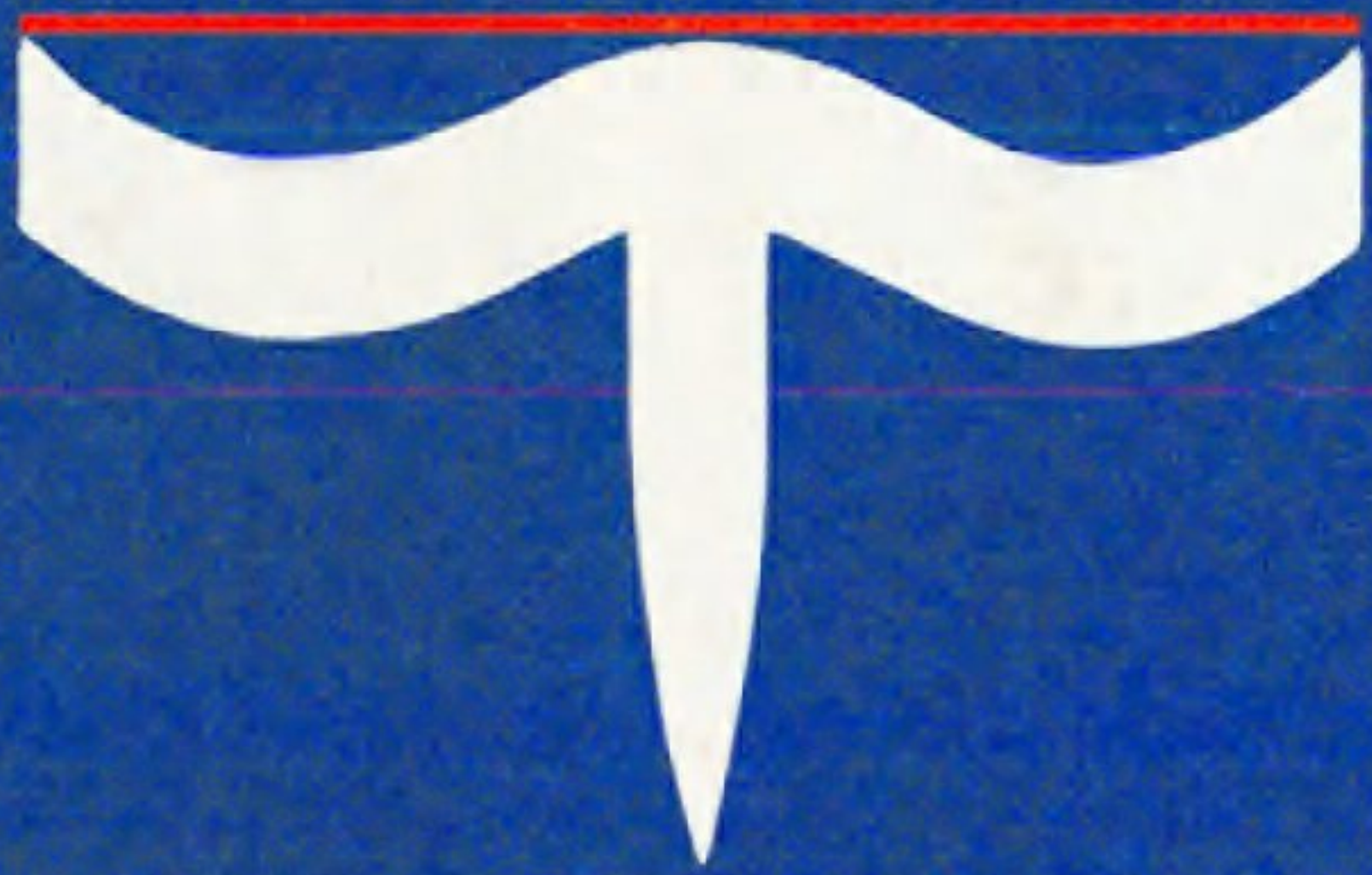




TRENT  
UNIVERSITY



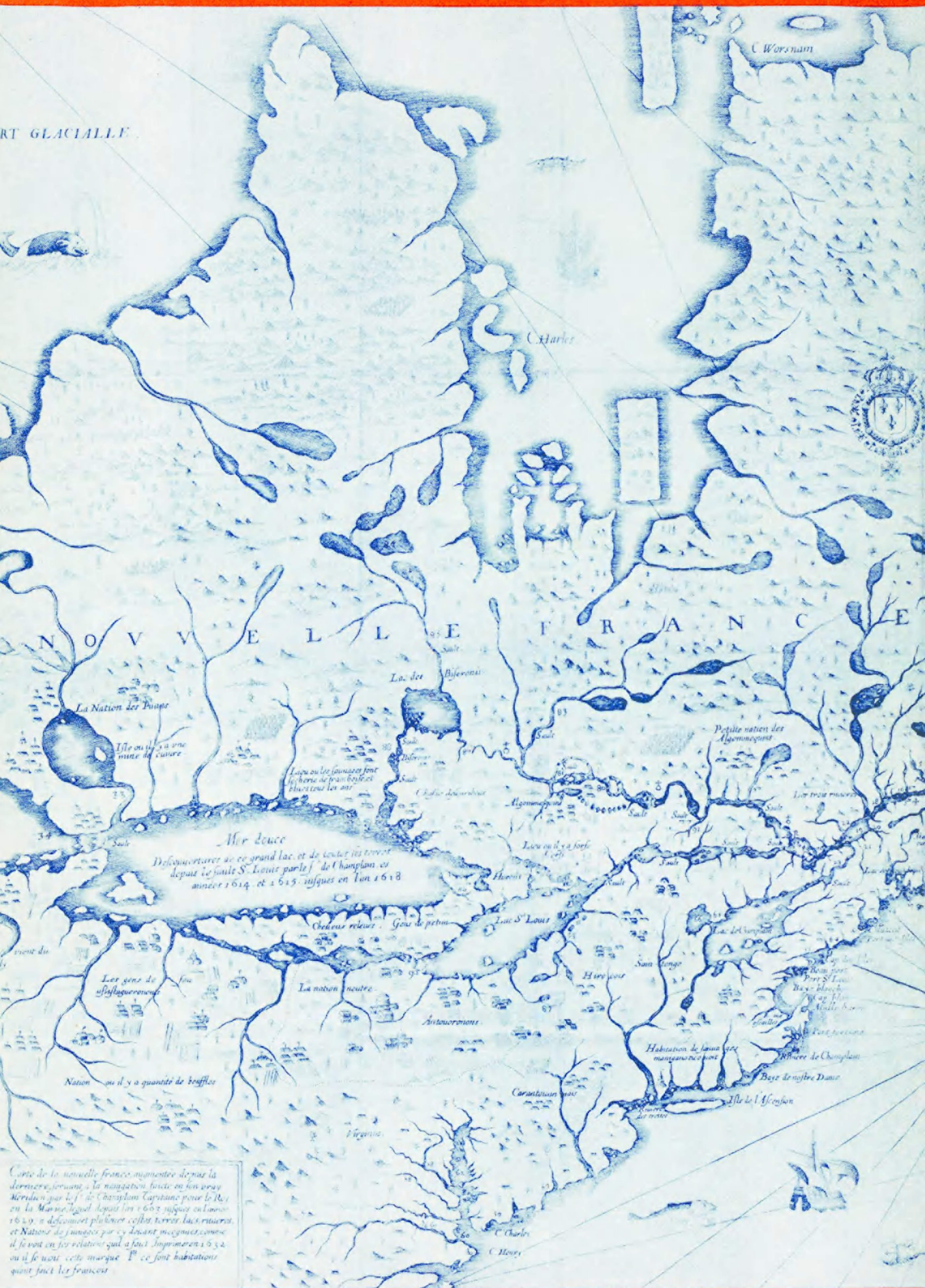
CALENDAR

---

1964-1965



RT GLACIALE



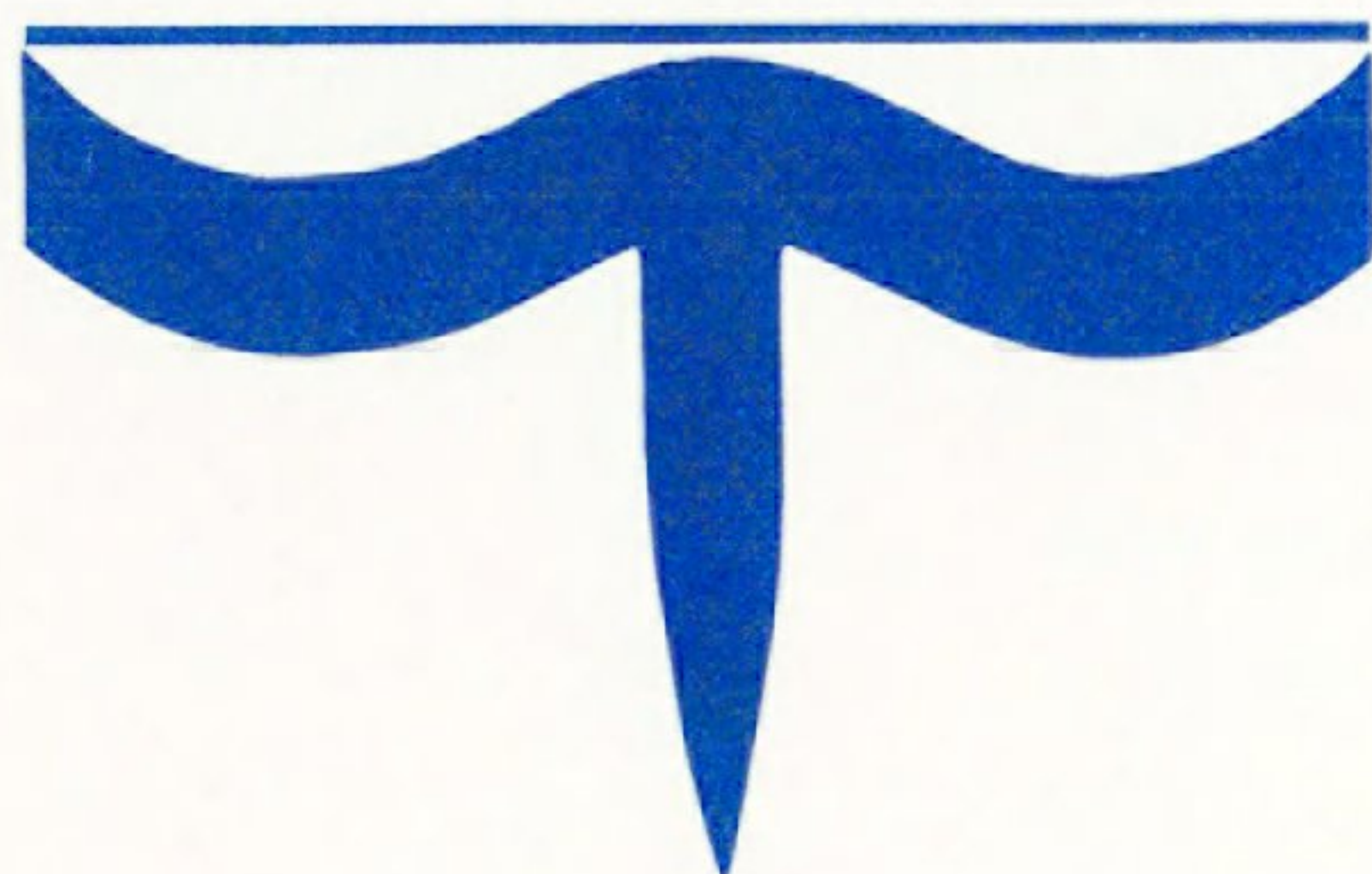
Part of Champlain's map of New France, reproduced with the kind permission of The Champlain Society





TRENT  
UNIVERSITY

Peterborough, Ontario, Canada



CALENDAR

for the first Academic Year,

1964-1965



# University Calendar 1964-1965



## AUTUMN TERM

September 16	Wednesday	Resident students arrive
September 17	Thursday	Introductory seminar, and registration
September 18	Friday	
September 19	Saturday	
September 21	Monday	Classes begin
December 11	Friday	Classes end
<i>Christmas vacation and reading period</i>		
December 12	Saturday to	
January 2	Saturday	

## WINTER TERM

January 3	Sunday	Residents return
January 4	Monday	Classes begin
March 19	Friday	Classes end
<i>March reading period</i>		
March 20	Saturday to	
April 3	Saturday	

## SPRING TERM

April 4	Sunday	Residents return
April 5	Monday	Classes begin
May 8	Saturday	Classes end
May 10	Monday	Examinations begin
May 15	Saturday	Examinations end
<i>Summer vacation and reading period</i>		

## SUMMER TERM

Dates to be announced.

This calendar is the first published by the University, and went to press several months before the beginning of the academic year, 1964-1965. Of necessity, it is therefore incomplete in a number of respects: further staff appointments will be announced after its publication, some course prescriptions remain to be worked out in detail.

The University reserves the traditional right to make such changes in courses and regulations as it deems desirable.



# Contents



<i>Trent University: An Introduction</i>	6
<i>The Board of Governors</i>	9
<i>The Universities Liaison Committee</i>	9
<i>The Officers of the University</i>	10
<i>The Faculty of the University</i>	11
<i>Advisers to the University Planning Committees</i>	13

---

## GENERAL INFORMATION:

<i>Tutorial and Seminar Teaching</i>	14
<i>The Academic Year</i>	15
<i>The Colleges</i>	16
<i>Scholarships, Prizes, Bursaries, and Loans</i>	17
<i>Library</i>	22

---

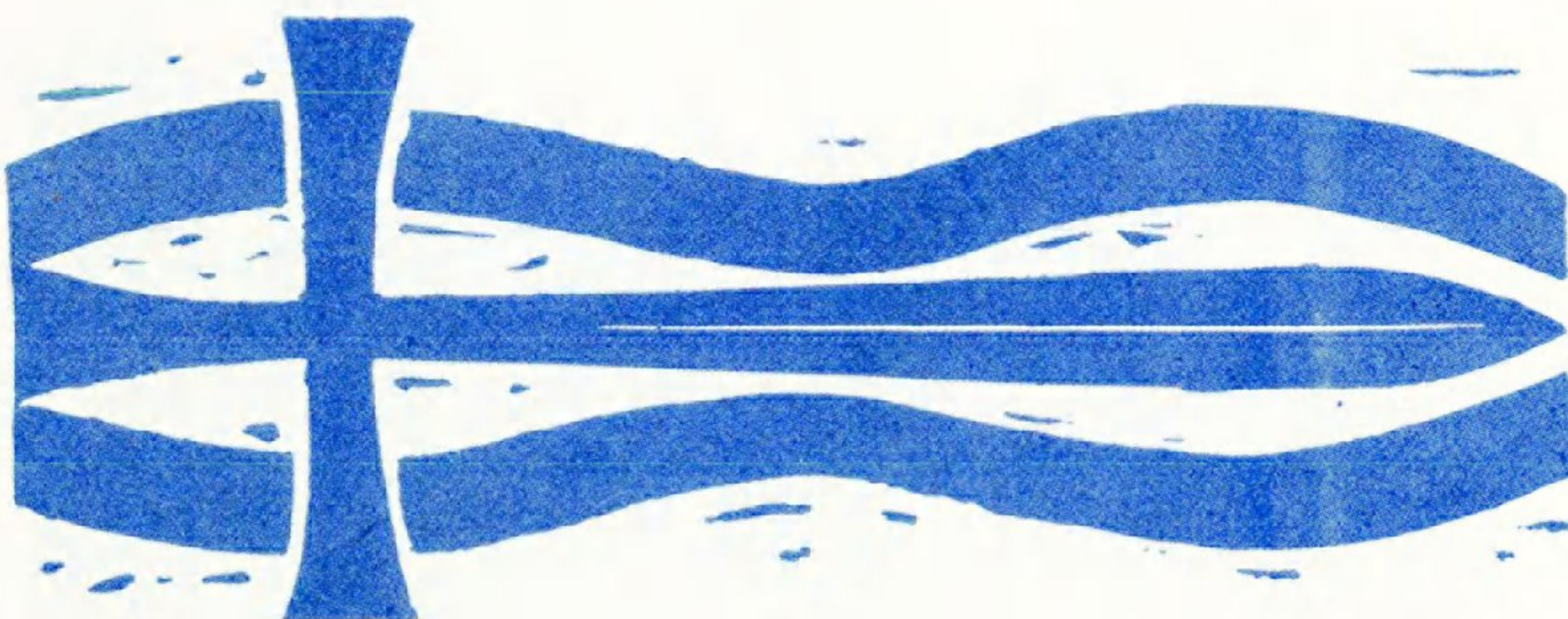
<i>Academic Programme</i>	23
<i>Admission and Registration</i>	37
<i>Pre-professional Programmes</i>	40
<i>Academic Standing</i>	42
<i>Fees</i>	44

---

## ADDITIONAL INFORMATION:

<i>Bookstore, University Health Service, Undergraduate Activities, Religion, Conduct and Dress</i>	45
<i>The University Site</i>	4
<i>Peterborough and Central Ontario</i>	48

---





An aerial photograph of a river valley. In the foreground, a dam with several spillways spans across a river. To the right of the dam, there are several large industrial or utility buildings. The river flows through the valley, surrounded by dense trees and fields. In the background, more hills and a small town or village are visible under a clear sky.

## THE UNIVERSITY SITE

"We also passed through several lakes of very considerable size, as is likewise the said river which passes through them, and which abounds greatly in good fish. It is certain that all this country is very fine and of pleasing character. Along the shores one would think the trees had been planted for ornament in most places." (Samuel de Champlain on the Trent Valley, in his *Voyages et Descouvertes Faites en la Nouvelle France, depuis l'année 1615 jusques à la fin de l'année 1618.*)

The University's coat of arms is based upon that of the city of Peterborough. The sword is from Champlain's coat of arms; the waves represent the rivers and lakes of the Trent system.

The University's motto, *Nunc cognosco ex parte* (Now I know in part), is from I Corinthians, 13.

*photo by* PARKS







# Trent University



## AN INTRODUCTION

### HISTORY

Trent University was created by an Act of the Ontario Legislature as an independent University with full degree-granting powers in April, 1963. It accepts its first class of students in September, 1964. The adoption of the Trent University Act was the climax of a vigorous endeavour by public-spirited citizens of the City of Peterborough and of the Trent Valley to bring a University to the community.

Public discussion in 1957 resulted in the creation of a Mayor's Committee to investigate the possibility of a College or University in Peterborough. This Committee, with authority and the promise of financial support from the City, soon became the founding Board of Directors of Trent College Limited, which was incorporated for the purposes of preliminary planning under the Companies Act. In 1960, a three-member committee was established by Queen's University and the Universities of Toronto and Western Ontario, to maintain liaison between these Universities and the Trent University Founding Board, and to act as an informal advisory group to the Board.

After consultation with this Liaison Committee in 1961, the Founding Board invited T. H. B. Symons, the Dean of Devonshire House in the University of Toronto, to become President-designate of Trent University. In the same year an Academic Planning Committee consisting of senior and experienced University scholars and administrators was formed under his chairmanship. This Committee initiated the broad planning for Trent University in academic matters, including curriculum, library arrangements, the sciences, teaching methods, admission policies, and the general concepts of the University. In the following year a Campus Planning Committee was created to consider the questions of the University site and architecture. In May, 1962, on the recommendation of the Provincial Government's Advisory Committee on University Affairs, the Government of Ontario announced its support for the founding of Trent University, and shortly afterwards the Act was introduced in, and passed by, the Legislature. The Act established the Board of Governors and the Senate of the University and conferred upon Trent the full and traditional powers and responsibilities of a University.

On July 1, 1963, a number of officers of the University assumed full-time duties during a planning year, under the leadership of the first President and Vice-Chancellor, T. H. B. Symons.



#### FOUNDING FUND

Early in 1963, the University launched an appeal for \$1,520,000, to assist in the first five-year capital and operating programme. The Trent University Founding Fund was generously oversubscribed at both the local and national levels.

#### SITE AND BUILDINGS

The University site is a rolling, wooded property of several hundred acres located on both sides of the Otonabee River about three miles north of Peterborough. The core of the site was the gift of the Canadian General Electric Company, and additional land has been acquired to meet the needs of the University. The campus is an area of outstanding beauty, providing the environment in which to create a University of special character and good standards.

The Master Planning Architect, Mr. Ronald J. Thom of Vancouver and Toronto, is presently engaged in creating a Development Plan for the University which will provide a number of colleges, a library, science laboratories, and other facilities for a University community of more than 3,500 students and academic staff. The first buildings on the site are scheduled to open in 1966, and by 1968 the preliminary plan calls for the completion of two residential colleges, the University library, and the first science building.

In its first years, the University occupies premises within the City of Peterborough. The main University building contains an attractive library and reading room, lecture and tutorial rooms, science laboratories, senior and junior common rooms, faculty and administrative offices, and a cafeteria where light meals are served. Two residential colleges are also located in the City, offering residential accommodation for men and women, and dining and common room facilities for their members.

#### THE ACADEMIC PROGRAMME

Trent University offers a three-year programme of studies leading to the degree of Bachelor of Arts or Bachelor of Science in a wide range of subjects. The degree programme is designed to be flexible so that the particular needs and interests of individual students may be satisfied.

Undergraduates in their second and third years will choose one or two subjects to study in relative depth.

Undergraduates will enjoy the close attention of the faculty, since studies will centre on the tutorial and the seminar. Lectures will be ancillary, and will be designed to guide, to clarify, and to emphasize, rather than to cover prescribed material in detail. Throughout the programme, undergraduates will be required to do considerable academic work outside the regular terms.

Four-year honours programmes will be introduced in a number of



subjects early in the life of the University. The University anticipates that when honours programmes are introduced, students of sufficient academic standing at the end of their three-year ordinary degree programmes will be able to complete their honours degrees by one further year of study.

#### AIMS

Trent University aims to be a community of scholars. In spite of the complexities of the modern University—the need for narrow special fields of enquiry, and for complex scientific facilities—the University believes that this simple ideal remains relevant.

The University intends to ensure, through the tutorial and seminar system of teaching, that each student is encouraged to advance at his own pace in his fields of major interest. The University will insist upon a good level of scholarship, and upon some continuous application to study throughout the year. The University will build and grow on a residential collegiate system, because it believes that the full values of a liberal education can best be realized through the corporate life of residential colleges.





# The Board of Governors



*Chairman*

Charles K. Fraser, B.SC., P.ENG.

*President and Vice-Chancellor*

Thomas H. B. Symons, B.A.(Toronto), M.A.(Oxon.)

Thomas J. Bata

Rev. John F. Coughlan, B.A.

Norman J. Crook, D.F.C., B.A.

John J. Robinette, Q.C., D.C.L., LL.D.

Hugh F. Waddell, B.A.

Walter G. Ward, B.SC., P.ENG.

W. Donaldson Whyte, M.D., F.R.C.S.(Edinburgh)

*Secretary*

J. F. Brook

*Chairman of the Property Committee*

S. R. Adamson, C.G.A.

# Universities Liaison Committee



J. M. Blackburn, B.SC., PH.D.

Professor of Psychology  
and Head of the Department  
Queen's University

Frank Stiling, M.A., PH.D.

Dean Emeritus  
of the Faculty of Arts and Science  
University of Western Ontario

M. St. A. Woodside, M.A., LL.D.

Vice-President (Academic)  
University of Toronto



# Officers of the University



*The President and Vice-Chancellor*

T. H. B. Symons, B.A.(Toronto), M.A.(Oxon.)

*Assistant to the President*

S. G. D. Smith, B.A.(McGill), M.A., B.LITT.(Oxon.)

*Bursar and Secretary of the Board of Governors*

J. F. Brook

*Librarian*

J. D. P. Martin, B.A.(Queen's), B.L.S.(McGill)

*Consultant on Canadiana to the Librarian*

E. C. Guillet, B.A.(Toronto), M.A.(McMaster), LL.D.(Queen's)

*Registrar*

J. S. Pettigrew, M.A.(Toronto), M.A.(Cantab.)

*Dean of Residence and Dean of Men*

R. H. Sadleir, B.A.(Toronto), M.A.(Cantab.)

*Dean of Women*

Miss M. G. Fry, M.A.(Dalhousie), B.LITT.(Oxon.)

*Superintendent of Buildings and Grounds*

J. Anderson



# Faculty of the University



## VISITING PROFESSORS

C. A. Ashley, B.COM. (Birmingham), F.C.A. Professor Emeritus of Commerce and Past Chairman of the Department of Political Economy, University of Toronto.

J. A. MacFarlane, O.B.E., E.D., B.A. (Saskatchewan), M.B. (Toronto), LL.D. (Saskatchewan), M.D. (Hon., Laval), DOCT. (Hon., Brazil), F.R.C.S. (Edinburgh, England, Canada). Dean of the Faculty of Medicine, University of Toronto, 1946 to 1961.

## BIOCHEMISTRY

S. A. Brown, B.S.A. (Toronto), M.S., PH.D. (Michigan State)  
Associate Professor of Biochemistry

## CHEMISTRY

R. A. Stairs, B.SC. (McGill), M.SC. (Western Ontario), PH.D. (Cornell)  
Associate Professor of Chemistry

## ECONOMICS

*Appointment to be announced*

## ENGLISH

J. S. Pettigrew, M.A. (Toronto), M.A. (Cantab.)  
Assistant Professor of English

R. H. Sadleir, B.A. (Toronto), M.A. (Cantab.)  
Special Lecturer in English

## HISTORY

T. H. B. Symons, B.A. (Toronto), M.A. (Oxon.)  
Assistant Professor of History

J. D. P. Martin, B.A. (Queen's), B.L.S. (McGill)  
Special Lecturer in History

*Further appointment to be announced*

## MATHEMATICS

A. P. Guinand, B.SC. (Adelaide), D.PHIL. (Oxon.)  
Professor of Mathematics

## MODERN LANGUAGES

Mrs. Dawn L. Smith, M.A. (Oxon.)  
Special Lecturer in Modern Languages

*Further appointment to be announced*



PHILOSOPHY

Miss M. G. Fry, M.A.(Dalhousie), B.LITT.(Oxon.)  
Assistant Professor of Philosophy

E. J. Schonleber, B.A.(Toronto), M.A.(Chicago)  
Assistant Professor of Philosophy

PHYSICS

J. I. Lodge, M.A.(Queen's), PH.D.(Virginia)  
Associate Professor of Physics

POLITICS

S. G. D. Smith, B.A.(McGill), M.A., B.LITT.(Oxon.)  
Assistant Professor of Politics

PSYCHOLOGY

P. H. D. Taçon, B.A.(Toronto), PH.D.(London)  
Assistant Professor of Psychology

SOCIOLOGY

B. R. Blishen, M.A.(McGill)  
Associate Professor of Sociology

ZOOLOGY

R. L. Edwards, M.A., D.PHIL.(Oxon.)  
Associate Professor of Zoology



# Advisers to the University Planning Committees



G. E. Connell, B.A., PH.D. (Toronto),  
Associate Professor of Biochemistry, University of Toronto.  
*Chairman of the Sciences Advisory Committee.*

R. G. Ellis, B.D.S. (Adelaide), D.D.S., M.SC.D. (Toronto), F.D.S., R.C.S.,  
Dean of the Faculty of Dentistry, University of Toronto.  
*Consultant on Pre-Dental Education.*

D. G. Lochhead, B.A., B.L.S. (McGill), M.A. (Toronto),  
Librarian of Massey College, University of Toronto.  
*Consultant on Library Planning.*

D. S. Rickerd, B.A. (Queen's), M.A. (Oxon.), of Osgoode Hall,  
Barrister at Law, Registrar and Lecturer in History, York University.  
*Consultant on Academic and Administrative Arrangements.*

W. W. Small, B.COM. (Toronto), M.A. (Columbia), Comptroller and  
Secretary of the Board of Governors, York University.  
*Consultant on Administrative Arrangements.*

R. J. Thom, M.R.A.I.C.  
*Master Planning Architect.*



# General Information



## Tutorial and seminar teaching

It is the conviction of Trent University that a good University education must personally engage each undergraduate in dialogue with members of the faculty and with fellow undergraduates. Teaching in the University will therefore take the form, whenever this is appropriate, of tutorial and seminar work in small groups. The undergraduate will be required to prepare, by directed reading and essay writing, to take an active part in academic discussion in regular tutorials and seminars in each subject.

At the beginning of each academic year, each undergraduate will be assigned to a personal supervisor of studies. The supervisor will be responsible for advising the undergraduate in his choice of courses, and on his work in general throughout the academic year. In each subject, the undergraduate will be assigned to a tutor, who will be responsible for directing his reading and writing, and for leading his tutorials and seminars, in that subject. Each undergraduate will normally be expected to take part in at least one tutorial or seminar a week in each of his courses during the academic year.

Tutorials will normally involve two to five undergraduates; seminars will normally involve ten to fifteen members. In the sciences and some of the humanities, undergraduates will also do the necessary laboratory work.

Lectures will have a much less central place in the teaching programme than is common in many universities. Some lectures will be offered in most subjects to highlight aspects of the subjects or to serve as guides for more individual work. Lectures will normally be open to any undergraduates in any years that wish to attend them; they will not be restricted to persons enrolled in certain courses. After the first year, no lectures will be compulsory. Regular attendance and satisfactory participation will, however, be required in tutorials and seminars, and an undergraduate's most important work will be centred in his tutorial and seminar groups.

The tutorial and seminar system assumes that the University is a place of education rather than of instruction, and it therefore places a special responsibility on the undergraduate to discipline his own work, and to express himself frequently and well in both written and oral work.



## The academic year

Trent University considers that students of the University are committed to their work for the entire year. The academic year at Trent has, therefore, been patterned to provide for both the work and the relaxation which are necessary for fruitful study.

Undergraduates will devote a considerably larger part of the whole year to their academic studies than is at present customary. The formal academic year will be slightly longer than at most universities in Canada, but there will be more significant pauses from concentrated studies for the reading and assimilation which are vital. The tutorial method of teaching demands that a student distribute his work more evenly throughout the year than is often the case. To achieve these purposes, the academic year will be divided in a distinctive way. There will be a three-week break at Christmas, and a two-week break at the end of March. The academic year will thus be organized in three academic terms.

Undergraduates will be expected to do considerable academic work outside term, and their tutors will take particular care in guiding undergraduates' reading during these periods. A reading programme, which will not preclude summer employment, but to which the University attaches great importance, will also be assigned for the longer Summer vacation. Work done during the three vacation periods will form an integral part of each year's work and will be taken into account in determining academic standing.

The University's very attractive location in the Trent Valley makes it a superb site for a vigorous Summer programme. Arrangements may be made by students to live in residence for a six-week term, and to make use of the Library and other University facilities during this period.

*Schedule for first academic year (1964-1965) on page two.*



## The Colleges

The residential college system is at the heart of Trent University. Every undergraduate and every member of the faculty will be a member of a College, within which members will have an opportunity to live and work in a relatively small academic community within the larger University. Most formal academic work will be done in the colleges, and clubs, social and sports organizations will also be created within them. In the college communities, undergraduates may find both formal academic guidance and the fellowship of other students and faculty members.

Enrolment in each of the men's and women's colleges will normally include representation from all disciplines and all years of study, and will include both resident members and a number of members who reside at home. Non-resident members will have full use of the college facilities, and will be encouraged to take an active part in college life.

Each college will offer to its members the use of a dining room, common rooms, library, and club rooms. The first colleges will be opened in September, 1964, in large renovated houses in central Peterborough. These will form the nucleus of the collegiate system, and will include, in microcosm, all the facilities which will be contained in the larger colleges to be established on the permanent site. The first of these is scheduled to open in 1966.

The college system is designed to offer real and constant opportunities for students in one field to learn the methods of work and aims of students in other fields; and to study the relations between these fields and the ways in which specialized work may influence judgement. The isolation of subjects, frequently reflected in the physical plans of universities, can be avoided, in a University based on the college system, by bringing together within each college students and faculty from all fields of knowledge in the University.



# Scholarships, Prizes, Bursaries, and Loans

Trent University will reward scholarly achievement and promise, and will assist deserving undergraduates who would be unable to attend the University without financial help. It is Trent University's policy to award fee-paying scholarships to all undergraduates with first class standing, whether entering the University or in course, in recognition of academic excellence. The University will further endeavour to provide all scholarship holders (including those whose homes are in Peterborough) with places in residence if they wish them.

## SCHOLARSHIPS

### 1

#### *The Champlain Scholarships*

Champlain Scholarships are available for undergraduates of exceptionally high academic achievement and promise, whether entering the University or in course. The Champlain Scholarships have an annual value of \$1500 for undergraduates living in residence and of \$1000 for non-residents, and will be renewed each year at full value, so long as the holders' work is satisfactory (normally upper second class or better) to the Senate's Committee on Scholarships and Student Aid. The total possible value for scholars in the ordinary programme is thus \$4500. Holders of these scholarships will be given the title of Champlain Scholar.

Ten Champlain Scholarships are available in the academic year 1964-65. Five are open to all students. One Champlain Scholarship is available to students in each of the following categories:

- (a) a student normally resident in British Columbia, Alberta, Saskatchewan or Manitoba;
- (b) a student normally resident in Ontario;
- (c) a French-speaking Canadian;
- (d) a student normally resident in Quebec or one of the four Atlantic Provinces;
- (e) a student normally resident in another country.

Champlain Scholarships may be held in conjunction with scholarships awarded by bodies outside the University, when the conditions of such outside scholarships permit.



### *Trent University Scholarships*

Trent University Scholarships are awarded to all undergraduates entering first or higher years in the University with first class standing. (For undergraduates entering first year, first class standing is an average of 75% or over in the nine Ontario Grade 13 papers, or the equivalent, on which admission has been based.) Trent University Scholarships are of the value of \$550 for one year. Holders will be given the title of University Scholar.

Trent University Scholarships may be held in conjunction with all scholarships awarded by the University except the Champlain Scholarships and the Peterborough Examiner Scholarship, and with other scholarships when their conditions permit.

### *The Reginald R. Faryon Scholarship*

The scholarship is the gift of the Quaker Oats Company of Canada, and is named in memory of one of Trent University's most dedicated and revered founders. Of the value of \$400 a year, the scholarship may be held in conjunction with a Trent University Scholarship, and will be renewed annually at full value so long as the holder maintains standing satisfactory to the Senate's Committee on Scholarships and Student Aid (normally upper second class standing or better). The holder will be given the title of Faryon Scholar. Further Faryon Scholarships will shortly be established.

### *The Peterborough Examiner Scholarship*

The scholarship is the gift of the *Peterborough Examiner*. Of the value of \$1200 for one year, it may be awarded to an undergraduate entering first or higher years and living in residence. The holder will be given the title of Peterborough Examiner Scholar.

### *The Rufus Gibbs Scholarships*

Five scholarships, the gift of Rufus C. Gibbs, a member of a Peterborough family and now resident in Vancouver, each of the value of \$500 for one year, are available for annual award to undergraduates in all years. The scholarships will be awarded on the basis of academic standing, all-round achievement, and evidences of character. These scholarships may be held in conjunction with Trent University Scholarships. Holders will be given the title of Rufus Gibbs Scholar.



*The William Allan Newell Scholarship*

The scholarship is the gift of Judson Newell of Prescott, Ontario, and is named in honour of his father, the Chairman and Founder of the Newell Manufacturing Company Limited. This scholarship, of the value of \$550 for one year, is available to an entering undergraduate proceeding to the degree of Bachelor of Science, and may be held in conjunction with a Trent University Scholarship. The holder will be given the title of William Allan Newell Scholar.

A scholarship, the gift of an anonymous benefactor, of the value of \$500 for one year, is available to an entering undergraduate living in residence, and may be held in conjunction with a Trent University Scholarship.

*The Roscoe F. Downey Scholarships*

Two scholarships, the gift of Roscoe F. Downey of Peterborough, each of the value of \$100 for one year, are available to entering undergraduates, one from Peterborough County, and one from Victoria County. Each scholarship may be held in conjunction with a Trent University Scholarship. Holders will be given the title of Roscoe F. Downey Scholar.

A number of university scholarships (and bursaries) are awarded by bodies outside the university: a number of corporations, for instance, have special programmes for dependents of their employees. Particular attention is drawn to the Ontario Scholarships of the value of \$400 for one year, which are awarded by the Province of Ontario to Ontario students who obtain a total of 640 marks on 8 Ontario Grade 13 papers (including the two English papers); information about these scholarships and application forms for them may be obtained from school principals.

## APPLICATIONS

Application for scholarships at Trent University is made on the form of application for admission. Applicants for admission with first class standing in Ontario Grade 13, or the equivalent, should inform the Registrar of their results as soon as they are received. Applicants failing to submit the necessary certificate(s) of their standing before September 1 will be considered for scholarships only in exceptional circumstances.



## PRIZES

### *The Honourable Leslie Frost Prize in History*

This prize, the gift of the Hon. Leslie Frost, Prime Minister of Ontario from 1949 to 1962, and Member of the Legislative Assembly of Ontario for the constituency of Victoria from 1937 to 1963, is awarded annually to the leading undergraduate in the first-year course in History.

### *The Lorna Gibbons Harris Prize*

This prize, the gift of Professor Robin S. Harris, in honour of the memory of his mother, Lorna Gibbons Harris of London, Ontario, is awarded annually to the leading undergraduate in the first-year course in English Literature.

### *The Honourable George S. Henry Prize*

This prize, in honour of the Hon. George S. Henry, Prime Minister of Ontario from 1930 to 1934, and Member of the Legislative Assembly of Ontario, for the constituency of East York, from 1913 to 1943, is awarded annually to the leading undergraduate in the first-year course in Politics.

### *The Midwives' Prize*

This prize is the gift of the three members of the Universities Liaison Committee who assisted at the birth of Trent University, and who did so much to make the birth a happy one: Professor J. M. Blackburn of Queen's University, Dean Frank Stiling of the University of Western Ontario, and Vice-President M. St. A. Woodside of the University of Toronto. Professor Blackburn, Dean Stiling, and Dr. Woodside were named by the heads of their universities to act as a liaison committee between these three universities and the Founding Board of Trent University in its early years. The prize is awarded annually to the undergraduate with the highest overall standing in the first year.

### *The Victor T. Ridley Memorial Prize*

This prize, the gift of Mrs. V. T. Ridley, in honour of the memory of her husband, Victor T. Ridley of Peterborough, is awarded annually to the leading undergraduate in the first-year course in Mathematics.

### *The Honourable Sidney Smith Prize*

This prize is named in honour of the Hon. Sidney Smith, Member of the Legislative Assembly of the United Province of Canada for the west riding of Northumberland from 1854 to 1861, Postmaster General of the United Province of Canada from 1858 to 1862, and elected Member of the Legislative Council of the United Province of Canada for the Trent division from 1861 to 1863. It is the gift of his grandson, the Hon. S. Bruce Smith, Chief Justice of Alberta, and is awarded annually to the leading undergraduate majoring in Politics and History in the second year.



## BURSARIES

Bursaries may be granted to deserving undergraduates who show that they cannot attend the University without financial assistance. Application forms are available from the Registrar.

### 1

#### *Trent University Bursaries*

The University has its own Bursary Fund from which bursaries will be awarded. Preference will be given to undergraduates with second class standing or better.

### 2

#### *Admission Bursaries of the Atkinson Charitable Foundation*

First-year students with an average of at least 66% in eight papers of the Ontario Grade 13 examinations are eligible. Candidates must be Ontario residents and be sponsored by their high school principals, through whom application should be made before May 1st. The bursaries have a value of \$400 for undergraduates living away from home and of \$200 for undergraduates living within easy access of the University. Candidates receiving more than \$500 in financial aid from other sources are not eligible for these bursaries.

### 3

#### *"In Course" Bursaries of the Atkinson Charitable Foundation*

These bursaries may be awarded to meritorious Ontario undergraduates in second and higher years. Information and application forms are available from the Registrar.

### 4

#### *Ontario Student-Aid Bursaries and Dominion-Provincial Student-Aid Bursaries, Type A*

These awards, for students entering first year, are given by the Provincial and Dominion governments. They have maximum values of \$250 for students attending a university in the community in which they reside, and \$500 for other students. Applicants must be Ontario residents and have an average of at least 66% in eight Ontario Grade 13 papers including the two English papers. Application is made through the student's school principal before May 31.

### 5

#### *Ontario Student-Aid Bursaries and Dominion-Provincial Student-Aid Bursaries, Type B*

These awards, for students entering second and higher years, are given by the Provincial and Dominion Governments. They have maximum values of \$250 for students attending a university in the community in which they reside, and \$500 for other students. Applicants must be Ontario residents and have obtained at least second class standing in the



University. Application is made through the Registrar at the beginning of the academic year for which bursary assistance is wanted.

6

*The Philip Black Award*

The award is the gift of Isadore and Morris Black of Peterborough in honour of the memory of their father, Philip Black, the first Rabbi in Peterborough, and is of the value of \$50.

7

*The Reginald R. Faryon Bursary*

The award is the gift of the Peterborough Branch of B'nai B'rith in honour of the memory of Reginald R. Faryon, and is of the value of \$50.

LOANS

1

*Trent University Loans*

The University has its own Loan Fund from which loans will be awarded. Applicants for Trent University Loans must have satisfactory standing and show they would be unable to continue their studies without financial aid. Application is made through the Registrar.

2

*Ontario Student-Aid Loans*

These loans have a maximum value of \$500 for one year. Information and application forms are available from the Registrar.

3

Some Canadian banks offer loan plans designed to finance a university education. Further information is available from the Registrar.

## Library

The present University building contains an attractive library, with reference, reading, and stacks areas. A collection of several thousand volumes, designed to meet the needs of the University's first undergraduates, will be rapidly expanded, and the permanent University Library will be among the first buildings constructed on the site. The Trent University Library is approved by the Federal Government as a selective depository for Canadian Government documents, and is participating actively in the Ontario New Universities Library Project, a project designed to assist some new universities and colleges in Ontario in acquiring quickly core collections of about 35,000 volumes, which will serve as the foundation for their growth.



# Academic Programme



## ORDINARY PROGRAMME

The University's Faculty of Arts and Science offers ordinary programmes leading in three years to the degrees of Bachelor of Arts and Bachelor of Science at the ordinary level. (In the academic year 1964-65, courses in a wide range of subjects will be offered only in the first year of the programme. Courses will first be offered in the second and third years of the programme in 1965-66 and 1966-67 respectively, and a number of further subjects will be introduced.)

The academic programme has been designed to permit and encourage considerable flexibility in the choice of subjects, courses, and types of programme. Each undergraduate, in selecting his particular programme, will consult with his Supervisor of Studies, who will ensure that it involves a coherent and integrated choice of courses. The programme must be approved by the Supervisor and the Senate.

Undergraduates will study five courses in each academic year. In the first year of the three-year programme, undergraduates will register in five courses in five subjects. In the second and third years, undergraduates may choose to pursue a fairly broad single-major programme, or a fairly specialized joint-major programme.

### 1

#### *Single-major programme*

This programme is designed for the undergraduate who wishes a broad general education, with concentrated work in a single subject to provide a focal point of study. In the second year, a single-major programme will consist of two courses in one subject (the "major" subject), and three courses in three other subjects (the "minor" subjects). In the third year, a single-major programme will consist of two or three courses in the major subject, and three or two courses in minor subjects. Thus, of the fifteen courses in the degree programme, five or six will be in the major subject.

### 2

#### *Joint-major programme*

This programme is designed for the undergraduate who wishes a fairly specialized education in two subjects. In the second year, a joint-major programme will consist of two courses in each of two subjects (the "major" subjects), and a fifth course in a minor subject. In the third year, a joint-major programme will consist of two courses in each major subject, and a fifth course in either a minor or a major subject. Thus, of the fifteen courses in the degree programme, five or six will be in each of the major subjects.



## 3

*Minor subjects*

While the major subject(s) must be studied throughout the three years of the programme, minor subjects need not necessarily be continued from year to year. Courses in minor subjects in second and third years need not necessarily be chosen from courses primarily prescribed for second and third year respectively.

## 4

*Bachelor of Science programme*

Undergraduates proceeding to the degree of Bachelor of Science will normally be required to take at least eleven courses (of the total of fifteen required for the degree) in Science and/or Mathematics.

## 5

*Composition Course*

All undergraduates will be expected to write with clarity and precision, presenting their views and findings with the lucidity and apparent ease that comes only with a disciplined knowledge of words, usage, grammar, and scholarly form. All first-year undergraduates will take a course designed to improve standards of composition and to introduce them to scholarly procedures and forms. Topics of discussion will include: style, organization, and mechanics in the formal essay and report; study techniques; the use of a library; the use of basic reference works; the preparation of a bibliography; the preparation of a formal essay; etc.

## 6

*Special courses*

The University is considering the introduction of a number of non-credit, seminar courses designed to help undergraduates to broaden the range of their interests and knowledge. If introduced, these courses will involve no examinations and no formal written work.

## 7

*Vacation reading and study*

The value of the academic programme depends to a very considerable extent on reading and study done during the vacations in December, March, and, especially, during the summer. The academic staff will carefully supervise this reading and study, which will be considered an integral part of every course.



#### HONOURS PROGRAMME

Honours programmes will be introduced as the University expands and develops. It is anticipated that the first honours programmes will be introduced in 1966-67. They will lead in four years to the degrees of Bachelor of Arts and Bachelor of Science at the honours level.

The University anticipates that some students of sufficiently high standing in the three-year ordinary programme will be permitted to seek an honours degree through one further year of study in the University.

#### OTHER PROGRAMMES

Graduate courses and extension courses will be introduced in the University's early years.

Further information about the University's plans for graduate study and extension courses will be announced as these programmes are developed.

## Courses of Study

### 1

The subjects listed below are those offered in the academic year, 1964-65. Further subjects will be offered in succeeding years.

### 2

Courses listed for the second and third years will first be offered in 1965-66 and 1966-67 respectively.

### 3

Courses normally taken in first year are numbered 10, 11, etc. Courses normally taken in second year are numbered 20, 21, etc. Courses normally taken in third year are numbered 30, 31, etc.

### 4

Each undergraduate will choose the courses constituting his programme in consultation with his supervisor of studies.

### 5

In every subject, permission to enrol in second- and third-year courses will depend upon satisfactory completion of the summer-reading programme.

### 6

The University reserves the traditional right to make such changes in courses as it deems desirable and necessary.



## BIOLOGY

Biology 10 is a prerequisite for all other courses. Each course will involve three hours a week of laboratory work in addition to lecture, tutorial and seminar hours.

Undergraduates studying Biology as a major subject may choose a single-major programme in Biology, or a joint-major programme in Biology and a second subject, the combination to be approved by the undergraduate's supervisor of studies.

### *Biology 10*

General biology. A presentation of principles of biology with discussion of both animals and plants.

### *Biology 20*

Vertebrate zoology. Principles of the structure and development of the vertebrates.

### *Biology 21*

The plant kingdom. Anatomy and phylogeny of plants.

### *Biology 22*

Invertebrate zoology. Systematics and ecology of invertebrate animals.

### *Biology 30*

General physiology. Functions of cells, tissues and organs of animals and plants.

### *Biology 31*

General ecology. Systematics of plants and animals and the relation of organisms to their environment.

### *Biology 32*

Genetics. The principles and methods of genetics with special attention to cytological aspects.

## CHEMISTRY

Chemistry 10 is a prerequisite for all other courses in Chemistry, and in Biochemistry. (Upper year courses in Biochemistry will be introduced in 1965 or 1966). Each course will involve three hours a week of laboratory work in addition to lecture, tutorial and seminar hours. Undergraduates studying Chemistry as a major subject may choose a single-major programme in Chemistry, or a joint-major programme in Chemistry and a second subject, the combination to be approved by the undergraduate's supervisor of studies.

### *Chemistry 10*

General Chemistry. An introductory course in physical and inorganic chemistry. Atoms, molecules, crystals, chemical binding, ions, electrolysis, reaction rate, equilibrium, descriptive chemistry.



#### *Chemistry 20*

Elementary Physical Chemistry. Kinetic theory of gases, thermodynamics, phase equilibria, electrochemistry, chemical kinetics.

#### *Chemistry 21*

Elementary Organic Chemistry. Molecular weight, molecular structure, stereochemistry, aliphatic and aromatic hydrocarbons, alcohols, ethers, ketones, organic acids, amines, proteins, and polymers.

#### *Chemistry 30*

Physical Chemistry. Quantum chemistry, statistical mechanics, and theory of reaction rates.

#### *Chemistry 31*

Organic Chemistry. A study of aliphatic, aromatic, and heterocyclic compounds, with stress on modern methods and concepts in stereochemistry, reaction mechanisms, and physical properties.

#### *Chemistry 32*

Inorganic Chemistry. Atomic structure and its relation to chemical properties of the element, valence theory, stereochemistry of inorganic compounds, co-ordination compounds, redox potentials.

### ECONOMICS

The University will offer an introductory course in Economics in the first academic year, and further courses in subsequent years. Undergraduates will have the opportunity to major in Economics, or in Economics and a second subject from the beginning.

Details of course prescriptions and additional information about Economics will be available shortly.

### ENGLISH LITERATURE

Undergraduates who major in English must include English 10, 20, 21, 30 and 31, among their five or six major courses. In all English courses, some works and authors will be prescribed for intensive study and others for extensive study. All courses will involve a variety of critical approaches to the works studied: works will be considered within themselves, but also within their literary and historical contexts. All undergraduates must own a reputable dictionary and a recommended composition handbook.

Undergraduates studying English Literature as a major subject may choose a single-major programme in English, or a joint-major programme in English and another subject.



### *English 10*

American Literature: Franklin to the present. A study of major works within their literary and historical contexts. Considerable attention will be devoted to the works studied as representative of various genres and philosophies of literature.

### *English 20*

English Literature: Chaucer to Johnson. A study of major works within their literary and historical contexts. Prerequisite: English 10, or permission of the academic staff.

### *English 21*

The course is offered only to undergraduates majoring in English, and aims to give them an opportunity to increase their understanding of the period, authors, and works studied concurrently in English 20. The course will involve further study of works by authors prescribed in English 20, and also study of works by other authors.

### *English 30*

English Literature: The Romantics to the present. A study of major works within their literary and historical contexts. Prerequisite: English 10 and English 20, or permission of the academic staff.

### *English 31*

The course aims to give undergraduates majoring in English an opportunity to increase their understanding of the period, authors, and works studied concurrently in English 30. The course will involve further study of works by authors prescribed in English 30, and also study of works by other authors.

### *English 32*

A course normally available only to undergraduates majoring in English who wish, with the approval of the academic staff, to study a third English course in their third year. No formal lectures will be given. Each undergraduate enrolling in the course will consult with his tutors and supervisor of studies on a particular author, period or field he wishes to study in detail, and will meet frequently with his tutor to discuss his reading and his assignments.

## HISTORY

Undergraduates studying History as a major subject may choose one of the following programmes:

(a) A single-major programme in History, with some work in related disciplines such as Economics, English, Modern Languages, Philosophy, Politics, and Sociology; or (b) A joint-major programme in History and another subject, the combination to be chosen in consultation with the undergraduate's supervisor of studies.



### History 10

Canadian History: an introduction. The course will examine the history of Canada up to the present day. In the second and third terms, some special seminars will be devoted to the study of major Canadian problems such as Canadian-American relations, the nature of regionalism in Canada, the position of French Canada; and to the study of local history, with particular reference to the Trent Valley and Ontario.

Further courses, both for those majoring in History and others, will be offered in the second and third years. The details of these courses will be announced as prescriptions are available.

### MATHEMATICS

Mathematics 10 is a prerequisite for all other courses. Undergraduates must include Mathematics 10, 20, and 30, among their five or six major courses. Undergraduates studying Mathematics as a major subject may choose one of the following programmes:

(a) A single-major programme in Mathematics, with some work in related disciplines, such as Physics, Chemistry, Biology, Philosophy, and Economics; or (b) A joint-major programme in Mathematics and a second subject, the combination to be approved by the undergraduate's supervisor of studies. The following possible combinations are especially recommended:

Mathematics and Physics  
Mathematics and Chemistry  
Mathematics and Biology  
Mathematics and Philosophy  
Mathematics and Economics.

### Mathematics 10

General mathematics. The course consists of two parts, given concurrently: (i) Introduction to differential and integral calculus, with applications to rates of change, maxima and minima, areas, and volumes. Separable differential equations; (ii) Topics from limits, series, plane coordinate geometry, and advanced plane trigonometry. Definition of a group with simple illustrations. Text: C. J. Tranter, *Advanced Level Pure Mathematics*. For reference: S. J. Loney, *Elements of Co-ordinate Geometry*; E. W. Hobson, *Treatise on Plane Trigonometry*.

### Mathematics 20

General Mathematics. This course is a continuation of Mathematics 10, and includes partial differentiation, multiple integrals, differential equations, elementary properties of complex variables, a formal treatment of



Fourier series, determinants, and the co-ordinate geometry of lines, planes and spheres in three dimensions. Text: C. J. Tranter, *Techniques of Mathematical Analysis*.

*Mathematics 21*

Applied Mathematics. Elementary statics and dynamics of particles and rigid bodies. Hydrostatics.

*Mathematics 22*

Numerical mathematics and probability. Solution of equations by numerical methods. Iterative methods. Finite differences and interpolation. Least squares. Probability distributions. Correlation. Elements of computer programming.

*Mathematics 30*

Theory of functions. This course is a continuation of Mathematics 20, and includes a more rigorous treatment of the foundations of analysis, conditions for the convergence of Fourier series, Fourier integrals, functions of a complex variable, Cauchy's theorem, residues, and the Gamma function.

*Mathematics 31*

Applied Mathematics. General theories of classical mechanics. Lagrange's and Hamilton's equations. Variational principles. Some attention to foundations of quantum mechanics and special relativity.

Prerequisites: Mathematics 20 and 21.

### MODERN LANGUAGES: FRENCH

Undergraduates who wish to study French must have as a prerequisite Ontario Grade 13 French or its equivalent.

Those who wish to major in French may choose a single-major programme in French, or a joint-major programme in Modern Languages, or in French and a second subject, the combination to be approved by undergraduates' supervisors of studies.

*French 10*

This course, for undergraduates who intend to study French for two years but not as a major subject, will consist of grammar review, oral work, and a study of certain representative texts, probably including works by Molière, Beaumarchais, Voltaire, Balzac, Stendhal, Anouilh.

*French 11*

This course, also for entering undergraduates, is intended for those who propose to study French for three years or as a major subject. It will consist of composition, oral work, and a study of the literary scene in the first part of the 19th century: the French Romantics and their successors.

Both courses will require regular language laboratory practice as well as



classroom work. Emphasis will be placed upon increasing the undergraduate's ability to write and speak the language, as well as upon developing his awareness of French civilization. Courses to be offered in the second and third years will be announced as prescriptions are available.

### MODERN LANGUAGES: SPANISH

There is no prerequisite required to begin the study of Spanish, but in view of the intensive language study which will be required, some previous study of French, Italian, or Latin is strongly urged.

Major courses in Spanish will probably be available from the beginning. Undergraduates who wish to major in Spanish may choose a joint-major programme in Modern Languages, or in Spanish and another subject, the combination to be approved by undergraduates' supervisors of studies.

#### *Spanish 10*

Beginners' course in Spanish. This course will consist of an introduction to grammar and reading, and practice in oral Spanish. Texts will include a grammar and two readers, one based on the background of Spanish life, the other presenting simplified stories by contemporary authors.

#### *Spanish 11*

Introductory course, for undergraduates with Grade 13 standing, or equivalent, in Spanish. The course will involve practice in composition and oral work, and a study of texts selected from contemporary literature. These will include an anthology of Spanish-American stories, a Spanish play and a short Spanish novel.

Both courses will require regular language laboratory practice. The oral aspect of Spanish will be stressed from the outset, and individual oral examinations will be considered in determining final standing.

Undergraduates in the beginners' course must be prepared to work intensively to equip themselves for courses in the second year which will be conducted at a level comparable to that of the French programme. All undergraduates will be assisted in acquiring facility in reading Spanish to prepare them for the study of original texts in the upper years.

Courses in second and third years will be announced as prescriptions are worked out. In general, these courses will involve Spanish composition and conversation at an increasingly advanced level, the study of significant literary periods in Spain and Spanish America, and more detailed analysis of certain authors from both regions.



## PHILOSOPHY

Philosophy 10 is a normal prerequisite for all other courses in Philosophy; courses in second and third years are otherwise without prerequisite. With the approval of his supervisor of studies, and subject to other regulations, an undergraduate may, in any year of his programme, register for any course in Philosophy. Undergraduates studying Philosophy as a major subject may choose a single-major programme in Philosophy, or a joint-major programme in Philosophy and any other subject.

### *Philosophy 10*

Enquiry and Philosophy. An introductory analysis of the nature, modes and methods of enquiry, with special attention to the relevance and value of philosophy as a mode of enquiry through the study of classical problems in their textual setting.

### *Philosophy 20*

Logic and Knowledge.

### *Philosophy 21*

Ancient and Mediaeval Philosophy.

### *Philosophy 22*

Ethics and Value Theory.

### *Philosophy 23*

Research Tutorial. Intended to encourage and develop special philosophical interests, research tutorials are available on the recommendation of the undergraduate's supervisor of studies in consultation with the academic staff in Philosophy.

### *Philosophy 30*

Metaphysics and the Quest for *Weltanschauung*.

### *Philosophy 31*

Modern Philosophy.

### *Philosophy 32*

Social and Political Philosophy.

### *Philosophy 33*

Research Tutorial. Intended to encourage and develop special philosophical interests, research tutorials are available on the recommendation of the undergraduate's supervisor of studies in consultation with the academic staff in Philosophy.

## PHYSICS

Physics 10 is a prerequisite for all other courses. Each course, unless otherwise indicated, will involve two hours a week of laboratory work in addition to lecture, tutorial, and seminar hours.

Undergraduates studying Physics as a major subject may choose a single-major programme in Physics, or a joint-major programme in



Physics and a second subject, the combination to be approved by the undergraduate's supervisor of studies.

#### *Physics 10*

Elementary Physics. Particle dynamics, translational and rotational; relativity; kinetic theory of heat; radiation laws; physical optics; quantum physics; Bohr theory of atomic structure; wave nature of matter; elementary theory of solids; electricity (DC).

#### *Physics 20*

Elementary Physics. Electricity (AC); magnetism; rigid body dynamics; properties of matter, treated both macroscopically and microscopically; thermodynamics; acoustics; theory of optical instruments.

#### *Physics 21*

Electronics and Electromagnetics. Radio tubes; thermionic emission; transistors; amplification; rectification; oscillation; electromagnetic radiation.

#### *Physics 30*

Physics of Solids and Fluids. The theory of solids and fluids from the standpoint of classical physics and of the quantum theory. (No laboratories.)

#### *Physics 31*

Radiation Physics. The theory, practice and application of various types of radiation, including radar, microwave, infrared, optical, ultraviolet, x-ray, gamma ray, and with consideration of electron and neutron scattering, reflection and diffraction techniques. (3 hours a week laboratory.)

### POLITICS

Undergraduates who major in Politics must include Politics 10, 20, and 30, among their five or six major courses. Undergraduates studying Politics as a major subject may choose one of the following degree patterns: (a) A single-major programme in Politics, with some work in related disciplines, the most important of which are: Economics, History, Philosophy, and Sociology; or (b) A joint-major programme in Politics and a second subject, the combination to be approved by the undergraduate's supervisor of studies. The following possible combinations are recommended:

- Politics and Economics
- Politics and English
- Politics and History
- Politics and Philosophy
- Politics and Psychology
- Politics and Sociology.



*Politics 10*

An introduction to the study of politics, designed to acquaint undergraduates with the general framework of political institutions and thought. Emphasis will be given to Canadian government and politics, and to a selected range of works of political theory.

*Politics 20*

Political thought from Greece to the Renaissance.  
Prerequisite: Politics 10 or permission of the instructor.

*Politics 21*

American government and politics.

*Politics 22*

International relations and diplomacy, 1815 to 1914.

*Politics 30*

Political thought from the Renaissance. Prerequisite: Politics 20.

*Politics 31*

Special topics in political thought. This course, open only to undergraduates majoring in Politics, is designed to provide an opportunity for more intensive study of a certain period or authors studied concurrently in Politics 30. Undergraduates enrolled in the course will work out with their tutors and supervisors the particular authors, periods or fields they wish to study in detail.

Prerequisite: Politics 20, Politics 30 (concurrent).

*Politics 32*

British government and politics; comparative study of other parliamentary systems.

Prerequisite: Politics 10 or permission of the instructor.

*Politics 33*

Soviet and East European government and politics.

Prerequisite: Politics 10 or permission of the instructor.

*Politics 34*

International relations and diplomacy, 1914 to the present.

Prerequisite: Politics 22 or permission of the instructor.

*Politics 35*

International political institutions.

Prerequisite: Politics 22, Politics 34 (concurrent).

## PSYCHOLOGY

Undergraduates who major in Psychology must include Psychology 10, 20, and 30, among their five or six major courses. Undergraduates studying Psychology as a major subject may choose a single-major programme in Psychology, or a joint-major programme in Psychology and another subject, the combination to be approved by the undergraduate's supervisor of studies.



### *Psychology 10*

Introductory Psychology. A comprehensive survey of the field of psychology with emphasis on the scientific approach to the study of behaviour. Areas covered include: development, motivation, learning, intelligence, personality, the abnormal personality, perception, measurement, and social behaviour. Text: C. T. Morgan, *Introduction to Psychology* (2nd edition).

### *Psychology 20*

History of Psychology. A comprehensive coverage of the history of psychological thought tracing its development from both its philosophical and physiological (and biological) origins. The latter half of the course will be concerned primarily with present-day systems and their origins.

### *Psychology 21*

Personality and Personality Disorders. The theories of personality of Freud, Adler, Jung, Horney, Sullivan, Lewin, Allport, Murray and Rogers will be discussed during the first term. Undergraduates are expected to make themselves familiar with at least one major work of each author. During the second term the aetiology, diagnosis, methods of treatment, prognosis and prophylaxis of mental disorders will be discussed.

### *Psychology 30*

Experimental Psychology. The course will involve some laboratory work.

### *Psychology 31*

Comparative and Physiological Psychology. The course will involve some laboratory work.

### *Psychology 32*

Social Psychology.

### *Psychology 33*

Child and Developmental Psychology.

### *Psychology 34*

Statistics and Research Design. The course will involve some laboratory work.

## SOCIOLOGY

Undergraduates who major in Sociology must include Sociology 10, 20 and 30, among their five or six major courses. Undergraduates studying Sociology as a major subject may choose one of the following programmes: (a) A single-major programme in Sociology, with some work in related disciplines, the most important of which are: Economics, History, Politics, and Psychology; or (b) A joint-major program-



me in Sociology and a second subject, the combination to be approved by the undergraduate's supervisor of studies. The following possible combinations are recommended:

Sociology and Politics  
Sociology and Economics  
Sociology and History  
Sociology and Psychology.

*Sociology 10*

Introduction to Sociology. An introduction to the basic principles and concepts of sociological study. An examination of the elements of social structure and of social behaviour—social relations, social groups, cultural norms and values, and institutions—against the background of both simple and complex societies.

*Sociology 20*

Social Stratification. Research and theory relating to the relationships among political, economic and social power including the theories of Marx, Weber, Pareto and Mosca. Discussion of the criteria of social class, social class and behaviour, and social mobility.

Prerequisite: Sociology 10 or permission of the instructor.

*Sociology 21*

Canadian Society. The institutional framework of Canadian Society compared with that of other modern, urban, industrial societies.

Prerequisite: Sociology 10 or permission of the instructor.

*Sociology 30*

Sociological Theory. The history of sociological theory, with special reference to the contributions of Marx, Durkheim, Pareto, Weber and Parsons. Prerequisite: Sociology 10.

*Sociology 31*

Social Change. A discussion of the problem of order in social systems and of the conditions which make for change. Demographic, economic, technological and socio-cultural factors will be considered with particular reference to Canadian data.

Prerequisite: Sociology 10 or permission of the instructor.

*Sociology 32*

Social Research. Seminars and exercises dealing with the techniques of social research. During the course the undergraduate will apply these techniques to some specific research project of his own.

Prerequisite: Sociology 10 or permission of the instructor.



# Admission and Registration



## ADMISSION REQUIREMENTS

### 1

#### *Normal requirement*

To be considered for admission, a candidate must normally have, or expect shortly to have, Ontario Grade 13 standing, or its equivalent, in 9 of the papers specified below, with an average of at least 60%. (Ontario is considering introducing single examinations in some subjects where two papers have traditionally been set: such single examinations will be regarded as two papers in assessing the average mark and in meeting the requirement of nine papers). The nine papers must include English Composition and English Literature. Standing in two papers in another language, though not an absolute requirement, is strongly recommended. Prospective university students are also advised to consider their programme of study in Grade 13 (or equivalent) in the light of the programme they wish to follow in the University.

The nine papers offered by a candidate for admission must include the two English papers, and seven other papers chosen from the following: French (2 papers), German (2 papers), Italian (2 papers), Russian (2 papers), Spanish (2 papers), Latin (2 papers), Greek (2 papers), History, Geography, Algebra, Geometry, Trigonometry and Statics, Physics, Chemistry, Botany, Zoology, Art, Music (standing with the Royal Conservatory of Music in Grade 8 Practical and Grade 2 Theory, or in Grade 4 Theory, is acceptable as an equivalent to Ontario Grade 13 standing in Music, but marks awarded by the Conservatory will not be counted in the average overall standing).

*Possession of the minimum requirements qualifies a student for consideration for admission; it does not guarantee admission.*

### 2

#### *Equivalents to Ontario Grade 13*

The following certificates are usually acceptable as equivalent to Ontario Grade 13:

Alberta *Grade 12*

British Columbia *Grade 13*

Manitoba *Grade 12*

New Brunswick *Grade 13*

Newfoundland *First year, Memorial University*

Nova Scotia *Grade 12*

Prince Edward Island *Third year Certificate from Prince of Wales College*



Quebec *McGill Senior Matriculation. Senior High School Leaving Certificate*  
Saskatchewan *Grade 12*

England and Wales, West Indies, East and West Africa, Hong Kong  
*General Certificate of Education (or University of Hong Kong Matriculation Certificate)*, with (a) passes in at least five subjects, two of which must be at *Advanced Level*; or (b) passes in four subjects of which three must be at *Advanced Level*

Scotland *The Scottish Leaving Certificate*

U.S.A. *First year University credits ( a minimum of 30 semester hours) from accredited institutions.*

Students from areas other than those listed above should submit full details and available certificates to the Registrar for evaluation.

### 3

#### *Exceptions to Normal Requirements*

The University is prepared to consider applications from the following:

- (a) Candidates with standing in 8 papers of Ontario Grade 13, or equivalent, with an average of at least 66%;
- (b) Candidates who, while failing to meet the regular requirements, can satisfy the University that they are likely to be successful in their university work. Such candidates will normally be considered for admission only if exceptional abilities or circumstances are involved, and should attach to their application a letter giving details that might be helpful to the Admissions Committee;
- (c) Candidates, at least 25 years old on January 1st of the year for which they make application, whose academic record shows no major weaknesses, and whose maturity may well compensate for deficiencies in the formal requirements. Such candidates should attach to their application a letter giving details that might be helpful to the Admissions Committee.

### 4

#### *Special Requirements*

- (a) Candidates wishing to proceed to the degree of Bachelor of Science must have Ontario Grade 13, or equivalent, standing in Algebra, Geometry, Trigonometry and Statics, and in two Sciences (Physics, Chemistry, Botany, Zoology).
- (b) Candidates wishing to study French, German or Latin at the University should have Ontario Grade 13, or equivalent, standing in that language.
- (c) Candidates from areas where English is not a common language will be required to provide evidence of a knowledge of English sufficient to enable them to profit from their university studies.
- (d) Candidates who propose to proceed to another university for studies in Medicine or Dentistry should consult this calendar's section on "Pre-professional Programmes" for details about the entrance requirements for Ontario Faculties of Medicine and Dentistry.



5

*Admission with Advanced Standing*

Since, in the academic year 1964-65, only first-year courses will be offered, no students will be admitted with advanced standing in 1964. In subsequent years, applications for admission with advanced standing will be considered on their merits.

6

*Debarment*

No student will be admitted who has failed twice to obtain a year's standing at this or any other university.

ADMISSION PROCEDURES

1

Candidates for admission should apply to the Registrar for application forms. These should be returned to the Registrar as early as possible. The University will grant provisional admission to some candidates, final admission being contingent upon their attaining certain standards in the Ontario Grade 13, or equivalent, examinations. The standards demanded of those provisionally admitted will be specified in the letter granting provisional admission. In some cases, a candidate for admission will be asked to attend an interview.

2

All candidates for admission must submit, as soon as available, their Ontario Grade 13, or equivalent, certificate(s), or a certified copy of the same, showing their standing in each subject.

3

Each candidate for admission will receive a health report form from the University. This form should be completed by the candidate's regular physician, and submitted to the Registrar before the beginning of the academic year.

4

Each candidate for admission will be notified of the University's decision as early as possible.

REGISTRATION

Undergraduates who have been notified of their admission to the University will register in person during the Introductory Seminar (September 16-19, 1964). A fee of \$10 will be charged to undergraduates who register late. Registration and enrolment is not complete until an undergraduate has: (1) been advised of his admission by the University; (2) paid at least the first instalment of his fees; (3) registered in person with the Registrar; (4) enrolled in his various courses of study.



# Pre-professional Programmes



The University believes that there is considerable merit in studying at one university before proceeding to professional study in another. The curriculum has therefore been planned to offer attractive courses, which meet the academic requirements of Ontario's professional Faculties, for students proposing to proceed to another university for professional studies.

The academic requirements for admission to some professional Faculties are summarized below:

## DENTISTRY

At the present time there is only one Faculty of Dentistry in Ontario, that of the University of Toronto. All applicants for admission to this Faculty must meet two requirements:

1

standing in Ontario Grade 13, or equivalent, with an average of at least 60% in nine papers which provide good background for the subjects specified below;

2

clear standing in a first-year university programme beyond the Grade 13 level (such as the first-year ordinary programme at Trent University), with standing in English, Physics, Chemistry and Zoology.

Possession of these requirements renders a candidate eligible for selection; it does not guarantee admission. Prospective students of Dentistry are advised to consult very carefully the calendar of the Faculty of Dentistry in the University of Toronto or other Canadian universities in which they are interested.

## LAW

For admission to study of the Law, two years of university study beyond the Grade 13 level are required.

## MEDICINE

The Faculties of Medicine at Queen's University, the University of Toronto, and the University of Western Ontario, require all candidates for admission to have completed either two-year pre-medical courses which they offer, or three years of study, with courses appropriate for prospective medical students, at another recognized university. So that students may take full advantage of the science courses at Trent University which will prepare them for the professional study of



medicine, they are advised to complete the secondary school programme in Mathematics (3 papers), Physics and Chemistry.

All Canadian Faculties of Medicine have many more applicants than they can admit, and possession of the entrance requirements does not guarantee admission. Prospective medical students are advised to consult very carefully the calendar of any Faculty of Medicine in which they are interested.

#### ONTARIO COLLEGE OF EDUCATION

Interim High School Assistants' Certificate, Type B: A graduate of Trent University will meet the requirements for admission to the professional course leading to the Interim High School Assistants' Certificate, Type B.

Endorsation of Certificate, Type B, is given if the candidate offers five university courses, in which he has an overall average of second class standing, above the level of Grade 13 in a subject taught in Ontario schools.

Students intending to qualify for admission to the course leading to the Interim High School Assistants' Certificate, Type B, must include in their programme at least seven courses in at least three high-school subjects.

Interim High School Assistants' Certificate, Type A: For admission to the course leading to Type A certificates in the Ontario College of Education, four years of university study beyond the Grade 13 level are required. Graduates of an ordinary-degree programme are not therefore immediately eligible for admission to the course leading to Type A certificates, but they may become eligible in a number of ways.

Further information for prospective teachers is available from the Registrar of the Ontario College of Education.



# Academic Standing



## 1

### *Assessment of Standing*

Work done during term and in the reading periods, any mid-year or other examinations, and the final examinations will be considered in determining an undergraduate's final standing in each course.

## 2

### *Grades*

The passing grades in all courses in all academic years are: first class, second class, third class, and, in minor courses only, fourth class. Undergraduates with exceptionally high first class standing will receive a grade of first class with distinction; undergraduates with very high second class standing will receive a grade of upper second class. The failing grades are E and F: in the ordinary programme an E grade may permit a supplemental examination.

In each academic year, undergraduates will be informed of their standing in each course, and of their overall standing.

## 3

### *Standing required*

For successful completion of an academic year, the following standings are required:

#### *First year*

A minimum of fourth class standing in the individual courses, and overall third class standing are normally required. Third class standing is required in the subject(s) in which an undergraduate wishes to major.

#### *Second and third years*

A minimum of fourth class standing in the minor course(s) and of third class standing in the major course(s), and overall third class standing are required.

## 4

### *Supplemental examinations*

One supplemental examination will be permitted, in first-year or minor courses only, when (i) E standing has been obtained in the course concerned, and (ii) when passing standing has been obtained in other subjects. The supplemental examination must be passed in the following August examinations; if it is not, the undergraduate will automatically fail the year. A fee of \$15 is charged for the preparation and grading of each supplemental examination. Candidates for supplemental examina-



tions must submit to the Registrar, by July 15th, a completed printed form of application, accompanied by the fee of \$15.

5

*Aegrotat standing*

Petitions for special consideration because of sickness or misfortune should be sent to the Registrar within 48 hours of the close of the examination period, together with medical certificates and other material. The University may grant aegrotat standing, or permission to write examinations in August.

6

*Unsatisfactory work*

The University may, at any time, ask any undergraduate whose work is unsatisfactory to withdraw from the University.

7

*Debarment*

An undergraduate who has twice failed to qualify for standing for a year's work, at this or another university, will be debarred from the University.

8

*External examiners*

The University hopes every year to invite faculty members of other universities to assist in the setting and grading of a number of final examinations.

9

*Appeals*

All papers assigned a failing grade and all those assigned upper second class or first class grades will be reread by another examiner. The standings of each undergraduate will be reviewed by a Committee of the Senate, before their final publication. Nevertheless, every undergraduate has the right to appeal against standing assigned on any paper regardless of whether it received pass or failing standing. A fee of \$15 will be charged for the handling of any appeal, but the fee will be refunded if a class change is made as a result of the appeal or if a paper assigned first class standing is given even higher standing.



# Fees



## 1

### *Academic Fees*

The total fee for full-time undergraduates in the academic year 1964-65 is \$550. This figure includes registration and tuition fees, and incidental fees for health service, athletics, student council and college activities.

Fees are due and payable on the day of registration; they may, however, be paid in two instalments, in which case the total is increased by \$5.00. Instalments are payable (i) on or before the day of registration (\$280), and (ii) on or before 20 January (\$275). Cheques should be made payable to Trent University, and mailed to, or paid at, the Office of the Bursar. A charge of \$3.00 per month will be imposed on overdue accounts.

Tuition fees are refundable only in special cases and at the discretion of the University. Incidental fees are not refundable.

Undergraduates applying for registration after the prescribed dates will be charged a late registration fee of \$10.00.

## 2

### *Residence Fees*

The fee for room and board for the academic year (excluding the vacation and reading periods) is \$700, payable in three instalments, if desired:

On or before the opening of the academic year . . . . .	\$240.00
On or before 20 November . . . . .	\$230.00
On or before 20 February . . . . .	\$230.00

An additional charge of \$3.00 per month will be imposed on overdue accounts.

## 3

### *Miscellaneous Fees*

Certain further fees may be charged in appropriate circumstances. They include the following:

Equivalent Certificate fee . . . . .	\$5.00
Supplemental Examination fee . . . . .	\$15.00
Fee for transcript of record . . . . .	\$1.00



# Additional information



## BOOKSTORE

Arrangements are being made to ensure that prescribed textbooks and the necessary stationery are readily available to undergraduates. Further information will be available on registration.

## UNIVERSITY HEALTH SERVICE

The University makes available to undergraduates in its University Health Service a consultation and advisory service, as well as emergency treatment and medical care for minor illnesses and athletic injuries. Further information will be available to undergraduates upon application for admission.

For information about insurance coverage under the Ontario Hospitals Plan, and certain private health insurance programmes, students should consult the office of the Dean of Men or Dean of Women.

## UNDERGRADUATE ACTIVITIES

Trent University plans a rich programme of cultural and sports activities to stimulate the active participation of undergraduates. The University will welcome and encourage the early formation of a student government, undergraduate clubs and discussion groups, and theatrical and music societies by members of the student body. The City of Peterborough also offers to undergraduates the advantages of an excellent Library, Film Society, and regular visits by musicians, theatrical companies, and art exhibits.

Peterborough and the hills and waterways of the Trent Valley offer splendid facilities close at hand for recreation in every season. The City has fine parks, with playing fields, tennis courts, and skating rinks available for the use of members of the University in its early years. Facilities for skiing, golf, badminton, and cricket are also conveniently available in Peterborough. The University foresees the early growth of an interest in competitive rowing on the Otonabee River at the permanent site.



#### RELIGION

Trent University is a multi-denominational University. Undergraduates will be encouraged to take part in the religious life of the City of Peterborough, and to organize their own religious societies and activities at the University. The University is presently considering the possibility of offering courses in religious studies as part of the regular degree programme in the Faculty of Arts and Science.

#### CONDUCT AND DRESS

Undergraduates will be expected to conduct themselves at all times in a manner appropriate to members of a university.

Undergraduates will be required to wear the University gown on formal academic occasions. These include lectures, seminars, tutorials, formal visits to members of the faculty, and various college functions. University gowns may be purchased from the University Porter or rented from him for a nominal fee each year.



*credits:*

*design* FRANK DAVIES DESIGN UNIT

*lithography* CAPE AND COMPANY LIMITED

*printed in Canada*

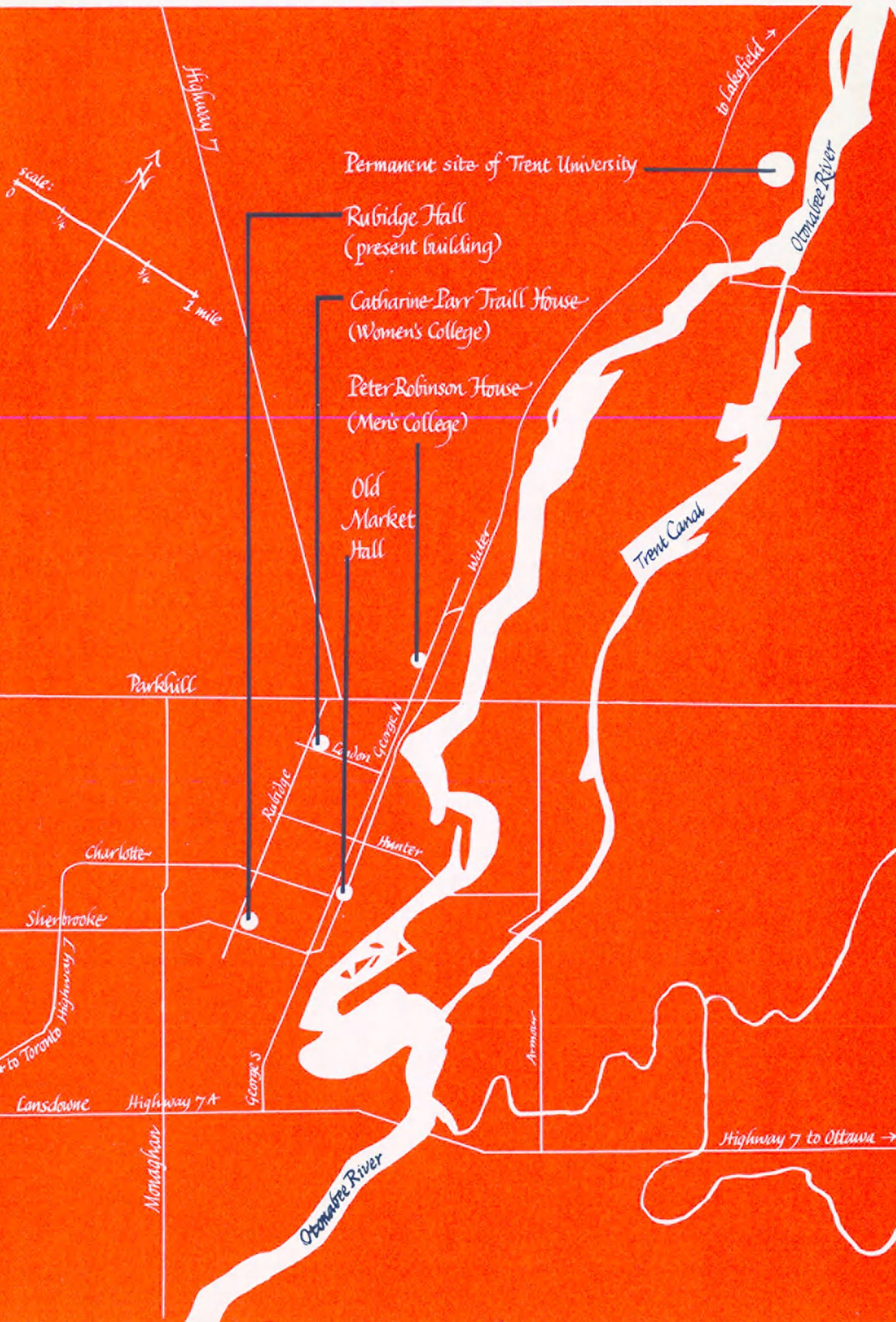


# Peterborough and central Ontario





# Trent University in Peterborough





1964

JULY

s	m	t	w	t	f	s
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

AUGUST

s	m	t	w	t	f	s
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SEPTEMBER

AUTUMN TERM

s	m	t	w	t	f	s
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

*16 Residents return*  
*17 18 19 introductory seminar and registration*  
*21 classes begin*

OCTOBER

s	m	t	w	t	f	s
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

s	m	t	w	t	f	s
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER

s	m	t	w	t	f	s
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

*11 classes end*  
*12 reading period begins*

1965

JANUARY

WINTER TERM

s	m	t	w	t	f	s
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

*3 residents return*  
*4 classes begin*

FEBRUARY

s	m	t	w	t	f	s
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

MARCH

s	m	t	w	t	f	s
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

*19 classes end*  
*20 reading period begins*

APRIL

SPRING TERM

s	m	t	w	t	f	s
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

*4 Residents return*  
*5 classes begin*

MAY

s	m	t	w	t	f	s
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

*8 classes end*  
*10 examinations begin*  
*15 examinations end*

JUNE

s	m	t	w	t	f	s
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30