociology** 2L,1T L:WF10
 Examines the city both as a significant development in world civilization and as a working mechanism guided by contemporary policies and studies human behaviour in its multifaceted relations with the urban environment.
Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: Howell-Lee
- SOCB10Y Social Stratification** 2L:R7-9E,1T:R9E
 Description and analysis of the nature of social stratification with emphasis on the basis of stratification, different theoretical views concerning stratification, the structure and function of stratification systems, social classes and associated behaviour, social mobility and class conflict.
Prerequisites: One previous course in Sociology
Corequisites: None
- SOCB12Y Sociology of the Family** 2L:M4F12,1T:R11/R2/F3/F4
 The sociological study of the family in contemporary western society, with special emphasis on its historical development, social forces which have influenced it, interrelationship with other institutional forms, the family as a small group, the family life cycle, family disorganization and family change.
Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: James
- SOCB13Y Canadian Society** 2L:TR11,1T:F9/F10/F11
 A sociological analysis of Canadian society, with emphasis on its changing structure.
Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: DeLannoy
- SOCB16Y Social Change** 2L:R10-12,1T:W10/W11
 A sociological analysis of forms of change, such as industrialization, modernization, urbanization, and their consequences for the structure and function of contemporary society.
Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: O'Toole
- SOCB18Y Sociology of Deviant Behaviour** 2L; TF3,1T:W5/F1/F2/F12
 A sociological analysis of various forms of deviant behaviour, including an examination of casual theories, social definitions, maintenance, control and social consequence.
Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: James

- SOCB20Y Ethnic and Race Relations** 2L:MW11,1T:T12/T2/T4
 Ethnic and racial groups are involuntary groups within society which accords them differential statuses. The course focuses on the problem of stereotyping and prejudice, on social mobility and 'civil rights' movements as processes of change of ethnic status, maintenance of ethnic identity and conflict and continuity between ethnic generations. Particular reference will be given to societal integration especially as it bears upon the question of Canadian bilingualism and multiculturalism.
Prerequisites: One previous course in Sociology
Corequisites: None
Instructor: Isajiw
- SOCC01Y Small Groups** 2L:F9-11,1T:F3
 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 enrolment — 15.
Prerequisites: Two previous courses in Sociology, one of which must be a B-level course
Corequisites: None
Instructor: Isajiw
- SOCC02F Complex Organizations** 2L:W7-9E,1T:W9E
 The course will deal with complex organizations, with special emphasis on relationships among them and the bearing of these relationships upon the structure of power in society. Materials will be drawn from Canadian and comparative contexts. Limited enrolment — 15.
Prerequisites: Two previous courses in Sociology, one of which must be a B-level course
Corequisites: None
Instructor: Howard
- SOCC03F Collective Behaviour** 2L:R6-8E,1T:R8E
 This course is concerned with the social conditions that produce collective behaviour and the effect it has on group conflict, morale, consensus and changing patterns of social organization. Limited enrolment — 15.
Prerequisites: Two previous courses in Sociology, one of which must be a B-level course
Corequisites: None
Instructor: O'Toole
- SOCC05Y Special Problems of Sociological Theory** 2L:T3-5,1T:R4
 A seminar with emphasis on intensive study of selected basic ques-

Full Course	tions historically underlying sociological thinking such as the problem of order and integration of society, processes of social mobility, solidarity formation and social and cultural change with reference to contemporary society. Limited enrolment — 15. <i>Prerequisites:</i> SOCB03 <i>Corequisites:</i> None <i>Instructor:</i> Howard
SOCC06S	Sociology of Industrialization 2L:W10-12,1T:M11 Alternative approaches to the study of industrial development, its genesis and its social implications will be considered. Case materials from both historical and contemporary contexts will be used by members of the seminar in critically evaluating these theoretical approaches. Limited enrolment — 15. <i>Prerequisites:</i> Two previous courses in Sociology, one of which must be a B-level course <i>Corequisites:</i> None <i>Instructor:</i> Howard
Term Half-Course	
SOCC07F	Occupations 2L:R11-1,1T:F3 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 enrolment — 15. <i>Prerequisites:</i> Two previous courses in Sociology, one of which must be a B-level course <i>Corequisites:</i> None <i>Instructor:</i> Gerson
Term Half-Course	
SOCC08H	Sociology of Education 1L:R2,1T:R3 The course will examine traditional and modern theories of education and learning within the context of the social systems in which these theories occur. Students will conduct research projects individually or in teams. Limited enrolment — 15. <i>Prerequisites:</i> Two previous courses in Sociology, one of which must be a B-level course <i>Corequisites:</i> None <i>Instructor:</i> Lee
Year-Long Half-Course	
SOCC12F	Sociology of Revolution 2L:R9-11,1T:F2 What is specifically revolutionary in a revolution is the fact that a group of people, large or small, well organized or loosely joined, is consciously attempting to bring about a radical change in the lives of all the people in society. The seminar will begin with a theory of revolution which consequently will be applied to examine empirical instances of the phenomenon, e.g., The Mexican Revolution, The Russian Revolution, The American Revolution, including such events as the Winnipeg General Strike, the 1968 Paris Student Revolt and the FLQ crisis. Limited enrolment — 15.
Term Half-Course	

Prerequisites: Two previous courses in Sociology, one of which must be a B-level course

Corequisites: None

Instructor: DeLannoy

SOCC15F **Demography of Canadian Society** 2L:F1-3

Application of basic demographic techniques to the study of Canadian society: population trends, composition, distribution, Canadian population problems, etc. Limited enrolment — 15.

Prerequisites: Two previous courses in Sociology, one of which must be a B-level course

Corequisites: None

Instructor: Howell-Lee

SOCC20S **Sociology of Religion** 2L:R2-4,1T:F10

A sociological analysis of religion as a social institution, religious behaviour and contemporary trends. Limited enrolment — 15.

Prerequisites: Two previous courses in Sociology, one of which must be a B-level course

Corequisites: None

SOCC22S **Sociological Analysis: Qualitative Methods** 2L:R11-1,1T:F3

Systematic analysis of basically non-statistical or qualitative materials. The craftsmanship of research. The problems, limitations and techniques of sociohistorical analysis, content analysis and methodologies for the study of non-academic materials from non-scholarly sources. Limited enrolment — 15.

Prerequisites: SOCA01; one B-level course in Sociology

Corequisites: None

Instructor: Gerson

SOCC24S **The Changing Canadian Family** 2L:R10-12,1T:M9

Examination of the major changes in the structure of the Canadian family and their consequences for family life. Limited enrolment — 15

Prerequisites: Two previous courses in Sociology, one of which must be a B-level course

Corequisites: None

Instructor: James

SOCC30Y **Independent Studies** *ARRANGE WITH INSTRUCTOR

Designed primarily for fourth year students who wish to concentrate on a specific area of Sociology. Individual consultation and the preparation of a research paper required. Limited enrolment — 15.

Prerequisites: Permission of instructor

Corequisites: None

Instructor: Members of the faculty

Social Science

SOSA01F **Quantitative Methods in Social Science** **2L,1T L:TR10**
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
 MATB52 AND PSYB07] This course introduces basic statistical
 Term methods with applications primarily to the Social Sciences. Students
 Half- in Economics, and Political Science should note that this course is
 Course prerequisite to certain courses in those fields. No students will be
 admitted after the third lecture.

Prerequisites: None

Corequisites: None

Instructor: Sawyer

SOSB02Y **The Indian Sub-Continent: Contemporary Problems** **2L:T7-9,1T:T9E**

Full Major problems of modernization and tradition in the Indian Sub-
 Course continent. Topics will include: types of mobilization and aspects of
 politicization of society; economic planning; social reform; geogra-
 phical identity and definition; linguistic policy; institutional develop-
 ments.

Prerequisites: One previous course in Social Science

Corequisites: None

Instructor: Tayyeb; Howard

SOSB04S **Social Choice and Collective Action: Positivist and Normative
 Theories of the Public Sector** **2L:M1FT**

Term Two questions will motivate the study of social choice and collective
 Half- action: (1) when *should* private actions come under collective
 Course control? and (2) what conditions *in fact* lead to a demand for
 collective control over individual actions? After a review of
 collectivist and individualist ideologies we will study methods of
 reconciling competing individual demands upon the public and
 private sectors. Representative democracy will receive special atten-
 tion. Several theories of property will be explored. The logic of
 collective action will be discussed in general. Finally, the strategy of
 conflict will be examined and two special problems, tariff and
 disarmament negotiations will come under scrutiny.

Prerequisites: Any course in the Social Science Division or in Phil-
 osophy

Corequisites: None

Students should also consult listing under:

NSCA03 **Quaternary Environments and Man.**

Spanish

Students enrolling in Spanish at Scarborough College are offered a wide range of
 courses in the Spanish language and in Peninsular and Spanish-American literature.
 Those without Grade 13 Spanish or equivalent are required to take SPAA01, B04,

and B05 in their first year. Those with Grade 13 Spanish or SPAA01 continue their
 study of the language with SPAB02, B04, B06, and B07. At the same time they
 may also enrol in some of the courses in nineteenth and twentieth century litera-
 ture, or in SPAB03 which is the pre- or corequisite for most other literature
 courses.

Students who intend to specialize in Hispanic Studies are advised, in general, to
 consider each of the following areas: History of the Language and Stylistics, Medi-
 aeval, Golden Age, Modern, and Spanish-American literature. In addition to the
 courses in these areas listed below, two offerings in Humanities deal directly with
 specific aspects of Hispanic literature: HUMB15 and HUMC01. Courses given in
 such fields as History, Fine Art, Linguistics, Philosophy, and in other literatures
 may also prove directly 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 courses in Latin American Area Studies and the pro-
 gramme in Drama.

All students enrolled in Spanish, some of whom may later wish to go to the
 College 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.

Part-time students who cannot meet the corequisite requirements in Spanish
 language courses are advised to take these courses in the following sequence:
 Spanish A01, B04, B05, B02, B07, B06.

SPAA01Y **Introductory Spanish** **3L,1P,1T L:MWF1/MWF2/M4W3F3/M7-10E, P:M9/M10/W9/W7-9E**
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
 SPA001] A course in basic grammar and syntax. Instruction in spo-
 ken and written Spanish and rapid comprehension of idiomatic
 speech with the aid of a co-ordinated laboratory programme.
 Full *Prerequisites:* None
 Course *Corequisites:* SPAB04 or SPA004; SPAB05 or SPA005

SPAB02F **Intermediate Spanish** **3L:M3W1F1/T7-10E**
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
 SPA002] Review of Spanish grammar and syntax. Elementary com-
 position.
 Term *Prerequisites:* SPA001 or SPAA01 or Grade 13 Spanish
 Half- *Corequisites:* SPAB04 or SPA004; SPAB06 or SPA006
 Course *Instructor:* Maillard

SPAB03S **Pre-Literary Examination of Texts** **3L:T7-10E**
 [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS
 SPA003] Preparation in the basic elements of Spanish stylistics and
 in the rapid reading and comprehension of texts of various periods
 and subject matter.
 Term *Prerequisites:* SPA002 or SPAB02
 Half- *Corequisites:* None
 Course *Instructor:* Barta

SPAB04F	Phonetics	1L:M11/M3,2P:W5F4/T4R5
Term	[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SPA004] Principles of articulatory phonetics; fundamentals of Spanish speech sounds; intensive practice in their production and transcription.	
Half-Course	<i>Prerequisites:</i> None <i>Corequisites:</i> SPAA01 or SPA001 or SPAB02 or SPA002; SPAB06 or SPA006 <i>Instructor:</i> Skyrme	
SPAB05S	Conversation	3L:M5W10F10/M12W4F12
Term	[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SPA005] This course is designed to give the student intensive practice in spoken language through controlled situational oral practice, discussion groups and the passive comprehension of the speech of major Spanish linguistic areas.	
Half-Course	<i>Prerequisites:</i> SPAB04 or SPA004 <i>Corequisites:</i> SPAA01 or SPA001 <i>Instructor:</i> Members of the faculty	
SPAB06F	Conversation	2L:T2-4,1T:R2
Term	[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SPA006] This course is designed to continue on a more advanced level the intensive practice in spoken Spanish begun in SPAB05.	
Half-Course	<i>Prerequisites:</i> SPAA01 or SPA001 or Grade 13 Spanish <i>Corequisites:</i> SPAB02 or SPA002; SPAB04 or SPA004 <i>Instructor:</i> Chicoy-Daban	
SPAB07S	Intermediate Syntax and Composition	3L:T2R2F3
Term	[MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SPA007] This course is designed to give the student intensive practice in effective writing and a reasonable degree of naturalness in the use of idiomatic Spanish.	
Half-Course	<i>Prerequisites:</i> SPAB02 or SPA002 <i>Corequisites:</i> None <i>Instructor:</i> Maillard	
SPAB11Y	Survey of Spanish Literature	3L:M1W9F9
Full Course	Reading, analysis and discussion of Peninsular Spanish literature from the twelfth to the twentieth centuries, with the object of acquainting the student with the major literary movements of each period, the authors and their works.	
	<i>Prerequisites:</i> SPA001 or SPAA01 <i>Corequisites:</i> SPA003 or SPAB03 <i>Instructor:</i> Barta	
[SPAB12S	History of the Spanish Language]	
Term	Course not offered in 1972-73. The Pre-Roman, Roman, Visigothic and Moorish civilizations in Spain; the growth of the Spanish language from Latin. the evolution of its phonology, morphology, syn-	
Half-		

Course	tax and vocabulary. <i>Prerequisites:</i> SPAB04 or SPA004 <i>Corequisites:</i> None	
SPAB13F	Romanticism	3L:M7-10E
Term	The origin and growth of the Romantic movement in Spain; its relationship to Neo-Classicism and the Spanish tradition; a detailed study of the works of its principal exponents.	
Half-Course	<i>Prerequisites:</i> SPAA01 or SPA001 <i>Corequisites:</i> None <i>Instructor:</i> Skyrme	
SPAB17S	The Modern Spanish Novel	3L:MWF2
Term	The evolution of the Spanish novel in the nineteenth century will be examined through reading and discussion of selected works in Costumbrismo, Regionalism, Realism, and Naturalism.	
Half-Course	<i>Prerequisites:</i> SPA001 or SPAA01 <i>Corequisites:</i> None <i>Instructor:</i> Skyrme	
[SPAB21F	Stylistics and Translation]	
Term	Course not offered in 1972-73. 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.	
Half-Course	<i>Prerequisites:</i> SPAB03 or SPA003 <i>Corequisites:</i> None	
[SPAB22F	Mediaeval Literature]	
Term	Course not offered in 1972-73. Reading, analysis and discussion of major texts in prose and poetry from the twelfth to the fifteenth centuries in Spain.	
Half-Course	<i>Prerequisites:</i> SPAB03 or SPA003 <i>Corequisites:</i> None	
[SPAB23Y	Spanish Drama]	
Full Course	Course not offered in 1972-73. [MAY NOT BE TAKEN IN SAME DEGREE PROGRAMME AS SPAB24] 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.	
	<i>Prerequisites:</i> SPAB02 or SPA002 <i>Corequisites:</i> SPAB03 or SPA003	
[SPAB25F	Golden Age Prose]	
Term	Course not offered in 1972-73. Study of the development of Spanish prose writing; reading, analysis and discussion of the major types of prose writing in the Golden Age.	
Half-Course	<i>Prerequisites:</i> SPAB03 or SPA003 <i>Corequisites:</i> None <i>Instructor:</i> León	

- [SPAB26S **Golden Age Poetry**
Course not offered in 1972-73. Study of the major poets of the Golden Age from Garcilaso to Gongora.
Prerequisites: SPAB02 or SPA002
Corequisites: SPAB03 or SPA003
- Term
 Half-
 Course
- SPAB27F **The Poetry and Theatre of García Lorca** 3L:MWF4
 The following major aspects will be examined: (a) Lorca's early poems; (b) The *Romancero Gitano*; (c) Poetic comedies and tragedies; (d) Short plays and farces.
Prerequisites: SPAB03 or SPA003
Corequisites: None
Instructor: León
- Term
 Half-
 Course
- [SPAB28F **Spanish American Literature: A Survey**
Course not offered in 1972-73. Study of the main currents of Spanish American literature from colonial times to 1850. Special attention will be paid to the fundamental economic, social and cultural factors of the periods under consideration. Reading, analysis and discussion of selected texts.
Prerequisites: SPAA01 or SPA001
Corequisites: SPAB02 or SPA002
- Term
 Half-
 Course
- SPAB29F **Spanish American Literature** 3L:T7-10E
 Short Story: history of the Spanish *cuento*; examination of short stories by Spanish and European authors in order to attempt a definition of the short story; reading, analysis and discussion of the various forms of the Spanish American short story.
Prerequisites: SPAA01 or SPA001
Corequisites: None
Instructor: León
- Term
 Half-
 Course
- SPAB30S **Spanish American Literature: The Novel of the Mexican Revolution** 3L:T7-10E
 A study of the various types of novels written in Mexico from 1910 to the present time. Attention will be paid to the fundamental economic, social and cultural aspects of the Revolution.
Prerequisites: SPAA01 or SPA001
Corequisites: None
Instructor: León
- Term
 Half-
 Course
- [SPAB31Y **The Latin American Novel**
Course not offered in 1972-73. A study of the main Novelistic currents in Latin America in the nineteenth and twentieth centuries. Three major groups of novels will be studied: (a) Regional, indianist; (b) Revolutionary, political; (c) Existential, absurd, psychological.
Prerequisites: SPAB02 or SPA002
Corequisites: SPAB03 or SPA003
- Full
 Course
- SPAC02F **Directed Reading** *ARRANGE WITH INSTRUCTOR
 This course is intended for students who have completed SPAB03 or

- Term
 Half-
 Course
- SPA003 and one other B-level Spanish course and who wish to do further work in a specialized area of Hispanic literature. Interested students must contact instructors before registration regarding possible authors or topics of study. Students are required to meet their instructors at least once a week to discuss problems and points of interest arising from their reading and to plan further work.
Prerequisites: SPA003 or SPAB03; one B-level course in Spanish
Corequisites: None
Instructor: Members of the faculty
- SPAC03S **Directed Reading** *ARRANGE WITH INSTRUCTOR
 The same as SPAC02.
Prerequisites: SPA003 or SPAB03; one B-level course in Spanish
Corequisites: None
Instructor: Members of the faculty
- Term
 Half-
 Course

Students should also consult listings under:

- HUMB15 19th Century Poetry: Aestheticism
 HUMC01 Lyric Poetry of the Middle Ages in the Mediterranean Area



Summer Evening Session 1972

A schedule of twenty-five courses is to be offered this session - seventeen full-courses and eight half-courses. Each of the courses has a class twice a week on either Monday and Wednesday or Tuesday and Thursday starting at 7:00 p.m.

Regulations

Information relating to admission, registration, degree regulations and fees will be found in the appropriate sections on this Calendar. Please check the academic Calendar at the beginning of this book for information concerning dates by which withdrawal from courses may be effected without academic penalty, and also dates by which course changes must have been made.

Refunds

Full Courses: Withdrawal effected between first day of classes and June 30th - refund \$47.50.

Withdrawal effected on or after 1 July - no refund.

Half-Courses: No refund.

The Courses

The letter 'Y' after a course abbreviation, indicates that the course is a full-course, yielding one whole credit. The letter 'F' after a course, indicates a half-course given in the first half of the session, yielding one half-credit; the letter 'S' after a course indicates a half-course given in the second half of the session, yielding one half-credit.

'Y' courses begin on Monday 15 May and end on Thursday 10 August 1972.

'F' courses begin on Monday 15 May and end on Thursday 22 June 1972.

'S' courses begin on Tuesday 4 July and end on 10 August 1972.

The Examination period begins on Monday 14 August and ends on Friday 18 August 1972.

If you have any enquiries relating to the Summer Evening Extension Programme, please call 284-3127.

Facilities for Summer Evening Extension Students

Library

Summer Evening Session Hours:

Mondays through Thursdays	-	9:00 a.m. to 10:00 p.m.
Fridays	-	9:00 a.m. to 5:00 p.m.
Saturdays and Sundays	-	Closed.

Bookstore

Summer Evening Session Hours:

May 15, 16, 17, 18	-	9:00 a.m. to 9:00 p.m.
May 19	-	9:00 a.m. to 5:00 p.m.
May 22, Victoria Day	-	Closed.
May 23, 24, 25	-	9:00 a.m. to 9:00 p.m.
May 26	-	9:00 a.m. to 5:00 p.m.

Thereafter, every Monday and Thursday (except July 3 - Dominion Day observance and August 7 - Civic Holiday) 9:00 a.m. to 9:00 p.m.; every Tuesday, Wednesday and Friday - 9:00 a.m. - 5:00 p.m.

Parking

For the Summer Evening Session, students may park their cars free of charge in the College parking lots.

Sport

Summer Session students are invited to use the recreational facilities of Scarborough College. Four tennis courts, an archery range, a golf range, an outdoor volleyball court and two playing fields are available. Organized recreational activities such as a sailing club, a tennis club, and tennis and golf tournaments are included in the summer programme. Change room facilities and equipment for free play are also available to participants. For further information, please call 284-3121.

Counselling

It is the responsibility of students to ensure that they register in courses, the combination of which comply both with course pre- and corequisite requirements and also with the degree regulations. The Office of the Associate Dean and Registrar is happy to assist you in these and any other matters.

In addition to its regular hours of 8:45 a.m. - 5:00 p.m., the Office of the Associate Dean and Registrar will be open for counselling from 6:00 p.m. to 8:30 p.m. on the following evenings in 1972:

From 4 April to 10 May - Tuesday and Wednesdays
From 15 May to 29 June - Mondays, Tuesdays, Wednesdays and Thursdays.

From 4 July to 26 July - Tuesdays and Wednesdays.

Call 284-3292 for appointments, or drop in.

Timetable

(Course descriptions may be found in the appropriate section of this Calendar).

Course Code	Course Title	Evenings
ANTB04F	The Canadian Indian	Tues. & Thurs.
ANTB15Y	Introduction to Physical Anthropology	Mon. & Wed.
BIOB14Y	Human Physiology (Human Biology)	Tues. & Thurs.
CHMA01Y	General Chemistry	Mon., Tues., Wed. & Thurs.
ECOA01Y	Introduction to Economics	Tues. & Thurs.
ECOB03Y	North American Economic History	Mon. & Wed.
ENGA05Y	Canadian Literature in English	Tues. & Thurs.
ENGB24Y	Major American Authors	Tues. & Thurs.
ENGC11Y	Paradise Lost	Mon. & Wed.
FARB10Y	Introductory Workshop in Colour and Design (Enrolment limited to 25 students)	Mon., Tues., Wed. & Thurs. 7:00p.m.-10:00p.m.
FREB21Y	Language Practice	Tues. & Thurs.
GGRA06F	Introduction to Geography Environmental Analysis	Tues. & Thurs.
GGRA07S	Introduction to Geography The Surface of the Earth	Tues. & Thurs.
GGRB08Y	The Geography of Underdeveloped Areas	Tues. & Thurs.
HISB43Y	Ontario History, the 19th Century	Mon., & Wed.
PHLB51S	Ethics	Tues. & Thurs.
PHLB55F	Metaphysics	Mon., & Wed.
PHLB56S	Philosophy of Religion	Mon., & Wed.

PHLB60F	Philosophy in Literature	Tues., & Thurs.
POLA01Y	Canadian Government and Politics	Mon. & Wed.
PSYA01Y	Introduction to Psychology	Mon. & Wed.
RUSB12Y	Russian Drama (in translation)	Mon. & Wed.
SOCA01Y	Introduction to Sociology	Mon. & Wed.
SOCB18Y	Deviant Behaviour	Mon. & Wed.
SOCC24F	The Changing Canadian Family	Tues. & Thurs.

Winter Evening Session 1972-73

The Scarborough College timetable runs from 9:00 a.m. to 10:00 p.m. It is College policy that the section of a course offered in the evening should normally have the same number of hours of instruction as the day section of that course. Part-time students who wish to take courses at Scarborough College are able to request enrolment in any course, whether it be timetabled in the day or evening, without petition. It is possible that some courses may be over-enrolled. In such cases, the College policy in registering students is by academic seniority and thereafter by a process of selection. Because of this flexibility of course enrollment offered to Part-time students, it is essential that in registering for their courses, students specify, quite clearly, whether they wish to enrol in day or evening sections of courses. Tutorial sections of classes will be arranged with Part-time students at the first lecture of each course concerned. Please note that while every attempt will be made to accommodate students as they request, we cannot guarantee to register students in the exact sections of their choice. Full-time students will be given preference over Part-time students in day sections, and Part-time students will be preferred over Full-time students in evening sections. The timetable for each course appears with its listing in the course description section of this Calendar. Classes commencing at 6:00 p.m. or later are labelled with an 'E' in the timetable. When you register for a course, state only whether you wish to attend the Day or Evening sections of a course. Specific section assignment will take place at a later date.

For your convenience, a list of all courses which have sections commencing at 6:00 or later is reproduced below. The actual time of the classes, the course descriptions and the pre- and corequisite requirements will be found in the course description section of this Calendar.

Courses with classes beginning at 6.00 p.m. or later:

Course Code	Course Title	Evening
ANTA01Y	Introduction to Anthropology	Thursday
ANTB02S	Anthropology of Religion	Tuesday
ANTB04F	The Canadian Indian	Thursday
ANTB06F	Cultures of Oceania	Tuesday
ANTB12S	Man in the Holocene	Wednesday
ANTB14F	Human Evolution	Wednesday
ANTB19F	Introduction to Political and Economic Anthropology	Monday
BIOA03Y	Introduction to Biology	Thursday and Saturday
BIOB11Y	Animal Populations and Evolution	Wednesday and Saturday

CASA01Y	Introduction to Canadian Studies	Monday
CLAB02Y	Greek and Roman Tragedy	Wednesday
COMA01Y	Financial Accounting	Tuesday
COMB21F	Management Accounting	Tuesday
COMB22S	Information Systems and Control	Tuesday
ECOA01Y	Introduction to Economics	Wednesday
ECOB04Y	European Economic History	Monday
ECOB11S	Money and Banking	Thursday
ENGB02Y	Chaucer	Thursday
ENGB12Y	English Drama to 1642	Monday
ENGB16Y	Fiction 1832 - 1900	Tuesday
ENGC08Y	Studies in Twentieth Century Literature	Tuesday
FARB10Y	Introductory Workshop in Colour and Design	Monday and Wednesday
FREA01Y	Preparation for University French Studies	Monday and Tuesday
FREB44F	Intellectual Explosion: The French "Philosophes" in the Age of Enlightenment	Thursday
FREB45S	French Literature in the Age of Enlightenment	Thursday
GERB17Y	German Novel from Goethe to Grass	Wednesday
GGRA08F	Introduction to Geography: Regional Analysis	Monday
GGRA09S	Introduction to Geography: Spatial Analysis	Monday
GGRB01Y	Geography of Resources	Wednesday
GGRB02Y	Analytical & Quantitative Methods	Tuesday
GGRB03Y	Climatology	Thursday
GGRB06Y	The Geography of Economic Activities	Tuesday
GGRC04S	Urbanization in Ontario	Monday
GRHB01Y	History of Greece from 800 B.C. to Death of Alexander	Monday
HISA01Y	The European World: An Introduction to History	Tuesday
HISB01Y	Britain 1485-1960; from Medieval Kingdom to Welfare State	Wednesday
HISB05F	Canadian History to 1867	Monday
HISB06S	Canadian History since Confederation	Monday
HISB43Y	Ontario History, the Nineteenth Century	Thursday
HUMB09Y	Introduction to Cinema	Tuesday and Wednesday
HUMB11Y	Art of Satire	Tuesday
ITAA01Y	Introductory Italian	Monday and Wednesday
LINA02F	General Linguistics	Tuesday and Thursday

LINA03S	General Linguistics II	Tuesday and Thursday
MATA55Y	Calculus	Tuesday
NSCA01Y	Introduction to Natural Science: Physical Sciences	Monday
PHLA01Y	Introduction to Philosophical Problems	Monday
PHLA02Y	Introduction to Philosophical Classics	Thursday
PHLB56S	Philosophy of Religion	Monday
PHLB57F	Aesthetics	Tuesday
PHLB60S	Philosophy in Literature: Images of the Self	Wednesday
PHLB65F	Greek Philosophy: Plato and his Predecessors	Monday
PHLB71F	17th and 18th Century Thought	Thursday
POLB10Y	International Relations	Tuesday
POLB17Y	The Chinese Political System	Wednesday
POLB23Y	Politics and Society of the U.S.S.R.	Thursday
POLB24Y	Psychology and Politics	Tuesday
PSYA01Y	Introduction to Psychology	Wednesday
PSYB07F	Data Analysis in Psychology	Tuesday
PSYB09S	General Experimental Psychology	Monday and Tuesday
PSYB10F	Introduction to Social Psychology	Wednesday
PSYB12S	Social Interaction	Wednesday
PSYB20F	Developmental Psychology	Monday
PSYB30F	Personality	Thursday
PSYB32S	Abnormal Psychology	Thursday
SOCA01Y	Introduction to Sociology	Tuesday
SOCB02Y	Structure of Interpersonal Relations	Monday and/or Wednesday
SOCB10Y	Social Stratification	Thursday
SOCC02F	Complex Organizations	Wednesday
SOCC06S	Sociology of Industrialization	Monday and Wednesday
SOSB02Y	The Indian Sub-Continent: Contemporary Problems	Tuesday
SOCC03F	Collective Behaviour	Thursday
SPAA01Y	Introductory Spanish	Monday and Wednesday
SPAB02F	Intermediate Spanish	Tuesday
SPAB03S	Pre-Literary Examination of Texts	Tuesday
SPAB13F	Romanticism	Monday
SPAB29F	Spanish American Literatures	Tuesday
SPAB30S	Novel of the Mexican Revolution	Tuesday

Directory

Divisional Offices		Phone	Room
Humanities		284-3304	H528
Life Science		284-3291	S511
Physical Science		284-3289	S538B
Social Science		284-3302	H411
Student Services		284-3292	S412
General Inquiry		284-3300	Registrar's Office
Extension Inquiry		284-3127	Registrar's Office
Amenta, S.	Fine Art	284-3334	S360
Andrew, E.	Political Science	284-3154	H516
Andrews, K.	Fine Art	284-3334	S360
Athletic Association		284-3343	S303I
Bancroft, W.J. (Miss)	French	284-3178	H416
Barta, R.J.	Spanish	284-3185	H423
Beals, R.C.	Sociology	284-3278	H409
Benson, J. (Mrs.)	Health Service	284-3253	S304
Biederman, G.B.	Psychology	284-3211	S560
Bladen, V.W.	Economics	284-3187	H425
Blair, R.S.	Political Science	284-3170	H335
Boddington, A. (Miss)	Classics	284-3153	H417
Bradshaw, M. (Mrs.)	Assist. to the Dean	284-3243	S407A
Brown, I.R.	Zoology	284-3224	S540
Bucovetsky, M.W.	Economics	284-3259	H418
Bunce, M.F.	Geography	284-3325	S643A
Burton, F.	Anthropology	284-3132	S647
Campbell, D.E.	Economics	284-3115	S640
Campbell, I.M.	Zoology	284-3210	S550A
Cash, D.N.	Chemistry	284-3140	S538
Caton, R.B.	Chemistry	284-3227	S533
Cave, P.	Geography	284-3134	S647A
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Design: Ken Fong

Art Direction: R.K. Rigelhof

Photography: David Harford

Printing: Yorkville Press Co. Ltd.



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