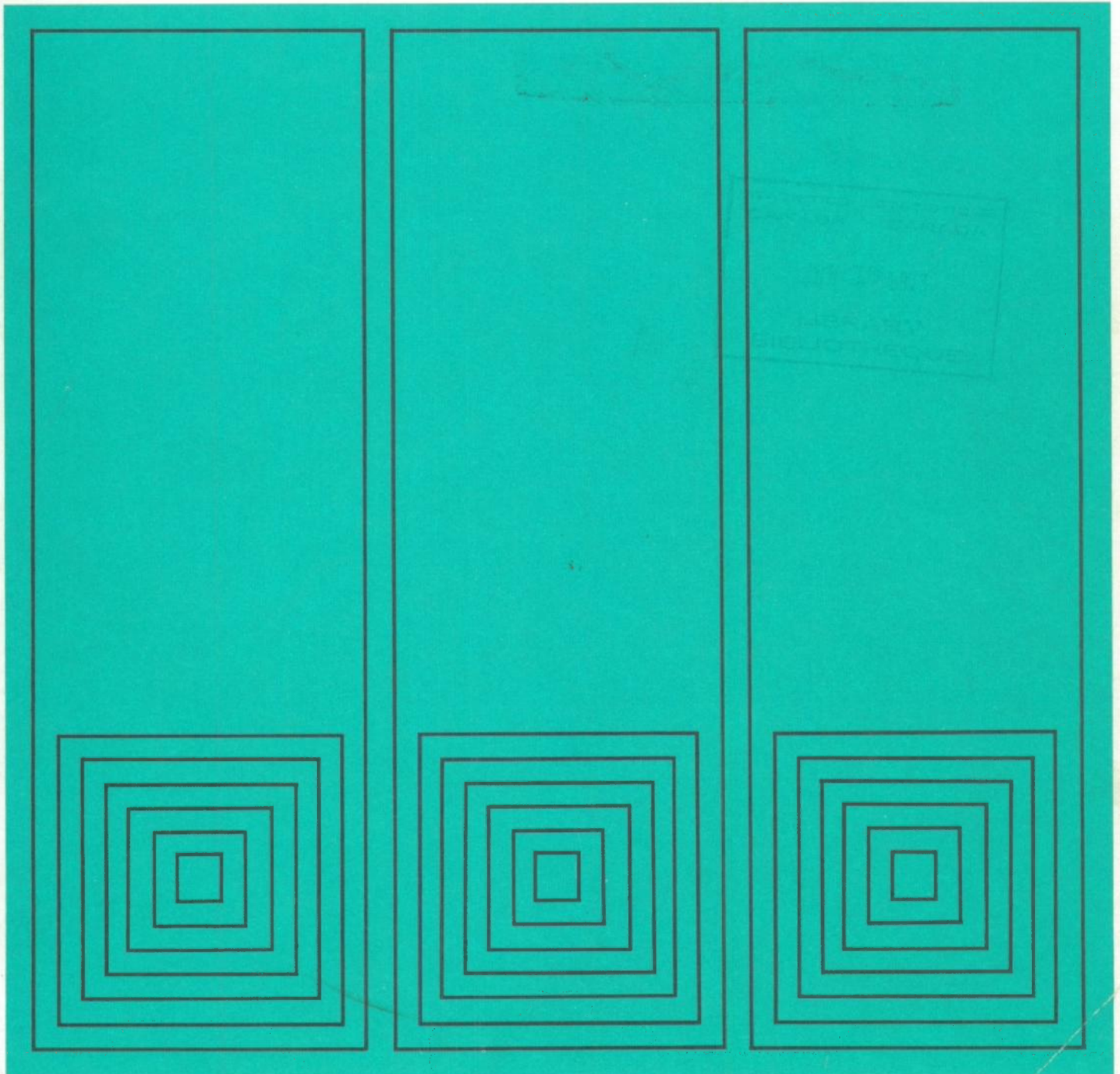


Universities and colleges of Canada

1973

Universités et collèges du Canada

1973



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UNIVERSITIES AND COLLEGES OF CANADA

UNIVERSITÉS ET COLLÈGES DU CANADA

1973

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PREFACE

The Education Division of Statistics Canada and the Association of Universities and Colleges of Canada share a common goal; the provision of information on higher education in Canada. The past decade has been marked by significant changes in the magnitude and complexity of the nation's universities and colleges. This growth and change are reflected in administrative structures, facilities and programs of study, all recorded in the present handbook. The presentation of this information is made with a view to serving the needs of the student, university and government communities and the public.

This present volume is the sixteenth edition of the handbook; the first to be published jointly by the Association of Universities and Colleges of Canada and Statistics Canada. We are proud to share in this work aimed at achieving our common goal. It is our belief that the contribution of Statistics Canada adds new dimensions to an already flourishing publication.

SYLVIA OSTRY
Chief Statistician of Canada

PRÉFACE

La Division de l'éducation de Statistique Canada et l'Association des Universités et Collèges du Canada partagent un but commun: fournir des renseignements sur l'enseignement supérieur au Canada. La dernière décennie a été marquée par des changements importants dans l'ampleur et la complexité des universités et des collèges du Canada. Cette croissance et ces changements se traduisent dans les structures administratives, les services et les programmes d'études qui sont tous mentionnés dans le présent répertoire. Ces renseignements sont fournis afin de répondre aux besoins des étudiants, des universités, des gouvernements et du grand public.

La présente édition est la seizième du répertoire et la première à être publiée conjointement par l'Association des Universités et Collèges du Canada et Statistique Canada. Nous sommes fiers de collaborer à ce travail qui vise à réaliser notre but commun. Nous croyons que la contribution de Statistique Canada ajoute de nouvelles dimensions à une publication qui connaît déjà beaucoup de succès.

SYLVIA OSTRY
Statisticienne en chef du Canada

PREFACE

The Association of Universities and Colleges of Canada is pleased to be party to the co-operative efforts which have resulted in the joint publication of this, the sixteenth edition of UNIVERSITIES AND COLLEGES OF CANADA. In the twenty-five years since the handbook first appeared, it has become a reliable basic reference text for those persons interested in Canadian higher education. We believe that it will continue to grow in usefulness through the joint efforts of the AUCC and the Education Division of Statistics Canada.

A.W.R. CARROTHERS
President
Association of Universities and Colleges of Canada

PRÉFACE

L'Association des Universités et Collèges du Canada (AUCC) est heureuse de la collaboration qui a conduit à la publication conjointe de la présente édition du répertoire UNIVERSITÉS ET COLLÈGES DU CANADA. Au cours des vingt-cinq années écoulées depuis sa première parution, le répertoire est devenu un ouvrage de référence fondamental et sûr pour toutes les personnes qui s'intéressent à l'enseignement supérieur au Canada. Nous croyons que son utilité continuera de s'accroître grâce à la collaboration de l'AUCC et de la Division de l'éducation de Statistique Canada.

A.W.R. CARROTHERS
Président
Association des Universités et collèges du Canada

UNIVERSITIES AND COLLEGES OF CANADA provides the student, counsellor, university and government communities as well as the general public with current information on higher education in this country. The largest part of the handbook is devoted to entries for 70 universities and their affiliated colleges. In addition, there are articles on admissions and on the changing structure of Canadian post-secondary education, several statistical tables, a listing of research institutes, a listing of community colleges and another of national associations and agencies and a comprehensive table of university programs.

The university entries describe the institution, its location, size, programs of study, annual budget, available student financial assistance, extension programs, calendars, academic year, grading systems, and research institutes. Names of senior administrative officers are also included. Current changes in this information are presented systematically in this edition of the handbook.

Canadian higher education has undergone many changes in the past decade. Many of these have been documented in successive editions of this publication. The changes reflect the increasing complexity facing Canadians who are selecting university programs and planning academic careers.

The handbook was published by the Association of Universities and Colleges of Canada (AUCC) every second year between 1948 and 1968 and each year between 1969 and 1972. This is the sixteenth edition and the first to be published jointly by AUCC and Statistics Canada. We are indebted to the officials at universities, colleges and associations who supplied current information for this updated handbook.

Miles Wisenthal
Director
Education Division
Statistics Canada

Colin B. McKay
Executive Director
Association of Universities and Colleges of Canada

Editor, Claire Franklin

UNIVERSITÉS ET COLLÈGES DU CANADA fournit aux étudiants, aux conseillers en orientation, aux universitaires, aux gouvernements et au grand public des renseignements à jour sur l'enseignement supérieur au Canada. La plus grande partie du présent répertoire est consacrée aux mentions des universités et de leurs collèges affiliés. Il comprend en outre des articles sur les admissions et sur la structure changeante de l'enseignement postsecondaire au Canada, plusieurs tableaux statistiques, la liste des instituts de recherches et des collèges communautaires ainsi que celle des associations et organismes nationaux qui s'intéressent à l'enseignement supérieur et un tableau complet des programmes d'études offerts dans les universités.

La mention de chaque université donne des renseignements sur cet établissement d'enseignement, sa situation géographique, sa taille, ses programmes d'études, son budget annuel, ses programmes d'aide financière aux étudiants, ses programmes d'éducation permanente, son annuaire et ses prospectus, son année universitaire, ses systèmes de mentions et ses instituts de recherches. Il y a en outre les noms des cadres supérieurs. Les changements actuels dans ces domaines sont mentionnés dans la présente édition du répertoire.

L'enseignement supérieur au Canada a connu de nombreux changements durant la dernière décennie. Les éditions successives du répertoire ont fait mention d'un grand nombre de ces changements qui traduisent la complexité croissante à laquelle font face les Canadiens dans le choix de leurs programmes d'études universitaires et dans la planification de leurs carrières.

Ce répertoire a été publié par l'Association des Universités et Collèges du Canada (AUCC) tous les deux ans entre 1948 et 1968 et chaque année entre 1969 et 1972. La présente édition est la seizième et la première à être publiée conjointement par l'AUCC et Statistique Canada. Nous sommes reconnaissants aux cadres des universités, des collèges et des associations qui nous ont permis d'actualiser les renseignements contenus dans ce répertoire.

Miles Wisenthal
Directeur
Division de l'éducation
Statistique Canada

Colin B. McKay
Directeur administratif
Association des Universités et Collèges du Canada

Rédactrice, Claire Franklin

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Introduction

Introduction

POST-SECONDARY EDUCATION IN CANADA

(Le texte français se trouve à la suite/French version follows)

By Edward F. Sheffield*, professor of higher education, University of Toronto; revised by L.F. Michaud, director of research, Association of Universities and Colleges of Canada, September 30, 1972.

Although the universities are the principal institutions of post-secondary education in Canada, there are others that provide education and training for persons who have completed the work of the high school. Chief among these are the government-operated colleges for the training of elementary school teachers, hospital schools of nursing, and a growing number of community colleges — most of which are public institutions. There are still others, though of less significance in terms of the numbers of students served: a college for the training of chiropractors — operated by the profession; church-run schools for the training of priests, ministers, pastors and other church workers; colleges of art — most of them private; the ubiquitous but disappearing business school or college, for the training of office workers — usually a private business enterprise; and a variety of trade schools, also profit-making enterprises.

Until recently, there was a good deal of confusion between the

* A more detailed article on "The Universities of Canada" by E.F. Sheffield appears in the *Commonwealth Universities Yearbook*. Note also the Bibliography in *Universities and Colleges of Canada*, 1973.

words "college" and "university" when applied to institutions of post-secondary education and it was difficult to distinguish between them. With the rise of the community colleges, however, there is a trend toward the use of the word university to describe degree-granting institutions and to use the word college to designate part of a university, or institutions of post-secondary education offering courses below degree level.

Universities

The universities of Canada, numbering roughly 70, exhibit variety on almost every score. The largest, composed of many faculties and professional schools, enrol more than 10,000 full-time students. There are 10 in this class. At the other extreme are small colleges of liberal arts, with fewer than 1,000 students.

In most universities the language of instruction is English. In others it is French; e.g., l'Université Laval and l'Université de Moncton. There are a few in which both English and French are languages of instruction. Notable among these are the University of Ottawa and Laurentian University in Sudbury.

Historically, a high proportion of the universities of Canada were begun by the churches and there are some still under church auspices. Examples of church-related institutions are: Mount Saint Vincent University in Halifax, Nova Scotia, and Waterloo Lutheran University in Waterloo, Ontario. A good many of the universities which began under church control have become secular institutions, particularly during the present century. Among these are Queen's University at Kingston, Ontario; Brandon University

at Brandon, Manitoba; the University of Windsor and the University of Montreal. Another large number, particularly in western Canada, were established by the provinces and are commonly referred to as "provincial universities", a term equivalent to the "state university" of the United States. Examples are The University of British Columbia, the University of Saskatchewan, the University of Toronto and the University of New Brunswick. The third common type, as far as control is concerned, is represented by institutions which were created by neither church nor state but rather by interested groups of citizens. Outstanding examples of these are McGill University in Montreal, Dalhousie University in Halifax, and Carleton University in Ottawa.

In 1971-72 there were almost 323,000 full-time students in the universities of Canada, about 5% of them from countries outside of Canada; 10% of the full-time students were pursuing graduate studies. A statistical table located elsewhere in this book provides a historical review of the growth of higher education in Canada. A projection prepared for the Economic Council of Canada in 1969 suggests that there may be as many as 560,000 full-time students in the universities by 1975 and 750,000 by 1980. The enrolment of part-time students seeking university degrees equals about one-third of the enrolment of full-time students and is increasing even more rapidly than full-time enrolment.

Teachers' colleges

For many years teachers for the elementary schools were prepared in what were called normal schools. The program of training usually took one year following completion of secondary school. In first one province and then another, the universities were encouraged to add responsibility for the training of elementary school teachers to their traditional responsibility for the training of secondary school teachers. Thus, by 1969-70, elementary school teachers were being trained in university in the provinces of British Columbia, Alberta, Saskatchewan, Manitoba, Prince Edward Island and Newfoundland. There was participation by the universities in the training of elementary school teachers in Nova Scotia, New Brunswick, Ontario, and Quebec, but there were still government teachers' colleges independent of the universities in those provinces. In 1968 the normal schools of Quebec ceased to accept new students and the universities began to take over this task. In 1969 the first two of 13 teachers' colleges in Ontario were absorbed by universities as part of a plan by which all should be similarly taken over within a few years.

In 1971-72, it is estimated that the total enrolment of the teachers' colleges for the preparation of elementary school teachers will be approximately 6,000. As these colleges are absorbed by the universities, the enrolment in separately identified teachers' colleges will be reduced.

Schools of nursing

In 1971-72 there were some 22,000 students enrolled in hospital schools of nursing preparing for diplomas as registered nurses. Normally this is a three-year program of combined study and apprenticeship, although there are current experiments with two-year programs which emphasize study more than training on the job. An additional 4,500 students were enrolled in nursing diploma programs in community colleges and similar institutions.

The trend is toward the training of nurses in educational institutions rather than in service institutions (hospitals). Increasingly, initial professional training leading to registration is being provided in regional schools of nursing or (in a few cases) in community colleges. Many universities now offer courses leading to the degree of bachelor of science in nursing. It is possible for a student to take this as an undergraduate, although it is also possible in some institutions for nurses who have been trained in hospitals to take additional work in the university for a year or more to qualify for a university degree.

Community colleges

The most dramatic of the recent developments in the field of post-secondary education in Canada has been the creation of provincial systems of community colleges.

In British Columbia, there is a system of two-year colleges providing both "university" courses (from which one may transfer to a university for completion of first-degree work) and so-called "terminal" courses, essentially vocational in nature. In Alberta, there are colleges which have the same two features but emphasize the first of them. There are four community colleges in Saskatchewan, and Manitoba has three. In Ontario, a network of 20 colleges of applied arts and technology came into being in 1967 and now have campuses in more than 40 centres. These, for the present at least, have only the second of the two features characteristic of the British Columbia and Alberta institutions: they do not offer university-parallel courses. In the province of Quebec, the first of a system of more than 30 collèges d'enseignement général et professionnel (CEGEP) with two-year university preparatory courses (referred to above) and three-year courses preparing students for the labor force were opened in 1967. A new college of applied arts and technology (its first) was established in Prince Edward Island in 1969. Full-time enrolment in the post-secondary courses of community colleges and related institutions was 154,000 in 1971-72.

One institute of technology which is not a community college in the sense just referred to, is the Ryerson Polytechnical Institute in Toronto. It began as a two-year institute of technology but has become a large, complex institution. A new charter granted in 1971 has given it the range and level of a university.

Agencies for co-ordination and co-operation

(See also the separate section in this book entitled "Associations and agencies related to higher education" for details on location and officers.)

One result of the increase in numbers of students and institutions of post-secondary education has been vastly increased governmental expenditure in this field. This has led to the creation of new agencies, chiefly within the provinces, to deal with the development and financing of universities and, in some cases, of community colleges.

Although they differ from one another in name and function, there are governmental agencies for the co-ordination of higher education (usually university education only, but in some cases other post-secondary education too) in British Columbia, Alberta, Manitoba, Ontario, Quebec, New Brunswick, Prince Edward Island, and Nova Scotia. Relations between government and university are direct in Saskatchewan and Newfoundland; in each of those provinces there is but one university. An Interprovincial Committee on University Rationalization operates for the three prairie

provinces. At the federal level, there is an agency established in 1966 which is now called the Education Support Branch of the Department of the Secretary of State.

There are also a number of voluntary non-governmental organizations serving post-secondary education at the national, regional and provincial levels. Canada-wide organizations include the Association of Universities and Colleges of Canada and the Canadian Association of University Teachers. The national student organization, the Canadian Union of Students, disbanded in 1969. The universities of the provinces of Newfoundland, Nova Scotia, New Brunswick and Prince Edward Island belong to an Association of Atlantic Universities (the University of the West Indies is also a member). There is a committee of presidents of universities in New Brunswick, a Conference of Rectors and Principals of Quebec Universities, a Council of Ontario Universities, and an informal organization of the presidents of the universities of the western provinces. One of the chief tasks of each of these organizations of universities or of their presidents is to provide a medium for communication and sometimes negotiation with the government agencies outlined above. Another, increasingly important task, is to facilitate co-operation among the universities themselves. The community colleges also have national and provincial organizations.

ENSEIGNEMENT POST- SECONDAIRE AU CANADA

Article rédigé par Edward Sheffield,* professeur d'enseignement supérieur à l'Université de Toronto et révisé par L.F. Michaud, Directeur du Service de recherches à l'Association des Universités et Collèges du Canada, le 30 septembre 1972.

Les principaux établissements d'enseignement postsecondaire au Canada sont sans doute les universités, mais il en existe d'autres qui dispensent l'enseignement et la formation aux personnes qui ont terminé leurs études secondaires. Au premier rang viennent les collèges d'État pour la formation des instituteurs du niveau primaire, les écoles de nursing des hôpitaux et un nombre croissant de collèges d'enseignement postsecondaire (fréquemment désignés sous le nom de "community colleges" au Canada anglais), dont la plupart relèvent des pouvoirs publics. Il reste enfin d'autres établissements, moins importants du point de vue des effectifs étudiants: le collège de formation des chiropraticiens, dirigé par la profession elle-même, les écoles ecclésiastiques pour la formation des prêtres, des ministres, des pasteurs et des autres personnes qui se consacrent

au service de l'Église; des collèges d'art, institutions privées pour la plupart; les omniprésents collèges commerciaux (dont le nombre tend cependant à diminuer), qui forment des employés de bureau et dont la grande majorité sont des entreprises privées; enfin des écoles de métiers de tous genres, elles aussi, entreprises à but lucratif.

Jusqu'à ces derniers temps, les termes "collège" et "université" appliqués aux institutions d'enseignement postsecondaire portaient beaucoup à confusion et il était difficile de distinguer entre les deux. Toutefois, avec la venue des collèges d'enseignement postsecondaire, on tend de plus en plus à réserver le mot "université" aux établissements conférant des grades, et à employer le mot "collège" pour désigner soit une partie de l'université, soit un établissement d'enseignement postsecondaire, mais ne conférant pas un premier diplôme.

Universités

Les universités du Canada, au nombre d'environ 70, varient à presque tous les points de vue. Les plus grandes, qui comprennent de nombreuses facultés et des écoles d'enseignement professionnel comptent plus de 10,000 étudiants à plein temps. Il y en a sept dans cette catégorie. À l'autre extrême se trouvent les petits collèges où l'on enseigne les arts libéraux et qui comptent moins de 1,000 étudiants.

Dans la plupart des universités, l'enseignement se donne en anglais. Dans d'autres, il se donne en français: c'est le cas de l'Université Laval et de l'Université de Moncton. Dans quelques-unes enfin, il se donne en français et en anglais; parmi celles-là on remarque l'Université d'Ottawa et l'Université Laurentienne à Sudbury.

Si l'on remonte à leurs origines, nombre d'universités canadiennes ont été fondées par des groupements religieux, desquels plusieurs relèvent encore. Comme exemples d'institutions confessionnelles, on peut nommer l'Université Mount Saint Vincent à Halifax (Nouvelle-Écosse) et l'Université Waterloo Lutheran à Waterloo (Ontario). Bon nombre des universités qui relevaient à l'origine d'autorités ecclésiastiques sont devenues laïques, surtout au cours du présent siècle. Parmi celles-ci, il y a l'Université Queen's à Kingston (Ontario), l'Université de Brandon (Manitoba), l'Université de Windsor et l'Université de Montréal. D'autres, particulièrement nombreuses dans l'Ouest canadien, ont été fondées par les provinces et sont souvent appelées "universités provinciales" de la même façon qu'on parle des "universités d'État" aux États-Unis. L'Université de la Colombie-Britannique, celles de la Saskatchewan, de Toronto et du Nouveau-Brunswick en sont des exemples. Il faut enfin ranger dans une troisième catégorie celles dont la création n'est due ni à une Église, ni à l'État, mais à un groupe de citoyens intéressés. Parmi celles-ci, les plus connues sont l'Université McGill de Montréal, l'Université Dalhousie d'Halifax et l'Université Carleton d'Ottawa.

En 1971-72 il y avait 323,000 étudiants à temps complet dans les universités du Canada, dont environ 5% venaient de l'étranger et environ 10% faisaient des études supérieures. Le tableau statistique dressé ailleurs dans le présent répertoire fournit l'historique de l'expansion de l'enseignement supérieur au Canada. D'après des prévisions établies pour le compte du Conseil économique du

*Un article plus détaillé, intitulé "The Universities of Canada" et rédigé par E.F. Sheffield est publié dans le Commonwealth Universities Yearbook. Voir en outre la bibliographie contenue dans Universités et Collèges du Canada, 1973.

Canada en 1969, le nombre d'étudiants à temps complet dans nos universités pourrait être de 560,000 en 1975 et de 750,000 en 1980. Le nombre d'étudiants à temps partiel préparant des diplômes universitaires est d'environ le tiers des effectifs étudiants à temps complet et augmente même plus rapidement que le nombre d'étudiants à plein temps.

Collèges de formation pédagogique

Pendant de nombreuses années la formation des instituteurs du niveau primaire se donnait dans les écoles normales. D'ordinaire on exigeait des futurs maîtres une année d'études après l'école secondaire. D'abord dans une province, puis dans une autre, on a encouragé les universités auxquelles avait toujours incombé la formation des maîtres du niveau secondaire, à assumer aussi la formation des instituteurs de l'enseignement primaire, si bien qu'en 1969-70 la formation des enseignants du niveau primaire relevait des universités dans les provinces suivantes: Colombie-Britannique, Alberta, Saskatchewan, Manitoba, Île du Prince-Édouard et Terre-Neuve. Dans quatre autres provinces soit la Nouvelle-Écosse, le Nouveau-Brunswick, l'Ontario et le Québec, les universités participent à la formation des maîtres du niveau primaire, mais il existe encore des collèges de formation pédagogique indépendants des universités. En 1968, les écoles normales du Québec ont cessé d'accepter de nouveaux étudiants et les universités ont commencé à prendre en main cette tâche. En 1969, les deux premiers des 13 collèges de formation des maîtres de l'Ontario ont été absorbés par des universités dans le cadre du projet selon lequel tous ces collèges devraient connaître le même sort d'ici quelques années.

On estimait, en 1971-72, à environ 6,000 le nombre des étudiants dans les écoles normales chargées de la formation des enseignants du niveau primaire. À mesure que ces écoles normales seront absorbées par les universités, leur effectif étudiant diminuera.

Écoles de nursing

En 1971-72 le nombre des étudiantes qui préparaient le diplôme d'infirmière licenciée dans les écoles attachées aux hôpitaux était d'environ 22,000. Ces écoles offrent en général un programme de trois ans qui comporte études et travaux pratiques, mais quelques-unes font actuellement l'essai de programmes de deux ans où l'accent est mis sur les études plutôt que sur la pratique. Environ 4,500 autres étudiantes étaient inscrites à des programmes d'études conduisant au diplôme en nursing dans des collèges communautaires et d'autres établissements semblables.

Il y a tendance à confier la formation des infirmières aux établissements d'enseignement plutôt qu'aux hôpitaux. De plus en plus la formation professionnelle initiale conduisant à la licence se donne dans des écoles régionales de nursing ou, parfois, dans des collèges d'enseignement post secondaire. Plusieurs universités offrent aujourd'hui des cours conduisant au baccalauréat en sciences infirmières. Ce programme d'études est accessible aux étudiantes non diplômées, mais certaines universités acceptent aussi des infirmières formées dans les hôpitaux à des cours supplémentaires durant un an ou davantage afin d'obtenir ainsi un diplôme universitaire.

Collèges d'enseignement postsecondaire

La création, par les provinces, de systèmes de collèges d'enseignement postsecondaire est l'une des innovations récentes les plus révolutionnaires.

En Colombie-Britannique, des collèges offrent un programme d'études de deux ans fournissant à la fois un enseignement "universitaire" (qui peut conduire à l'université pour l'obtention du premier grade) et l'enseignement censément appelé "terminal", de nature essentiellement professionnelle. En Alberta, il y a des collèges qui ont les mêmes caractéristiques, mais qui mettent l'accent sur la première d'entre elles. Il y a quatre collèges communautaires en Saskatchewan et trois au Manitoba. En Ontario, un réseau de 20 collèges des arts appliqués et de technologie a vu le jour en 1967 et a maintenant des campus dans plus de 40 centres. Ces collèges, du moins pour le moment, ont seulement la deuxième des deux caractéristiques des collèges de la Colombie-Britannique et de l'Alberta: ils n'offrent pas de cours parallèles à ceux offerts dans les universités. Dans la province de Québec, on a établi en 1967 les premiers d'une trentaine de collèges d'enseignement général et professionnel (CEGEP) qui offrent un programme d'études de deux ans, préparatoire à l'université (dont on a fait mention ci-dessus) et un programme d'études de trois ans préparant les étudiants au marché du travail. On a établi, en 1969, à l'Île du Prince-Édouard, le premier collège des arts appliqués et de technologie de cette province. Le nombre des inscriptions à plein temps dans les collèges postsecondaires et les institutions connexes était de 154,000 en 1971-72.

Un institut de technologie qui n'est pas un collège communautaire dans le sens qu'on a mentionné précédemment, le Ryerson Polytechnical Institute de Toronto, a commencé par offrir l'enseignement technique de deux ans, mais est devenu une vaste institution complexe. La nouvelle charte qui lui a été accordée en 1971 lui donne le statut d'une université.

Organismes de coordination et de coopération

(Veuillez vous reporter à la section distincte de ce livre intitulée "Associations et organismes intéressés à l'enseignement supérieur" pour plus de détails sur les adresses et les responsables de ces associations.)

L'augmentation du nombre d'étudiants et d'institutions au niveau postsecondaire s'est traduite par une augmentation considérable des dépenses gouvernementales à ce chapitre, ce qui a entraîné la création de nouveaux organismes, surtout provinciaux, afin d'assurer le développement et le financement des universités et, dans certains cas, des collèges d'enseignement postsecondaire.

Bien qu'ils diffèrent les uns des autres par le nom et la fonction, il y a des organismes gouvernementaux qui s'occupent de la coordination de l'enseignement supérieur, c.-à-d. d'ordinaire l'enseignement universitaire seulement, mais parfois aussi d'autres genres d'enseignement postsecondaire) en Colombie-Britannique, en Alberta, au Manitoba, en Ontario, au Québec, au Nouveau-Brunswick, dans l'Île du Prince-Édouard et en Nouvelle-Écosse. En Saskatchewan et à Terre-Neuve, provinces qui ne possèdent chacune qu'une université, le gouvernement traite directement avec l'université. Pour les trois provinces des Prairies, il existe un comité interprovincial unique pour la rationalisation universitaire.

Au niveau fédéral, un organisme créé en 1966 porte aujourd'hui le nom de Direction de l'aide à l'éducation du Secrétariat d'État.

Il y a aussi un certain nombre d'organismes volontaires, non gouvernementaux aux niveaux national, régional et provincial. Les organismes d'envergure nationale comptent l'Association des Universités et Collèges du Canada et l'Association canadienne des professeurs d'université. L'organisation nationale des étudiants,

l'Union canadienne des étudiants, a été dissoute en 1969. Les universités de Terre-Neuve, de la Nouvelle-Écosse, du Nouveau-Brunswick et de l'Île du Prince-Édouard font partie de l'Association des universités de l'Atlantique (dont fait partie également l'Université des Antilles). Il existe enfin un Comité des présidents d'université au Nouveau-Brunswick, une Conférence des recteurs et des principaux des universités du Québec, un Conseil des universités de l'Ontario et une association, sans caractère officiel,

groupant les présidents des universités des provinces de l'Ouest. L'une des tâches principales de chacune de ces associations d'universités ou de présidents, est de fournir un moyen de communiquer et parfois de négocier avec les organismes gouvernementaux mentionnés ci-dessus. Elles ont, en outre, une fonction, de plus en plus importante, celle de faciliter la collaboration entre les universités elles-mêmes. Les collèges d'enseignement postsecondaire ont aussi leurs associations régionales et provinciales.

ADMISSION TO UNIVERSITY IN CANADA

Le texte français se trouve à la suite/French version follows

Based on articles by Dr. Léopold Lamontagne, executive director, Service for Admission to College and University and Msgr. Jacques Garneau, director (international programs), Association of Universities and Colleges of Canada.

INTRODUCTION

Education in Canada is a provincial responsibility, and in this regard the 10 provinces are considered as independent. Each province has its own curriculum and awards its own certificates of completion of secondary school studies. Canadian universities have individual admission requirements based on certificates awarded in the province, but all treat certificates of other provinces as approximately equivalent.

1 ADMISSION TO FIRST DEGREE

Depending on the university, high school students are eligible after completion of grades XI, XII or XIII (Ontario only). In practice, for admission to courses leading to a first degree, most universities admit grade XII students, and require specified grades in appropriate subjects, as well as a specified overall average.

Generally, a student with a minimum overall average of at least 60% with no subject below 50% should gain admission to university, though not always to the course or institution of his first

choice. It should also be noted that admission to certain faculties, such as law, medicine, dentistry, nursing, education and divinity, sometimes requires the completion of a bachelor's degree, or at least two years of post-secondary studies.

In June 1972 the Ontario Universities Application Centre was opened for Ontario students applying to Ontario universities. A common application form is being used, and students can list three universities of their choice. When an applicant has been accepted by one university, the centre will advise the other two. If a student cannot be accepted by one of his three selections, he will be informed of openings at other institutions.

The universities of Quebec require students to submit a certificate of completion of college studies "diplôme d'études collégiales". In September 1967 there were 12 institutions called the "collèges d'enseignement général et professionnel" established in different regions of the province. There are now some 35 of them. The CEGEP acts as a bridge between secondary and university levels offering a two-year course to which students are admitted after their secondary studies (Secondaire V). Admission to Quebec universities for both French- and English-language candidates is enacted upon completion of this two-year college program.

2 ADMISSION TO STUDIES LEADING TO THE MASTER'S DEGREE

Admission to a master's degree program requires either a general or an honors bachelor's degree with at least second-class standing (65-70%) and in some cases, with first-class standing in one or two courses in which the candidate is specializing.

The student must demonstrate fluency in the language of instruction of the institution, and usually competence in one or more other languages, as determined by the department.

The master's degree will require at least one year's study following the honors bachelor's degree and two years following the general or pass bachelor's degree. In most cases, the master's degree must be completed within three to six years from the initial date of admission into the program.

Candidates admitted into the program with an honors degree are required to register in up to five courses of which two may ordinarily be replaced by a thesis. Courses are taken at the graduate level though some may also be permitted at the honors undergraduate level. Courses must be approved by the department which will also determine the division of studies between research and courses.

Studies generally comprise seminars, reading courses, and a course in bibliography and research methods. Courses already taken at the graduate level may, in some cases, be counted toward the master's program if they have not already counted as credit toward the baccalaureate degree.

A thesis is ordinarily required, though it may, in a very few cases, be replaced by a research paper or dissertation. The thesis must display original scholarship expressed in satisfactory literary form consistent with the discipline studied. If the thesis is not completed in a period of three to six years, the candidate is required to withdraw.

An average of 66-70% is required in all courses taken at the master's level though in some cases a mark as low as 60% may be accepted in one course. Frequently, general and comprehensive written and oral examinations are required at the discretion of the faculty or department. An oral examination on the content of the thesis is also usually required.

In some cases a supplemental examination may be permitted in no more than one or two courses for which less than 60% was originally obtained. In other cases no supplemental examination is permitted.

3 ADMISSION TO STUDIES LEADING TO THE DOCTORAL DEGREE

Graduates holding the master's degree with high second-class standing (70-80%) or the bachelor's honors degree with first-class or high second-class standing may be admitted to a program of doctoral studies.

Candidates having successfully completed the first year of the master's program may also be admitted.

Candidates must demonstrate the ability to carry out research of high quality leading to an advance in knowledge in their field of study, and must exhibit a comprehensive mastery of their subject. Some university departments require candidates to sit for graduate record examinations and to submit the results with their application. Candidates must be fluent in the language of instruction (English or French) and competent in one or more other languages, as determined by the department.

Candidates admitted into a doctoral degree program holding the master's degree must spend at least two full years in residence, while those with an honors bachelor's degree must spend at least three years in residence.

Candidates are required to register for each year the degree is being pursued and are expected to complete full requirements for the degree within five to seven years from the initial date of admission into the degree program.

Candidates are required to outline their proposed course and research program in consultation with the head of the department in which they are specializing and writing their thesis, and with the director of research to whom they have been assigned. The program must have the approval of the dean of the faculty of graduate studies and, in many universities, of a committee of three members set up to supervise the candidate's progress. The department and faculty share the responsibility for arranging examinations and adjudicating the thesis.

The number of courses for the doctoral degree is not usually specified for candidates admitted with the master's degree, although they are required generally to choose both a major field and one or two minor fields in related disciplines. A program of studies usually consists of seminars, formal courses at the graduate level, assigned reading, field work or consultations. Frequently, candidates who have not fulfilled the language requirements for the degree are required to attend language reading courses.

The doctoral thesis must constitute a significant contribution to knowledge, embody the results of original investigation and analysis, and be of such value as to merit publication.

The subject of the thesis must be approved by the faculty of graduate studies within at least one year of the date of registration for the degree, and the thesis itself must be submitted within five to seven years from the date of admission. The thesis is generally submitted to three examiners, of whom one is an "outside-examiner".

In some cases, if the thesis is found unacceptable, a candidate is permitted to rewrite or revise it, and resubmit it within a period of six to twelve months. Candidates are not normally permitted, however, to submit the thesis more than twice.

Candidates must obtain at least 66-70% in each examination and 75-80% in their subjects of major specialization. Comprehensive oral and/or written examinations, called candidacy or preliminary examinations, are generally held mid- or part-way through, or at the end of the second year of the doctoral program when the thesis is well under way, in order to test the candidate's mastery of his major and minor fields of study and to determine his eligibility to continue in the program with full doctoral status. Further course examinations may be held at the time of submitting the thesis.

As candidates are urged to complete their language requirements by the end of the penultimate year of their residence, they are generally required to sit for either one examination in two foreign languages, if two languages are required, or two examinations held at an interval of several months, in one foreign language, if only one language is required.

Upon acceptance of the thesis, a final oral examination is held to test the candidate's defence of his thesis.

4 EARLY ADMISSION

In the past, universities did not accept students before the last year's final examinations had been written. However, there are an increasing number of exceptions to this rule, and many institutions accept a candidate's early application on the basis of his high school record, a confidential report from the principal, and the results of some aptitude and achievement tests. Especially in those provinces where the departmental examinations are no longer given, such tests are becoming common criteria for admission.

5 TESTS AS AN ADMISSION REQUIREMENT

Most of the 45 Canadian universities either require or recommend that candidates take the Canadian Scholastic Aptitude Test (Test d'aptitude générale aux études postsecondaires) and the Canadian English-Language Achievement Test (Test de français langue maternelle) prepared by the Service for Admission to College and University (151 Slater Street, Ottawa), an interprovincial and interuniversity organization, with the co-operation of the Ontario Institute for Studies in Education, Toronto, and the Service for Measurement and Evaluation (SEMEV), Department of Education, Quebec City.

These tests will be administered twice in the school year 1972-73. The main general administration will be held on December 6, 1972, in approximately 1,500 centres in Canada and overseas, and the second administration will be on April 14, 1973, in approximately 70 selected centres across Canada. It is not intended that the tests be used as the sole criterion for admitting students to university, and institutions continue to require the certificate of completion of secondary school studies, school record, and principal's recommendation.

6 STUDENT AID

Financial assistance, in the form of scholarships, bursaries, fellowships, grants-in-aid, assistantships, and loans, is available to some but not to the majority of students. Awarding bodies include the government of Canada through various departments and agencies, provincial governments, the universities, business and industrial corporations, voluntary associations, and professional societies.

Details are to be found in the calendars of the universities, in "Perspectives - Requirements for admission to Canadian colleges and universities", SACU, 151 Slater St., Ottawa, Ont. K1P 5N1, Canada, in "Awards for Graduate Study and Research", and in the publication "National Student Aid Information Service" of the Canadian Scholarship Trust Foundation. (See separate section entitled "Associations and agencies related to higher education".)

7 ADMISSION OF FOREIGN STUDENTS

A growing number of foreign students attend Canadian universities. They are usually required to show facility in English or French by passing SACU tests, or one of the English-language proficiency tests administered by CEEB or the universities of Cambridge and Michigan. Candidates from the United States are required to pass the College Board Scholastic Aptitude and Achievement tests. Graduation from an American high school is usually the equivalent of Canadian grade XI, while the freshman year at college is equivalent to grade XII.

Students who hope to enter Canada to study should make their initial inquiries and arrangements several months, preferably a full year, before the date they wish to begin study. They should not leave for Canada until they have official acceptance of their application for admission to a university. They should not count on being able to earn their expenses during the course of their studies.

In addition to the officers and organizations in the universities themselves, there are several national associations devoted to the reception, orientation, and welfare of students from abroad. The main ones are World University Service of Canada and the Canadian Bureau for International Education. (See separate section entitled "Associations and agencies related to higher education".)

Details of awards available to foreign postgraduate students can be found in "Study Abroad (Études à l'étranger; Estudios en el Extranjero)", a Unesco publication. This directory is available in most university libraries, or from the Unesco sales agent in the student's own country.

ADMISSION AUX UNIVERSITÉS CANADIENNES

D'après les articles de M. Léopold Lamontagne, directeur général, Service d'admission au collège et à l'université et de Mgr Jacques Garneau, directeur (programmes internationaux), Association des universités et collèges du Canada.

INTRODUCTION

L'enseignement au Canada relève de la compétence provinciale et, à cet égard, chacune des dix provinces est considérée comme étant indépendante. Chaque province a ses propres programmes et décerne ses propres certificats d'études secondaires. Chaque université canadienne établit ses propres conditions d'admission selon les certificats que la province accorde, mais toutes considèrent les certificats des autres provinces comme approximativement équivalents.

1 ADMISSION AUX ÉTUDES DU PREMIER CYCLE

Selon les universités, sont admissibles les élèves qui ont terminé une 11^e, 12^e ou 13^e année (Ontario seulement).

Dans la pratique, la majorité des universités admettent les élèves après la 12^e année et exigent certains pourcentages prévus dans des matières déterminées. La plupart des établissements exigent une moyenne générale définie et des moyennes définies dans les matières déterminées. D'ordinaire, l'élève qui détient un certificat indiquant une note d'au moins 50 p. cent dans chaque matière et une moyenne générale d'au moins 60 p. cent est admissible même si ce n'est pas toujours dans le cours ou l'établissement qu'il préfère. Il faut également signaler que pour être admis à certaines facultés, telles que les facultés de droit, de médecine, d'art dentaire, de nursing, de pédagogie et de théologie, il faut parfois posséder un baccalauréat ès arts ou avoir fait au moins deux années d'études postsecondaires.

Depuis le mois de juin 1972, les élèves ontariens qui désirent s'inscrire à une université de l'Ontario s'adressent au Centre d'inscription des universités de l'Ontario. Ils utilisent une formule d'admission commune sur laquelle ils indiquent trois choix. Lorsqu'ils seront acceptés dans une université, le centre en prévendra les deux autres. Il signalera les possibilités qui existent ailleurs aux élèves qui ne seront acceptés par aucune des trois universités choisies.

Les universités du Québec exigent un diplôme d'études collégiales. On compte environ 35 "collèges d'enseignement général et professionnel" dans diverses régions de la province en plus d'un certain nombre de collèges indépendants. Ces établissements permettent de passer du niveau secondaire au niveau universitaire en offrant un programme d'enseignement de deux ans aux élèves qui ont terminé leurs études secondaires (Secondaire V).

2 ADMISSION AUX ÉTUDES DE MAÎTRISE (2^e CYCLE)

Pour être admis à la maîtrise, un étudiant doit normalement avoir obtenu un baccalauréat avec spécialisation et avoir conservé une moyenne d'au moins 65 p. cent au cours de ses dernière et avant-dernière années d'études et, en certains cas, 75 p. cent dans un ou plusieurs des cours faisant partie de la discipline de sa spécialisation.

Tout candidat doit faire valoir son aptitude à suivre les cours dans la langue d'enseignement de l'université où il veut poursuivre ses études (le français ou l'anglais). Pour les candidats possédant un baccalauréat avec spécialisation, la durée des études préparatoires à la maîtrise est d'au moins une année complète à l'université. Les candidats ne justifiant que d'un baccalauréat général doivent consacrer au moins deux ans à la préparation d'une maîtrise.

En règle générale, la préparation d'une maîtrise ne doit pas excéder de six ans la date d'admission à ce grade. Le programme des études et le projet de thèse sont déterminés, pour chaque candidat, en consultation avec le directeur du département où doit être préparée sa maîtrise. Ils doivent être approuvés par le directeur de l'école des gradués ou par un comité inter-disciplinaire nommé par lui. Les études en vue de la maîtrise (en un an) comportent une scolarité d'environ cinq cours dont deux peuvent être remplacés par une thèse. En plus des cours magistraux, la scolarité de maîtrise comporte la participation aux colloques, des lectures obligatoires, l'établissement d'une bibliographie et l'initiation aux méthodes de recherche. L'assiduité aux cours est une condition d'admission aux examens.

La présentation d'une thèse est habituellement requise pour l'obtention d'une maîtrise. Exceptionnellement cette thèse peut être remplacée par un exposé des recherches effectuées ou par une dissertation. Une thèse doit manifester une certaine originalité de pensée, être écrite en style convenable et compatible avec le sujet traité.

Un examen est requis pour chacun des cours suivis et le candidat doit y conserver une moyenne de 66 à 70 p. cent. Exceptionnellement une note aussi basse que 60 p. cent peut être acceptée, mais seulement pour un des examens. Fréquemment, un examen compréhensif écrit et oral est requis, à la discrétion du département ou de la faculté concerné. La thèse doit être lue par deux examinateurs au moins.

3 ADMISSION AUX ÉTUDES PRÉPARATOIRES AU DOCTORAT (3^e CYCLE)

Pour être admis au doctorat, un candidat doit normalement avoir obtenu sa maîtrise avec grande distinction (70 à 80 p. cent). Exceptionnellement, certains des meilleurs candidats à la maîtrise peuvent être autorisés à passer directement au doctorat sans avoir à présenter une thèse de maîtrise. L'admission des candidats se fait toujours après examen de leur dossier universitaire. En plus de cet examen, certains départements exigent qu'un candidat leur soumette les résultats d'un test spécial d'aptitude aux études supérieures dans le domaine particulier de sa spécialisation.

Tout candidat doit pouvoir s'exprimer couramment en français ou en anglais, selon la langue d'enseignement de l'université de son choix.

La durée des études pour les candidats justifiant d'une maîtrise et admis de plein droit à un programme de doctorat est d'au moins deux années complètes à l'université. Les candidats admis conditionnellement doivent s'attendre à ce que l'on exige d'eux une scolarité plus longue. Un candidat a de cinq à sept ans pour terminer la préparation de son doctorat.

C'est au candidat lui-même qu'il appartient ordinairement, en consultation avec le directeur du département où il se spécialisera, de proposer le programme de ses études et son projet de recherche. La proposition du candidat doit être approuvée par le directeur de l'école des gradués et par un comité spécial de trois membres chargé de suivre les progrès du candidat et de l'aider dans la planification de son travail et la préparation de sa thèse. La connaissance d'une ou parfois de deux langues étrangères est aussi requise pour l'obtention du doctorat.

Même si un candidat au doctorat n'est pas astreint à un programme d'études déterminé d'avance, il doit néanmoins suivre un certain nombre de cours principaux et de cours secondaires. À ces cours s'ajoutent la participation aux colloques, des lectures prescrites, le travail sur le terrain ou en laboratoire, ainsi que des rencontres périodiques avec son directeur de thèse et, au besoin, avec d'autres professeurs. Tout candidat au doctorat dont la connaissance des langues étrangères requises est insuffisante doit suivre des cours de perfectionnement.

Une des deux ou trois années de la scolarité, mais jamais la dernière, peut se faire dans un autre établissement que l'université qui décerne le doctorat.

La préparation et la soutenance d'une thèse sont absolument requises pour l'obtention du doctorat. Cette thèse doit représenter une contribution réelle au savoir, être le résultat de recherches

originales et d'analyses personnelles et être présentée dans un style qui la rende digne d'être publiée. Le sujet de la thèse doit être approuvé par l'école des gradués dans l'année qui suit la première inscription d'un candidat au doctorat. La thèse elle-même doit être soumise dans une période variant entre cinq et sept ans, selon les universités, après la première inscription du candidat. La thèse d'un candidat au doctorat est habituellement soumise à trois examinateurs, dont un n'est pas de l'université fréquentée. En cas de refus de sa thèse le candidat a entre six mois et un an pour la réviser et présenter un texte corrigé. Une thèse de doctorat ne peut être normalement soumise plus de deux fois.

Un candidat au doctorat doit conserver entre 66 et 70 p. cent à chacun de ses examens, et dans son sujet majeur de spécialisation, il doit conserver entre 75 et 80 p. cent. Au milieu de sa scolarité, ou au plus tard avant de présenter sa thèse, il doit subir un examen compréhensif écrit et oral, appelé examen de candidature ou préliminaire, qui permet d'apprécier sa maîtrise des matières inscrites à son programme d'études et d'autoriser la poursuite de son travail pré-doctoral. Au cours de l'avant-dernière année de scolarité, un candidat doit subir avec succès un examen sur deux langues étrangères ou deux examens, passés à quelques mois d'intervalle, sur une langue étrangère, selon qu'on exige d'en connaître une ou deux. Une fois sa thèse présentée et acceptée par le jury de ses examinateurs, le candidat doit en faire la soutenance devant eux.

4 ADMISSION ANTICIPÉE

Autrefois, les universités n'admettaient pas de candidats avant qu'ils aient subi les examens de fin d'études secondaires. Cependant on s'en tient de moins en moins à cette règle, et de nombreuses institutions acceptent les demandes anticipées de candidats en se fondant sur leur dossier scolaire au niveau secondaire, sur le rapport confidentiel du directeur, et sur les résultats des tests d'aptitudes et de connaissances. Dans plusieurs provinces où les examens du ministère de l'Éducation ont disparu, ces tests deviennent l'un des critères d'admission couramment utilisés.

5 LES TESTS D'ADMISSION

La plupart des 45 universités canadiennes exigent ou recommandent que tous les candidats passent le Test d'aptitude générale aux études postsecondaires (Canadian Scholastic Aptitude Test) et le Test de français langue maternelle (Canadian English-Language Achievement Test) préparés par le Service d'admission au collège et à l'université (151, rue Slater, Ottawa), organisme interprovincial et interuniversitaire, avec la collaboration de l'Ontario Institute for Studies in Education (Toronto) et le Service de mesure et d'évaluation du ministère de l'Éducation (Québec).

Ces tests seront offerts au moins deux fois au cours de l'année 1972-1973. La principale session d'examens aura lieu le 6 décembre 1972 dans environ 1,500 centres au Canada et à l'étranger, et

la prochaine aura lieu le 14 avril 1973 dans quelque 70 centres canadiens.

6 AIDE AUX ÉTUDIANTS

Certains étudiants peuvent obtenir de l'aide financière sous forme de bourses d'études, de bourses d'entretien, de bourses de perfectionnement, de subventions et de prêts. Les organismes qui accordent une telle aide comprennent le gouvernement du Canada, par l'intermédiaire de divers ministères et organismes d'État, les gouvernements provinciaux, les universités, les sociétés commerciales et industrielles, les associations bénévoles et professionnelles.

On trouvera des détails dans les annuaires des universités, dans "Perspectives — Conditions d'admission dans les collèges et universités du Canada", SACU, 151, rue Slater, Ottawa (Ont.) K1P 5N1, Canada, dans "Bourses d'études supérieures et de recherches", dans "Service de renseignement aide nationale aux étudiants", de la Canadian Scholarship Trust Foundation. (Voir section intitulée "Associations et organismes intéressés à l'enseignement supérieur".)

7 ADMISSION DES ÉTUDIANTS ÉTRANGERS

Un nombre croissant d'étudiants étrangers viennent au Canada. On leur demande d'ordinaire de justifier leur connaissance de l'anglais ou du français au moyen des tests du SACU. Dans bien des cas, on exige que les candidats venant des États-Unis passent le "Scholastic Aptitude Test" du College Board. Le certificat d'un "high school" des États-Unis est généralement considéré comme l'équivalent de la 11^e année et la première année universitaire équivaut à la 12^e année.

Tous ceux qui désirent venir au Canada afin de poursuivre leurs études devraient se renseigner et prendre les mesures nécessaires plusieurs mois et, de préférence, une année avant la date à laquelle désirent commencer leurs études. Ils ne devraient pas quitter leur pays avant que leur demande d'admission à une université ait été officiellement acceptée. Ils ne doivent pas compter être en mesure de gagner assez d'argent pour acquitter leurs dépenses au cours de leurs études au Canada.

Outre les directeurs et les organismes des universités mêmes, les principales associations nationales se consacrant à l'accueil, l'orientation et le bien-être des étudiants étrangers sont le Bureau canadien de l'éducation internationale et l'Entr'aide universitaire mondiale du Canada. (Voir section intitulée "Associations et organismes intéressés à l'enseignement supérieur".)

On trouvera des renseignements détaillés sur les bourses offertes aux étudiants du niveau supérieur dans "Études à l'étranger (Study Abroad; Estudios en el Extranjero)", publication de l'UNESCO. On peut la consulter dans la plupart des bibliothèques d'université ou se la procurer auprès du représentant de l'UNESCO dans son propre pays.

University chapters

Chapitres sur les universités

ACADIA UNIVERSITY*

Wolfville, Nova Scotia

Telephone: 902-542-2201

Cable: Acadia University, Wolfville, Nova Scotia

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – C.B. Huggins, BA, MD, MSc, DSc, LL.D. President and vice-chancellor – J.M.R. Beveridge, BSc, PhD, MD, DSc, LL.D, FCIC, FRSC. Vice-president (academic) – E.C. Smith, BSc, AM, PhD. Vice-president (administration) – F.J. Elderkin, LLB. Vice-president (development) – N. Moore.

GENERAL INFORMATION Acadia University is a non-denominational, co-educational institution with an enrolment of approximately 2,400 students and a planned enrolment of 3,000 by 1975. The university is provincially assisted and the main source of income is public. Residential accommodation is provided for most of those from out of town.

BACKGROUND The roots from which the university grew were Horton Academy, set up by the Baptists of Nova Scotia in 1828 as a literary and theological seminary, and Queen's College, founded on the same campus in 1838. Regular instruction in arts began in January 1839, with 20 students, and the members of the first graduating class received their degrees in 1843. In 1841 the

name Acadia College was adopted and in 1891 the Nova Scotia legislature approved changing the name to Acadia University. Another special bill was passed in 1966 reapportioning the powers of appointing governors. Although the founders of Acadia were Baptist, denominational tests have never been permitted. The design of the founders and the governing bodies has been to provide qualified students with a liberal education.

BOARD OF GOVERNORS The board of governors is appointed in part by the Baptist Convention of the Maritime provinces, but students and faculty are subject to no religious tests. Of the 38 governors, 14 are appointed by the Associated Alumni of Acadia University, 14 by the Baptist Convention, 6 by the governor-in-council of the province of Nova Scotia, 2 by the board itself (elected by faculty), the president of the Students' Union, and the president of the university who is a member *ex officio* (voting). By the 1840 act of incorporation and subsequent amendments, the board of governors has authority over all matters of property, finance and discipline, and all appointments of academic and administrative staff.

SENATE The senate – comprised of approximately 40 members of whom 6 are governors, 6 – of whom two are students – are appointed by the senate from the population at large, and the remaining members are from the faculty, either by election or by virtue of the position they occupy – has final authority over all academic matters including curricula, grants, diplomas and degrees in all departments and faculties. Curricula and examinations are the province of the faculty subject to final confirmation of senate. The president is chairman of the senate and of the combined faculty.

*Ordinary member, AUCC.

INCOME Total academic operating income, \$5,983,000 (academic fees, 25%; gifts, 0.6%; endowments, 2.7%; government, operating, 54.1%; debt repayment, 14.3%; other income, 3.3%). Ancillary enterprises income, \$1,758,000. (Fiscal year 1970-71.)

PUBLICATIONS Calendars: general calendar, awards calendar, Acadia Divinity College calendar, extension calendar, spring and summer session calendar. Departmental brochures: school of business administration; school of education; school of engineering; school of home economics; school of music; physical education and recreation; school of secretarial science. Other: student counselling centre brochure; religious activities brochure; general information brochure; Acadia Alumni Bulletin (quarterly); The Axe (student yearbook); The Athenaeum (student newspaper — weekly); Acadia Alumni Calendar (yearly).

ACADEMIC YEAR Winter session: early September to late April. Spring and summer sessions: mid-May to late June; early July to mid-August.

BUILDINGS AND GROUNDS Acadia University is located in the Annapolis Valley town of Wolfville, Nova Scotia, 65 miles northwest of Halifax. Wolfville is a beautiful residential town of 3,000 people with four churches and good elementary and secondary schools. The university is situated on a high terraced slope that faces the broad diked meadows of the historic Evangeline country, and the tidal waters of the Minas Basin, the body of water in the north-eastern part of the Bay of Fundy.

Situated on 250 acres of land, the university is comprised of 10 academic buildings, a central library with several departmental branches, an administration building, a new Students' Centre (opened in January 1972), a well-equipped gymnasium with extensive other sports facilities, 11 student residences accommodating approximately 1,600 students, two dining halls, a faculty club, and a chapel. Laboratories are available in biology, chemistry, engineering, geology, home economics, languages, and physics. A greenhouse, herbarium and arboretum may also be found on the campus. The affiliated Acadia Divinity College is located on the university campus.

STUDENT RESIDENCES For women: Dennis House, 149 students; Chase Court, 296; Fraser House, 9; Horton House, 88; Raymond House, 14; Seminary House, 101; Whitman House, 121. For men: Chipman House, 120; Crowell Tower, 258; Eaton House, 209; Memorial House, 152; Willett House, 68.

LIBRARIES There are three libraries: Vaughan Memorial (main) library; biology department library; science library. Holdings consist of 222,000 volumes and 2,100 periodicals in the three libraries. Special collections include: Eric Dennis and John D. Logan collections of Canadiana, William Inglis Morse collection of rare editions, Atlantic Baptist historical collection, Acadia University archives.

STUDENT LIFE Students attending Acadia have the opportunity to participate in numerous extracurricular activities. There are more than 25 organizations and clubs on campus. Included are such organizations as: the Scuba Club, Musicadians, winter carnival, Choral Society, Radio Acadia, and the Student Christian Movement. Experience in the field of journalism can be gained by working with the student newspaper, The Athenaeum, or the yearbook, The Axe. Almost every faculty and school has its own student club. These groups meet regularly on matters of common interest and through their sponsorship of entertainment and projects they are responsible for a great deal of the spirit which is

present at Acadia. Athletic activities are geared to three levels: intramural, junior varsity, and varsity with all activities being conducted on the campus. Facilities available include three gymnasias, two swimming pools, five outdoor fields, a quarter-mile track and a hockey arena. The Students' Representative Council is the elected body of the Students' Union and enacts legislation dealing with extracurricular activities of the student body. The SRC also employs an administrator of student services and a building manager to handle the planning of events and the day-to-day operations of the recently completed Students' Centre. The centre, officially opened in January 1972, is built on seven levels, contains a cafeteria, T.V. lounge, pool room, auditorium-ballroom, a specialty store, several meeting rooms, a reading lounge, an art gallery and a music lounge. In addition, there are general offices, a day-care centre, vending machine area and a complete photography laboratory.

MEDICAL SERVICES The university has its own director of medical services, nursing service and central infirmary for men and women. The medical services at the university infirmaries are provided to students registered for room and board without an additional charge. If the student living off campus and not paying room and board to the university requires hospitalization in one of the infirmaries, he or she is required to pay a fee of \$5 per day.

STUDENT COUNSELLING SERVICES The counselling centre, located in the Students' Centre, makes its services available to all students. The centre was established to give students professional assistance in solving their problems and to give them information which enables them to make appropriate decisions concerning their future. The centre is equipped to administer tests in order to help a student discover his or her abilities, interests, and aptitudes.

UNIVERSITY BOOKSTORE The Acadia University bookstore is located on the ground floor of McConnell hall and has a branch "the gift within" in the new Students' Centre. The stores are owned and operated by the university. The McConnell hall store supplies all student needs; textbooks, required reading, and a large section of reference material. "The gift within" handles stationery, paperbacks, souvenirs, games, and sundry. No special discounts are available.

STUDENT EMPLOYMENT The Department of Manpower and Immigration of the government of Canada, in co-operation with Acadia University, maintains a full-time Canada Manpower Centre on the campus to provide student placement services on a year-round basis. The purpose of this centre is to assist graduates and undergraduates to obtain permanent, summer or part-time employment, to provide employment counselling for students, and to assist employers wishing to recruit at Acadia University. The services of this centre are also available to the alumni of the university.

STUDENTS' UNION The Students' Representative Council is the elected body of the Students' Union and consists of a president, three vice-presidents and representatives from the faculties of arts, science, business administration (includes secretarial science), home economics, physical education, engineering, education and one representative from each of faculty and the board of governors. Full-time students are required to pay \$50 union fees, part-time students \$20 union fees, and all students are required to pay an additional \$20 Students' Centre building fund fee.

GRADUATE STUDENT ASSOCIATION The association for graduates and former students of Acadia University is known

as the Associated Alumni of Acadia University. It was incorporated in 1860 and its objectives are to bring about the unity of graduates and former students and to afford them the opportunity to promote the best interests of Acadia University. All degree, certificate or diploma holders are regular members of the association; any person who attended Acadia University for a minimum of two years, and left the university in good standing may become a regular member upon application to and approval by the executive board; graduates of the Acadia Ladies Seminary and Horton Academy are considered regular members. Members of faculty and the board of governors of Acadia University who are not otherwise entitled membership shall be honorary members. Any person, other than a regular member, who receives an honorary degree from Acadia University shall be an honorary member of the association. Any friend of Acadia University may become an associate member of the association upon application to and approval by the executive board.

The affairs of the association are managed by an executive board consisting of 15 members. The director of alumni affairs is responsible for carrying out the wishes of the executive board.

GRADING SYSTEM Excellent: A+ - 94%-100%; A - 87%-93%; A- - 80%-86%. Good: B+ - 77%-79%; B - 73%-76%; B- - 70%-72%. Fair: C+ - 67%-69%; C - 63%-66%; C- - 60%-62%. Pass: D+ - 57%-59%; D - 53%-56%; D- - 50%-52%. A very limited number of courses are offered on a pass-fail basis. The grading system is uniform for all faculties.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Acadia University offers a number of undergraduate scholarships ranging from an entrance scholarship of \$300 to a university scholarship of \$6,000 (\$1,500 annually for four years). Scholarships are awarded on the basis of high school grades, departmental examinations, class standing, SACU scores, principals' recommendations, and overall student ability. Scholarships are given without assessment of financial need and usually include monetary reward with honorary recognition of academic merit. Alumni awards are also given in recognition of particular abilities or talents. Bursaries are available to students who have been accepted by the university and who show need for additional financial support which is not available from other sources. The Canada student loans plan is available to assist students to attend approved post-secondary school institutions, and is administered by the individual provinces.

Graduate fellowships and scholarships are available from the university. Assistantships are granted to students who are assigned certain duties by their departments. For information on student awards and financial assistance contact the director of student assistance.

FINAL EXAMINATIONS Three-hour examinations are required in all courses. For half-courses the examinations are held just prior to the Christmas break. For full courses the examinations are held during the latter part of April. Exemptions may be granted on an individual basis upon individual consideration by the timetable, examination and instruction hours committee.

Supplemental examinations may only be written if a student has no more than two course failures and he may only write supplemental examinations in two full courses of one academic year, provided he had obtained a minimum final grade of 40% in the course in which he wishes to write a supplemental. Supplemental examinations must be written the September after the course is failed, however, potential graduates who fail a half-course at

Christmas may write a special supplemental the following May in order that they might graduate at the spring convocation.

GRADUATION Convocations are normally held twice a year. The spring convocation in early May at the conclusion of the regular academic year and a fall convocation held in conjunction with the Founders' Day Program. Acadia University confers all degrees.

FEES AND COSTS Tuition fees per academic year. Undergraduate full-time: applied science, arts, business administration, education, home economics, music, science and secretarial science \$635; undergraduate part-time, except music, less than three courses \$125 per course; divinity \$450; graduate \$550 first and second year and \$50 each subsequent year. Miscellaneous compulsory fees per year: undergraduate, \$75; graduate, MDiv, and BEd, \$70.

Residence rates, room and board, double room and 21 meals per week \$975, double room and 15 meals per week \$920, single room and 21 meals per week \$1,050, single room and 15 meals per week \$995.

ADMISSION REQUIREMENTS

Canadian students - undergraduate

1. Four-year degree or three-year diploma program: Nova Scotia grade 11 (junior matriculation) in English, mathematics (algebra and geometry) and four of biology, chemistry, economics, French, German, history, physics, Spanish; minimum average of 65%. Three-year degree or diploma program: requirements as above and Nova Scotia grade 12 (senior matriculation) in English and four other academic subjects as specified by the chosen faculty; minimum average of 65%; no subject less than 50%. A principal's report and recommendation is required. Certificates of equivalent standing from other provinces are required.
2. Tests for admission. SACU test scores are required.

Foreign students

USA - four-year program, grade 12 high school graduation with 16 points in academic subjects: English 4, algebra 2, geometry 1, history 1, laboratory science 1, and seven from second language, history, chemistry, physics, trigonometry or other courses; and CEEB minimum total score of 2,500 (two SAT and three achievement). Others: applicants who have completed six subjects including English and mathematics at the ordinary general certificate of education level, or its equivalent, with passes at the grade four level or higher may be considered for admission to a four-year program and applicants who have successfully completed advanced level subjects with satisfactory grades may be considered for admission to a three-year program. Applicants submitting the international baccalaureate will be considered for admission.

Graduate

1. Applicants must have received an undergraduate degree from an approved university with a major in a field of study in which he intends to pursue graduate work, and at least a B average in the

major and minor courses of the last two years of study. Departments may require additional criteria.

2. Applicants for a master of education program must have a bachelor's degree, BEd or equivalent, two years' teaching experience, and the graduate record examination or Miller analogies test.

3. Applicants for a master of arts degree in psychology must have both the Miller analogies test and graduate record examination.

COURSES AND DEGREES

ARTS

Faculty of arts

Bachelor of arts (BA). Four years beyond junior matriculation or three years beyond senior matriculation with major specialization in biology, chemistry, computer science, economics, English, French, geology, German, history, Latin, mathematics, music, philosophy, physics, political science, psychology, religious studies, sociology, and Spanish.

Bachelor of arts (Honors) [BA(Hons)]. Four years beyond either junior or senior matriculation with major specialization in economics, English, French, German, history, philosophy, political science, psychology and sociology.

Master of arts (MA). At least one year beyond BA. Offered in economics, English, French, history, mathematics, political science, and psychology.

BUSINESS ADMINISTRATION

School of business administration

Bachelor of business administration (BBA). Four years from junior matriculation or three years from senior matriculation. The program is designed to provide a foundation in liberal arts in the first year and the study of business organization and management principles in the last years.

EDUCATION

School of education

Bachelor of education (BEd). Persons who have received the degree of bachelor of arts, science, engineering, or commerce from an approved university, may apply for admission to a one-year program of studies leading to the degree of bachelor of education from Acadia University and the teaching certificate, class 5, from the Nova Scotia Department of Education.

Junior and senior diplomas in education. A diploma in education is awarded to students who complete two or three years of study at Acadia, and who complete an additional year of study in the school of education. A junior diploma in education requires 10 university courses together with a year of education; the Nova Scotia Department of Education will award a teacher's certificate

class 3 on successful completion of this program. A senior diploma in education requires 15 university courses and a year of education; a teacher's certificate class 4 will be awarded by the Nova Scotia Department of Education on successful completion of this program.

Master of education (MEd). At least one year from bachelor of education degree, or equivalent, with at least two years' successful teaching experience. Four programs are offered: (a) general program designed for teachers who wish to increase their knowledge in the field of education and in their special teaching field; (b) educational administration; (c) guidance and counselling; (d) special education with emphasis on learning difficulties and exceptional children.

Engineering, see science, applied

HOME ECONOMICS

School of home economics

Bachelor of science (home economics) [BSc(HE)]. Four years from junior matriculation or three years from senior matriculation with either a general major or a foods and nutrition major.

MUSIC

School of music

Bachelor of music (BMus). Four years from junior matriculation including grade VIII in applied music. Major in composition or piano, organ, voice, violin, viola, and brass instruments.

Bachelor of arts (major in music) [BA(Mus)]. Four years from junior matriculation or three years from senior matriculation with grade VI in applied music. Major in composition or piano, organ, voice, violin, viola, and brass instruments.

Bachelor of music education (BMusEd). Four years from junior matriculation or three years from senior matriculation with grade VI applied music. The program is designed to prepare persons to teach music in the public schools and consequently includes courses from the school of education and the faculty of arts.

SCIENCE

Faculty of science

Bachelor of science (BSc). Four years beyond junior matriculation or three years beyond senior matriculation with major specialization in biology, chemistry, computer science, geology, mathematics, physical education and recreation, physics, or psychology.

Bachelor of science (honors) [BSc(Hons)]. Four years beyond either junior or senior matriculation with major specialization in biology, chemistry, geology, mathematics, physics or psychology.

Master of science (MSc). At least one year beyond BSc (honors). Offered in biology, chemistry, geology, mathematics, and psychology.

SCIENCE, APPLIED

Ivan Curry school of engineering

Certificate of applied science (CertAppSci). Three-year engineering program beyond junior matriculation giving a broad foundation in the areas of pure science and the specialized applied science courses necessary for the final two years of engineering degree programs offered by the various engineering schools in chemical, civil, electrical, geological, industrial, mechanical, or mining engineering.

Bachelor of science and certificate in applied science. A four-year program of study beyond junior matriculation or a three-year program beyond senior matriculation, allowing for a bachelor of science degree with major in chemistry, mathematics or physics combined with the certificate in applied science.

SECRETARIAL SCIENCE

School of secretarial science

Bachelor of secretarial administration (BSA). Four years beyond junior matriculation or three years beyond senior matriculation. Program of studies includes arts, business administration, and secretarial science courses and is designed for those who will seek responsible positions in business.

Diploma in secretarial science. Students who wish to obtain a knowledge of the theory of business and skill in office and secretarial techniques, may combine courses in secretarial science with a program of studies leading to either a bachelor of arts, bachelor of commerce, or bachelor of science degree.

THEOLOGY

Courses given by the Acadia Divinity College

Bachelor of theology (BTh). A four-year course from junior matriculation of mixed arts and theology.

Master of divinity (MDiv). Three years from BA or equivalent bachelor's degree.

Master of theology (MTh). At least one year from MDiv, in clinical pastoral education.

EXTENSION PROGRAMS

For university credit

Undergraduate courses offered during the winter session at various centres in arts, business administration, education, and science. Certain courses in arts, business administration, education, and theology are also offered by correspondence. For information contact the director of the department of extension.

Undergraduate courses are offered in arts, business administration, education, physical education and recreation, and science, and graduate courses are offered in education, at a summer session. For information contact the director of summer school.

For no university credit

A number of courses are given to teachers and others who are not in a formal degree program.

RESEARCH INSTITUTE Acadia University Institute, founded in 1955, formed to focus resources of the university or other interested parties toward solution of community problems in any field of endeavor. Over 20 projects have been completed in the last 17 years covering such topics as establishment of a mental health centre, ferry services in the Minas Basin, local development programs and educational and psychological assessments. Executive director: Dr. John Connor.

AFFILIATED INSTITUTION Acadia Divinity College, Wolfville, Nova Scotia. Principal: J.A. Langley, BTh, MA, BD, DD. Theological seminary, co-educational, and church-related. It is operated under the auspices and direction of the Atlantic United Baptist Convention and assumes and carries on work and academic training previously carried on by the school of theology. Founded in 1968 and located on the campus of Acadia University. Undergraduate and graduate instruction is given with degrees being awarded in BTh, MTh, MDiv. Residential accommodation is available.

THE UNIVERSITY OF ALBERTA*

Edmonton, Alberta T6G 2E1

Telephone: 403-432-3111

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – L.A. Desrochers, BA, LLB, QC. President and vice-chancellor – M. Wyman, BSc, PhD, FRSC. Vice-president (academic) – H. Kreisel, MA, PhD. Vice-president (planning and development) – W.D. Neal, BSc, BA, MEd, PhD. Vice-president (finance and administration) – L.C. Leitch, LLB, MBA.

GENERAL INFORMATION The University of Alberta is a co-educational, non-denominational publicly supported institution. It is governed by a board of governors, a senate and a general faculties council.

BACKGROUND The University of Alberta was inaugurated by an act of the legislative assembly of that province in 1906, and instruction began in 1908. The first degrees were awarded in 1911. From 1946 to 1964, the university also offered programs of study at Calgary. However, in 1964, the University of Alberta at Calgary became autonomous in academic matters and in 1966 was constituted a separate provincial university known as The University of Calgary.

The former co-ordinating council of the universities at Calgary

and Edmonton has been replaced by a "universities co-ordinating council" with provision for the inclusion of representatives not only from The University of Alberta, The University of Calgary, and The University of Lethbridge, but also from any other provincial universities that may be established. In addition, a "universities commission" has been created, primarily to study the financial needs of the provincial universities and to advise the government with regard to the granting of financial assistance for university purposes.

BOARD OF GOVERNORS The board of governors is a corporation with the name "The Governors of The University of Alberta". It consists of a chairman appointed by the lieutenant-governor-in-council, the chancellor, the president, and 14 other persons appointed by the lieutenant-governor-in-council. Of the 14, two are members of the alumni association nominated by the association; one is a member of the senate, nominated by it from those of its members who are not on the university staff; two are members of the academic staff nominated by the general faculties council; two are students nominated by the students' council; and one is a student nominated by the graduate students' association. The conduct, management, and control of the university and all its property, revenue, business, and affairs are vested in the board.

SENATE The senate of the university consists of the chancellor, who is chairman; the president; the vice-president (academic); the provost; the director of extension; the president and the vice-president of the alumni association; two deans, appointed by the deans' council; two members of the board appointed by the board; three members of the general faculties council, appointed by the council; two members of the alumni association, appointed

*Ordinary member, AUCC.

by the association; five members of the public, appointed by the universities commission; four students, appointed by the students' council; one student appointed by the graduate students' association; 30 representative members, to be elected by the ex officio and appointed members to represent affiliated colleges or institutions, geographical areas, and groups and organizations with an interest in the university. It is the duty of the senate to inquire into any matter that might tend to enhance the usefulness of the university.

INCOME (1971-72) Total operating income — \$65,647,147 (provincial government, 84.5%; fees, 13.6%; endowments, .05%; other, 1.85%). Total capital income — \$25,326,960.

PUBLICATIONS The university calendar is available in separate sections and the prospective student should ask for the calendar entitled "University regulations and information for students" and the calendar for the faculty or school which he wishes to enter. These may be obtained from the office of the registrar. "Information for prospective students" may be obtained from the student counselling services. "Information for foreign students" is available from the foreign student adviser.

ACADEMIC YEAR Winter session: early September to end of April. Summer session: early July to mid-August. Intersession (for graduate students): early May to early September.

BUILDINGS AND GROUNDS The campus is located in the city of Edmonton (population 468,750), the provincial capital, on the south bank of the North Saskatchewan River on a site of 154 acres. The university farm, extending to 724 acres, is some two miles to the south. There are 35 teaching buildings, two swimming pools, a year-round ice rink, four libraries (over 1,280,000 volumes), two administration buildings, a students' union building, a printing services building, sports and food services facilities, four student residences, a faculty club, two car parks, and married student housing.

Affiliated residential colleges with buildings on the campus are St. Stephen's and St. Joseph's. Integrated with the university is the Collège universitaire Saint-Jean. Adjoining the campus are The University Hospital, the Research Council of Alberta, the Aberhard Memorial Tuberculosis Sanatorium, the Northern Alberta Jubilee Auditorium and the W.W. Cross Cancer Institute.

STUDENT RESIDENCES The university is currently able to provide room and board for 2,150 students in four student residences. Cornell Towers, an apartment block leased by the university and situated off campus has suites available to single and married students who are registered on a full-time basis. The university opened a married student housing complex in 1967; the 299-unit complex consists of a 17-storey high-rise apartment building, row houses and maisonnettes. Accommodation is available for 299 couples. As well, the student housing service of the university prepares lists of rooms available to students for off-campus housing. Student-managed co-operative housing has been organized in areas near the university and interested students should contact the Campus Co-operative Association Limited.

LIBRARIES The libraries of the university contain more than 1,280,000 volumes, 225,000 documents, 13,700 periodical subscriptions, audio-visual aids and a large collection of research materials in microform. On an average the library adds more than 12,000 volumes each month and is one of the fastest growing academic libraries in Canada. There is a humanities and social sciences collection. The general sciences library contains material for use in the fields of agriculture, engineering, science, household

economics and other related subjects — there are also three small branch libraries in the related fields: the mathematics library, the physical sciences library and the engineering library. The medical sciences library houses books and periodicals in the fields of medicine, dentistry, nursing, pharmacy, rehabilitation medicine and health services administration. The library operates one branch library, the John W. Scott library at the university hospital.

The Cameron library is open to senior undergraduates; an undergraduate collection is located in the Rutherford library which contains an open-shelf collection of 75,000 volumes specially selected to meet the needs of undergraduates. The Weir memorial law library contains reports, statutes, digests, encyclopedias, treatises for the Canada, the provinces, Great Britain and many of the other Commonwealth countries. The other major library on campus is the education library. The head of this library also supervises the curriculum materials library and physical education library.

STUDENT LIFE The physical education building has three gymnasiums with a fourth in the education building. There are excellent swimming facilities both in the main building and in the annex. Varsity arena features artificial ice and seats about 2,300 persons; it also has a terrazzo floor which serves for dancing and other activities. There are also handball, paddle ball and squash courts, a wrestling room, a weight training room, gymnastics areas. Outside there are playing fields, a quarter-mile all-weather track, and tennis courts. There is an intercollegiate program, an intramural program and a recreational program. Questions about student extracurricular life or non-academic matters should be directed to the dean of men or the dean of women.

MEDICAL SERVICES Comprehensive medical care is provided throughout the academic year by the university health service. Full-time medical and nursing personnel staff the out-patient department and wards of the health service, which is located east of the emergency entrance of The University of Alberta Hospital. The resources of that hospital are also available for serious cases.

STUDENT COUNSELLING SERVICES Counselling is offered to students and to prospective students throughout the year. Counselling with respect to vocational and program choice is available to prospective students during their grade XII year or afterwards. University students may use the services for any of the purposes indicated: a) study skills; b) vocational planning; c) personal problems; d) change of faculty; e) withdrawal from university; f) unsatisfactory standing.

UNIVERSITY BOOKSTORE Textbooks, reference books, trade and pocket books, all discounted at 5% to staff and students of the university. Essential supplies, stationery, notebooks, etc., sold for small mark-up. Other supplies, considered as a service only, are sold at local retail price. The bookstore is a non-profit department of the university.

STUDENT EMPLOYMENT The Department of Manpower and Immigration in co-operation with the university maintains a full-time employment service on the campus on a year-round basis. Students at all levels of their studies and alumni are invited to use the facilities of this office whether seeking part-time summer or permanent employment. Local employers as well as employers from all across Canada use the services of the Canada Manpower Centre to interview prospective employees from the university. Interviews usually commence during the last week of October and continue throughout the academic year.

STUDENT UNION All undergraduate students at the university are automatically members of the Students' Union. The students at the university have a long tradition of self-government, of managing their own affairs, and maintaining their own discipline with little interference from the university. The student body elects its own executive committee and a Students' Council or representatives from each faculty, who administer the Students' Union affairs and apportion its budget. The union is represented on the board of governors and the senate of the university, the General Faculties Council and many important committees. It has established an academic grievance committee, which will hear and act on appeals made by students. It administers a life-insurance plan and publishes a handbook each fall. The union publishes a newspaper, *The Gateway*, which appears twice a week during term.

GRADUATE STUDENT ASSOCIATION In terms of the Alberta Universities Act, the G.S.A. represents all the graduate students on campus, including full-time and part-time graduate students registered with the faculty of graduate studies and research, and the council of the G.S.A. is the main governing body.

The G.S.A. has an executive composed of up to 10 members and including the following officials: president; vice-president, external; vice-president, internal; secretary and treasurer; elected by the G.S.A. council from amongst the registered graduate students. The G.S.A. council has representatives from all the departments at the university providing graduate programs.

Fees commencing the academic year 1972-1973 are: \$5 for full-time registered graduate students; \$2 for part-time registered graduate students. The G.S.A. constitution provides as its stated objectives the following: a) to provide for the administration of the affairs of the graduate students; b) to promote the general welfare of the graduate students; c) to serve and further the intellectual, cultural, social and recreational activities of the graduate students; d) to provide official representation for graduate students within and without the university.

GRADING SYSTEM Nine-point grading system as follows: 9, 8 (excellent); 7, 6 (good); 5, 4 (pass); 3 (conditional); 2, 1 (fail). For students proceeding toward an undergraduate degree the passing grade is normally 4; in courses taken toward a graduate degree the passing grade is 6.

STUDENT AWARDS AND FINANCIAL ASSISTANCE The university has a program of scholarships and bursaries at each of the three levels: matriculation, undergraduate, and graduate studies. Application dates are July 15, June 1, and February 1, respectively. Many of the matriculation awards are restricted to students from Alberta high schools, and most of the undergraduate awards are based on academic work done at this university. Most of the graduate studies awards are open to graduates of any university but who are Canadian citizens or landed immigrants at the date of application. Many graduate studies departments also offer assistantships.

Students who are Canadian citizens or landed immigrants and who have been in Alberta for one year may apply for financial assistance in the form of loans on a basis of financial need. For information on awards and financial assistance, write to the administrator of student awards. For information on assistantships, write to the faculty of graduate studies or the particular department concerned.

FINAL EXAMINATIONS With certain exceptions, a final

examination is held in each course. In courses completed in the first term, final examinations are held during test week in December. All other final examinations are held at the end of the session.

The number of supplemental examinations allowed to any student is determined by his faculty council. Notification of permission to write one or more supplemental examinations is included in the statement of marks sent to each student. Deferred final examinations — a student who has missed a final examination for a compelling reason may apply for a deferred final examination. Deferred first-term final examinations — a student in the faculty of medicine, dentistry, or law, or a student in his graduating year in any other faculty, who cannot take a first-term final examination in December due to a compelling reason will be granted a deferred final examination. Special examinations — a special supplement or a special deferred final examination may be granted to a student who for some compelling reason is prevented from writing a supplemental examination or a deferred final examination at the regular time.

GRADUATION On the recommendations of the faculty council, degrees are conferred by the chancellor of the university at a convocation of the faculty, alumni, graduands, and their guests. Convocations for the conferring of degrees are normally held in the spring and fall of each year.

FEEES AND COSTS Tuition fees per year; full-time: (a) undergraduate — agriculture, arts, commerce, dental hygiene, education, household economics, law, library science, nursing, pharmacy, physical education, rehabilitation medicine, and science, \$400; engineering, \$500; dentistry, medicine, \$600; (b) graduate, \$500. Miscellaneous compulsory fees per year: undergraduate — \$39, graduate — varies, \$33 or \$46 (depending on student union privileges).

Residence rates, board and room, \$100 a month.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Alberta high school diploma with required grade 12 courses and a 60% minimum average or other equivalent certificate. All applicants are required to pay a \$10 application fee.

2. Specific requirements. The admission requirements are divided into 4 patterns. Pattern I — agriculture, business administration and commerce, engineering, rehabilitation medicine, science: English, mathematics 30, either one human and two sciences or three sciences. Pattern II — dental hygiene, food sciences, household economics, medical laboratory science (minimum average of 65% required), nursing, pharmacy and pharmaceutical sciences: English, chemistry, either one human and two sciences or three sciences. Pattern III — arts (for fine arts see calendar), English, language (other than English), either two human and one science or one human and two sciences. Pattern IV — education, physical education, recreational administration: English, four other subjects.

Foreign students

Certificates evaluation in terms of the normal requirements.

UK: GCE O level in subject category plus at least two appropriate subjects at A level is accepted as senior matriculation. Other Commonwealth: requirements as prescribed in the Commonwealth Universities Yearbook for admission to "home" university. USA: high school grade 12 academic graduation plus at least satisfactory freshman-year standing in courses deemed equivalent to subject required by the dean of the faculty concerned. CEEB aptitude and achievement scores used in addition to high school grades. Europe: requirements as for admission to a European university and satisfactory standing on a prescribed oral and written English language examination. Middle East, Asia, West Indies, South America: certificates such as GCE, CEEB achievement tests, University of Hong Kong matriculation, etc., proof of proficiency in English and of financial competence. Applicants submitting the international baccalaureate will be considered for admission.

Mature students

Students of mature age who do not meet the normal requirements may be excused from presenting a high school diploma; apply to the registrar for full information.

Graduate

1. A baccalaureate degree with a grade point average of at least 6.0 in the work of the last two undergraduate years at the university, or an equivalent qualification from another institution; and,
2. a statement from the chairman of the department concerned to the effect that the applicant is, in all respects, acceptable to the department.

Date for receipt of applications

Applications for admission must be received by July 2 of the year in which admission is sought (except for fine arts which is May 1). Students from abroad should apply about one month in advance of these dates.

COURSES AND DEGREES

AGRICULTURE AND FORESTRY

Faculty of agriculture and forestry

Bachelor of science in agriculture (BSc). Four years from senior matriculation or from a diploma (with additional high school credits) at a provincial school of agriculture. Specialization offered in agricultural economics and rural sociology, agricultural engineering, animal and poultry science, entomology, field crops and plant breeding, crop ecology and weed science, grazing management, horticulture, plant pathology, plant physiology and biochemistry, food chemistry, food processing and food microbiology, soil genesis and classification, soil physics, soil chemistry, soil microbiology, soil fertility, soil conservation.

Bachelor of science in forestry (BSc). Four years from senior matriculation. Specialization offered in general forestry, forest management, forest hydrology and grazing management.

Interdisciplinary program in food science. Bachelor of science in agriculture with a major in food science (BSc). Four years from senior matriculation. Offered co-operatively by the faculties of agriculture and forestry, and science; and the school of household economics. Permits greater specialization in food science than is possible in FdSc option, BSc in agriculture.

Pre-veterinary medicine – two years from senior matriculation. Students who are selected by the Western College of Veterinary Medicine take a further four years of study at the University of Saskatchewan to qualify for the degree of doctor of veterinary medicine. There is a quota on the number of Alberta students who can be selected to transfer to the DVM program in Saskatoon.

Faculty of graduate studies and research

Master of science (MSc). At least one year from a bachelor's degree in agriculture. Offered in all the fields listed above with the exception of forest resources management.

Doctor of philosophy (PhD). At least two years from MSc, or three years from BSc. Offered in the fields listed for the BSc with the exception of agricultural mechanization, agricultural engineering and forest resources management.

ARTS

Faculty of arts

Bachelor of arts (BA). (a) General course, three years from senior matriculation. (b) Special course, four years from senior matriculation. (c) Honors course, four years from senior matriculation, available in single or combined programs. Available in ancient history, anthropology, classical archeology, classics, comparative literature, drama, economics, English, French, French-Canadian language and literature, geography, German, history, history of art, Italian, linguistics (general, Germanic, romance or Slavic), mathematics, philosophy, political science, psychology, romance languages, Slavic languages, sociology, Soviet and east European studies, Spanish and Spanish-American studies, and combinations of these.

The BA general and special programs require that the student select two areas of concentration. Available for this purpose in addition to those disciplines listed under honors programs above are: art and design, music, religious studies and Scandinavian languages.

Faculty of graduate studies and research

Master of arts (MA). At least two years from ordinary BA or at least one year from honors BA. Offered in anthropology, archeology, classics, comparative literature, drama, economics, English, French, geography, German, Greek, history, ancient history, Latin, philosophy, political science, psychology, romance languages, Slavic languages, sociology.

Doctor of philosophy (PhD). At least two years from MA, or three years from honors BA. Offered in anthropology, classics, comparative literature, economics, English, French, geography, German, history, philosophy, political science, psychology, romance languages, Slavic languages, sociology, Spanish.

COMMERCE

Faculty of business administration and commerce

Bachelor of commerce (BCom). Ordinary course, four years from senior matriculation. Specialization possible in accounting, business, computing and data processing, economics, finance, industrial relations, marketing, management science, organizational theory and behavior.

Faculty of graduate studies and research

Master of business administration (MBA). One year from four-year BCom. Two years from an undergraduate degree.

COMMUNITY DEVELOPMENT

Faculty of graduate studies and research

Master of arts (MA). A program administered by an interdepartmental committee responsible to the faculty of graduate studies. At least one year, including a four-month field internship, for students with adequate background in required subjects; otherwise an initial qualifying year required.

DENTISTRY

School of dental hygiene

Diploma in dental hygiene. Two years from senior matriculation.

Faculty of dentistry

Doctor of dental surgery (DDS). Four years from two years of science beyond senior matriculation.

Faculty of graduate studies and research

Master of science (MSc). At least one year from an undergraduate degree.

EDUCATION

Faculty of education

Bachelor of education (BEd). Four years from senior matriculation, or two years for students with a bachelor's degree. Specialization offered in elementary school teaching, industrial arts, secondary school teaching, and vocational education.

Professional diploma. One year for holders of approved undergraduate degrees.

Graduate diploma in education. One year following an approved program which resulted in a university degree and a professional teaching certificate.

Faculty of graduate studies and research

Master of education (MEd). At least one year from bachelor's degree in education. Offered in anthropology and intercultural education, audio-visual education, computer-assisted instruction, counselling, curriculum and teaching in secondary education, developmental psychology, educational administration, educational foundations, elementary education, exceptional children, history of education, human learning, industrial arts, philosophy of education, psychology, school psychology, sociology of education, testing and measurement, vocational education.

Doctor of education (EdD). At least two years from MEd degree. (Prerequisites: several years of successful teaching, reading knowledge of an appropriate modern language.)

Doctor of philosophy (PhD). At least two years from MEd degree. Offered in the fields provided for the master's degree except industrial arts and vocational education.

ENGINEERING

Faculty of engineering

Bachelor of science in engineering (BSc). Four years from senior matriculation. Specialization offered in chemical, civil, electrical, mechanical, metallurgical, and mining engineering.

Faculty of graduate studies and research

Graduate programs are offered in all fields of engineering listed for BSc, and also in petroleum engineering.

Master of engineering (MEng). At least 9 months from bachelor's degree in engineering.

Master of science (MSc). At least one year from bachelor's degree in engineering.

Doctor of philosophy (PhD). At least two years from the master's degree in engineering, or three years from the bachelor's degree in engineering.

FINE ARTS

Faculty of arts

Bachelor of fine arts (BFA). Four years from senior matriculation. Applicants must present a portfolio for art and design or pass an audition for drama. Available in art and design or in drama with specialization in acting or design.

Faculty of graduate studies and research

Master of arts (MA). At least one year from four-year BFA. Offered in dramatic literature, dramatic theory and criticism, or theatre history.

Master of fine arts (MFA). One year from four-year BFA. Offered in drama, design, directing or playwriting.

Master of visual arts (MVA). Normally two academic years from four-year BFA. Offered in graphic design and photography, industrial design and sculpture, painting, and printmaking.

FOOD SCIENCE

Faculty of agriculture, school of household economics and faculty of science

Bachelor of science in food science [BSc(FdSc)]. A four-year program administered by an interdisciplinary committee of the faculties of agriculture and science and the school of household economics.

HOUSEHOLD ECONOMICS

School of household economics

Bachelor of science [BSc(HEc)]. Four years from senior matriculation. Three programs available: food and nutrition, clothing and textiles, or family studies.

Faculty of graduate studies and research

Master of science (MSc). Usually two years from BSc in household economics. Offered in nutrition and foods, clothing and textiles, and family studies.

LAW

Faculty of law

Bachelor of laws (LLB). Three years from either the BA or some other degree, or the completion of two years of a program leading to a BA degree.

Faculty of graduate studies and research

Master of laws (LLM). At least one year from LLB degree.

LIBRARY SCIENCE

School of library science

Bachelor of library science (BLS). One year from BA or other acceptable degree.

Faculty of graduate studies and research

Master of library science (MLS). One year from BLS or its equivalent.

MEDICINE

Faculty of medicine

Bachelor of science in medical laboratory science [BSc(MLS)]. Four years from senior matriculation.

Bachelor of science in medicine [BSc(Med)]. Normally, one year in a branch of medical science after completion of two of the four undergraduate years of study in the MD course.

Doctor of medicine (MD). Four years after two years of science beyond senior matriculation.

Faculty of graduate studies and research

Master of science (MSc). At least one year from an undergraduate degree. Available in anatomy, bacteriology, biochemistry, experimental medicine, ophthalmology, paediatrics, pathology, pharmacology, physiology, radiology, and experimental surgery.

Master of health services administration (MHSA). A two-year program from an undergraduate degree.

Doctor of philosophy (PhD). At least two years from the master's degree, or at least three years from honors BSc or from MD degree. Available in anatomy, biochemistry, pharmacology, physiology and surgery.

MUSIC

Faculty of arts

Bachelor of music (BMus). Four years from senior matriculation. Applicants must pass an audition test. Available in theory and composition, applied music (keyboard, orchestral or voice), and music history and literature.

Faculty of graduate studies and research

Master of music (MMus). One year from four-year BMus. Offered in applied music, composition, music history and literature, and music theory.

NURSING

School of nursing

Bachelor of science in nursing (BSc). Four years from senior matriculation.

Bachelor of science in nursing for registered nurses (BSc). Two years plus summer school after graduation from an approved RN diploma program in nursing.

Certificate in advanced practical obstetrics. Five months for qualified registered nurses.

PHARMACY

Faculty of pharmacy and pharmaceutical science

Bachelor of science in pharmacy (BSc). Four years from senior matriculation. Provision for specialization in community pharmacy, hospital pharmacy, and pharmaceutical sciences.

Hospital residency. One year from four-year BSc in pharmacy. Emphasis of program on organized training in hospital pharmacy.

Master of hospital pharmacy (MHP). At least two years after four-year BSc in pharmacy; includes a residency.

Faculty of graduate studies and research

Master of science (MSc). At least one year from four-year BSc in pharmacy. Available in various fields, including biochemical studies with radioactive tracers, biopharmaceutics, pharmaceutical chemistry, manufacturing pharmacy, pharmaceutics.

Doctor of philosophy (PhD). At least two years from four-year BSc in pharmacy. Available in the fields provided for the MSc, except radiopharmacy.

PHYSICAL EDUCATION

Faculty of physical education

Bachelor of physical education (BPE). Four years from senior matriculation.

Bachelor of arts in recreation administration. Four years from senior matriculation.

Faculty of graduate studies and research

Master of arts (MA) or master of science (MSc). At least one year from four-year BPE degree.

Doctor of philosophy (PhD). Three years from four-year BPE degree or two years from MA or MSc in physical education.

REHABILITATION MEDICINE

School of rehabilitation medicine

Diploma in physical therapy, diploma in occupational therapy. Three years from senior matriculation.

Bachelor of occupational therapy (BOT). Four years from senior matriculation.

Bachelor of physical therapy (BPT). Four years from senior matriculation.

Bachelor of science in speech pathology and audiology (BSc). Four years from senior matriculation.

Diploma in teaching occupational therapy. Two-year program open to graduates in occupational therapy with minimum of two years of experience following graduation.

Science, applied, see engineering

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). (a) General program, three years from senior matriculation. (b) Professional program, four years from senior matriculation. Available in biochemistry, chemistry, computing science, entomology, geography, geology, mathematics, microbiology, physics, psychology, zoology. (c) Honors program, four years from senior matriculation. Available in biochemistry, botany, chemistry, computer science, entomology, genetics, geography, geology, geophysics, linguistics, mathematics, applied mathematics, microbiology, pharmacology, physics, applied physics, physiology, psychology, statistics, zoology, and combinations of these. (d) Students who intend to proceed to MD or DDS degree may follow a prescribed program in two pre-professional years to qualify for the BSc at the end of a further two years in the faculty of dentistry.

Faculty of graduate studies and research

Master of science (MSc). At least two years from general BSc, or one year from honors BSc. Available in botany, chemistry, computing science, genetics, geography, geology, linguistics, mathematics, meteorology, microbiology, physics, mathematical physics, psychology, statistics, zoology.

Doctor of philosophy (PhD). At least two years from MSc or three years from honors BSc. Available in botany, chemistry, computing science, genetics, geography, geology, linguistics, mathematics, microbiology, physics, mathematical physics, psychology, statistics, zoology.

THEOLOGY

Degree and continuing education programs in theology offered by St. Stephen's College, Edmonton, an affiliated college.

COMBINED COURSES

Combined courses in science and dentistry enable a student to obtain two degrees in less time than if the two courses were taken separately.

EXTENSION PROGRAMS

For university credit

Evening credit program — undergraduate and graduate courses primarily in arts and education offered during the winter session at various off-campus centres. Spring session and summer session — undergraduate and graduate courses which can be justified by enrolment are offered primarily towards degrees in education, arts, science, graduate studies, and commerce. Teachers proceeding toward a first degree, graduate work, or toward a diploma in education can do so through summer session courses.

For no university credit

The department of extension offers over 300 continuing education courses, classes, and seminars for adults who wish to gain new insights into the world around them or to expand their knowledge and skills in liberal studies; business, technical, and professional studies; community resources development; fine arts; human relations; and public administration. Of the 13,053 students enrolled, over 3,130 are in programs leading to certificates. Two service divisions reinforce the work of the department — the extension library which maintains a collection of 75,400 volumes available to users across the province, and the educational media division which maintains libraries of films, slides, filmstrips, records, videotapes, and cassette tapes, and offers instruction in education through the use of these media.

RESEARCH INSTITUTES The Boreal Institute for Northern Studies. The principal function of the institute is to promote support or conduct scientific research throughout the Canadian North. By virtue of its location, the institute has a particular interest in the northern part of the province of Alberta. The institute's activities include the financial support of short-term field research which is awarded annually to individual scholars. Longer-term and more comprehensive research programs are also operated under the aegis of the institute. The institute maintains a library which also serves as an information centre on existing material concerning the North. Inquiries regarding the work of the institute should be addressed to the director and those for information from the reference service, to the librarian.

Cancer Research Unit (McEachern Laboratory). The research program of the unit is concerned primarily with the chemotherapy of cancer; major areas of interest are development of new drugs, and basic biochemical studies of tumor cell metabolism and drug mechanisms of action. Operating funds are provided by the National Cancer Institute of Canada. Through appointments held by its professional staff, the unit has affiliations with the department of biochemistry and with the Dr. W.W. Cross Cancer Institute. Several postdoctoral research fellowships are available each year.

Institute of Law Research and Reform. The institute was established to promote law reform, particularly at the provincial level, and to encourage legal research in co-operation with the faculty of law.

Centre for the Study of Mental Retardation. The centre is a multidisciplinary research institute sponsored by the university and the Canadian Association for the Mentally Retarded. Its purposes are to: (a) develop a centre staffed by research scientists probing problems of intellectual subnormality; (b) encourage faculty and graduate students to carry out investigations; (c) secure financial and other support for approved research projects; (d) publish and disseminate the findings of such research. The centre provides assistance for scientists conducting studies on mental retardation and the treatment and education of mentally retarded children.

Nuclear Research Centre. The centre conducts studies to determine the fundamental properties of the nucleus of atoms. The central facility for research is a six-million-volt Van de Graaff accelerator. In addition the present staff is directly involved in the construction of a 500-million-electron-volt cyclotron at Vancouver. The centre offers research fellowships to physicists for research in nuclear physics.

Surgical-Medical Research Institute. The institute offers facilities for members of the clinical faculty in the field of experimental

medicine. Facilities are available for research fellows in clinical departments to conduct projects under the supervision and direction of the faculty. The institute offers a one-trimester postgraduate course in experimental surgery.

Institute of Theoretical Physics. The institute was established to promote research in theoretical physics. The research interest ranges over astrophysics, statistical physics, physical acoustics, general relativity, etc. The permanent membership is comprised of the university staff actively engaged in research in theoretical physics. There are currently about a dozen postdoctoral fellows carrying out research under the sponsorship of the institute, which offers in addition, special visiting fellowships to physicists of distinction.

Centre for Advanced Study in Theoretical Psychology. The centre was established as a primarily postdoctoral research organization devoted to the clarification of conceptual problems in psychology and for investigation of the field's theoretical-philosophical presuppositions. The centre's activities, which relate to annual themes of interest, include regular seminar meetings, a program of visiting scholars, occasional conferences, staff research projects, and graduate studies.

CONSTITUENT COLLEGE Collège universitaire Saint-Jean, 8406-91 Street, Edmonton, Alberta T6C 4G9. Dean: F.J. McMahon, BA, MTh. Co-educational. Founded as a private institution in 1911, affiliated with the university in 1963, established as a constituent college in 1970. The college offers a bilingual program towards the BA, BEd, and BSc degrees.

AFFILIATED COLLEGES St. Joseph's College, Edmonton, Alberta. Rector: Rev. J.B. Courtney, CSB, MA. Roman Catholic (Basilian Fathers). Co-educational. Established 1926 as an affiliate of the university with the right to offer undergraduate courses in philosophy and history. The college offers courses in philosophy and Christian theology. Residence for men only.

St. Stephen's College, Edmonton, Alberta. Principal: Rev. G.M. Tuttle, BA, BD, ThD, DD. United Church. Co-educational. Established 1927 through the union of Robertson College (1910) and Alberta College South. Affiliated with the university since 1909. Offers certain courses for credit towards degrees at the university as well as conferring degrees in theology and providing courses in continuing education for ministry.

Affiliated under the regulations relating to community colleges:

Camrose Lutheran College, Camrose, Alberta. President: K.G. Johnson, BA, BD, STM. Lutheran. Co-educational. Established 1959 and affiliated to the university as a junior college. Two years of instruction after senior matriculation.

Canadian Union College, Lacombe, Alberta. President: N.O. Matthews, BSc, BT, MEd, PhD. Seventh-Day Adventist. Established in 1907 and affiliated with the university in 1971. One year of instruction after senior matriculation.

Concordia Lutheran College, Edmonton, Alberta. President: R.A. Frantz, BA, Bd. Lutheran. Co-educational. Established 1921 and affiliated to the university in 1968. One year of instruction after senior matriculation.

Grande Prairie Regional College, Grande Prairie, Alberta. President: H.M. Anderson, BEd, BA, PhD. Non-denominational. Co-educational. Established 1966 and affiliated to the university as a junior college. One year of instruction after senior matriculation.

Red Deer College, Red Deer, Alberta. President: Mervyn Eastman, BEd, BA, MEd, MBA, DBA. Non-denominational. Co-educational. Established 1964 and affiliated to the university as a junior college. Two years of instruction after senior matriculation.

(Only arts, science, physical education, and education programs offered in second year.)

Also affiliated to the university are the following non-university institutions: the University Hospital (Edmonton), the Glenrose Provincial General Hospital (Edmonton), the Research Council of Alberta, the Provincial Laboratory of Public Health, and the Western Board of Music.

ATLANTIC INSTITUTE OF EDUCATION

5244 South Street, Halifax, Nova Scotia

Telephone: 902-425-5430

PRINCIPAL OFFICERS Chairman, board of governors — J.J. MacDonald, BSc, MA, PhD. Director — Joseph Lauwers, BSc, DSc, DLit, FRIC.

BACKGROUND AND GENERAL INFORMATION Towards the end of 1969 the legislature of the province of Nova Scotia unanimously passed the Atlantic Institute of Education Act. To date other Atlantic provinces have not taken similar action, therefore, funding has come from Nova Scotia only. It is anticipated that the government of Nova Scotia will enter into an agreement with one or more of the governments of New Brunswick, Prince Edward Island and Newfoundland for the continuance, operation and financing of the institute. In June 1970, the lieutenant-governor-in-council passed the necessary order which established the institute.

The aims of the institute, as stated in the act, are: (a) to promote co-operation among all institutions, universities, colleges and persons concerned with the education of teachers; (b) to sponsor and provide overall planning and development in relation to the education of teachers with a view to avoiding duplication of effort; (c)

to make available tangible and human resources to assist and advance the education of teachers; (d) to provide for, advance, promote and assist research in relation to the education of teachers and, generally, in the field of education; (e) to do all things that promote and advance the foregoing objects or that properly relate to an institute of education.

BOARD OF GOVERNORS The Board of Governors of the Atlantic Institute includes 12 members and two official observers. The members include representatives of the Association of Atlantic Universities (1); the teaching profession (2); the provincial department of education (2); the minister of education (1); the deans or heads of faculties of education (2); the Nova Scotia Association of Students in Education (1); the Nova Scotia School Boards Association (1); the director and the assistant director. The official observers represent the Nova Scotia Association of Students in Education (1) and the Nova Scotia School Boards Association (1).

INCOME The operating income for the fiscal year 1972-73 is \$368,000 [government grant (Nova Scotia), \$302,000; Donner Canadian Foundation, \$66,000].

CALENDAR AIE brochure describes the staff, history, programs of study and admission requirements. Available on request.

ACADEMIC YEAR The degree programs at the Atlantic Institute are twelve-month experimental courses commencing September 1st and ending August 31st of the following year.

STAFF AND BUILDING In September 1972 the AIE will have a full-time staff complement of 20 which is expected to remain constant for some time. The institute is housed in a 19-room house in the south-end of Halifax (population approximately 130,000) which contains offices, meeting rooms and teaching areas.

FEES AND COSTS Bachelor of education program (special education), \$1,000 per year, master of education program (special education), \$1,200 per year.

PROJECTS, COURSES AND DEGREES

COUNSELLOR EDUCATION

A co-operative two-year master's program in counsellor education (MEd) was implemented in September 1972 with an enrolment of 12 students. This program builds upon the results of the developmental year of 1971-72 experiences and incorporates such aspects as paraprofessional courses, in-service training and co-operative research.

LIGHTHOUSE LEARNING

The purpose of the lighthouse learning project is to promote excellence in education by finding ways to develop human and material resources which exist already in our schools and communities.

Two members of staff were engaged during 1971-72 on this project. They have visited schools throughout Nova Scotia, New Brunswick and Prince Edward Island and have been meeting with teachers, principals, supervisory personnel, inspectors, teachers' federations, people involved in developing community schools, museum personnel, university educators, professional people in theatre, music, art and crafts, and lay people interested in education.

The Donner Canadian Foundation has made a grant of \$158,000 over a three-year period, specifically for the lighthouse learning project. The grant will be used in all of the Atlantic provinces and it is hoped that they in turn will provide additional support resources for lighthouse projects.

SPECIAL EDUCATION

After numerous meetings with special educators, teacher educators, and resource personnel from across Canada, a program was initiated in September 1971 in special education. It is an experimental 12-month co-operative program with other Nova Scotia universities, and attempts to co-ordinate existing resources into an integrated program.

During the first year of the experimental program, 13 students were prepared at the BEd level to teach in the schools of the Atlantic provinces, and more particularly, to serve the general educational needs of exceptional children. Twenty-three students are enrolled in the BEd program for 1972/73.

An MEd program in special education commenced in September 1972 with an enrolment of 6 students.

ATLANTIC SCHOOL OF THEOLOGY

640 Francklyn Street, Halifax, Nova Scotia

Telephone: 902-423-6939

PRINCIPAL OFFICER Principal – Rev. Lloyd Robertson, BA, BTh, MEd.

BACKGROUND AND GENERAL INFORMATION The Atlantic School of Theology was founded in the spring of 1971. Founding parties were King's University, Pine Hill Divinity Hall and Holy Heart Theological Institute. With the beginning of the 1971-72 academic year, the school took on the responsibilities for theological education which were formerly fulfilled by the founding institutions. Besides the work of preparing candidates for ordination, AST offers programs in continuing education for both laity and clergy. The school has associate membership in the American Association of Theological Schools.

BOARD OF GOVERNORS AND SENATE The Board of Governors has 15 members, with each of the founding parties naming 5, including representation from the faculty and student body. The board has the management and control of the school and of its property, revenue, expenditures and affairs and has all powers necessary or convenient to perform its duties and to achieve the objects of the school.

The Senate has as members all full- and part-time members of

faculty, as well as student representation, for a total of 18 members at present. Its functions are those normally proper to such a body.

PUBLICATIONS Annual calendar and brochures.

ACADEMIC YEAR First term: September 18 – December 20; second term: January 14 – April 13.

BUILDINGS AND GROUNDS The school is located in Halifax, a city of 130,000 people. Main campus is on the north-west arm of Halifax Harbor.

LIBRARIES The Atlantic School of Theology library now houses the Pine Hill Divinity Hall and the Holy Heart Theological Institute collections giving a total of 57,140 volumes and 303 periodicals by yearly subscription.

The theology collection of The University of King's College is available to students of the Atlantic school and this numbers an additional 18,450 volumes.

GRADING SYSTEM Honors pass, pass, and fail.

FEES AND COSTS \$600 for full-time students; \$60 per one-term course for part-time students.

ADMISSION REQUIREMENTS, COURSES AND DEGREES

The Atlantic School of Theology is a graduate school with its basic degree program leading to a master of divinity degree. Normal entrance requirement to the basic degree program is the attainment of the bachelor's degree from a recognized university.

Under certain conditions older candidates may be admitted to the program which will lead to a bachelor of theology degree.

In addition to these programs, the Atlantic School of Theology offers a master of theological studies program, designed primarily for persons who, while not seeking preparation for the ordained ministry, do want a more profound penetration into the various

theological sciences and their sources. Entrance to this MTS program requires a previous bachelor's degree and may be carried out on a full- or part-time basis.

Clergy may enter into a master of theology program following upon their achieving a master of divinity degree. This MTh program may have emphasis more on the directly academic or on pastoral care.

EXTENSION PROGRAMS Besides the degree programs (MTS, MTh) for clergy and laity interested in continuing education, the school also offers programs of a non-degree nature to interested groups. These are developed as needs are made known.

BISHOP'S UNIVERSITY*

Lennoxville, Quebec

Telephone: 819-569-9551

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — J.H. Price, SM, OBE, MC, DCL. Principal — D.M. Healy, MA, PhD.

GENERAL INFORMATION Bishop's University is a non-denominational, co-educational institution. Control of the university is under the jurisdiction of a corporation and a senate.

BACKGROUND Bishop's University was founded in 1843 by the Right Reverend G.J. Mountain, third bishop of Quebec, as a liberal arts college. In 1853 it was constituted a university with the power to grant degrees. Teaching began in 1845 and the first degrees were awarded in 1855.

The university remained under the control of the Church of England until 1947; it is now controlled by a corporation with jurisdiction over business affairs. There is a senate which governs the academic work of the university subject to the jurisdiction of the corporation.

PUBLICATIONS Calendar; summer school brochure; brochure for certificate in industrial management.

ACADEMIC YEAR Semester credit system. Fall session: September to Christmas. Winter session: January to May. Summer session: early July to mid-August.

BUILDINGS AND GROUNDS Bishop's is attractively situated at Lennoxville (population approximates 4,000) amid the rolling hills of the Eastern Townships of southern Quebec. The campus occupies 310 acres. Bishop's is a predominantly residential university. The residential aspect and small size of the university encourage an informal atmosphere in academic and social situations. In addition to the usual academic buildings, library (over 110,000 volumes), chapel, gymnasium, students' centre, bookstore, artificial ice arena, theatre, etc., homes for some of the faculty are provided on the campus.

STUDENT RESIDENCES Accommodation in single rooms is provided in three new residences: Munster hall; Kuehner hall and Abbott hall. There is accommodation for 326 men and 234 women.

LIBRARY The John Bassett memorial library houses a growing collection of 110,000 books, over 1,200 current periodicals and many government publications and microforms. The library was opened in 1959. In 1970 an addition was completed which doubled the size of the building. It provides generous space for the general services of the library and accommodates over 500 readers with comfortable study and lounge areas. Among the holdings of the library is a valuable Eastern Townships historical collection of books, periodicals and pamphlets dealing with the history, geography and literature of the area.

*Ordinary member, AUCC.

STUDENT LIFE Bishop's has developed a diversified athletic and recreational program which makes use of facilities on the campus and in the surrounding area. Inter-university sports are available including football, soccer, basketball, skiing, golf, tennis, curling and field hockey. Intramural sports include flag football, tennis, cross-country skiing, golf, volleyball, hockey, basketball, badminton, broomball, squash, floor hockey and softball. Individual sports, with rifle shooting, judo, karate, skiing, curling and swimming are also available. A variety of entertainment and events of cultural interest are sponsored at Bishop's; dramatic and music productions and symposia are held in the Centennial theatre. Students publish a weekly newspaper, and broadcast a weekly radio program. Academic clubs, political clubs, social service clubs and a film society are available on campus. Student activities extend outside the campus in various ways. The Students' Executive Council maintains an exchange program with Acadia University and The University of Alberta. Bishop's is a regular participant in the World University Service of Canada seminars, Canadian Crossroads international summer programs and Canadian University Service Overseas.

MEDICAL SERVICES The university operates a student health service for all students, both resident and non-resident.

STUDENT COUNSELLING SERVICES A chaplaincy service is officially supported by the Anglican, United and Roman Catholic Churches but is available to service the religious and personal needs of any student.

UNIVERSITY BOOKSTORE The university bookstore handles textbooks and caters to the demands of the community for auxiliary supplies.

STUDENT EMPLOYMENT Assistance in career placement is provided by the placement office. The office provides information on job openings, arranges contacts with representatives from business, industry, government, community services and universities, and assists students in presenting credentials.

STUDENT GOVERNMENT The Students' Executive Council consists of five students elected by the Students' Association. The council serves its constituents on a broad scale by carrying out the duties necessary to establish student representation in university governing bodies and committees, and by maintaining a variety of activities and organizations of interest to students.

GRADING SYSTEM Standing is graded as follows — first-class: 80% and over; second-class: 65-79%; third-class: 50-64%; failure: below 50%.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Bishop's offers 62 entrance scholarships, ranging in value from \$300 to \$4,000, available by competition to students with honors standing. A student loan fund is administered by the university. Except in special circumstances grants from this fund are not awarded to first-year students. These loans are interest-free until six months after leaving the university. Loans are also offered by the department of education of the government of Quebec. A small number of bursaries are awarded to deserving applicants.

FEES AND COSTS Tuition fees per year: full-time undergraduate, arts, \$530; education, \$420; science, \$595; graduate, 1st year \$530, 2nd year \$125; part-time (per subject), \$130. Summer school fees: tuition (per course), \$45; three courses, \$125; room and board, \$275.

Residence rates, board and room: \$1,050.

ADMISSION REQUIREMENTS The following are the normal admission requirements. Six credits are normally awarded for a two-semester course and three credits for a one-semester course. A pass degree program requires 90 credits, an honors program 96 credits.

Basis of application — CEGEP/collegial diplôme d'études collégiales or diploma of collegial studies — 90 credits required for bachelor's degree; for science, completion of (or in the process of completing) collegial-level biology, chemistry, mathematics and physics. Basis — Canadian senior matriculation certificate (for university arts program) — 96 credits required for bachelor's degree; four or five acceptable senior matriculation subjects with an average of 60%; with four subjects a 96-credit program is required — with five subjects a 90-credit program is required. Basis — Canadian senior matriculation certificate (for university science program) — 120 credits required for bachelor's degree less academic prerequisites earned; completion of (or in the process of completing) collegial-level biology, chemistry, mathematics and physics; six prerequisite credits are awarded for each full-year course.

Basis of application — US grade 12 (for university arts program) — 120 credits required for bachelor's degree for applicants with no advanced placement credits; 102/96 credits required for bachelor's degree, two advanced placement credits; 96 or 102 credit program required, depending on high school academic record; 90 credits required for bachelor's degree, three advanced placement credits. Basis — US grade 12 (for university science program) — 120 credits required for bachelor's degree less advanced placement credits earned; six prerequisite credits are awarded for each advanced placement science course with a grade of 3 or better. Basis — GCE (for university arts program) — 90 credits required for bachelor's degree, two A level and three O level or three A level and two O level; one subject must be English, no subject may be counted at both levels; all subjects must be of grade C or better. Basis — GCE (for university science program) — 120 credits required for bachelor's degree less prerequisites earned; five GCE examinations which must include English, mathematics, physics, and chemistry, at least two of which must be at A level; six prerequisite credits are awarded for each A-level science course with a grade of C or better. Basis — college of applied arts and technology diploma — 90/60 credits required for bachelor's degree; diploma must indicate an acceptable academic background; applicants who have successfully completed a two-year program enter the 90-credit university program — applicants who have successfully completed a three-year program enter the 60-credit university program.

Basis of application — US junior college graduates — 90/60 credits required for bachelor's degree; junior college record must indicate an acceptable academic background; applicants who have successfully completed one year enter a 90-credit program — applicants who have successfully completed two years enter a 60-credit program. Basis — transfers from other universities — 120 credits required for bachelor's degree less credits awarded for work completed elsewhere; successful academic record required; applicants will be entered on the basis of the program completed elsewhere.

For admission to courses leading to a first degree in divinity and education, a bachelor's degree is required. Early admission will be made in April or June.

Graduate

For admission to graduate study, a student must have obtained a degree with specified grades in appropriate subjects.

COURSES AND DEGREES

ARTS

Bachelor of arts (BA). (a) Pass course, three university years. Areas of emphasis: classics, economics, English, French, geography, Greek, history, Latin, mathematics, philosophy, political science, psychology, sociology, theology, and combinations of these. (b) Honors course, two collegial years and three university years from junior matriculation, available in classics, economics, English, French, geography, history, Latin, mathematics, modern languages, philosophy, political science, psychology, sociology, theology, and combinations of these.

Master of arts (MA). At least one year from an honors bachelor's degree or two years from a pass bachelor's degree. Available in English, history, and theology.

BUSINESS ADMINISTRATION

Bachelor of arts in business administration [BA(Business Administration)]. Pass and honors courses, three university years.

Commerce, see business administration above

EDUCATION

Graduate school of education

Class I certificate. Postgraduate year after completion of arts or science degree.

Master of arts (MA). At least one year from an honors bachelor's degree or two years from a pass bachelor's degree.

Master of education (MEd). Two years from a bachelor's degree plus two years of teaching experience. May be taken entirely at summer sessions.

SCIENCE, PURE

Bachelor of science (BSc). Pass and honors courses, two collegial years and three university years from junior matriculation. Areas of emphasis: biology, chemistry, mathematics, physics, and combinations of these.

Master of science (MSc). At least one year from an honors bachelor's degree or two years from a pass bachelor's degree. Available in biology and chemistry.

THEOLOGY

Licentiate in sacred theology (LST). One year, if taken following BA in theology at Bishop's University, otherwise, two years from the BA degree.

Bachelor of sacred theology (STB). Three years from BA degree.

Master of arts (MA). At least one year from an honors bachelor's degree or two years from a pass bachelor's degree.

Bachelor of divinity (BD). Awarded on recommendation of board of examiners of general synod of Church of England in Canada.

Doctor of divinity (DD). Awarded on recommendation of board of examiners of general synod of Church of England in Canada.

EXTENSION PROGRAMS

For university credit

Summer school — for the benefit of teachers, the university conducts a summer session during which graduate courses with credit towards the degree of MEd are offered. The session is of six weeks' duration. Four summer sessions are usually necessary to meet the course requirements for the MEd degree.

BRANDON UNIVERSITY*

Brandon, Manitoba R7A 6A9

Telephone: 204-727-5401

Telex: 0350272

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — Stanley Knowles, BA, BD, MP. President and vice-chancellor — A.L. Dulmage, BA, MA, PhD. Vice-president — W.G. Wong, BSc, MA.

GENERAL INFORMATION Brandon University is a co-educational, non-denominational, government-supported institution.

BACKGROUND Brandon University is the outgrowth of Brandon College, which was originally organized in 1899 by the Baptist Union of Western Canada. In 1938 it became non-denominational and was reorganized as Brandon College Incorporated. Teaching at the college began in September 1899. From 1899 to 1910 the college was affiliated to The University of Manitoba; from 1911 to 1938 it was affiliated to McMaster University. From 1938 to 1967 the college was affiliated to The University of Manitoba which granted degrees to students of the college.

The authority for the organization of Brandon University is The Universities Establishment Act of the legislative assembly of the

province of Manitoba of 1966, and an order-in-council under the act passed in January 1967. The order-in-council provides for a board of governors and a senate. The board of governors is responsible for the business management, and the senate is responsible for academic policy.

BOARD OF GOVERNORS The Board of Governors at the university has 15 members, eight of whom are appointed by the lieutenant-governor-in-council, two are elected by members of the Brandon University Association, one is elected by the alumni, one is elected by the senate and one is elected by the Students' Union. The chancellor (chosen by the senate) and the vice-chancellor (president) are members ex officio. The comptroller is secretary of the board. The board is responsible for the business and financial management of the university.

SENATE The Senate at the university has 31 members: the chancellor, the vice-chancellor (president), the deputy minister of education (or designate), deans and directors (six), and the director of library services are members ex officio; one is appointed by the board of governors, one representative is elected by each faculty or school (four), six professors or associate professors are elected by the faculty at large, two assistant professors or lecturers are elected by the faculty at large, and eight students are elected by the student body. The registrar is secretary of the senate. Senate is responsible for academic policy.

INCOME (1971-72) Total operating income: \$3,800,000 (student fees, 21%; provincial and federal grants, 65%; services, 11%; other sources, 3%).

*Ordinary member, AUCC.

PUBLICATIONS General calendar which includes all faculties; summer school and spring session calendar; evening session calendar; faculty calendars and brochures; — available from registrar's office. President's report (annual); Quill, students' weekly newspaper; Sickle, students' yearbook; Alumni News, quarterly by the alumni association; Connexion, bi-monthly, general university news by information services.

ACADEMIC YEAR Winter session — second week of September to the last week of April, 2 terms; spring session — seven weeks in May and June; summer session — seven weeks in July and August.

BUILDINGS AND GROUNDS Brandon University is situated in the western section of the City of Brandon (population, 1972 — estimate 36,000) with a site of approximately 18 acres. The original buildings now house administrative and faculty offices with the original science building serving as a drama centre. New buildings constructed since 1960 include a library and arts building, a 300-seat lecture theatre, a music building, an education building, three residences and dining-hall, physical education building, Western Manitoba Centennial Auditorium, and J.R. Brodie Science Centre. Special research facilities are housed in the J.R. Brodie Science Centre and at the H.S. Perdue Wildlife Research Station at Plum Lake, 45 miles from campus.

STUDENT RESIDENCES Accommodation is available in a ladies' residence for 150, a men's residence for 150, and a co-educational residence tower for 280 students. An adjoining dining-hall and cafeteria serve 1,000 students. The university housing office also provides a housing register of accommodation available in private homes.

LIBRARIES There are three main libraries on campus: the main library provides general services, with emphasis on service to the arts and science faculties; the music library houses a collection of books, periodicals, scores and sound recordings; the Christie library, with emphasis on service to the faculty of education, houses a collection of professional books and journals, a curriculum collection and a demonstration school library collection. The total campus library collection consists of 120,000 volumes, including 2,500 journal titles.

STUDENT LIFE All full-time students are members of the students' union which has vested in it all legislative functions of student government to promote welfare of student body. Any student in good standing is eligible to run for election to the university senate. Students serve on numerous senate committees. Athletics for men and women, both intramural and varsity, are many and varied: football, soccer, cross-country, basketball, swimming, wrestling, indoor and outdoor track, hockey, baseball, tennis, golf, badminton, gymnastics, skiing.

The university gives support to religious life of students in many ways; affords use of university facilities for student groups of all faiths and co-operates with official agencies of the various faiths of students. Approximately 60 special interest student organizations are active on campus.

MEDICAL SERVICES Medical and nursing consultation is available on campus at fixed hours each week.

STUDENT COUNSELLING SERVICES The department of counselling services provides personal counselling for all students and refers students who require academic, medical, psychiatric or

spiritual advice to appropriate advisers. The department also assists students in obtaining part-time and summer employment.

UNIVERSITY BOOKSTORE Located in the Umphrey centre, the bookstore carries, in addition to textbooks, a wide range of reference and general paperback titles, stationery and supplies.

STUDENT EMPLOYMENT Both Brandon University, through its student counselling services, and the Canada Manpower Centre, through its offices on campus, make available a wide variety of advice and practical assistance to students regarding career planning and vocational choice. Graduating students may meet with prospective employers through a program of on-campus interviews conducted by leading industrial firms. Assistance is also provided for students seeking part-time or seasonal employment.

STUDENT UNION The Brandon University Students' Union Inc. initiates academic, social and leadership programs for all students attending Brandon University. The B.U.S.U. is headed by the Student Council composed of a president, vice-president external, vice-president internal, treasurer, secretary, activities director, sticks of the four faculties or schools, athletic representative, and two councillors-at-large. All positions are elected annually, in late January. The B.U.S.U. is vitally concerned with making itself relevant in the university community. It has representatives on the university senate and board of governors.

The B.U.S.U. continues to offer a complete program of social activities, which are planned under the direction of the activities director. The intramural athletic program on the campus is co-ordinated by the athletic council, whose chairman sits on the B.U.S.U. council. The B.U.S.U. is a member of the World University Service of Canada, Inter-Varsity Christian Fellowship, campus and counterparts of the national political parties. The B.U.S.U. was incorporated in the fall of 1969, by an act of the Manitoba legislature. It now functions under law of the Companies Act of the province, and the constitution is set up in the form of corporate by-laws. The offices of the students' union are located in the basement of the high-rise residence.

GRADING SYSTEM All faculties use a 4-point grade system. A+, A, A-, 4 points; B+, 3.5 points; B, B-, 3 points; C+, 2.5 points; C, 2 points; D, 1 point; F, 0 points. A grade point average of 2 is necessary for graduation.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Awards and financial assistance are based on academic qualifications or need, or a combination of the two. All students are considered for assistance. Applications for admission and financial aid are to be submitted to the registrar.

FINAL EXAMINATIONS In general, final examinations are held at the close of a term (viz., December and April for the winter session). In certain instances final grades may be based entirely on term work. The practice of supplemental examinations has been discontinued, but in cases where a student is unable to write an examination, or has failed to achieve a mark considered to be representative of his/her ability as demonstrated throughout the duration of the course, at the discretion of the department and the dean, the student is allowed to sit a special examination.

GRADUATION Degrees are conferred by the chancellor in May and October.

FEES AND COSTS Tuition fees are \$85 per full course or

\$425 for a full year in all faculties. Residence fees: \$22 - \$26.25 per week or \$722 - \$800 per year. Brandon University Students' Union Inc. fee (regular term only). All students enrolled in the equivalent of three or more full courses are required to pay the B.U.S.U. fee. Students enrolled in less than three full courses who wish to join the students' union may do so by applying directly to the student union office and paying the full fee of \$40. The student fee is for the following purposes — student union building fund, \$10; student union general operation, \$25; athletic fee, \$5.

ADMISSION REQUIREMENTS

Canadian students - undergraduate

1. Grade 12 graduation as recognized by the provincial department of education with the following conditions: a) combinations in the same or similar subject areas are not permitted; b) at least two of the courses must be 300 courses. Equivalent certificates from other provinces.

2. Tests for admission. SACU test scores are recommended.

3. Specific requirements. Agriculture 1 — chemistry 300, mathematics 300, English 300 or 301 and two electives are required. Applicants with English 301 must have an additional 300 course. Students who successfully complete agriculture 1 are admitted to the second year of the agriculture degree program at The University of Manitoba. Education — applicants must submit two letters of reference; applicants must submit a 1,000-word autobiography; some applicants may be requested to present themselves for an interview. Music — a) music education — applicants must show proficiency on a musical instrument (or voice) to approximately the level of grade VII or VIII Western Board; b) applied music — honors in grade X Western Board examinations (piano, organ, voice, strings) or grade IX (woodwinds and brass) or equivalent. Theory prerequisite, students are expected to have some knowledge of theory. Applicants are expected to perform at a satisfactory level in an audition and to pass an entrance test.

Foreign students

Certificates equivalent to the standing required for Canadian students. UK and Commonwealth: GCE with two or three subjects at A level or equivalent; students whose mother tongue is not English must pass an English-language proficiency test to be eligible for admission. Applicants submitting the international baccalaureate will be considered for admission. Last date for receipt of applications is July 4.

Mature students

Only candidates who have reached the age of 21 by September 1 of the winter session, and July 1 of the summer session in which they wish to register, will be considered. The program is intended for those persons who do not have the qualifications necessary to gain entrance as regular students.

COURSES AND DEGREES

ARTS

Faculty of arts

Bachelor of arts (BA). General course, three years from senior matriculation.

EDUCATION

Faculty of education

Bachelor of teaching. A three-year course for high school graduates.

Certificate of education. First of two years of work towards the BEd degree in full-time course. Open to holders of BA, BSc, or other bachelor's degree, or to a person within one year of completion of such a degree. Successful candidates are awarded a certificate of the Department of Education.

Bachelor of education. The second year of work is offered in extension courses on a part-time basis. Holders of a bachelor's degree may obtain the BEd.

MUSIC

School of music

Bachelor of music (BMus). With specialization in music education or performance, four years from senior matriculation.

SCIENCE

Faculty of science

Bachelor of science (BSc). General course, three years from senior matriculation.

Wildlife biology certificate. One year beyond BSc graduation with a zoology major.

EXTENSION PROGRAMS

For university credit

Evening and Saturday classes — undergraduate classes in arts, science, and education. Write to director of evening session for complete details.

Summer school — courses offered in arts, science and education for undergraduates proceeding to a degree and for teachers who may wish to improve their professional qualifications. Write to director of summer school for complete details.

For no university credit

Diploma and certificate courses not requiring matriculation – certificates in music under the program of the Western Board of Music, and of the Toronto Conservatory of Music. General interest courses – music, oral French, etc.

The IMPACTE program – Indian Metis Project for Careers Through Teacher Education – is designed for Indian and Metis students. It aims to produce fully qualified-certified teachers through the faculty of education to teach Indian and Metis children. Indian and Eskimo summer school program – this program, five summers in length, is designed to meet the emergency need for native teachers.

BRESCIA COLLEGE*

(Affiliated with The University of Western Ontario)

London 72, Ontario

Telephone: 519-432-8353

Direct general correspondence to the registrar

PRINCIPAL OFFICER Principal – Sister Arleene Walker, BA, MA.

GENERAL INFORMATION Brescia College is an undergraduate arts college, offering in co-operation with the university's faculties of arts and social sciences all the general and some of the honors arts programs of the university.

BACKGROUND Brescia College was established by the Ursuline Sisters and affiliated with The University of Western Ontario in 1919 as a women's college under Roman Catholic auspices, though open to students of all faiths. The original name of Ursuline College was officially changed in 1963 to that of Brescia College. The first degrees were conferred on its graduates by The University of Western Ontario in 1923.

Brescia operates the department of home economics for the university (the latter offering the science courses prescribed in the program of home economics) from which students graduate with

a BA. All Brescia College graduates receive the BA degree granted by The University of Western Ontario.

SENATE AND BOARD All academic matters come under the jurisdiction of the Academic Senate of The University of Western Ontario, on which the college has two voting representatives in accordance with the University Act of 1967. The board is composed of 16 members, 11 of whom are from the London community, plus representatives of alumnae, faculty, students and Ursuline Sisters, chosen by these groups, and the principal ex officio. Its chief function is to advise in financial affairs.

INCOME All capital income and a minimum of 25-30% of operating income must be found by the Ursuline Sisters who own and operate the college. The balance of operating income derives from student fees and provincial government operating grants.

ACADEMIC YEAR Winter session, early September to mid-May.

BUILDINGS AND GROUNDS The main residence building, which also accommodates some of the home economics laboratories, was opened in 1925, with a wing added in 1949. There are facilities for approximately 400 students. The Mother St. James memorial building, opened in 1963, provides administration offices, classrooms, laboratories, and auditorium. One wing of this building is the Bishop Michael Francis Fallon memorial library. The campus adjoins that of The University of Western Ontario (the population of London is approximately 220,000).

*Ordinary member, AUCC.

STUDENT RESIDENCES Brescia College offers residence only to students registered at the college. There are residence facilities for 174 students. Facilities include double rooms for first-year students, and single rooms for students who have completed first year. A cafeteria provides three meals a day for seven days a week.

LIBRARY One wing of the Mother St. James memorial building houses the Bishop Michael Francis Fallon memorial library.

STUDENT LIFE Brescia students share in all university activities; academic, social, athletic and cultural, with students from The University of Western Ontario. Student government is divided into the Brescia College Council, which administers student affairs within the college as a whole and sends representatives to the university student council, and the Brescia residence council, which concerns itself with residence life.

STUDENT SERVICES Student services provided by The University of Western Ontario are also available to Brescia College students.

GRADING SYSTEM Same as for The University of Western Ontario, see separate entry.

FEES AND COSTS Tuition and incidental fees per year — \$642.50. Preliminary year — \$692.50. Residence rates — \$1,050 for winter session, including room and board for seven days a week.

ADMISSION REQUIREMENTS Admission requirements for the general and honors programs and for home economics are the same as for The University of Western Ontario — see separate entry. Admission to preliminary year is from Ontario Grade XII or its equivalent and is based on percentage, rank-in-class, and principal's report.

COURSES AND DEGREES

Bachelor of arts (BA). a) General program in arts and social sciences, three years from senior matriculation. b) General program with home economics options, three years from senior matriculation. c) Honors program, four years from senior matriculation, available in English, French, history, philosophy, or any combination containing one of these. d) The college offers a preliminary program which is the equivalent of Ontario grade XIII. This program is co-educational.

THE UNIVERSITY OF BRITISH COLUMBIA*

Vancouver 8, British Columbia

Telephone: 604-228-2844

Cable: Grey point

Telex: 0453296

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – The Honorable Mr. Justice N.T. Nemetz, BA, LL.D. President and dean of inter-faculty and student affairs – W.H. Gage, CC, MA, LL.D. Deputy president – William Armstrong, BAsc, PEng, MCIM, FRSC. Deputy president and bursar – William White, CGA.

GENERAL INFORMATION The university is provincial, non-denominational and co-educational. It is governed by a board of governors, a senate, a convocation and a faculty council.

BACKGROUND A university for the province of British Columbia was first advocated in 1877; in 1890 an act of the legislature established The University of British Columbia. However, this endeavor failed when the first meeting of the senate lacked a quorum.

In 1899, Vancouver High School was affiliated to McGill University and in 1906, the McGill University College was formed to offer an expanded academic program. In 1908, the act of 1890 was repealed and a new act established and incorporated the new University of British Columbia. In 1915, the university took over the classes of the McGill University College; the first degrees were awarded in 1916.

BOARD OF GOVERNORS The board consists of 11 members, comprising the chancellor, the president, three members elected by the senate from its own members, and six members appointed by the lieutenant-governor-in-council.

SENATE The Senate is composed of (a) the chancellor; (b) the president; (c) the deans of faculties and one member of each faculty elected by the members of that faculty; (d) deans determined by the senate; (e) the librarian; (f) one member elected by the governing body of each affiliated college of the university; (g) four members appointed by the lieutenant-governor-in-council, only one of whom is an official of the department of education; (h) not less than six nor more than 15 members, determined by the senate are elected by convocation from the members thereof, who are not members of the faculties; (i) one or more members, determined by the senate, elected by any society or group or organization in the province which in the opinion of the senate contributes in a significant way to the economic or cultural welfare of the province; (j) a number of members, equal to the number provided in clauses (g), (h), and (i), elected by the faculties either in joint meeting or in such manner as the faculties in joint meeting may by regulation determine. Current membership is 99.

*Ordinary member, AUCC.

INCOME (1971-72) Total — \$84,018,775 (provincial grants, 63.7%; student fees, 11.9%; research grants, 15.3%; services, 4.6%; gifts, grants and bequests, 3.0%; miscellaneous, 1.5%).

PUBLICATIONS Calendars and brochures are available at the office of the registrar. Composite calendar of academic year; summer session calendar; independent study correspondence courses; extension credit courses.

ACADEMIC YEAR Winter session: early September to late April. Summer session: early July to mid-August. Intersession: early May to late June.

BUILDINGS AND GROUNDS The campus, consisting of 1,000 acres, is situated on the peninsula of Point Grey, Vancouver, bounded on three sides by the Gulf of Georgia. The population of greater Vancouver is approximately 800,000.

There are more than 65 buildings in which lectures are held, including some converted army huts used for teaching, library, administration buildings, gymnasium, auditorium; permanent student residences and temporary buildings housing a limited number of suites for married couples; faculty club and social centre; student union building, International house, Panhellenic house; graduate student centre. Also located on the campus are the provincial research council building, the federal fisheries, forestry, and agricultural sciences building and the following buildings: The Anglican Theological College of British Columbia, Union College of British Columbia — United Church (the two are now combined to form the Vancouver School of Theology), St. Mark's College (Roman Catholic), St. Andrew's Hall (Presbyterian), and Carey Hall (Baptist).

STUDENT RESIDENCES Residence accommodation is provided for the academic year (fall and spring terms), for single students on a room-and-board or room-only basis. All rooms are completely furnished, and all bedding is supplied, however, students are expected to bring their own towels. Information booklets containing further details are available on request. Family housing is provided in a limited number of unfurnished suites in Acadia Park and Acadia Camp. Conditions and rates are detailed in a booklet available from the office of director of residences.

Off-campus accommodation — the Alma Mater Society offers a student housing list as a service to its members. Special accommodation — the dean of women's office provides a limited service to women students who wish to work for their room and board. A file for such recommended accommodation may be consulted by students in the office of the dean of women. International House provides help in finding off-campus accommodation for foreign students.

Theological colleges provide a limited number of beds in the following residences: Carey Hall (Baptist), St. Andrew's Hall (Presbyterian), and Vancouver School of Theology (United). Fraternities offer limited accommodation.

LIBRARIES The University of British Columbia library is the largest university library in western Canada, with almost 2,000,000 volumes including microforms. It serves the university through a system of 12 libraries and a number of departmental reading rooms. The library has particularly strong holdings in the fields of Canadiana, English literature of the 19th and early 20th centuries, Chinese literature and history, forestry, fisheries, and Slavonic studies. Several of these collections are of international

importance. Especially strong are the collections of serial publications.

Sedgewick undergraduate library — this large collection of books, periodicals, and reference material has been carefully selected to serve students in most undergraduate arts courses, and in first- or second-year science and applied science courses. Although the main library is open to all students, the Sedgewick library is often the best and most convenient source of materials needed by undergraduates. Also provided are coin-operated photocopying machines, lounging areas and two floors of study space. Librarians are at the reference desk seven days a week to provide help in using and interpreting library materials. On the top floor of the Sedgewick library is the Wilson record collection and listening room.

In addition to Sedgewick, 10 other branch libraries offer specialized materials and reference service to students and faculty working in particular subject fields: Animal resource ecology library; Crane memorial library for the blind; Curriculum laboratory; MacMillan library; Law library; Mathematics library; Music library; Marjorie Smith (social work) library; Woodward biomedical library and Biomedical branch library.

STUDENT LIFE AND STUDENT UNION The Alma Mater Society with its governing executive, the Student Council, controls all student activities and is responsible for student discipline. Every student automatically becomes a member of the Alma Mater Society when he enrolls in the university and each faculty and school is represented on council. Members of Student Council are elected every spring to hold office through the next year. The Alma Mater Society publishes "The Ubyssy", the student newspaper which appears twice weekly; an introductory handbook about student affairs; and "Bird Calls", a student telephone directory. In addition several undergraduate societies publish technical journals of interest to their respective professions. The University Clubs Committee (U.C.C.) comprises representatives from each of the campus clubs (numbering nearly 100). The U.C.C. executive administers to these clubs' needs and directs their activities.

All women students in the Alma Mater Society are members of the Women's Athletic Association and are eligible to participate in the intramural and extramural women's athletic program. There are 13 extramural sports and 11 intramural sports. This program is run entirely by the students. All male students are members of the Men's Athletic Association and as such, have the opportunity to participate in the broad, 27-sport, extramural program. Athletics are administered by the Men's Athletic Committee formed of faculty, students and alumni representatives. The athletic director is responsible to the men's athletic committee for the implementation and direction of the sports program.

Fraternities and sororities are recognized by the senate of the university as student organizations. Fraternities are governed by the Inter-Fraternity Council composed of representatives of each of the fraternities and a member of the faculty. Membership in fraternities is by invitation. Sororities are governed by the Women's Panhellenic Association. Membership in sororities is by invitation.

Campus organizations serving students from abroad are: International house, World University Service of Canada (WUSC), Friendly Relations with Overseas Students (FROS).

MEDICAL SERVICES The Student Health Service comprises

an up-to-date out-patient department together with a 26-bed hospital. This facility is available to all students who are taking six units or more. In addition to providing medical and nursing care and investigation of any health problems arising in students, the health service also provides chest X-rays and various immunization procedures.

STUDENT COUNSELLING SERVICES Organized counselling services staffed by trained advisors are available for students either registered at the university or those considering registering. The counselling service offers the students an opportunity to discuss, in a confidential and professional setting, any matter that may be of concern to them. This might include concerns regarding vocational and educational choice, or students may wish assistance with concerns of a more personal nature that seem to be impairing their university performance. On matters dealing with course requirements and prerequisites for study programs for specific objectives, students should consult advisors in the faculty in which they are registered or plan to register. The office is open during the summer months and it is particularly desirable that students planning to enter the university secure an interview during June, July and August. In assisting students the office maintains an up-to-date library of calendars or bulletins of most of the major Canadian and American universities, together with a file on professional and vocational opportunities. Copies of the booklets "Career planning for students at the university" and "Student information bulletin" are available on request.

A program of voluntary aptitude testing is available to all students who are either attending the university or planning to attend. The purpose of these tests is to provide assistance to students in determining educational and vocational goals. The results of these tests will not, in themselves, indicate definite objectives. When measures of aptitude, achievement and interest are used in conjunction with other information, they often can assist students to choose satisfactory and realistic goals.

UNIVERSITY BOOKSTORE The bookstore is prepared to supply all textbooks, notebooks, instruments and general stationery required by students. At the end of each regular and summer session, the bookstore will repurchase from students used books in good condition up to the estimated requirements for the next regular session. These books will be accepted from students until May 31 for the regular session and to August 25 for the summer session.

The bookstore is operated on a self-sustaining financial basis with respect to both operating and capital development costs in accordance with the requirement of the government of the province of British Columbia.

STUDENT EMPLOYMENT The placement section of the office of student services assists university students to obtain part-time and summer jobs while attending The University of British Columbia. In addition, an active program of campus interviews is arranged with company representatives who are recruiting prospective graduates during their final year of study. The placement service is continued for alumni and new graduates on an individual basis after graduation. Information about companies, including job descriptions and company employment policies, is available in the reading room of the office of student services. Students are encouraged to avail themselves of this information and the placement service while attending university.

GRADUATE STUDENT ASSOCIATION All students of the faculty of graduate studies are subject to a membership fee of

\$26, which entitles them to use the facilities of the graduate student centre (the Thea Koerner house). The Graduate Student Association executive consists of seven members, two of whom are representatives on the Alma Mater Society Student Council. The objective of the Graduate Student Association is to promote and serve the social, intellectual, cultural and recreational activities of graduate students.

GRADING SYSTEM Standing is graded in each subject as: class 1, 80-100%; class 2, 65-79%; pass, 50-64% (60-64% in medicine); failed, below 50% (in medicine, dentistry, graduate studies, below 60%).

FINAL EXAMINATIONS Examinations are held in most courses in April except for those courses terminal in December. In most faculties supplemental examinations are provided and held in early August.

GRADUATION Degrees are conferred by the chancellor at congregation held in late May. Authorization for the granting of degrees is prerogative of senate which considers candidates in November and in May.

FEES AND COSTS Tuition fees per year: full time for first degree — agriculture, \$474; applied science, \$554; architecture, \$551; arts, \$457; home economics, \$459; social work (1st year), \$503; commerce and business administration (1st year), education, physical education, science, \$457; pharmacy (1st year), \$462; commerce and business administration (other years), \$535; dental hygiene, \$555; law, \$539; pharmacy (other years), \$540; dentistry, \$693; librarianship, \$508; medicine (first and second years), \$673, (third and fourth years), \$659; music, \$573; forestry, \$539; nursing, \$411; rehabilitation medicine (1st year), \$463, (other years), \$415; social work (2nd year), \$457; industrial arts emergency day, program, \$24; graduate studies, master's, and doctoral (1st year), \$455, each subsequent year, \$426; part time, \$30 per unit; summer session per 3-unit course, \$100.

Residence rates, board and room, during the winter session: in camp dormitories, \$774 (single room); in permanent residences, \$818 (double room), \$854 (single room); room only, \$543.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Admission from a school or college offering pre-university studies — admission is considered on an individual basis, subject to the conditions set out in the following statement of admissions policy and explanatory notes.

The minimum academic qualification for admission is matriculation in a public university (i.e. eligibility for admission to a public university) in the applicant's own province or country provided that the subject-matter presented and the standing obtained meet the requirements of The University of British Columbia, and: no university degree credit will be granted for studies completed in secondary school, but where studies have been taken beyond the usual secondary school level advance placement will be considered (i.e., consideration will be given to permit the starting of university studies at a higher level than usual).

2. Applicants from Newfoundland where grade 11 represents the

end of secondary schooling will require successful completion of at least first year at Memorial University or the equivalent before consideration can be given to their transfer to The University of British Columbia.

Applicants from the province of Quebec will normally be expected to hold le diplôme d'études collégiales (D.E.C.), having completed the two-year academic course of studies at a collège d'enseignement général et professionnel (CEGEP) and, upon acceptance, would in general be given advance credit for the equivalent of one year of university studies; applicants could be considered for admission to the first year following completion of grade 12 or two semesters of a CEGEP.

3. Specific requirements. Agriculture — chemistry, mathematics, biology or physics, at grade 12. Applied science — (engineering) required in pre-engineering year; chemistry, mathematics, physics B standing, English and elective C standing. Arts — English, second language, only required subjects at grade 12. Commerce and business administration — English, mathematics required in pre-commerce year. Education — English only required subject at grade 12. Forestry — English, chemistry, mathematics (botany or biology) or physics required in pre-forestry. Home economics — English, chemistry required at grade 12. Nursing — English, chemistry, mathematics, biology or zoology or physics required in pre-nursing. Pharmacy — English, chemistry, mathematics, biology or zoology or physics required in pre-pharmacy year. Physical education and recreation — biology, chemistry, mathematics recommended at grade 12. Rehabilitation medicine — biology, chemistry, mathematics, physics recommended at grade 12. Science — chemistry, mathematics, biology or physics required at grade 12.

Foreign students

Students must demonstrate adequate knowledge of English and write a test on the Friday preceding registration otherwise admission may be denied. Number and level of courses and remedial courses will be specified on basis of test. Transfer students from other universities or colleges will only be accepted after a first degree. Students from abroad attending junior colleges or secondary school in Canada or USA must meet all requirements for admission of students coming directly from their home country. Satisfactory evidence of ability to meet all educational and living costs is required. Certificates equivalent to Canadian certificates required.

UK — GCE O-level average grade of three required, no subject less than four in English, foreign language, mathematics, a laboratory science or additional foreign language, and history, geography, or approved option, and A level in at least three of these subjects. Possible credits: pre-engineering — mathematics, physics, chemistry. Pre-commerce — English, mathematics, one other exemption. Pre-forestry — mathematics, chemistry, physics, or botany; three A-level subjects may exempt first-year arts, science, agriculture, education.

West Indies — same as UK; Cambridge overseas school certificate alternative to GCE. Hong Kong, China — educational level for admission to University of Hong Kong in subjects required for admission to UBC. Hong Kong University matriculant in English, another language (Chinese accepted), mathematics, laboratory science, and history, geography or appropriate option and A level in at least three of these may be admitted. Individual subject grades required. Applicants submitting the international baccalaureate will be considered for admission.

4. For admission to courses leading to a first degree in applied science, commerce, forestry, nursing, and pharmacy, first-year arts or science of college or university with adequate standing. For admission to a first degree in dentistry, law and medicine, three years beyond secondary school graduation. For admission to a first degree in architecture, social work and librarianship, a bachelor's degree.

Graduate

For admission to graduate studies, an honors bachelor's or a first professional degree.

Date for receipt of applications

Applications for admission must be received before June 30 of the year in which admission is sought. Overseas students must apply before May 1.

COURSES AND DEGREES

AGRICULTURE

Faculty of agricultural sciences

Bachelor of science in agriculture [BSc(Agr)]. Four years from secondary school graduation. Specialization offered in agricultural economics, agricultural engineering, agricultural microbiology, agronomy, animal genetics, animal nutrition, animal physiology, dairy science, entomology, food science, horticulture, plant genetics, plant nutrition, plant protection, poultry genetics, poultry nutrition, poultry physiology, poultry processing, soil science.

Faculty of graduate studies

Master of science (MSc). At least one year from a bachelor's degree in agriculture. Specialization offered in agricultural economics, agricultural extension, agricultural mechanics, animal science, dairying, food science, genetics (animal, plant and poultry sciences), plant science, poultry science, soil science.

Doctor of philosophy (PhD). At least two years from master's degree in agriculture. Available in agricultural microbiology (dairying, soil science), food science, genetics (animal, plant and poultry sciences), animal and poultry sciences, plant science, soil science.

ARCHITECTURE

School of architecture, faculty of applied science

Bachelor of architecture (BArch). Three years from a bachelor's degree in arts, science, or engineering.

Faculty of graduate studies

Master of architecture (MArch). At least one year from BArch. Theory of design, housing, and structures. See also community and regional planning.

ARTS

Faculty of arts

Bachelor of arts (BA). (a) Major course, four years from secondary school graduation. (b) Single honors, the same, but course load heavier. (c) Combined honors, the same but specialization in two subjects. (d) Double honors, an additional year. Areas of emphasis: anthropology, Asian studies, Chinese, classical studies, creative writing, economics, English, fine arts, French, geography, German, Greek, history, Italian, Japanese, Latin, linguistics, mathematics, music, philosophy, Polish, political science, psychology, religious studies, romance studies, Russian, Slavonic studies, sociology, Spanish, theatre.

Faculty of graduate studies

Master of arts (MA). At least one year from an approved bachelor's degree. Specialization offered in anthropology, Asian studies, classics, comparative literature, creative writing, economics, education, English, fine arts, French, geography, German, Greek, history, Italian, Latin, linguistics, mathematics, philosophy, political science, psychology, religious studies, romance studies, Slavonic studies, sociology, Spanish, theatre.

Master of fine arts (MFA). At least one year from an approved bachelor's degree. Offered in creative writing and in theatre (stage direction, and scene and costume design).

Doctor of philosophy (PhD). At least two years from master's degree. Available in anthropology, Buddhist studies, Chinese, classics, economics, English, French, geography, German, Greek, history, Japanese, Latin, musicology, philosophy, political science, psychology, romance studies, Slavonic literature, sociology, Spanish.

Business, see commerce and business administration below

COMMERCE AND BUSINESS ADMINISTRATION

Faculty of commerce and business administration

Bachelor of commerce (BCom). (a) Ordinary course, four years from first-year arts. (b) Combined law and commerce: BCom degree granted after three years of commerce and two years of law. Options: accounting and management information systems, commerce and economics, commerce and teaching, finance, industrial administration, marketing, organizational behavior and industrial relations, transportation and utilities, urban land economics.

A program of study for university graduates leading to a degree of licentiate in accounting is offered. (Two years.)

Faculty of graduate studies

Master of business administration (MBA). At least one year from a BCom degree; two years from other degrees.

Master of science in business administration (MSc). As for MBA.

Doctor of philosophy (PhD). At least two years from master's degree. Fields of specialization: accounting, finance, management science, marketing, organizational behavior.

COMMUNITY AND REGIONAL PLANNING

Faculty of graduate studies

Either master of arts (MA) or master of science (MSc). Two years from a bachelor's degree in agriculture, architecture, arts, commerce, engineering, forestry, law, science, or social work.

Doctor of philosophy (PhD). At least two years from master's degree.

DENTISTRY

Faculty of dentistry

Diploma in dental hygiene (DipDentHyg). Two years from first-year science.

Doctor of dental medicine (DMD). Four years from the third year of arts or science.

EDUCATION

Faculty of education

Bachelor of education (BEd). (a) Elementary field, four years from secondary school graduation. (b) Secondary field, five years from secondary school graduation. Specialization offered in high school teaching fields.

Faculty of graduate studies

Master of arts (MA in education). One year from bachelor's degree followed by teacher training and teaching experience. Specialization in education courses.

Master of education (MEd). At least one year from BEd or bachelor's degree and teacher training, no thesis required.

Doctor of education (EdD). At least two years from master's degree.

ENGINEERING

Faculty of applied science

Bachelor of applied science (BASc). Four years from first-year science. Specialization offered in agricultural, chemical, civil, electrical, geological, mechanical, metallurgical, and mineral engineering and engineering physics.

Faculty of graduate studies

Master of applied science (MASc). One year from a bachelor's degree in engineering. Specialization offered in agricultural, chemical, civil, electrical, forest, geological, geophysical, mechanical, metallurgical, and mineral engineering, and engineering physics.

Master of engineering (MEng). One year from a bachelor's degree in engineering. A non-thesis program with specialization offered in agricultural, chemical, civil, electrical, mechanical, metallurgical and mineral engineering.

Doctor of philosophy (PhD). At least two years from master's degree in engineering. Specialization offered in chemical, civil, electrical, mechanical, geological, geophysical, and mineral engineering, metallurgy, and engineering physics.

FORESTRY

Faculty of forestry

Bachelor of science in forestry (BSF). Four years from first-year science. Specialization offered in forest business administration, forest entomology, forest management, forest pathology, forest products and wood technology, logging, silvics, and wildlife management.

Faculty of graduate studies

Master of science (MSc). One year from BSc, BASc, BSA or BSF.

Master of forestry (MF). One year from BSF, or BASc in forest engineering.

Master of applied science (MASc). One year from BASc in forest engineering.

Doctor of philosophy (PhD). At least two years from master's degree, in co-operation with the departments of botany and zoology.

HOME ECONOMICS

School of home economics, faculty of arts

Bachelor of home economics (BHE). Four years from secondary school graduation major in foods and nutrition or general.

Master of science in human nutrition. One year from appropriate bachelor's degree.

LAW

Faculty of law

Bachelor of laws (LLB). Three years beyond penultimate year in four-year bachelor of arts course.

Faculty of graduate studies

Master of laws (LLM). At least one year from bachelor's degree in law.

LIBRARIANSHIP

School of librarianship, faculty of arts

Master of library science (MLS). Two years from an acceptable bachelor's degree.

MEDICINE

Faculty of medicine

Doctor of medicine (MD). Four years from the third year of arts or science beyond secondary school graduation.

Faculty of graduate studies

Master of science (MSc). At least one year from an MD or honors BSc degree. Specialization offered in anatomy (human), audiology and speech sciences, biochemistry, health services planning, neurology, pathology, pharmacology, physiology, psychiatry, surgery.

Doctor of philosophy (PhD). At least two years from master's degree. Available in anatomy, biochemistry, pathology, pharmacology, physiology.

MUSIC

Faculty of arts

Bachelor of music (BMus). Four years from secondary school graduation.

Master of music (MMus). At least one year from bachelor of music degree or equivalent. Studies offered in: ethnomusicology, general music, musicology, theory/composition, performance.

Doctor of philosophy in musicology (PhD). At least two years from master's degree.

Doctor of musical arts (DMA). At least two years from master's degree.

NURSING

School of nursing, faculty of applied science

Diploma in community health nursing. One year from secondary school graduation and RN training.

Bachelor of science in nursing (BSN). Four years from first-year arts or science, or three years following qualification as RN.

Master of science in nursing (MSN). Two years from BSN.

PHARMACY

Faculty of pharmaceutical sciences

Bachelor of science in pharmacy [BSc(Pharm)]. Four years from first-year arts or science. Specialization in drug distribution, hospital pharmacy, product development.

Faculty of graduate studies

Master of science in pharmacy (MSc). One year from BSc(Pharm) or other acceptable bachelor's degree.

Doctor of philosophy (PhD). At least two years from master's degree.

PHYSICAL EDUCATION

School of physical education, faculty of education

Bachelor of physical education (BPE). Four years from secondary school graduation.

Bachelor of recreation education (BRE). Four years from secondary school graduation.

Faculty of graduate studies

Master of physical education (MPE). At least one year from BPE.

REHABILITATION MEDICINE

School of rehabilitation medicine, faculty of medicine

Bachelor of science in rehabilitation (BSR). Four years from secondary school graduation. Occupational therapy and physiotherapy.

Science, applied, see engineering

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). (a) General course, four years from secondary school graduation. (b) Single major course, four years from secondary school graduation. (c) Single and combined honors, four years from secondary school graduation. Areas of emphasis: astronomy, biochemistry, biology, botany, chemistry, computer science, geology, geophysics, mathematics, microbiology, physical geography, physics, physiology, zoology.

Faculty of graduate studies

Master of science (MSc). At least one year from an approved bachelor's degree, not necessarily a BSc. Specialization offered in astronomy, biochemistry, biology, botany, chemistry, fisheries, food sciences, genetics, geology, geophysics, mathematics, metallurgy, microbiology, neurology, oceanography, pharmacology, physics, physiology, zoology.

Doctor of philosophy (PhD). At least two years from master's degree. Available in agricultural microbiology, astronomy, biochemistry, botany, chemistry, fisheries, genetics, geology, geophysics, mathematics, metallurgy, microbiology, oceanography, pharmacology, physics, physiology, zoology.

SOCIAL WORK

School of social work, faculty of arts

Master of social work (MSW). Two years from an acceptable bachelor's degree.

THEOLOGY

Courses offered at affiliated colleges.

EXTENSION PROGRAMS

For university credit

Correspondence courses — twenty arts courses and two education courses are offered. Evening classes — chiefly undergraduate arts and education courses. Summer school — graduate courses in education, undergraduate courses in arts, education, commerce, home economics, nursing, physical education, and science.

For diploma or certificate credit

Diploma courses in: adult education; criminology; early childhood education; engineering administration; social work registration; and vocational instructors' certificate program.

For no university credit

Continuing professional education. Short courses, conferences, seminars in most professional fields. Liberal education, public affairs, community programs, creative arts, public and agency leadership. Various formats.

RESEARCH INSTITUTES Institute of Animal Resource Ecology aims to identify principles of theoretical ecology, applied ecology and population genetics and to relate them to specific ecological systems — freshwater and marine communities, mammal, bird, fish and insect populations and human systems. Director: C.S. Holling, MSc, PhD.

Institute of Applied Mathematics and Statistics is to co-ordinate advanced teaching in statistics and applied mathematics and to promote the growth of interdisciplinary research activities in these fields. Acting director: B.N. Moyls, MA, PhD.

Institute of Asian and Slavonic Research is concerned mainly with the promotion and direction of postgraduate research in these fields, with emphasis on interdisciplinary studies in the social sciences, including modern history. Director: B.M. Morrison, MA, PhD.

Arctic and Alpine Research involves biology, geography, geology and glaciology in both Alpine and Arctic environments. Current areas of special interest to the committee are the Mackenzie River Basin, N.W.T., and the Keremeos region of B.C.

Institute of Astronomy and Space Science has been formed to co-ordinate research and graduate studies in astronomy and space science carried out in several departments of The University of British Columbia. Acting director: M.H.L. Pryce, MA, PhD, FRS.

Institute of Industrial Relations includes the study of manpower

analysis, collective bargaining studies, the study of human relations issues as well as economic and social analyses of these areas. The program is interdisciplinary in character. Director: N.A. Hall, BCom, MBA, DBA.

Institute of International Relations encourages interdisciplinary research and study in the relations between states, their organizations and laws, and the social, political, and cultural conditions affecting those relations, organizations and laws. Director: M.W. Zacker, MA, PhD.

Institute of Oceanography represents the co-operative effort of the departments of botany, chemistry, geology, geography, mathematics, physics and zoology to train graduate students in one or more of these branches in the principles and techniques of oceanographic research. Director: G.L. Pickard, MBE, MA, DPhil, FRSC.

AFFILIATED INSTITUTIONS The Vancouver School of Theology, Vancouver, British Columbia. Principal: J.P. Martin, BAsc, STM, ThD. Continues the work of the former Anglican Theological College of British Columbia and the former Union College of British Columbia. Provides theological education for laymen, future clergy and for graduates in theology.

Carey Hall, Vancouver, British Columbia. Dean of residence: Lt.-Col. J.W. Duncan, MBE, CD, BA, BTh. Baptist. For men only. Student residence accommodation.

St. Andrew's Hall, Vancouver, British Columbia. Dean of residence: Rev. J.A. Ross, MS, BD, PhD. Presbyterian. For men only. Student residence accommodation.

St. Mark's College, Vancouver, British Columbia. Principal: Rev. R.W. Finn, CSB, MA, LMS. Roman Catholic. For men only. Incorporated 1965. Student residence accommodation.

BROCK UNIVERSITY*

Merrittville Highway, St. Catharines, Ontario

Telephone: 416-684-7201

Cables and telegrams: Unibrock, St. Catharines, Ontario

Telex: 0215133

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — Charles Sankey, BAsc, MSc, PhD, FCIC, FAAAS, FRSA, PEng. President and vice-chancellor — James Gibson, BA, MA, BLitt, DPhil, LLD. Provost and vice-president — Alan Earp, BA, MA, MLitt, LLD.

GENERAL INFORMATION Brock University is under provincial government control. It is a co-educational institution whose main source of income is public. The university is controlled by a board of trustees and a senate.

BACKGROUND The university was established eight years ago. The first class entered its doors in September 1964. The official opening had been preceded by seven years of vigorous action on the part of numerous citizen groups seeking a university within the Niagara peninsula. Their efforts were successful when the Brock University Act was passed by the Ontario legislature in

March 1964, and subsequently revised in June 1971.

The university is named after Sir Isaac Brock, killed in action at Queenston Heights on the Niagara River during the war of 1812.

BOARD OF TRUSTEES The university is controlled by a Board of Trustees with jurisdiction over financial and governmental affairs, with the exception of matters specifically assigned to the senate. The board consists of the chancellor and the president as ex-officio members, with not more than 30 nor less than 20 members at large, elected or appointed for a term of up to four years in the manner prescribed by by-laws of the board, and of whom three shall be members of faculty elected by the senate. Provision has been made for three student members elected by the students. The board elects a chairman and three vice-chairmen from among its members on an annual basis.

SENATE The Senate has power over the educational policy; the establishment of departments; the courses of study, standards of admission; qualifications for degrees and diplomas; examinations; awarding of fellowships, scholarships, bursaries, medals, prizes, etc; the conferring of undergraduate, graduate and honorary degrees and the creation of committees to exercise its powers. The senate is composed of the chancellor, the president, the dean of the faculty of arts and science, the dean of the college of education as ex-officio members by virtue of the Brock University Act. The provost, the registrar and the librarian are ex-officio members by vote of senate. Two representatives of the board of trustees are named by the board. The full-time faculty members on senate

*Ordinary member, AUCC.

always constitute a majority; at present, fifteen. Five full-time faculty members are elected annually, by the full-time members of faculty, to serve a term of three years. The Brock University Students' Union elects four students to sit on senate. Two students are elected annually to serve two-year terms.

INCOME (1970-71) Total operating income \$7,207,000 (student fees — 20.2%, provincial and federal grants — 72.4%, other sources — 7.4%).

PUBLICATIONS Calendars, departmental brochures, admissions bulletin, and the Brock University international students' association handbook are obtainable from the registrar's office.

ACADEMIC YEAR Winter session: mid-September to early May. Summer evening session (for extension work): May — mid-July. Summer day session (for extension work): early July to mid-August.

BUILDINGS AND GROUNDS The university has two campuses: a small one, the Glenridge campus, housing the science laboratories, and a large 600-acre DeCew campus, where a 14-storey building, the Brock Tower, contains a library of 183,000 volumes, classrooms, cafeteria and administration. The "Thistle" complex, with theatres, lecture rooms and bookstore, surrounds the Brock Tower. Residence facilities of ten houses accommodating 400 (150 women, 250 men) students were completed in 1970.

A new academic building is nearing completion with occupancy expected in the autumn of 1972. Brock's physical education and recreation centre is also under construction with occupancy scheduled for the end of 1972.

STUDENT RESIDENCES Residence facilities of 10 houses accommodate 400 (150 women, 250 men) students.

STUDENT LIFE The intercollegiate athletic program includes competition in badminton, basketball, curling, cross-country, fencing, golf, hockey, rowing, rugger, soccer, track and volleyball. Various student, faculty and staff physical recreation clubs are set up each year according to expressed interest. The student union publishes the student handbook, the student directory, the student newspaper and a poetry magazine; it is also in charge of Radio Brock. There is substantial student representation within university government. Campus organization serving students from abroad is World University Service of Canada.

MEDICAL SERVICES The health service provides medical services, referrals and consultation when required. Completed medical information forms for first-year and transferring students must be completed before registration is considered complete. All full-time students subscribe to a \$10 per year prescription plan. Students must present their Ontario Health Insurance Commission number before seeing the physician.

STUDENT COUNSELLING SERVICES A professional counselling service is available on campus. Primary services to students include group and individual counselling. All contacts with students are regarded as confidential.

UNIVERSITY BOOKSTORE The bookstore is located in the Thistle complex on the DeCew Campus. In addition to textbooks, it carries trade and reference books, a wide selection of paperbacks, stationery and technical supplies, crested gifts and souvenirs. A special order service is available for items not in stock. No student discounts available.

STUDENT EMPLOYMENT For the convenience of students needing assistance in finding part-time or summer employment, a placement service is provided.

STUDENT UNION All full-time students at Brock University are members of the Students' Union. The union elects a chairman to preside over the union and the administrative council. There is considerable student participation in the university government at both the board of trustees and senate levels. The students run the campus centre, the pub, the tuck shop, the Press (student newspaper), Radio Brock and the central advertising bureau as well as organizing various social functions.

GRADUATE STUDENT ASSOCIATION The objectives of the Graduate Students' Association of Brock University are: to promote the general interest of the university; to promote the mutual understanding and friendship among graduate students and encourage social activities; to give the opinion of the graduate body; and to provide facilities for graduate students. Membership includes honorary, ordinary (current graduate students of the university), past graduates of the university and associate members. Associate membership is open to all members of Brock University, excluding undergraduates. The association is governed by an executive body of a president, a vice-president, a secretary and treasurer.

GRADING SYSTEM A — first-class honors: 80% and over; B — second-class honors: 70-79%; C — satisfactory: 60-69%; D — pass: 50-59%; lowest passing grade: 50%; F — below 50%; FN — failed, no supplemental.

STUDENT AWARDS AND FINANCIAL ASSISTANCE The university awards both entrance and in-course scholarships to students of academic excellence. All students applying for admission to full-time studies will be considered for an award. In-course awards will be available to students entering the second, third, and fourth year. Departmental prizes are awarded for excellence in a particular area of study. No application is required.

All students who can show evidence of financial need are expected to apply for assistance under the Ontario student awards program. Application forms are obtainable from secondary schools and the student awards officer at Brock University. Bursaries are usually awarded late in the academic year to students who have satisfactory standing and can show that without some financial assistance they are unable to complete the academic year.

FINAL EXAMINATIONS Final examinations are required in all courses numbered 100-199. Final examinations for first-term half-courses are held in December; for full courses and second-term half-courses, finals are held in April.

Supplemental and special examinations are written early in July. Supplemental examination privileges apply only in the case of a failed examination and only if satisfactory term work has been submitted in the course. The promotions board rules on the eligibility of students to write supplemental examinations, as prescribed by the academic regulations of the university. If a student is unable to write a final examination due to ill-health, he should apply to the registrar for permission to write a special examination. This application must be accompanied by a medical certificate signed by a physician who has personally seen the student and must be submitted within seven days of the end of final examinations.

GRADUATION The senate confers honorary, graduate and undergraduate degrees at the spring convocation held late in May.

FEES AND COSTS Tuition fee per year: \$615. Student activity fee: \$46. Fees for part-time studies: \$130 per course.

Residence fees are as follows: single room with 2 meals a day, 5 days per week, \$1,040; single room with 2 meals a day, 7 days per week, \$1,175; double room with 2 meals a day, 5 days per week, \$965; double room with 2 meals a day, 7 days per week, \$1,100. Students are required to take one of the above food options. "Two meals" refers to lunch and supper.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Outstanding Ontario junior matriculation (grade 12) students may be accepted into special summer course and if successful will be admitted to year 1. Ontario secondary school honor graduation diploma (grade 13) with at least three different subjects and a minimum overall average of 60% in the six credits required for the diploma. Equivalent diplomas accepted. Ontario grade 13 credits – candidates who offer the Ontario secondary school honor graduation diploma which includes more than one of art, music, home economics or which includes mathematics of investment, business and commercial subjects, industrial arts or technical subjects, agriculture, environmental science, or physical education may be considered as special cases for admission.

2. Tests for admission. SACU test scores are normally required.

3. Specific requirements. For entry in arts degree programs – English is mandatory. For entry in science degree programs – two credits in mathematics are mandatory, English is strongly recommended, with the following required subjects. Biological sciences – any two of biology, chemistry, physics (chemistry and physics preferred). Chemistry – chemistry, physics. Geological sciences – any two of biology, chemistry, physics, geology. Mathematics – a third credit in mathematics, physics is strongly recommended. Physics – chemistry, physics, a third credit in mathematics is strongly recommended.

Note – biology, chemistry, and physics are considered three different subjects; although a candidate may present more than one credit in mathematics, the credits will be considered as one subject. The same would apply to English, French, etc. For admission purposes, a weighted average will be calculated for 1972 Ontario applicants, taking into account the credit values assigned to individual courses by the secondary schools.

Foreign students

Certificates equivalent to Ontario grade 13 are required. UK – GCE with two A level and three O level passes in appropriate subjects. USA – grade 12 (US) graduation plus 30 semester hours of subjects at a college or university equivalent to Ontario grade 13. CEEB test scores and/or advanced placement scores are desirable. Grade 12 graduates with high CEEB scores and exceptional secondary school records may be admitted directly to year 1. Students whose mother tongue is not English must present satisfactory scores on the University of Michigan English language test or the test of English as a foreign language. Candidates submitting

the international baccalaureate will be considered for admission.

Mature students

Applicants who have not completed the normal grade 13 admission requirements may request special consideration for admission if they have been out of school for at least two years. At the discretion of the admission board such applicants will be required to successfully complete one of the following three alternatives prior to admission: a) to write a special aptitude and achievement test; b) to complete a grade 13 course with an average of 60% or above. English is strongly recommended for applicants to arts, and mathematics for applicants to the sciences; c) to complete a one-year college of applied arts and technology course with an average of 60% or above. As in b) the recommended courses are English and mathematics.

Graduate

For information regarding admission to graduate programs, contact the department concerned.

Date for receipt of applications

August 15 for Canadian students; July 15 for students from abroad.

COURSES AND DEGREES

ADMINISTRATION

Bachelor of administration (BAdmin). Available in administration. Honors course, four years from senior matriculation.

ARTS

Faculty of arts and science

Bachelor of arts (BA). Available in classics, economics, English and drama, French, geography, German, history, Italian, philosophy, politics, psychology, Russian, sociology, Spanish, and urban studies. (a) General course, three years from senior matriculation. (b) Honors course, four years from senior matriculation.

Master of arts (MA). Anticipated in philosophy and politics in the near future; programs to be introduced in other disciplines over the next five years.

EDUCATION

College of Education

Certificate in education. One-year certificate course. Candidates who are eligible for admission to the second year arts and sciences at Brock University are qualified for admission to the college.

SCIENCE, PURE

Faculty of arts and science

Bachelor of science (BSc). Available in biological sciences, chemistry, geological sciences, mathematics, and physics. (a) General course, three years from senior matriculation. (b) Honors course, four years from senior matriculation.

Master of science (MSc). Available in biological sciences, chemistry, and physics; program in geological sciences anticipated in the near future.

EXTENSION PROGRAMS

For university credit

Evening session — undergraduate courses in arts and science. Summer session — courses offered in arts and science for undergraduates proceeding to a degree, and for teachers who may wish to improve their professional qualifications.

For no university credit

Adult education services. Systematic courses in the humanities on a non-credit basis.

SPECIAL PROGRAMS Interdisciplinary programs — the university is establishing a special interest in administration and urban and Asian studies. Senate, therefore, has approved three interdisciplinary programs at Brock — Asian studies, urban studies, and administration. These programs involve contributions from several disciplines to provide a broader focus in these fields than could otherwise be possible by trying to select appropriate courses from just one or two departments.

Extra-departmental programs. These are elective courses for credit towards a degree. At present it is not possible to major in these disciplines or areas: computer science; music; special summer school program for grade 12 students. This is an experimental program for Ontario grade 12 students of the highest calibre. The purpose is to identify those students who, in the judgment of their high school teachers and members of the Brock faculty, are ready for university entrance from grade 12. A limited number of these students, recommended for admission by their principal or guidance officers, will participate in a summer school program consisting of lectures, labs, small group discussions with faculty members, and the preparation of seminar papers, reports and essays. Upon completion of the program, students judged likely to succeed in year 1 will be eligible for admission to Brock University in September. For further details about the program, principals and guidance officers are invited to write to the registrar's office.

THE UNIVERSITY OF CALGARY*

2920 - 24 Ave., N.W., Calgary, Alberta T2N 1N4

Telephone: 403-284-5110

Telex: 038-21545

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — W.A. Friley, BS. President and vice-chancellor of the bars of Alberta, British Columbia and Ontario — A.W.R. Carrothers, BA, LLB, LL.M, SJD. Vice-president, academic — F.A. Campbell, BSc, MA, PhD. FRSCan. Vice-president, finance — H.W. Bliss, FCA. Vice-president, services — H.A.R. DePaiva, BSc, MS, PhD. Registrar and academic secretary — W.F.M. Stewart, MA, PhD.

GENERAL INFORMATION The University of Calgary is a non-denominational, co-educational and provincial university; it is governed by a board of governors, a senate, and a general faculties council. General co-ordination of the provincial universities is effected through the Alberta Universities Commission and the Universities Co-ordinating Council.

BACKGROUND The University of Calgary had its origin in 1945 when the former Normal School became a branch of the faculty of education of The University of Alberta in Edmonton. By 1960 when it moved to its present campus, The University of

Alberta at Calgary offered a full program for the degrees of bachelor of arts and bachelor of science, the first two years of education and the first year of commerce, engineering and physical education. In 1963, a faculty of arts and science, a faculty of education, a division of the faculty of engineering, and a department of the school of physical education were set up at Calgary with their own heads.

In 1964, The University of Alberta at Calgary gained autonomy in academic matters and in that same year, a faculty of graduate studies was established. In 1965, the division of engineering gained faculty status. The university gained full autonomy in 1966. A school of social welfare was established in 1967. A school of physical education, the faculty of business, and the faculty of fine arts were also established in 1967. The faculty of medicine and the school of nursing accepted their first students in the fall of 1970. In 1972, the faculty of environmental design accepted its first students.

BOARD OF GOVERNORS The board of governors as the corporate body has the ultimate powers appropriate to such a body. The board consists of the chairman, the chancellor, the president of the university and 14 other persons appointed by the lieutenant-governor-in-council. Of the 14 members, eight are nominated by various associations of the university; i.e., general faculties council, alumni association, senate, students' union and graduate students' association.

SENATE The senate's function is to act as a bridge between the university and the life and activities of the province rather than

*Ordinary member, AUCC.

to deal with academic matters; it is, however, empowered to inquire into any matters which might tend to enhance the usefulness of the university; it is designed to serve as the public conscience of the university; it also elects the chancellor and authorizes the conferring of honorary degrees. The senate consists of 56 members; of which seven are ex-officio, 19 are appointed and 30 are elected by the ex-officio and appointed members.

GENERAL FACULTIES COUNCIL Direct control of academic and related matters rests with the council. The general faculties council consists of the president, the vice-presidents, the dean of each faculty, the director of each school, the chief librarian, the director of continuing education, the registrar, the elected members representing the faculties and schools that have school councils, and the appointed members.

INCOME (1971-72) \$37,804,940. Principal sources, government grants, 76%; fees, 14%; and operating, 10%.

PUBLICATIONS The university publishes four calendars annually: the general calendar, which includes all faculty programs and course offerings; the calendar of the faculty of graduate studies; and the evening credit program and summer session calendars which serve a special function. Individual calendars are also published by the faculty of medicine, school of nursing, and faculty of environmental design.

ACADEMIC YEAR The academic year is 12 months in duration, July 1 to June 30. Effective spring 1973, there will be four sessions at the university: fall and winter sessions of 13 weeks' duration each (September to December and January to April); spring and summer sessions of six weeks' duration each (mid-May to the end of June and beginning of July to mid-August).

BUILDINGS AND GROUNDS The campus is located in the northwest section of the city of Calgary (population over 400,000). The first two buildings were completed in 1960. Since that time 2 1/2 million gross square feet have been built on the 314-acre campus. There are approximately 13 academic buildings on campus with additional service buildings including a students' union complex and residences. The medical school, which is situated adjacent to the Foothills hospital, is on a site about one mile southwest of the campus. The Environmental Sciences Centre is located about 40 miles west of the city in the forestry reserve. Other teaching and research facilities are situated near Priddis, at Banff, and near Calgary.

STUDENT RESIDENCES The university has one twin-tower student residence complex with accommodation for approximately 400 men and 400 single women, full-time students. A small percentage of single graduate students can also be accommodated. Meals are served in the dining centre adjacent to the residence halls. A complex of 250 apartments in town-house style is available for married students. The majority of the units consists of two bedrooms, living-dining room, kitchen and basement. There are a few one-bedroom and three-bedroom units.

LIBRARY The university library building contains close to 400,000 volumes with 10,000 serials and periodicals being received on subscription. The university also has a "rare books" and "special collections" section.

STUDENT LIFE Student services on the campus include a health service, counselling, student awards offices, a dining centre,

students' union and employment services. For international students, general information about Calgary and the university, assistance in finding suitable accommodation, and reception arrangements, are services provided by the student affairs office.

MEDICAL SERVICES Professional services for students are available on a 24-hour basis. The services are maintained by an annual appropriation from revenue. The university health services claim the benefits for medical services from the Alberta Health Care Insurance Commission and/or any other insurance carried by the student utilizing the service. Policies are contained in a brochure which is available to all students. Unless an emergency arises, staff use outside medical services.

STUDENT COUNSELLING SERVICES A staff of professionally trained counsellors and psychologists provide the following services: personal counselling, educational counselling, vocational counselling, psychological assessment and an occupational-educational information library.

UNIVERSITY BOOKSTORE The university bookstore offers for a discount, textbooks, magazines, stationery, gifts, records, posters, art reproductions and a variety of other books.

STUDENT EMPLOYMENT The department of Manpower and Immigration operates a student placement service on campus. This office assists students in obtaining permanent, part-time and summer employment.

STUDENT UNION The Students' Union provides a number of services to enrich the lives of students on campus. Details can be obtained from the Students' Handbook. The Students' Union is located in its own building on campus. Students' union fees are charged automatically as part of the course registration to part-time and full-time students. Full-time students presently pay at the undergraduate level, \$44.50.

GRADUATE STUDENT ASSOCIATION The association was founded with the aim of promoting and serving the intellectual, cultural and social activities as well as the general welfare of graduate students of the university and to officially represent the graduate students whenever necessary. Membership in the association consists of active membership (all students registered in graduate studies), associate membership (wives and husbands of graduate students) and honorary membership (all others not included above). All registered graduate students must pay the annual fee which consists of a \$6 building fund and association fees of \$9 for part-time students and \$14 for full-time students.

GRADING SYSTEM Since the beginning of the 1967 academic year, the university has been using a five-letter grading system; A, B, C, D, and F. In 1970, the letter grades A+ and B+ were added. For students proceeding toward an undergraduate degree, the clear passing grade for each course is a C unless otherwise specified; in courses taken towards a graduate degree, the passing grade is a B.

In the determination of the grade point average (GPA), the grades are based on: A+ (outstanding) - 4; A (excellent) - 4; B+ (very good) - 3; B (good) - 3; C (satisfactory) - 2; D (minimal pass) - 1; and F (fail) - 0; and courses will be weighted on a basis of full, half-, or quarter-courses.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Awards and financial assistance are available to matriculated and undergraduate students, provided they are 21 years

of age and have been residents of the province of Alberta for 12 consecutive months; or if under the age of 21, provided their family resides in the province of Alberta. Further information together with applications may be obtained from the student awards office at The University of Calgary. Completed applications must be received no later than June 15, for undergraduate awards and July 15 for matriculation awards. Awards and financial assistance are also available to graduate students. Inquiries should be directed to the graduate awards service, faculty of graduate studies, The University of Calgary.

FINAL EXAMINATIONS All courses have a final examination, unless dispensation has been given by the dean. Examinations are held in the examination period immediately following the end of term. Supplemental examinations are not available but deferral of final examinations because of illness, domestic affliction or religious conviction is available.

GRADUATION Degrees are conferred twice a year; spring convocation in early June and autumn convocation in early November.

FEES AND COSTS Annual tuition fees: (a) full-time: bachelor's degrees, \$400 (engineering — \$500 and medicine — \$800); master's and doctor's, \$500; environmental design, \$500. (b) Part-time (per subject): \$135 per full course or \$67.50 per half-course; engineering and graduate studies, \$170 per full course or \$85 per half-course; medicine, \$200 per full course. Compulsory general fees per year which include athletic facilities privileges: undergraduate, \$44.50; medicine, \$35.50; graduate studies, \$30 (full-time) and \$19 (part-time).

Residence rates, board and room, \$105 (double occupancy) to \$115 (single occupancy) per month.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Alberta high school diploma with a minimum average of 60% and no subject below 50% for the specified matriculation (grade 12) courses or satisfactory scores on CEEB tests prescribed by the faculty concerned.

2. Students from outside of Alberta require equivalent standards to those for Alberta students. A \$10 fee for evaluation of certificates is required.

3. Tests for admission. In those cases where CEEB tests are acceptable, CSAT and CELAT administered by SACU will be considered as equivalent to SAT and ECT administered by CEEB/ETS.

4. Specific requirements. Arts, business and science: either English, math (algebra), two of math (geometry-trigonometry), chemistry, physics, biology, social studies, French, German or another language at equivalent level, and a fifth matric subject; or SAT (or SACU) and three CEEB achievement tests — English, math, and one other (not an additional English or math). Education: either English, three of math (algebra and/or geometry-trigonometry), chemistry, physics, biology, social studies, French, German or another language at equivalent level and a fifth matric subject or SAT (or SACU) and three CEEB achievement tests (only one paper is acceptable in any area where two papers are available).

Engineering: either English, social studies, math (algebra and geometry-trigonometry), chemistry and physics; or SAT (or SACU) and three CEEB achievement tests — math (level II), chemistry and physics. Fine arts: either English, one of music, drama or art, three of math, chemistry, physics, biology, French, German, or another language at equivalent level; or SAT (or SACU) and three CEEB achievement tests (only one paper is acceptable in any area where two papers are available). Music: as for fine arts (see above) together with completion of the Western Board of Music grade VIII practical and grades IV and V theoretical exams or equivalent. Nursing: either English; math (algebra), biology, chemistry, a fifth matric subject or SAT (or SACU) and three CEEB achievement tests — math level I, chemistry, physics. Physical education: either English, one of chemistry or biology, three of math, social studies, physics, French, German, Latin, or another language at equivalent level, or biology, or chemistry if not already presented or SAT (or SACU) and three CEEB achievement tests — one of which must be chemistry or biology (only one paper is acceptable in any area where two papers are available).

Foreign students

Certificates are evaluated in terms of the normal requirements. UK and other Commonwealth countries: GCE is accepted in the subjects prescribed for admission to the appropriate faculty with at least two appropriate subjects at A level and three appropriate subjects at O level; the same subject cannot be counted at both levels. Certificates equivalent to GCE may be accepted. USA: either satisfactory standing in accredited university or college, courses deemed equivalent to subjects required by the faculty concerned; or high school grade 12 academic graduation and satisfactory scores on CEEB tests prescribed by the faculty concerned (see above). France: baccalauréat deuxième partie in prescribed subjects and satisfactory standing on a prescribed oral and written English language exam. Europe: requirements as for admission to a European university and satisfactory standing on a prescribed oral and written English language exam. South America: requirements as for admission to universities in home country; satisfactory scores on SAT and CEEB achievement tests recommended and often required. Asia: certificates equivalent to senior matriculation (12 or 13 years of schooling), early submission essential; scores on SAT and CEEB achievement tests strongly recommended and often required. Proof of proficiency in English is required. Applicants presenting the IB will be considered for admission.

Mature students

Alberta residents of mature age (23 or above) who do not meet the normal requirements may be excused from presenting senior matriculation. Applicants must be interviewed by a designated representative of the faculty to which they are seeking entrance.

Graduate

Applicants for admission must normally hold an appropriate first degree from a recognized institution with a minimum grade-point average of 3.0 (based on a four-point grading system) in the last two years of academic work. All degrees in course are open to approved graduates of other universities; non-graduates are not eligible.

Medicine

For entrance to the faculty of medicine, a student is normally required to present three years of study in an acceptable undergraduate degree program. Since the number of positions is limited, applications from non-Canadian students are also limited.

Date for receipt of applications

Canadian applications for admission must be received by July 1 of the year in which admission is sought. Mature student applicants must contact the faculty they wish to enter by June 1 of the year in which admission is sought. Students from abroad should apply to the registrar well in advance of July 1 for full information.

COURSES AND DEGREES

ARTS

Faculty of arts and science

Bachelor of arts (BA). General and honors course, four years from senior matriculation. Principal and/or second subjects of study: anthropology, archaeology, classics, economics, English, French, geography, German, Greek, history, Latin, Latin-American studies (second subject of study only), linguistics, mathematics, philosophy, political science, psychology, Russian, sociology, Spanish, and urban studies (second subject of study only).

Faculty of graduate studies

Master of arts (MA). At least two years full time from ordinary BA. Available in anthropology, archaeology, economics, educational administration, educational curriculum and instruction, educational foundations, English, geography, Germanic and Slavic studies (German), history, linguistics, philosophy, political science, resources – the environment and planning, romance studies (French), social welfare, and sociology.

Doctor of philosophy (PhD). At least two years full time from MA with two years' residence required. Available in archaeology (limited areas of study), economics (limited), English (limited), geography, philosophy, and political science (limited).

COMMERCE

Faculty of business

Bachelor of commerce (BComm). Four years from senior matriculation. Specialization offered in accounting, finance, management, marketing, and management science.

EDUCATION

Faculty of education

Bachelor of education (BEd). Four years from senior matriculation or two years from approved degree in arts or science. Specialization available in elementary school teaching, secondary school teaching.

Diploma in education (DipEd). One year from approved degree and a professional or permanent professional teaching certificate. Specialization in curriculum and instruction, educational administration, educational foundations, and educational psychology.

Faculty of graduate studies

Master of education (MEd). At least 12 months from bachelor's degree. Non-thesis. Specialization in curriculum and instruction, educational administration, educational foundations, and educational psychology. No residence requirement.

Doctor of philosophy (PhD). At least two years full time from master's degree with two years' residence required. Available only in educational administration and educational psychology.

ENGINEERING

Faculty of engineering

Bachelor of science in engineering (BSc). Four years from senior matriculation. Specialization available in chemical, civil, electrical, and mechanical engineering.

Diploma in engineering (DipEng). Four full courses after approved degree or equivalent. Specialization in designated areas.

Faculty of graduate studies

Master of science (MSc). At least one year full time from appropriate bachelor's degree in engineering. Specialization available in chemical engineering, civil engineering including geo-technical engineering and transportation planning, electrical engineering, and mechanical engineering including heat transfer.

Master of engineering (MEng). Minimum one year from four-year bachelor's degree in engineering and two years' practical professional experience. Specialization in designated areas. No residence requirement.

Doctor of philosophy (PhD). At least two years full time from the master's degree in engineering with two years' residence required. Available in chemical, civil, electrical, and mechanical engineering (limited).

ENVIRONMENTAL DESIGN

Faculty of environmental design

Master of environmental design (MEDes). Minimum three sequential terms full time from appropriate first degree in architecture, environmental science, or urbanism.

FINE ARTS

Faculty of fine arts

Bachelor of fine arts (BFA). Four years from senior matriculation available in art and drama.

MEDICINE

Faculty of medicine

Doctor of medicine (MD). Three years full time (after three full years of university education beyond Canadian equivalent senior matriculation) and two years of postgraduate training. Enrolment is limited.

MUSIC

Faculty of fine arts

Bachelor of music (BMus). Four years from senior matriculation. Candidates must have completed grade VIII practical and grade V theoretical examinations of the Western Board of Music or present equivalent standing. Specialization available in music history and literature, performance, school music, and theory and composition.

NURSING

School of nursing

Bachelor of nursing (BN). Four years from senior matriculation. Limited enrolment.

PHYSICAL EDUCATION

School of physical education

Bachelor of physical education (BPE). Three years from senior matriculation. Honors course, four years from senior matriculation.

SCIENCE, PURE

Faculty of arts and science

Bachelor of science (BSc). General (and honors) course, four years from senior matriculation. Available in archaeology, astrophysics, biochemistry, botany, chemistry, computing science, geography, geology, geophysics, mathematics, microbiology, physics, psychology (experimental), statistics, and zoology.

In addition to the above programs, by special arrangement with other universities, students may be permitted to take the following programs at The University of Calgary: the first year only of courses leading to degrees in agriculture, forestry, household economics, and pharmacy. Students wishing to enter architecture, dentistry, law, medicine, or veterinary medicine, at certain other universities, may also complete the pre-professional requirements by special arrangement.

Faculty of graduate studies

Master of science (MSc). At least two years full time from general BSc. Available in biology, chemistry, computing science, educational psychology, geography, geology, mathematics, medical science, physics, psychology, resources – the environment and planning, and statistics.

Doctor of philosophy (PhD). At least two years full time from MSc with two years' residence required. Available in biology, chemistry, geography, geology, mathematics, statistics and computing science, physics, and psychology.

SOCIAL WORK

School of social welfare

Bachelor of social work (BSW). Four years from senior matriculation or two years from approved degree. Limited enrolment.

Faculty of graduate studies

Master of social work (MSW). At least two sequential terms full time from appropriate first degree. Applicants will be required to present an undergraduate degree with second-class standing or better with emphasis on social and behavioral sciences.

EXTENSION PROGRAMS

For university credit

Evening credit program. Undergraduate classes and some at the graduate level are offered during the winter session in arts and science, business, education, engineering, fine arts, nursing, and social welfare.

Intersession and summer session. Six weeks in May and June, six weeks in July and August for undergraduates, graduates, and mainly teachers wishing to improve their qualifications. Courses mainly in arts, science, business, education, fine arts, and physical education.

Banff School of Fine Arts. A limited number of courses in art, drama, French, and music are offered for credit towards a degree or diploma at the university.

For no university credit

Preparatory courses. A small number of courses at matriculation level are available for students who have not been able to complete matriculation because of the lack of certain subjects in the high school which they attended.

Adult education services. Non-credit evening classes are conducted through the department of continuing education in a wide variety of subjects. Non-credit courses at the Banff School of Fine Arts summer session in: ballet, creative writing, figure skating, geology, handicrafts, modern languages, music, musical theatre, painting, photography, theatre arts. The Banff School of Advanced Management offers management development programs.

SPECIAL PROGRAMS Environmental Sciences Centre at Kananaskis; Cosmic-ray laboratory (atop Sulphur Mountain) at Banff; foreign studies program; resources, the environment and planning; marine science program (in combination with three other universities). In addition some courses, interdisciplinary in nature, are also being offered during winter session.

RESEARCH INSTITUTES Environmental Sciences Centre

(Kananaskis). The university centre for advanced teaching and research on the properties of the environment and the interactions which occur between living things and their environment. Closely associated with the work of the university's committee on resources, the environment and planning.

Petroleum Recovery Research Institute.

Institute of Transportation Studies.

AFFILIATED COLLEGES The colleges named below were affiliated to the university in 1966 under the terms of the university transfer programs. The admission regulations, course requirements, and the examinations are those set down by the university. None of these colleges has the right to confer degrees. Courses directly transferable to The University of Calgary are those which carry the same number as courses offered on the Calgary campus. Other programs are also offered by the following colleges:

Medicine Hat College, 101-5th St. S.W., Medicine Hat, Alberta.

(Telephone 527-2277). President: E.S. Chace, BTh, MEd, EdD. Co-educational. Non-denominational. Established 1965. Two years of instruction after senior matriculation.

Mount Royal College, 8th Ave. and 11th St. S.W., Calgary, Alberta. (Telephone 266-4611). President: W.B. Pentz, BA, MA, EdD. Co-educational. Residence accommodation available for out-of-town students. Original college established 1910. Affiliated to The University of Alberta as a junior college since 1931. One year of instruction after senior matriculation. In September 1966, Mount Royal College became a public college.

CONSTITUENT TEACHING ORGANIZATION Banff School of Fine Arts, Banff, Alberta. Director: D.S.R. Leighton, BA, MBA, DBA. Established in 1933 as a school in the arts related to the theatre. Co-educational and non-denominational. Provides residence and dining accommodation, meeting and seminar arrangements. The summer session courses are offered for university credit, Banff School certificates, or simply for recreation and pleasure.

CARLETON UNIVERSITY*

Ottawa, Ontario K1S 5B6

Telephone: 613-231-4321

Cable: Carleton University, Ottawa, Ontario

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — Lester Pearson, PC, CC, OBE, BA, MA, LL.D, DCL, FRAIC. President and vice-chancellor — Michael Oliver, BA, MA, PhD.

GENERAL INFORMATION Carleton University is a provincially controlled university with the main source of income being public. The university is co-educational and non-sectarian.

BACKGROUND Carleton College was established in 1942 by the Ottawa Association for the Advancement of Learning. The association was incorporated in 1943 and operated Carleton College; the first degrees in journalism and public administration were awarded in 1946. In 1952, the Carleton College Act changed the corporate name to Carleton College and endowed it with the power to grant degrees. In 1957, the name was changed to Carleton University and the institution moved to the new Rideau River campus.

In July 1967, Carleton University acquired the St. Patrick's College property from the English Oblates of eastern Canada, and

members of the college became staff members of the university. At the same time, Carleton established a new division of its faculty of arts to be referred to as the St. Patrick's College division. Members of the staff of the school of social welfare located at St. Patrick's College also became staff members of the university, to serve in the new school of social work which was established by Carleton University, and which is located at the St. Patrick's College campus.

BOARD OF GOVERNORS The Board of Governors of Carleton University is composed of the chancellor, ex officio, the president, ex officio, and thirty elected members. The chancellor of the university is appointed by the board of governors and the governors are elected by the board. The government, conduct, management and control of the college and of its work, affairs and business, and of its property and revenues, and all other matters are vested in a board of governors. This board has all powers necessary or convenient to perform its duties and achieve the objects and purposes of the college, including the power to make by-laws.

SENATE The Senate is made up of 36 members elected from the faculty board, 10 ex-officio members, and 12 special appointments. The functions of the senate are: (a) consider and determine all courses of study including requirements for admission; (b) recommend the establishment of additional faculties, schools, departments, chairs or courses of instruction in the university; (c) receive and consider recommendations respecting academic matters from the faculty boards of the university; (d) conduct examinations and appoint examiners; (e) grant degrees, honorary degrees and diplomas; (f) award university scholarships, medals and prizes; (g) make rules and regulations respecting the conduct and activities of

*Ordinary member, AUCC.

the students of the university; (h) publish the university calendars; (i) make such recommendations as may be deemed proper for achieving the objects and purposes of the university; (j) make rules and regulations for the conduct of its affairs; (k) elect four of its members to serve on the board of governors.

INCOME (1971-72) Total income (except government grants for debenture interest), \$24,776,514 (fees, 21.7%; provincial government, 69.3%; sponsored research, 6.9%; miscellaneous, 2.1%).

PUBLICATIONS The following publications are produced by Carleton University and are available upon request from the registrar's office: Carleton University undergraduate calendar (Rideau River and St. Patrick's College); graduate studies calendar; school of social work calendar; summer school calendar; handbook for students entering first year, (faculty of arts); school of architecture brochure; school of journalism brochure; Soviet and east European studies brochure; school of commerce brochure; math brochure; French-language program brochure; unified liberal arts program brochure; faculty of science brochure; general science program brochure; guidance counsellors handbook (Ontario only); extension division brochure; part-time studies guide; faculty of arts brochure; faculty of engineering brochure; St. Patrick's College brochure; art history brochure; residence brochure; off-campus housing brochure; and general admissions brochure. The following publications are available upon request from the Students' Association: the Charlatan, the Shillelagh, directory of students.

ACADEMIC YEAR Winter session: mid-September to early May. Summer session: evening division — last week of May to mid-August. Day division — first week of July to mid-August.

BUILDINGS AND GROUNDS Carleton University is located in Ottawa (metro population 447,736). The main campus is situated in Ottawa south between the Rideau River and the Rideau Canal, on a 130-acre site. A smaller, St. Patrick's College campus is located two miles down the Rideau Canal towards the centre of the city. The main campus has 11 teaching and research buildings, an administration building, a library, five residences which accommodate 1,317 students and a gymnasium. An indoor swimming pool is under construction. A university centre houses a variety of recreational and extracurricular facilities.

The St. Patrick's College campus is located on Echo Drive about 1 1/2 miles from the main campus. Three buildings comprise the campus: the main St. Patrick's building, the library, and the school of social work. Two residence houses are located nearby.

STUDENT RESIDENCES The main campus has five residences. Lanark, Grenville and Russell houses accommodate 535 women, Glengarry house accommodates 635 men and Renfrew co-educational house accommodates 147 students. The main building of St. Patrick's College accommodates 55 men while 22 women live in two houses located near the college.

LIBRARIES The holdings of the library on the main campus are: 637,500 volumes, 175,000 microforms, and 13,110 current periodical subscriptions. Students may have access directly or through interlibrary loans to the National Library, National Science Library, and nearly 100 special government libraries. The St. Patrick's campus has a library with holdings of 62,500 volumes and 515 current periodicals.

STUDENT LIFE The awards office, placement office, student housing and food services, and the athletics office are just a few of

the many services available to students. A shuttle bus provides direct transportation between the St. Patrick's College and the Rideau River campus. The university centre offers recreational and educational services and conveniences that people may need or desire in their daily life on campus and provides an opportunity for them to gather in relaxed and informal discussion outside the classroom.

The campus organization, World University Service of Canada, a foreign students' advisor, and administrative officers provide services for foreign students. The community offers international house on Somerset Street as an international meeting place.

MEDICAL SERVICES There are medical clinics on both the main and St. Patrick's campuses which have regular hours and are staffed by physicians and nurses. There is also an infirmary on the main campus available to all full-time students.

STUDENT COUNSELLING SERVICES The counselling service on both campuses is staffed by counsellors qualified to provide counselling in areas of personal, academic and career concerns. Consulting psychiatrists are also in attendance.

UNIVERSITY BOOKSTORE The university bookstore with a branch office on the St. Patrick's campus offers a wide range of reference books and books for leisure reading as well as required and recommended books for classroom use. Stationery supplies, material for laboratory use, giftware and other student requirements are also available.

STUDENT EMPLOYMENT The bookstore, student enterprises, the university centre, the library, and the various food services offer student employment on campus. Recruiting is done individually by these offices. Students who are interested in part-time positions for the academic year are urged to register at an early date with the placement office. Information is available on permanent employment opportunities, as well as summer positions, while the holdings of the guidance library are of use to those exploring various career areas.

STUDENTS' ASSOCIATION The Students' Association, comprised of all registered students, sponsors a wide variety of programs and activities. Debates and symposiums concerning the financing and quality of education, publications including a weekly newspaper, a day-care centre, a student business agency, student co-op housing, a closed-circuit radio station, clubs, musical and dramatic societies, social functions including our famous "animal dances", and other recreational and cultural undertakings constitute the co-curricular student program. The Students' Association was instrumental in proposing a plan of co-operative decision-making known as New University Government (N.U.G.). This scheme allows for formal student representations in the governing of the university at the levels of departments, faculty boards, senate and the board of governors.

GRADING SYSTEM Standing is graded as follows for all faculties — A: 80-100%; B: 70-79%; C: 60-69%; D: 50-59%.

FINANCIAL AWARDS AND ASSISTANCE Carleton University offers approximately 100 entrance scholarships, the average value being \$400. These scholarships are open to all qualifying- and first-year applicants to the university. Bursary assistance is available to students not qualifying for government assistance.

FINAL EXAMINATIONS Final examinations are scheduled at the end of each term and session, with students having access to

subsequent deferred, supplemental and special examinations. Examinations are not held in all courses.

GRADUATION Convocation takes place in the spring and fall, with the following degrees being awarded: BJ, BA, BSc, BMus, BEng, BCom, BArch, MA, PhD.

FEES AND COSTS All-inclusive fees comprise: tuition, students' association, athletics and health fees and where applicable, laboratory, graduation, and summer survey fees. Full-time (a) for first degree – arts (Rideau River campus), \$653; arts (St. Patrick's campus), \$641; journalism, music, commerce, and science, \$653; engineering and architecture, \$713; (b) for graduate studies – \$177 (per term) to \$653 (academic year). Part-time (per subject), Rideau River campus, \$127.40; St. Patrick's campus, \$122.

Room and board residence per session, \$950 to \$1,025.

ADMISSION REQUIREMENTS

Canadian students - undergraduate

1. Students currently enrolled full time in grade 13 within the province of Ontario must use the Ontario universities general application form which is available only through the secondary schools. Other applicants should request an application for undergraduate admission from the office of admissions. For admission to qualifying year (equivalent to grade 13, Ontario); a minimum average of 70% in six advanced or enriched courses at Ontario grade 12 level. For admission to first year; Ontario honor graduation diploma with 60% (65% for honor program).

2. Quebec applicants: a) to qualifying university year (all programs) 10 papers at grade 11 level with a minimum average of 70% as follows: English composition and literature; language other than English, e.g., French – oral and written; mathematics, elementary algebra, geometry; history; science, two of physics, chemistry, biology, geography or another language; optional subject acceptable to the graduation diploma. b) To first year: five appropriate subjects at the grade 12 level with a minimum average of 60% or successful completion of the first year of the general CEGEP program including appropriate subjects with an overall second-class honors standing.

Other provinces: equivalent standing at the corresponding level (in the required subjects) to the Ontario requirements; must meet admission requirements of universities in home province.

3. Tests for admission. For admission to qualifying year, SACU aptitude scores are recommended for Ontario students; all other Canadian students must present SACU aptitude tests (verbal and mathematical). For admission to first-year university, SACU scores are required.

4. Specific requirements. Qualifying year: arts, English, four subjects from the following list one of which must be mathematics or a language: French, geography, German, Greek, history, Italian, Latin, mathematics, Russian, science (physics and chemistry), Spanish, one additional subject (may be chosen from the subjects listed above). Engineering: mathematics, science (chemistry and physics), three of English, French, German, Greek, Italian, Russian, Spanish, geography, history, and one additional subject (may be chosen from the subjects listed above). Science: mathematics (mathematics I and II, algebra, and geometry), science

(physics and chemistry), English, and two of French, German, Greek, Italian, Latin, Russian, Spanish, geography, history and one additional subject (may be chosen from the subjects listed above).

First year – architecture: the Ontario secondary school honor graduation diploma with minimum 60% average including functions, calculus and physics. Arts: the Ontario secondary school honor graduation diploma with minimum 60% average including two of English, language other than English, mathematics. Commerce: the Ontario secondary school honor graduation diploma with minimum 65% average including functions, calculus and either English or language other than English. Engineering: the Ontario secondary school honor graduation diploma with minimum 60% average including functions, calculus, chemistry and physics. Journalism: the Ontario secondary school honor graduation diploma with minimum 65% average and including a language other than English, (French is recommended). Music: the Ontario secondary school honor graduation diploma with minimum 65% average and including two of English, a language other than English, mathematics. Science: the Ontario secondary school honor graduation diploma with minimum 60% average including functions, calculus and two sciences.

Foreign students

Foreign applicants other than US are not eligible for admission to the qualifying year. Certificates equivalent to Ontario honor graduation required for first-year admission. UK and Commonwealth – GCE or equivalent in five subjects with at least two at A-level is a minimum requirement for first year. USA – high school graduation with a minimum of 16 units in grades 9-12 for qualifying year (freshman) consideration; advanced placement exams with grades of three or better credited. Outstanding applicants considered for direct admission to first year (sophomore). College Board SAT's required with three achievement tests, including English composition, recommended. Students whose mother tongue is not English must present satisfactory scores on the University of Michigan English language test or the test of English as a foreign language. Candidates submitting the international baccalaureate will be considered for admission.

Mature students

Persons lacking normal entrance requirements but who are 23 years of age or over, and who can give evidence of potential success in university studies will receive consideration for admission to full-time studies.

Graduate

Admission requirements for each program offered in the faculty of graduate studies are briefly described below. The applicant must also be recommended by the department, division, institute, or school in which he plans to undertake his studies. Because certain fields of study may have additional or more particular requirements, it is suggested that prospective applicants consult the annual graduate calendar.

Graduate diploma in public administration (DPA) – an applicant must have a bachelor's degree with at least second-class standing from a recognized university, and must have completed courses in introductory economics and Canadian government and politics.

Qualifying-year program – in many departments, applicants who

do not qualify for direct admission to a master's degree program may be considered for admission to a qualifying-year program. If successful in this qualifying-year program, they may be admitted to a master's program the following year. Master of arts (MA) – an honors bachelor's degree (or the equivalent) with at least second-class standing is required for admission to the program. Master of engineering (MEng) – applicants are admitted under the general regulations (see MA) but in addition are required to have strong undergraduate preparation in the appropriate engineering disciplines, computer programming, mathematics, and physics. Master of science (MSc) – the minimum requirements for admission to the program are as outlined above for MA. Master of social work (MSW) – the basic academic prerequisite is a bachelor's degree, preferably of the liberal arts type, with some emphasis on the social sciences. Normally at least B standing at the undergraduate level is expected for admission.

Doctor of philosophy in arts (PhD) – a master's degree, with at least high second-class standing is ordinarily required for admission to the program. Doctor of philosophy in engineering (PhD) – an applicant must hold a master's degree in engineering (or its equivalent) and by his previous program of study and scholastic record, demonstrate a capacity for advanced study and research. Experience gained while working in an engineering or research environment will be taken into account when assessing the application. Doctor of philosophy in science (PhD) – applicants holding an MSc degree from a recognized university will be considered for admission into the program.

Date for receipt of applications

Students from abroad and mature matriculants, April 1; transfer students, July 1. Others, August 1.

COURSES AND DEGREES

ARCHITECTURE

School of architecture, faculty of engineering

Bachelor of architecture (BArch). Pass course, six years from junior matriculation, five years from senior matriculation.

ARTS

Faculty of arts

Note: Carleton University recently abolished all compulsory first-year courses in favor of a "free choice" system. Incoming students will be able to choose any five courses from a list of courses designated open to first-year students.

Bachelor of arts (BA). (a) Pass course, four years from junior matriculation, three years from senior matriculation. Major programs are offered in the following areas: anthropology, art history, biology, classical civilization, classics, economics, English, French, geography, German, history, Italian, law, linguistics, mathematics, music, philosophy, political science, psychology, religion, Russian, sociology, and Spanish. (b) Honors course, four years from senior matriculation (three years in special cases). Honors programs are offered in the following areas: anthropology, art history,

classics, economics, English, French, geography, German, history, law, linguistics, mathematics, philosophy, political science, psychology, public administration, religion, Russian, sociology, Soviet and east European studies, and Spanish.

Faculty of graduate studies

Master of arts (MA). Normally one year from the honors BA; available in Canadian studies, classics, comparative literature, economics, English, French, geography, German, history, international affairs, mathematics, philosophy, political science, psychology, public administration, sociology, Soviet and east European studies, and Spanish.

Doctor of philosophy (PhD). At least two years' full-time study from the MA; available in biology, chemistry, economics, engineering, geology, mathematics, physics, political science, psychology, and sociology.

Business, see commerce below

COMMERCE

School of commerce, faculty of arts

Bachelor of commerce (BCom honors). Five years from junior matriculation; four years from senior matriculation. The course is designed to provide a broad foundation in academic disciplines bearing on business and economic affairs in general and to permit a measure of concentration in one of the following fields: economics, accounting and finance, quantitative methods, and labor and industrial relations.

ENGINEERING

Faculty of engineering

Bachelor of engineering (BEng). Five years from junior matriculation, four years from senior matriculation. The first three years of the program are devoted to the foundations of engineering: chemistry, mathematics, physics, and the engineering sciences. In the fourth year three options are offered: civil, electrical, and mechanical engineering.

Faculty of graduate studies

Master of engineering (MEng). Normally two years from a bachelor's degree in engineering; available in aeronautical, civil, electrical, materials, and mechanical engineering.

Doctor of philosophy in engineering (PhD). At least two years' full-time study from the MEng; available in aeronautical, civil, electrical, materials, and mechanical engineering.

JOURNALISM

School of journalism, faculty of arts

Bachelor of journalism (BJ honors). Two programs are available: (a) five years from junior matriculation, four years from senior matriculation; (b) one year after completion of first degree.

PUBLIC ADMINISTRATION

School of public administration, faculty of arts

Certificate in public service studies (CPSS). Junior matriculation is required for admission. Applicants without their junior matriculation will be considered on their merits and the completion of certain subjects at Carleton University may be required before admission. Length of term: six courses to be completed in full-time or part-time study.

Bachelor of arts with honors in public administration (BA). Five years from junior matriculation, four years from senior matriculation.

Faculty of graduate studies

Graduate diploma in public administration (DPA). One year from a bachelor's degree from a recognized college or university in the required pattern.

Master of arts in public administration (MA). One year or more from either a bachelor's degree and the graduate diploma in public administration; or a bachelor's degree with either honors or an additional year of graduate work.

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). (a) Pass course, four years from junior matriculation, three years from senior matriculation. Areas of emphasis: biology, chemistry, geology, mathematics, and physics. (b) Honors course, four years from senior matriculation (three years in special cases), available in biochemistry, biology, chemistry, geology, mathematics, physical geography, physics, psychology, combined programs in biology and geology; chemistry and geology; geology and physics; mathematics and physics. (c) General science degree, three years from senior matriculation. A total of 15 courses required. Eight or more courses must be from the faculty of science and the remainder from outside the faculty of science, that is, humanities, social science, and engineering.

Faculty of graduate studies

Master of science (MSc). One year from an honors BSc. Available in biology, chemistry, geology, mathematics, and physics.

Doctor of philosophy (PhD). At least two years of full-time study after the MSc; available in biology, chemistry, geology, mathematics, and physics.

SOCIAL WORK

School of social work

Master of social work (MSW). At least two years from a bachelor's degree.

EXTENSION PROGRAMS

For university credit

Evening courses — undergraduate classes in arts, science, and commerce. The following degrees, certificates, or diplomas may be taken entirely by evening study — BA, CPSS, DPA, and with special permission MA in public administration. Studies for the BSc, BCom, and BJ may be begun in evening classes, but candidates must expect to take a substantial part of their degree work in the day division.

Summer session — the summer session at Carleton University is designed for students proceeding to a degree by part-time study, for students taking courses towards professional and vocational qualifications, and for full-time students needing courses additional to their regular program. Virtually all disciplines are represented in the summer session, day and evening classes.

For no university credit

The extension division offers a wide variety of non-credit evening courses in liberal arts; communication arts; business and professional development; and languages. The division also sponsors an extensive series of public lectures on a wide range of topics, concerts, dramas, films, and other cultural events of interest to the general adult community.

SPECIAL PROGRAMS School of public administration; School of international affairs; Institute of Canadian studies; School of social work; School of journalism; Institute of Soviet and east European studies. Interdisciplinary courses are offered in computing science, engineering, humanities, and science. St. Patrick's College offers a unified liberal arts program which is designed to foster and develop the intellectual life of the participant by means of an integrated approach to the study of selected themes of continuing concern to man.

SEMINARY OF CHRIST THE KING

Mission, British Columbia

Telephone: 604-826-8975

PRINCIPAL OFFICERS Chancellor — Right Reverend Eugene Medved, OSB, MA. Rector — Reverend Augustine Kalberer, SML, PhD.

GENERAL INFORMATION Seminary of Christ the King is a privately supported Roman Catholic ministerial training school and is staffed by Benedictine monks of Westminster Abbey, Mission, B.C., offering four years of tuition in the faculty of arts and four years in the faculty of theology to men preparing for the priesthood.

BACKGROUND The seminary was founded in 1931 by the Archbishop William Duke of Vancouver. The Benedictines assumed direction in 1939. In 1966 a provincial charter empowered the seminary to grant the bachelor of arts degree and degrees in theology.

GOVERNMENT The seminary staff of 21 constitutes the senate. It elects the chancellor. He is chairman of the board of governors and appoints the other six board members.

PUBLICATIONS The seminary calendar describes the courses in the faculty of arts and the faculty of theology and may

be obtained from the registrar. The Pax Regis, an abbey-seminary paper, is published twice a year.

ACADEMIC YEAR The academic year begins the second week of September and closes at the end of May. It is divided into two sessions or semesters, with examinations in December and May. Course credit is awarded on the semester basis.

BUILDINGS AND GROUNDS The beautiful 200-acre campus is situated in the Fraser valley near Mission, B.C., 40 miles east of Vancouver.

LIBRARY The library contains 21,000 books along with current scientific journals.

STUDENT ASSOCIATION The Student Association functions as a student council and manages sports and recreational activities.

GRADING SYSTEM The mark for each course is entered on the student's record by a letter grade which has a numerical equivalent as follows: A, 4, first-class; B, 3, second-class; C, 2, pass; D, 1, pass; F, 0, failure; I, 0, incomplete; and W, 0, withdrew. Grade point average — grade points are established by multiplying the semester hours of the course by the numerical equivalent of the course grade. A grade point average for the semester is computed by dividing the total number of grade points by the total number of semester hours. Standing is determined by the grade point average as follows: first class — 3.5 or higher; second class — 2.5 or

higher; pass — a grade point average of 1.0 or higher. The minimum requirement for the bachelor of arts degree is a grade point average of 2.0, computed on the courses used for credit towards the degree.

FEES AND COSTS Tuition in arts and theology, per annum \$400. Board and lodging, per annum \$550. Other prescribed fees, \$25.

ADMISSION REQUIREMENTS Anyone may apply for admission whether he wishes to become a member of the secular clergy or of a religious order. The academic requirement for admission to the faculty of arts is completion of grade 12 on a university entrance program. Admission to the faculty of theology normally requires a first degree with tuition in the humanities.

Mature students

A student who did not complete the academic entrance requirement and who, after working for a number of years, wishes to resume his studies and chooses the priestly ministry as his goal may apply as a mature student. Such a student will normally be admitted to the faculty of arts only if he is

more than 25 years of age and has recently given evidence of his ability to profit from university studies, such as evening classes or correspondence courses with the department of education. Each application will be considered on its own merits.

COURSES AND DEGREES

ARTS

Faculty of arts

Bachelor of arts (BA). Normally a four-year program. Degree granted on a general program and a major program.

THEOLOGY

Faculty of theology

Bachelor of theology (BTh). Degree granted after three years of theological studies for which the BA or its equivalent is a prerequisite. A fourth year of theological studies is required to complete the professional training for the priesthood.

DALHOUSIE UNIVERSITY*

Halifax, Nova Scotia

Telephone: 902-424-2211

Telex: 014-423-512

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – Lady Beaverbrook. President and vice-chancellor – The Hon. H.D. Hicks, CC, QC, BSc, BCL, MA, BEd, LLD, DCL. Vice-president (health sciences) – C.B. Stewart, CD, BSc, MD, CM, DrPH, FAPHA, FRCP(C). Vice-president (academic) – W.A. MacKay, BA, LL.M. Vice-president (administration) – D.H. McNeill, BSc, RIA.

GENERAL INFORMATION Dalhousie University is a private, non-denominational co-educational university. The board of governors is the supreme governing body; it has 46 members. The president is the chief executive officer, and the senate is entrusted with the internal regulations of the university.

BACKGROUND Dalhousie University was founded in 1818 by the ninth Earl of Dalhousie, who was then lieutenant-governor of Nova Scotia. However, except for a few years between 1838 and 1845, Dalhousie did not function as a university until 1863. The first degree of bachelor of arts was awarded in 1866.

*Ordinary member, AUCC.

BOARD OF GOVERNORS The Board of Governors is composed of 46 members. The membership includes

the chancellor, and the vice-chancellor who is the president of the university. The governor-in-council appoints 25 members; the alumni association appoints 9 members and the Dalhousie student union appoints 4 members. Two members represent King's University, the United Church of Canada names one representative and Mount Saint Vincent University names two representatives. The mayor of the city of Halifax is an ex-officio member. The board of governors is the supreme governing body of the university.

SENATE By statute of the legislature the Senate is entrusted with the internal regulations of the university subject to the approval of the board of governors. All degrees are conferred by the senate. Senate is composed of the president and vice-presidents, deans of faculties, chairmen of departments, directors of schools and institutes, registrar, all faculty holding rank of full professor, 25 elected representatives of faculties, a representative of the Dalhousie faculty association and 4 members elected from the Dalhousie student union.

INCOME (1971) \$27,935,000 (student fees, 12.3%; endowments, 6.9%; government grants, 60.5%; restricted funds, 11.7%; miscellaneous, 8.1%; deficit, .5%).

PUBLICATIONS Alumni news (quarterly); Ansul (quarterly); Dalhousie Gazette (weekly); Dalhousie review (quarterly); MeDal (annually); University news (fortnightly tabloid).

ACADEMIC YEAR Winter session: early September to end of April. Summer session: six weeks in May and June; six weeks in July and August.

BUILDINGS AND GROUNDS Located on 62 acres in a residential area of the southwest end of Halifax, with a metropolitan population of 205,000, the university has over 10 teaching and research units; a gymnasium and skating rink, and a student union building. Major buildings: arts and administration building, Killam memorial library, student union building, life sciences centre, arts centre, chemistry building, Sir James Dunn science building, Weldon law building, Sir Charles Tupper medical building. Medical science facilities are located in the Sir Charles Tupper medical complex. The animal care centre, the audio-visual departments and the faculty of health professions are located in the Tupper building.

There are extensive laboratories in the psychology section of the life sciences complex designed for research with humans, small mammals, birds, fish, and primates. Among the specialized facilities are a nursery school for the study of child behavior, and a seawater tank for the study of marine mammals. A mobile laboratory is available for off-campus study of nursery, elementary, and secondary school students.

The Maritime school of social work of Dalhousie University is located on the corner of Oxford Street and Coburg Road. It was integrated into the university in 1969. The dentistry building contains the laboratories and teaching clinics for instruction in those subjects of a purely dental nature.

The Dalhousie computer centre is equipped with a CDC 6400 series computer. Other computers installed on the campus include an XDS sigma 5 computer (biophysics) and two decline-8 computers (biology, psychology and oceanography) which are used for laboratory experimentation. There is an arts centre for the performing and visual arts with auditorium, ancillary areas for music activities, a drama theatre with supporting workshops and teaching quarters and an art gallery.

STUDENT RESIDENCES A residence for women (Shirreff hall) and a residence for men (Howe hall) are located on campus. Each residence can accommodate about 400 students. Off campus there is a 113-unit married student residence which contains a pre-school child care centre, and in addition there are a number of houses which are available for students. Included in off-campus accommodation is Fenwick towers which accommodates approximately 812 students.

LIBRARIES The university library system accommodates the needs expressed in the undergraduate teaching programs, and specialized professional schools. Its component units are: law library (62,000 volumes); health sciences library (82,000); Killam library (over 300,000); and Macdonald science library (60,000 volumes).

STUDENT LIFE There are many clubs and societies in which the students may participate; some examples are: Dalhousie chorale, concert band, Dawson geology club, Dalhousie liberal association, Cameron house film society, Dalhousie commerce society, law society, pre-med society, Canadian University Service Overseas (recruits qualified Canadians to work in their fields of specialty for two years in a developing country), art gallery committee, and Dal-King's reading club.

Student council, the student newspaper, and other student organizations have accommodation in the student union building. The

student union building offers lounges, a cafeteria, meeting rooms, games room, television lounge, a bank, a barber shop and a bookstore (additional to the main university bookstore).

The International Students Association provides a common meeting ground for overseas students attending Dalhousie; promotes a feeling of fellowship among overseas and Canadian students, thus furthering the education of all concerned. The association aids overseas students in solving particular problems which they encounter while attending Dalhousie, and hosts a welcome reception for new students, a Christmas program, films, folk nights, dances, and an international soiree. Other campus organizations serving foreign students are: African students society; Dal-Chinese students society; Dal-West Indian society; Indisa. Included in the religious organizations are: Dalhousie Christian fellowship, Hillel society (Jewish), Newman club (Catholic), Baha'is at Dalhousie, and Dalhousie Muslim Students Association.

MEDICAL SERVICES University health service: the university operates a health service and a small in-patient infirmary. Further specialist services in a fully accredited medical centre are available when indicated. The university health service is not open to university staff except in emergency cases.

STUDENT COUNSELLING SERVICES The staff of the Student Counselling and Psychological Services Centre provides free assistance to students who have problems or who wish to develop the ability to function more effectively as persons or as students. The following programs are offered: (a) professional individual counselling, available for any personal or social problem which a student may encounter; (b) anxiety management programs which is a group program offered to students who experience troublesome tension and worries writing tests and exams or about other things; (c) study skills program consisting of eight sessions with videotaped lessons covering topics such as organizing study time, taking lecture notes, reading textbook material, writing exams, etc.; (d) vocational exploration program for students who are uncertain about the educational area or vocational plans; (e) effective listening program which aims at helping students become more effective listeners and hence better communicators; (f) couples communication program which has been arranged for couples — married, engaged, or dating. They can participate in a six-week group program aimed at increasing knowledge and skill in communicating with others.

UNIVERSITY BOOKSTORE The bookstore stocks textbooks, reference books and some general "browsing" material. Students pay Toronto list price for textbooks. In addition to the bookstore, the College shop, situated in the student union building, carries an assortment of college items, i.e., glassware, jackets, tracksuits, magazines, book-ends, etc.

STUDENT EMPLOYMENT The Department of Manpower and Immigration, manpower division, in co-operation with the university, maintains a year-round Canada Manpower Centre in the student union building. The main function of this office is to provide personal employment counselling and assistance to the students of this university. Up-to-date information is available on most careers of interest to university graduates.

Personal interviews for graduating students can be arranged with over 100 employers who visit this campus each year (usually from mid-October to mid-December). Information and interviews for summer employment are available in January, February and March of each year. Bulletins on all job opportunities are posted on employment bulletin boards in various locations throughout the university.

STUDENT UNION All full-time fee-paying Dalhousie students are represented on the Student Council – the student governing body. This body is composed of some 22 elected representatives and three appointed members. The student union fee is fixed at \$40 per full-time student. Stated objectives are: (a) to promote artistic, literary, educational, social, recreational, charitable and sporting activities for the advancement of the interests of its members and others; (b) to act as the official organization of the students of Dalhousie University; (c) to co-ordinate, promote and direct the activities of the students of the university, subject to the rules and regulations of the university.

GRADUATE STUDENT ASSOCIATION Membership includes all graduate students enrolled in non-professional degree programs. Officers of the association are elected annually by the membership. The fees are \$10 annually. The association has as its objective the promotion of the cultural, educational and artistic education of the graduate students.

GRADING SYSTEM Faculty of arts and science – letter grade, no numeric equivalent. Faculty of dentistry – distinction, 80-100%; pass, 55-79%; pass mark, 55%; average of 60% required on all subjects of the year. Faculty of graduate studies – pass mark, B-; thesis grading, approved, or not approved. Faculty of health professions – letter grade and grade point average.

Faculty of law: A+ – 80%; A- – 77-79%; A – 74-76%; B+ – 71-73%; B – 68-70%; B- – 65-67%; C – 60-64%; D – 55-59%; E – 50-54%; F – below 50%; overall weighted average of 55%. pass mark 50%. Faculty of medicine – distinction, 80-100%; pass, 55-79%; pass mark, 55%; average of 60% required on all subjects of the year.

FINANCIAL AWARDS AND ASSISTANCE Dalhousie offers the following student financial support: 1) entrance scholarships – awarded to graduating high school students on the basis of academic performance; 2) bursaries – awarded to full-time students who demonstrate financial need; 3) undergraduate scholarships – awarded to undergraduates at Dalhousie on the basis of academic performance; 4) postgraduate scholarships and fellowships – awarded to new and continuing postgraduate students on the basis of academic performance; 5) prizes and medals – awarded to eligible students during an undergraduate career or at graduation. The awards office co-ordinates all student financial support programs and offers financial and budgetary counselling.

FINAL EXAMINATIONS Arts and science – in all classes covering two terms, examinations are conducted at the end of the first term, and in the spring. Medicine – May. Dentistry – students in first, second and third year write examinations in May and graduating students write in April. Graduate studies – April. Health professions – examinations are held at dates appointed by the instructors.

A student may be permitted to write a supplemental examination in one class in which he failed if: a) he has otherwise fulfilled the requirements for class work; b) he has obtained a mark not less than 40% (or FS grade) in the final examination; c) he has not failed his year. The supplemental must be written in August immediately following the failure. It may not be deferred. A student who fails to pass the supplemental can obtain credit for that class only by repeating it. No more than one supplemental may be written by any student on the work of any one year. A supplemental examination may, at the discretion of the department concerned, constitute the same proportion of the final mark as did the spring examination in the original class. No student may write both a supplemental examination and an examination at the end

of the same year. No supplementals are allowed for classes taken at summer school. No more than five passes may be obtained, as a result of a supplemental, and may be counted towards a degree.

GRADUATION There are four spring convocations and a fall graduation at Dalhousie. Degrees are conferred by the senate of the university.

FEES AND COSTS Approximate tuition fees per year: full-time (a) for first degree – arts, commerce, pre-law, science, nursing, pre-medical, pre-dental, education, engineering, pharmacy, physical education, physiotherapy, \$720; law, \$745; medicine, \$815 (1st, 2nd, 3rd, and 4th years) and \$520 (5th year); dentistry, \$835; dental hygiene, \$720. (b) For master of arts or science or laws, \$725 for first year; (c) for doctor's degree, \$725 for each required year of residence. Above fees inclusive (library, athletics, societies, etc.). Part-time, one or two classes, per class, \$150.

Residence rates, board and room, \$960 – \$1,040.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Minimum age – 16 years. Nova Scotia junior matriculation complete with five subjects including English. Nova Scotia senior matriculation with five high school academic subjects. Minimum average 60%, no subject less than 50%. Certificates of equivalent standing from other provinces.

2. Tests for admission. SACU scores required.

3. Specific requirements. Dental hygiene (diploma) – applicants are advised to have chemistry and biology included in their senior matriculation. Preference will be given to residents of the Atlantic provinces but applications from qualified students from other provinces will be considered. Deadline for applications is April 15. Admission of students educated in USA – the minimum entrance requirements for candidates from the U.S. is high school graduation with exceptionally high standing (high CEEB scores and/or advanced placement work). Normal admission to the first year of the dental hygiene course requires completion of one year of study (minimum of 30 semester hours) at an accredited institution of higher learning in the USA; students so admitted will not be granted advanced standing. Dentistry (DDS) – admission is limited and preference is given to residents of the Atlantic provinces, but qualified students from other provinces will be considered. Students intending to proceed to the study of dentistry should acquire a background in the humanities and the social sciences, and attain facility in the use of the written and spoken word. Students are encouraged to proceed to a bachelor's degree before seeking admission to the faculty. In addition to general faculty requirements, successful completion of a minimum of 10 classes during regular attendance in the faculty of arts and science of Dalhousie University or their equivalents at a university acceptable to the faculty of dentistry is required. Five of these 10 classes are imperative, namely: English 100; physics 100, biology 101 or 200; chemistry 110 and 241. Credit for the remaining five classes may be obtained in either of the following ways: (a) by the successful completion of three classes chosen from the humanities and the social sciences plus two other elective classes; (b) by bachelor's degree. All Canadian applicants must submit test results from the Canadian Dental Association dental aptitude testing program. Applicants from other countries may submit the American Dental

Association dental aptitude testing program results. For more complete details regarding admission procedure, see calendar for the faculty of dentistry.

Law (LLB) – (a) The applicant must have received, with standing satisfactory to the admissions committee, the degree of BA, BSc, BCom or an equivalent degree from Dalhousie University or from another degree-granting college or university recognized by the senate. (b) If he has no degree within rule (a) the applicant must have completed, with standing satisfactory to the admissions committee, at least three full years' study after junior matriculation or two full years' after senior matriculation of a course leading to the degree of BA, BSc, BCom, or an equivalent degree at Dalhousie or at another degree-granting college or university recognized by the senate. For the purposes of this rule junior matriculation means Nova Scotia grade XI or equivalent and senior matriculation means Nova Scotia grade XII or equivalent.

Medicine (MD) – (a) satisfactory completion, before June 10 in the year of expected entry to the faculty, of a minimum of 15 academic classes (usually during three years of full-time attendance) in a regular degree program of the faculty of arts and/or science of a university whose first degree course ordinarily takes four academic years following junior matriculation (Nova Scotia grade XI or its equivalent) or (b) satisfactory completion, before June 10 in the year of expected entry to the faculty, of a minimum of 10 academic classes (usually during two years of full-time attendance) in a regular degree program of the faculty of arts and/or science of a university whose sole entrance requirement is senior matriculation (Nova Scotia Grade XII or its equivalent as defined by the faculty of arts and science of Dalhousie) and from which a pass bachelor's degree may ordinarily be obtained in three academic years. Admission preference is given to Canadian citizens whose place of residence is in the Maritime provinces. Applications from well-qualified students from other provinces and countries will be considered for up to 10% of the places in each entering class. The medical college admission test is a requirement for admission to the faculty and it is the responsibility of the applicant to arrange to take the test. It must have been taken before the admission application is submitted. The test is administered, each year, in early October and in May. Therefore, the applicant must have taken the test no later than in the October testing of the year prior to expected entry to the faculty of medicine. (Opportunity to take the test is provided in most university centres – it is not arranged for or administered by the faculty of medicine. Those intending to take the test in October should take steps to obtain an application blank before September – one year before expected admission to this faculty.) Applications are to be made only on the regular application form and must be submitted before January 15 in order to be considered for admission in September of the same year. Applications from students who are non-residents of the Maritime provinces, must be accompanied by a \$10 fee, which is not refundable and is not applied to tuition fees.

Nursing (BN) – as under general admission requirements above plus senior matriculation in mathematics and chemistry. Pharmacy (BSc) – as under general admission requirements plus senior matriculation in English, mathematics, and at least one of chemistry, physics or biology. Physical education (BPE) – general requirements plus senior matriculation in English, at least one of physics, chemistry or biology and a minimum overall average of 65%. Physiotherapy (DipPhysio) – usual faculty requirements plus senior matriculation in physics and either chemistry or biology. No application will be considered after March 1st for September enrolment.

Foreign students

UK, West Indies, West Africa – GCE with five subjects with at least two at A level or four subjects with three at A level (English essential at least at O level). Hong Kong – GCE as for UK or equivalent subjects in Hong Kong University matriculation, and test of English as a foreign language. India and Pakistan – bachelor's degree with first- or second-class of an approved university or first-class on intermediate exams; English, mathematics and a second language; required passes at university level. Students whose mother tongue is not English must present satisfactory scores on University of Cambridge or University of Michigan English language test. USA – first-year accredited university standing with a minimum of 30 semester hours; mathematics and English required; students with high grade 12 academic graduation and high CEEB scores and/or advanced placement scores may be admitted. Applicants submitting the international baccalaureate will be considered for admission.

Graduate

1. General requirements. Admission to the faculty of graduate studies, master's program. i) A bachelor's degree from a university of recognized standing, with: (a) honors, or the equivalent of Dalhousie University, in the field in which graduate work is to be done, or; (b) completion of at least four undergraduate classes, or their equivalent, in the field in which graduate work is to be done, with an average of at least second-class standing. ii) Candidates meeting i)(a) may be admitted to a one-year master's program. iii) Candidates accepted under i)(b) must be admitted to a two-year master's program.

Candidates who do not meet the minimum admission requirements as stated in i)(b) above may, upon the recommendation of the department, be admitted to a preliminary year of study. This year is to be known as the qualifying year. At the end of the qualifying year students must reapply for admission to a master's program. That application must meet the requirements of i)(b) above; successful candidates are admitted to a two-year master's program. Completion of the qualifying year is to be regarded as achievement of minimal entrance qualifications; it is not the equivalent of an honors degree or the first year of graduate work.

Requirements for admission to the faculty of graduate studies, doctoral programs. i)(a) A bachelor's degree from a recognized university with honors standing as granted by Dalhousie University, or; (b) a master's degree or its equivalent, from a recognized university. ii) Candidates with an honors undergraduate degree in the proposed field of study may be accepted into a three-year PhD program. iii) Candidates with a master's degree, or the equivalent, in the proposed field of study will be admitted to a two-year PhD program. Where that degree is in a field other than the proposed field of PhD study, the candidate may be accepted into a two-year program at the discretion of the department.

2. Specific requirements. Anatomy (MSc) – in addition to the general requirements for admission, applicants are expected to have received sound basic training in general biology, chemistry and physics. Preference will be given to applicants with training in comparative anatomy, vertebrate embryology, microanatomy, physiology, biochemistry and biophysics. Medical graduates of high standing, with aptitude for research, may be accepted. Biochemistry (MSc) – an honors course in biochemistry or chemistry equivalent, or

the degree of MD with at least second-class standing in relevant subjects, or a general BSc with good standing in relevant subjects. PhD – a degree of MSc in biochemistry or equivalent, or degree of MD with good standing in relevant subjects, or under exceptional circumstances a well-qualified candidate for the MSc may, if his progress is considered to be sufficient, be allowed to change to a PhD program. A qualifying examination may be required of students upon admission to assess their background and arrange course requirements. Business administration (MBA) – candidates are required to sit for the admission tests for graduate study in business (ATGSB). This requirement may be waived, in exceptional circumstances, at the discretion of the admissions committee. ATGSB results will be considered, with other information submitted by applicants, in deciding on eligibility for admission. Combined business administration and law (MBA/LLB) – candidates for the MBA/LLB program must also satisfy the entrance requirements of the faculty of law (see calendar of that faculty). Biochemistry (MSc) – applicants are encouraged to register for the PhD.

Law (LLM) – to be admitted as a candidate for the master of laws degree an applicant must have obtained the bachelor of laws degree from Dalhousie University with at least a high second-class standing, or a corresponding degree from another recognized law school with a commensurate standing. In some cases an applicant may be required to spend a period in attendance at Dalhousie Law School, during which time he must show ability to pursue graduate work before being admitted as a candidate for the master of laws degree. Library (MLS) – candidates for the degree program must: a) hold a bachelor's degree with at least second-class standing from a recognized university; b) have had the equivalent of two years' university level study in a foreign language, or be able to demonstrate a reading knowledge of a foreign language. Candidates whose native language is not English must demonstrate a working as well as a reading knowledge of English.

Microbiology (MSc) – in addition to the general requirements for admission, candidates must have received sound basic instruction in chemistry and biology and one class in microbiology, with at least second-class standing. Oceanography – in addition to general faculty requirements, undergraduate preparation may be in any of the basic sciences: biology, chemistry, physics, or geology. Degrees in mathematics or engineering are also acceptable if the undergraduate work includes a reasonably good background in relevant basic science. Oral surgery (MSc) – candidates require DDS or DMD. Applications by December 30. Pathology – candidates require MD and high standing in courses relevant to pathology. Pharmacology – applicants must have an honors BSc degree or BSc (Pharm) as offered at Dalhousie. Physical education (MPE) – requirements satisfactory to both faculties: health professions and graduate studies. Physics (MSc) – applicants should have an honors degree (or equivalent) in physics, mathematical physics or engineering physics. PhD – applicants should have an MSc, or its equivalent, in physics, mathematical physics or engineering physics.

COURSES AND DEGREES

ARTS

Faculty of arts and science

Bachelor of arts (BA). (a) Ordinary course, three years from senior matriculation. (b) Honors course, four years from senior matriculation. Available in anthropology, art history, biology, classics, economics, education, English language and literature, French, German, history, mathematics, mediaeval studies, modern languages, music, philosophy, political science, psychology, religious studies, Russian, sociology and anthropology, Spanish and theatre.

Faculty of graduate studies

Master of arts (MA). At least two years from ordinary BA. The holder of a BA degree with honors or of an ordinary degree with very high standing may complete the requirements in one year, provided that full time is devoted to the course. Available in classics, economics, education, English, French, German, history, mathematics, modern languages, philosophy, political science, psychology, and sociology and anthropology.

Doctor of philosophy (PhD). At least two years from MA. Available in economics, English, history, mathematics; political science and psychology.

Business, see commerce below

COMMERCE

Faculty of arts and science

Bachelor of commerce (BCom). (a) Ordinary course, three years from senior matriculation. (b) Honors course, four years from senior matriculation.

Faculty of graduate studies

Master of business administration (MBA). Two-year program following bachelor's degree.

Combined master of business administration and bachelor of laws (MBA/LLB). Four-year program following bachelor's degree.

DENTISTRY

Faculty of dentistry

Diploma in dental hygiene (DipDHyg). Two-year diploma course beyond senior matriculation.

Doctor of dental surgery (DDS). Four years from three years of

arts or science beyond junior matriculation or from two years beyond senior matriculation.

EDUCATION

Faculty of arts and science

Bachelor of education (BEd). Four years beyond senior matriculation for undergraduate degree and BEd or five years for honors degree.

Bachelor of education (BEd). A sequential course for students who have completed a BA, BSc or BCom degree course. One-year program.

Faculty of graduate studies

Master of arts in education [MA(Ed)]. One year from BEd with at least second-class standing, or degree of MA or MSc with professional teachers' certificate, class 11, of the province of Nova Scotia, or equivalent.

ENGINEERING

Faculty of arts and science

Bachelor of science for engineering [BSc(Engin)]. Three years from senior matriculation.

Bachelor of science in engineering physics [BSc(Eng-Phy)]. Four years from senior matriculation.

LAW

Faculty of law

Bachelor of laws (LLB). Three years from arts, science or commerce degree or from three years leading to such degree beyond junior matriculation, or from two years beyond senior matriculation.

Faculty of graduate studies

Master of laws (LLM). At least one year from LLB.

Combined master of business administration and bachelor of laws (MBA/LLB). Four-year program following bachelor's degree.

LIBRARY SERVICE

Faculty of graduate studies

Master of library service (MLS). Four-term course to be taken on a: a) two-year schedule; b) one-year (12 months) schedule; c) part-time schedule (to be completed in five years). The one-year schedule is limited to applicants with an honors undergraduate degree, or equivalent, and previous library work experience. The

course includes academic course electives, optional thesis, required library work experience in addition to professional courses.

MEDICINE

Faculty of medicine

Doctor of medicine (MD). Four years of university and one year of internship, following three years in arts or science beyond junior matriculation or two years beyond senior matriculation.

Also in affiliation with the associated hospitals, postgraduate training in clinical specialties; in association with the faculties of arts and science, health professions and graduate studies, instruction leading to diplomas, bachelor's (honors) and master's degrees and the PhD degree in all or most of subjects of anatomy, biochemistry, microbiology, pathology, pharmacology, and physiology and biophysics.

MUSIC

Faculty of arts and science

Bachelor of music education (BMusEd). A four-year program following senior matriculation.

NURSING

School of nursing, faculty of health professions

Bachelor of nursing (BN). Four calendar years from senior matriculation or three years from graduation from a recognized school of nursing.

Diploma courses

Entrance requirements – one year after graduation from a recognized school of nursing (RN standing) and a satisfactory period of professional experience.

One-year diploma in (a) public health nursing (DipPHN) or (b) nursing service administration (DipNSA).

Two-year diploma in outpost nursing (DipOPN). One academic year at Dalhousie and one-year supervised internship in northern Canada. Two alternate courses of study within the outpost nursing program have been developed. The first has been devised for applicants who are already certified midwives and extends over a period of 13 months. The second has been devised for applicants who have completed a program in public health nursing and offers a combined course of study in outpost nursing and nursing service administration extending over a period of two years.

PHARMACY

College of pharmacy, faculty of health professions

Bachelor of science in pharmacy [BSc(Pharm)]. Four years from senior matriculation.

Faculty of graduate studies

Master of science (MSc). Normally two years from BSc in pharmacy. Twelve months of resident study and research is a minimum requirement.

PHYSICAL EDUCATION

Faculty of health professions

Bachelor of physical education (BPE). Four years from senior matriculation.

Faculty of graduate studies

Master of physical education (MPE). One academic year plus thesis from bachelor's level.

PHYSIOTHERAPY

Faculty of health professions

Diploma in physiotherapy (DipPhysio). Two years after senior matriculation.

POLITICAL SCIENCE

Faculty of arts and science

Certificate in public administration (CertPA). One academic year. May be taken on a part-time basis.

Faculty of graduate studies

Master of public administration and graduate diploma in public administration (MPA and DPA). A two-year program leading to a degree of master of public administration, and a one-year program leading to a graduate diploma in public administration are also available through the department of political science. The latter, and the final year of the former, may be taken on a part-time basis. A separate brochure is available on these programs, and further information on them may be obtained from the coordinator of the programs in public administration, department of political science.

Science, applied, see engineering

SCIENCE, PURE

Faculty of arts and science

Bachelor of science (BSc). (a) Ordinary course, three years from senior matriculation. (b) Honors course, four years from senior matriculation. Available in biochemistry, biology, chemistry, classics, education, geology, mathematics, microbiology, physics and psychology.

Faculty of graduate studies

Master of science (MSc). At least two years from ordinary BSc. The holder of a BSc degree with honors or of an ordinary degree with very high standing, may complete the requirements in one year provided that full time is devoted to the course. Available in anatomy, biochemistry, biology, chemistry, geology, microbiology, oceanography, oral surgery (three-year course), pathology*, pharmacology, physics and physiology.

Doctor of philosophy (PhD). At least three years from honors bachelor's degree, or two years from master's degree. Available in biochemistry, biology, chemistry, economics, English, geology, history, mathematics, microbiology, oceanography, pharmacology, physics, and physiology.

*Master of laboratory science (MLabSc). Offered by the department of pathology. At least two years from ordinary BA or BSc. Candidate must have some background in chemistry and the biological sciences. Holders of a bachelor's degree with honors may complete the requirements in one year, provided that full time is devoted to the course.

SOCIAL WORK

Faculty of graduate studies

Master of social work (MSW). At least two years from bachelor's degree.

Diploma of social work (DipSW).

EXTENSION PROGRAMS

For university credit

Classes offered in arts, science, commerce and physical education. Mature students accepted. No residence requirements for undergraduate degree. Evening courses – regular classes are scheduled in late afternoon and evening and are open to both full-time and part-time students. Summer school courses – two sessions, May-June, and July-August. Program planned on a three-year projection basis. Up to five credits allowed, one per session.

For no university credit

Correspondence – courses in municipal accounting, municipal administration, for assessors offered through the Institute of Public Affairs. Evening courses – late afternoon and evening classes in selected fields with or without examinations. Professional courses – in-service programs provided through the faculty of medicine and other professional faculties in co-operation with their respective professional societies. Other – special lecture series, conferences, seminars and workshops offered by various departments in the faculty of arts and science and by the Institute of Public Affairs. A series of lectures and workshops on computer programming offered through the computer centre.

SPECIAL PROGRAMS Concentrated honors program in mediaeval studies; combined program – master of business administration and laws; integrated program in the humanities and social sciences; joint honors program with Mount Saint Vincent

University. Transitional-year program — a program has been designed to assist educationally disadvantaged black and Indian communities in Nova Scotia. Aim is to prepare students to enter regular degree courses. Experimental courses may be given in each semester where demand is evident. Equivalent value with regular classes.

RESEARCH INSTITUTES The Clinical Research Centre — which is connected by a link to the Tupper medical building tower, houses the research laboratories for the departments of medicine, obstetrics, paediatrics and preventive medicine.

The Atlantic Research Centre for Mental Retardation — is situated in the link area between the Clinical Research Centre and the Tupper building.

The George A. Burbidge pharmacy building — is equipped with modern research and teaching laboratories to accommodate programs in pharmaceutical research.

Facilities are available for research in microbiology and pathology in the Pathology Institute of the Nova Scotia Department of Health. Excellent equipment for advanced research has been established at this centre.

The Institute of Oceanography — is housed in the life sciences centre and includes a running seawater facility which contains controlled environmental rooms and large tanks and flumes suitable for experimental work in marine geology and biology. Opportunities for ocean-going research are provided by federal oceanographic ships, particularly those of the Bedford Institute. The institute provides a curriculum leading to the MSc and PhD in oceanography. Properly prepared undergraduates are admitted to these

courses by special permission. The institute, in co-operation with the departments of biology, chemistry, geology, and physics, works in close association with other organizations in the area which have marine interests. These include the Bedford Institute of Oceanography, Nova Scotia Technical College, the Nova Scotia Research Foundation, the Atlantic Regional Laboratory of the National Research Council, and the Defence Research Establishment Atlantic. Together they form a powerful inter-institutional group for study of oceanographic and fisheries problems in the Canadian Maritimes.

ASSOCIATED UNIVERSITIES University of King's College, Halifax, Nova Scotia. In 1923, the University of King's College moved from Windsor, Nova Scotia, to Halifax and became associated with Dalhousie. Under the terms of this association, King's holds in abeyance its power of granting degrees, except in divinity. In arts and science, the two staffs are combined. See separate entry.

Mount Saint Vincent University, Rockingham, Nova Scotia. In 1969, a five-year agreement was signed to permit improvement in fields of education mutual to the two institutions. See separate entry.

Nova Scotia Technical College, Halifax, Nova Scotia. In 1969, a five-year agreement was signed to permit closer relationship in the fields of architecture and engineering. See separate entry.

Dalhousie accepts for credit purposes recognized courses offered at these institutions.

COLLÈGE DOMINICAIN DE PHILOSOPHIE ET DE THÉOLOGIE*

96, avenue Empress, Ottawa (Ontario) K1R 7G2

Téléphone: 613-233-5721 ou 232-7363

Prière d'adresser la correspondance d'ordre général au secrétariat général du collège

DIRECTION Chancelier — T.R. Père Georges Perreault, O.P., BA, LTh, DPh, prieur provincial des Dominicains au Canada. Régent des études — G.-Dominique Mailhiot, O.P., BA, MST, SSL, Dipl École biblique.

HISTORIQUE Le Collège dominicain de philosophie et de théologie existe depuis 1900, à Ottawa. Le 12 juin 1909, l'Ordre des Frères Prêcheurs le reconnaissait comme Studium générale de la province Saint-Dominique du Canada, à savoir comme centre d'études supérieures de philosophie et de théologie pour la formation doctrinale des étudiants dominicains. Durant la même année, le 31 mars 1909, le collège était incorporé civilement dans la province de l'Ontario et, par des lettres patentes supplémentaires en date du 6 octobre 1967, il devenait le Collège dominicain de philosophie et de théologie.

Le 26 juin 1965, la Congrégation romaine des universités érigeait le département de théologie en Faculté universitaire pontificale, selon une charte lui donnant le pouvoir de conférer aux étudiants dominicains les grades canoniques de baccalauréat, de licence et

de doctorat en théologie. Le 22 mars 1967, au cours de la 5^e session de la 27^e législature du gouvernement de l'Ontario, le Collège dominicain se voyait octroyer une charte civile universitaire, lui donnant le pouvoir de conférer à n'importe quel étudiant les grades civils (baccalauréat, maîtrise, MA et PhD) en philosophie, en théologie et en théologie pastorale.

CONSEIL D'ADMINISTRATION Le conseil d'administration du collège est composé de deux membres ex officio (le chancelier et le régent des études) ainsi que du secrétaire-trésorier et de cinq membres élus selon des règlements particuliers. Le conseil d'administration établit les règlements concernant l'administration de chaque département, contrôle l'administration financière du collège et approuve les projets d'intérêt majeur pour le développement du collège.

SÉNAT Le sénat ou conseil du collège est composé du chancelier, du régent, du vice-régent, du secrétaire des études ainsi que des directeurs de chaque département. Il assure la promotion de l'enseignement et de la recherche. Sa compétence s'étend à tout ce qui a trait aux affaires universitaires.

REVENUS Les revenus du collège proviennent actuellement de subventions de la part de la province canadienne de l'Ordre des Frères Prêcheurs, ainsi que des frais de scolarité des étudiants.

ANNUAIRE On peut obtenir un exemplaire de l'annuaire du collège, en s'adressant au secrétariat, Collège dominicain, 96, avenue Empress, Ottawa (Ontario) K1R 7G2.

*Membre provisoire de l'AUCC.

ANNÉE UNIVERSITAIRE Deux semestres: du début de septembre au milieu de décembre, du début de janvier au début du mois de mai.

BÂTIMENTS ET TERRAINS, ET BIBLIOTHÈQUES Le Collège dominicain est situé dans le centre-ouest de la ville d'Ottawa, à proximité des centres culturels de la capitale du Canada: Centre national des Arts, Galerie nationale, Musée national, Bibliothèque nationale et autres.

Le collège met à la disposition des professeurs et étudiants une bibliothèque spécialisée (70.000 volumes, 350 périodiques). Les étudiants peuvent prendre, s'ils le désirent, les repas au collège. Le secrétariat donne à ceux et celles qui le demandent les indications pour trouver un logement dans le voisinage du collège.

Le département de théologie pastorale, situé à proximité du campus de l'Université de Montréal, met à la disposition de ses professeurs et étudiants une bibliothèque spécialisée en sciences humaines et dans les disciplines intéressant les études pastorales.

ASSOCIATION DES ÉTUDIANTS Les étudiants sont groupés en une association (AECDO), dont le comité directeur a pour fonctions d'entretenir des rapports avec la direction et le conseil des professeurs, d'informer les étudiants, d'organiser des activités parascolaires et de participer au nom des étudiants à tout ce qui peut promouvoir le bien commun du collège.

SYSTÈME DE MENTIONS 85% – excellent; 80% – très bien; 75% – bien.

AIDE FINANCIÈRE Les étudiants dont les parents résident dans la province de Québec peuvent bénéficier des prêts et bourses du gouvernement de cette province. Les étudiants laïques, résidant dans la province de l'Ontario, peuvent bénéficier des prêts du service d'aide aux étudiants du ministère de l'Éducation du gouvernement de l'Ontario.

EXAMENS FINALS Un examen final a lieu pour chaque cours à la fin du semestre. Si un candidat échoue à un examen, il a la possibilité de se présenter de nouveau à une session spéciale d'examens qui a lieu au début du semestre suivant. Au terme du premier cycle, l'étudiant doit être reçu à un examen spécial sur des questions choisies dans la matière des trois premières années. Un examen semblable mais plus spécialisé est aussi requis pour l'obtention de la maîtrise, de la MA ou du PhD.

DROITS D'INSCRIPTION Étudiants à temps complet, \$435; étudiants à temps partiel, \$20 (par crédit); étudiants en rédaction de thèse ou de mémoire de recherche, \$30. Étudiants libres, \$15 (par crédit).

CONDITIONS D'ADMISSION Baccalauréat avec mention en philosophie – le candidat devra avoir fait des études collégiales qui le rendent admissible aux facultés de philosophie des universités canadiennes ou des études jugées équivalentes. Baccalauréat en philosophie – le candidat doit être porteur d'un baccalauréat ès arts (BA) ou avoir fait des études jugées équivalentes. Baccalauréat en théologie – pour être admis au premier cycle d'études théologiques, le candidat doit être porteur d'un baccalauréat ès arts (BA) ou avoir fait des études collégiales qui le rendent admissible aux facultés de théologie des universités canadiennes.

Études supérieures

Maîtrise en théologie – pour être admis au second cycle d'études théologiques, l'étudiant doit détenir un baccalauréat en théologie (BTh) ou avoir fait des études jugées équivalentes. De plus il doit posséder une connaissance suffisante des langues anciennes (latin et grec) pour consulter les sources avec profit et une connaissance pratique d'au moins deux des langues suivantes: français, anglais, allemand. Maîtrise ès arts en théologie – les conditions d'admission à la maîtrise sont les mêmes que celles requises pour la maîtrise en théologie.

Doctorat en théologie – pour être admis à la scolarité du doctorat l'étudiant doit détenir une maîtrise en théologie (MTh) ou une maîtrise ès arts (MA) en théologie, ou avoir fait des études jugées équivalentes. De plus, le candidat doit être capable d'utiliser de première main les textes anciens (latins, grecs et hébreux) et avoir une connaissance pratique des trois langues suivantes: français, anglais et allemand.

COURS ET GRADES

PHILOSOPHIE

Département de philosophie
Grades civils

Baccalauréat avec mention en philosophie [BA(Ph)]. Deux ans après la première année de la faculté des arts ou l'équivalent.

Baccalauréat en philosophie (BPh). Deux ans après le DEC avec concentration en philosophie ou le programme de philosophie équivalent dans une faculté des arts.

Maîtrise ès arts en philosophie [MA(Ph)]. Un an après le BPh. Mémoire de recherche.

THÉOLOGIE

Faculté de théologie
Grades civils

Baccalauréat en théologie (BTh). Trois ans après le DEC ou l'équivalent.

Maîtrise en théologie (MTh). Trois semestres après le BTh. Mémoire.

Maîtrise ès arts en théologie [MA(Th)]. Quatre semestres après le BTh. Mémoire de recherche.

Doctorat en philosophie en théologie [PhD(Th)]. Deux ans après la MTh. Thèse.

PASTORALE

Institut de Pastorale, 2715, chemin de la Côte Ste-Catherine,
Montréal 250 (Québec)
Grades civils

Baccalauréat en études pastorales (BEP). Un an après le DEC et deux certificats d'études pastorales (60 crédits) ou l'équivalent.

Baccalauréat en théologie pastorale (BThpast). Un an après le DEC et 60 crédits d'études théologiques ou l'équivalent.

Maîtrise professionnelle en pastorale (Mprofpast). Un an après le BTh ou le BThpast. Sans thèse.

Maîtrise en théologie pastorale (MThpast). Un an après le BTh ou le BThpast. Mémoire de recherche.

SERVICE D'ÉDUCATION PERMANENTE Cours spéciaux de théologie – cours sur les problèmes actuels de l'Église; le samedi. Cours du soir – en français (le mardi), en anglais (le jeudi); cours de théologie. Sessions et cours publics en pastorale – 2715, chemin de la Côte Ste-Catherine, Montréal 250 (Qué.).

UNIVERSITY OF GUELPH*

Guelph, Ontario

Telephone: 519-824-4120

Telex: 069-56540

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – The Honorable Mr. Justice E.M. Hall, LLB, DCL, DMed. President and vice-chancellor – W.C. Winegard, BSc, MSc, PhD. Vice-president, academic – J.P. Smith, BA, MA, PhD, DLit. Vice-president, administration – W.W. Bean, BA.

GENERAL INFORMATION The University of Guelph is non-denominational and co-educational; it is administered by a board of governors and a senate.

BACKGROUND The University of Guelph was created by an act of the Ontario legislature in 1964. Prior to this, the Ontario Veterinary College, the Ontario Agricultural College, and Macdonald Institute operated under the federated colleges of the Ontario Department of Agriculture and were affiliated to the University of Toronto from 1888.

The Ontario Veterinary College was established under private charter in 1862. The Ontario Agricultural College was established

by the province of Ontario in 1874. Macdonald Institute was established in 1903 as a division of home economics at the Ontario Agricultural College. Wellington College was established in 1964 for the teaching of arts and science at the university.

In 1970 a major academic administrative reorganization was approved by senate which restructured the colleges and schools to deal with the rapid growth and development of the university. The university now consists of seven colleges (Ontario Agricultural College, Ontario Veterinary College, College of Family and Consumer Studies, College of Arts, College of Biological Science, College of Physical Science and College of Social Science) and five schools (School of Agricultural Economics and Extension Division, School of Physical Education, School of Engineering, School of Landscape Architecture and Canada's only School of Hotel and Food Administration).

BOARD OF GOVERNORS The Board of Governors is comprised of 24 members, each member sitting for a three-year term. Four members are appointed by the lieutenant-governor-in-council, three members are faculty with tenure, who are nominated by senate, and 15 members are elected by the board itself. The chancellor and the president are ex-officio members of the board. The board oversees government, conduct, management of the university, its property, revenues, expenditures, business and affairs.

SENATE The Senate of the university, chaired by president W.C. Winegard, has approximately 145 members. It is composed of the academic officers of the university, an equal number plus

*Ordinary member, AUCC.

one of elected faculty members, 14 undergraduate and two graduate students elected by their respective student bodies, nine elected alumni members, and three appointees of the board of governors.

The senate is responsible for the educational policy of the university, and with the approval of the board insofar as the expenditure of funds and the establishment of facilities are concerned may create departments, schools or institutes, elect a chancellor, determine the educational policy of the university, the courses of study and standards of admission, confer degrees, and create committees generally to exercise its powers.

INCOME Total operating income (10-month period ending April 30, 1972) — \$46,047,000 (grants, 40%; fees, 8%; ancillary, 8%; grants, gifts and donations, 5%; contracted research, 17%; trust and endowment, 1%; capital, 19%; other, 2%).

PUBLICATIONS The university publishes separate graduate and undergraduate calendars each year. In addition there are undergraduate admission circulars and booklets describing the various degree programs.

ACADEMIC YEAR The academic year commences with the spring semester. Spring semester — early May until early August. Fall semester — early September until end of December. Winter semester — early January until late April.

BUILDINGS AND GROUNDS The university is situated on College Heights within the city limits with some 1,100 acres comprising the campus. In addition to some 25 teaching and research buildings, there are a main library (450,000 volumes), a physical education building, eight dining halls, 16 residence buildings and a coffee shop.

The university supports varied research and is world renowned for its contributions to agriculture, biological science, veterinary medicine and more recently, the physical and social sciences. Under a unique contract agreement with the Ontario ministry of agriculture and food (OMAF), the university carries out the majority of the province's agricultural research and related services. Three research stations, totalling about 1,700 acres and located in Elora, Preston and Arkell, are financially supported by OMAF and operated by the university.

Since 1965, the university has embarked on construction totalling 90 million dollars. New facilities include: the arts building, crop science building, McLaughlin library, animal science building, physical science building, engineering building, alumni stadium and several residences. In addition, existing academic buildings have been completely renovated to house offices, classrooms and academic departments, including computing science and landscape architecture. New and renovated residences accommodate about half of the student population.

The University of Guelph Arboretum is one of the more recent undertakings on campus. Located on some 330 acres on the eastern part of the campus, it was started in 1971 and will take 15 to 20 years to develop. It will be the only arboretum in Canada, located in this particular climatic zone. The arboretum is expected to be a popular natural resource for the region and the city of Guelph is co-operating in its development.

STUDENT RESIDENCES Sixteen residence buildings house 1,944 male students and 1,944 female students. In addition, the university has 140 town houses for the use of married students.

LIBRARIES The university library collection of 450,000 volumes is housed in the McLaughlin library and in a branch library in the Ontario Veterinary College.

STUDENT LIFE Students may participate in either intramural or intercollegiate sports. As well a complete range of clubs, societies and student organizations is available. Services available to students are: medical services; psychological services; chaplains; career planning and placement; department of student affairs (including international student advisor); etc.

MEDICAL SERVICES Each student entering the university for the first time is required to submit a medical form completed by both the student and the family physician. A medical clinic and infirmary have been established in Macdonald hall to provide a comprehensive preventive medicine and treatment program. In addition to personal care, the medical service provides a source of health education and supervision of the environment. An immunization program is carried out annually among certain students exposed to possible infections. Mass tuberculosis surveys are also supervised. A physician is available daily during week days from 8 a.m. to 6 p.m. in the out-patient clinic to provide advice and medical care. After hours, a qualified nurse is always on duty to provide advice, care, and referral to a physician if necessary. Students in residence or living off campus very often require care for illnesses, which might normally be treated at home. Consequently, a 12-bed infirmary has been established to provide such service. This is staffed by qualified nurses on a 24-hour-a-day basis. It also provides an isolation facility for infectious diseases.

To ensure proper health care, it is compulsory to have both OHIP (the new combined health care plan) and Co-operative Health Services of Ontario coverages (premium is included in the fees).

STUDENT COUNSELLING SERVICES The Psychological and Counselling Services employ an experienced professional staff to assist the individual student with those significant emotional and social problems he may be unable to resolve. The main objective is to help the student make the best use of his personal resources and, if necessary, reorganize relevant behavior in order to achieve the most effective and satisfying self-realization during his university years. The basic method of service is a program of assessment and psychotherapy.

This service is available exclusively to the students of the university, both undergraduate and graduate. A consultant service is available in cases involving non-students and staff but this service is second in priority to service to students. Interviews and consultations are conducted by appointment only.

CAMPUS BOOKSTORE The campus bookstore is located in the physical science complex and is operated by the Guelph campus co-operative, under the guidance of the Bookstore Advisory Committee. A board of directors is the legal body responsible for the operation of the Guelph campus co-operative. Membership is open to students, faculty, staff of the university, and to the citizens of the local community.

The bookstore comprises three floors of well-stocked merchandise in modern decor. The upper floor contains stationery, art, and engineering supplies. The main floor is the general reading floor. Contained on this floor are magazines, paperbacks, periodicals, and many trade and general-reading books. The lower floor contains all textbooks and recommended course books for the entire university. All books are systematically laid out for easy self-service for the students. A textbook guide is located on this floor

and a student can locate what books are required for his particular course and whether or not it is in stock.

The Guelph campus co-operative gives coupons at a discount of 5% to participating members on purchases of all textbooks and mandatory art supplies.

STUDENT EMPLOYMENT The career planning and placement office is available to assist students in finding part-time, seasonal and permanent employment. On-campus interviews are arranged with prospective employers. Vocational counselling is available to students seeking to evaluate their educational and vocational goals. The reference section of the office contains vocational literature and company information, which are available to students. Sources of information on work, study, travel and volunteer service at home and abroad are also available. During the year conferences are arranged with prospective employers from industry, business and education.

GRADUATE STUDENT ASSOCIATION All graduate students are represented; the governing body is the executive, consisting of a president, a first vice-president, a second vice-president, a secretary, a treasurer; two graduate student senators and departmental representatives. The fee for full-time graduate students is \$4 per term, and for part-time graduate students it is \$2 per term. The purpose of the association is to represent the graduate student body and its members in all matters pertinent to welfare; to act as liaison between graduate students and the faculty, administration, and undergraduate students of the university; to promote social and cultural activities and service programs for the membership; and to provide a communicative link with the graduate students of other universities.

GRADING SYSTEM First degree honors programs: distinction – cumulative average of 80-100% on all course attempts; honors – cumulative average of 70-79% on all course attempts. Standing in individual courses is graded as follows: A – 80-100%; B – 70-79%; C – 60-69%; D – 50-59%. Graduate studies: A – 75-100%; B – 66-74%; C – 60-65%.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Numerous scholarships and bursaries are available for Ontario students entering the various undergraduate programs. Scholarships; fellowships; research, service and teaching assistantships are available for graduate studies.

FEES AND COSTS Tuition fees (per semester) for programs commencing September 1972. a) Full-time – associate diploma in agriculture, \$75, agriculture [BSc(Agr)], \$287.50; applied science [family and consumer studies (BASc)], \$287.50; arts (BA), \$292.50; engineering [BSc(Eng)], \$322.50; hotel and food administration (BComm), \$292.50; landscape architecture (BLA), \$352.50; physical education [BSc(PE)], \$295; science (BSc), \$297.50; veterinary medicine (DVM), \$287.50. b) Graduate studies – \$292.50 per semester. Tuition for part-time undergraduate – \$70 per course. Tuition for part-time graduate – \$125 per semester. Other university fees – \$24 per semester.

Residential fees – single student residences, \$315 per semester for room only; married student town houses, \$165 per month. Compulsory meal contracts: choice of A, B or C per semester (13 weeks): A – 154 meals, \$200; B – 168 meals, \$210; C – 196 meals, \$225.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Educational level equivalent to full Ontario secondary school honor graduation diploma (grade 13), 60% minimum overall average required. Principal's report and recommendation with school record.

2. Tests for admission. SACU test scores are normally required.

3. Specific requirements. Agriculture – mathematics (two credits), two of chemistry, physics or biology, two options. Engineering – mathematics (two credits), chemistry and physics are recommended, (two credits) and two options. Arts – no specific subject requirements (six credits). Hotel and food administration – mathematics (two credits), chemistry and two options. Applied science – mathematics (two credits), chemistry and three options. Landscape architecture – mathematics, chemistry, English and two options. Physical education and science – mathematics (two credits), two of chemistry, physics or biology and one option. Veterinary medicine – two years' science program at university level. Science – mathematics (two credits), two of chemistry, physics or biology and two options. For specific courses required consult the office of admissions.

Foreign students

Certificates evaluated for equivalence to those for Canadian students. England, West Indies, East and West Africa – GCE with either four subjects (at least three at A level) or five subjects (at least two at A level); agriculture, engineering, physical education, landscape architecture and science require mathematics and two of physics, chemistry or biology. Evidence of proficiency in English required; satisfactory scores on University of Michigan English language test or certificate of proficiency in English from the University of Cambridge or TOEFS acceptable. Candidates submitting the international baccalaureate will be considered for admission.

Mature students

Candidates of mature age (21 years or older in first month of the session to which admission is sought) who cannot meet the normal requirements may request specific consideration; special test, written only at the university, required prior to admission in arts, all other programs require senior matriculation in subject specified by the faculty.

Graduate

For admission to graduate study, a student must have obtained a first degree with second-class honors from an institution recognized by the senate of the University of Guelph and on a university program acceptable to the faculty of graduate studies.

Date for receipt of applications

The university cannot guarantee that applications received after these dates will receive consideration. Fall semester – August 1; winter semester – December 1; spring semester – March 15.

COURSES AND DEGREES

AGRICULTURAL SCIENCE

Ontario Agricultural College

Bachelor of science in agriculture [BSc(Agr)]. Eight semesters from senior matriculation. Specialization offered in agricultural biology, agricultural economics and business, animal science, environmental horticulture, plant science, and resources.

Faculty of graduate studies

Master of science (MSc). Minimum of two semesters from honors bachelor's degree, or equivalent. Specialization offered in agricultural economics, agrometeorology, animal and poultry science, crop science, environmental biology, extension education, food science, genetics, horticultural science, hydrology, resources development and soil science.

Doctor of philosophy (PhD). Minimum of five or seven semesters from recognized master's or honors bachelor's degree, respectively. Specialization offered in agricultural economics, agrometeorology, animal and poultry science, crop science, environmental biology, genetics, horticultural science, hydrology, and soil science.

ARTS

College of arts, college of social science

Bachelor of arts (BA). (a) General program, six semesters from senior matriculation. (b) Honors program, eight semesters from senior matriculation. Available in Asian studies, computing science, drama, economics, English, fine art, French, geography, German, history, Italian, Latin, mathematics, music, philosophy, political studies, psychology, sociology-anthropology, and statistics.

Faculty of graduate studies

Master of arts (MA). Minimum of two semesters from honors bachelor's degree, or equivalent. Specialization offered in economics, English language and literature, geography, history, philosophy, political studies, psychology, resources development, Scottish studies, and sociology-anthropology.

Doctor of philosophy (PhD). Minimum of five or seven semesters from recognized master's or honors bachelor's degree, respectively. Specialization offered in history, philosophy (jointly with McMaster), and Scottish studies.

ENGINEERING

School of engineering

Bachelor of science in engineering [BSc(Eng)]. Eight semesters from senior matriculation. Specialization offered in agricultural engineering, biological engineering design, design and water resources engineering design.

Faculty of graduate studies

Master of science (MSc). Minimum of two semesters from bachelor's degree, or equivalent. Specialization offered in agricultural engineering (including biological materials and mechanics); environmental control; electrification; feed and food processing; frost, snow and wind studies; materials handling; power, machinery, structures; waste management and water resources.

Doctor of philosophy (PhD). Minimum of five or seven semesters from master's or bachelor's degree respectively. Specialization offered in hydrology, fluid and thermodynamic processes and design.

FAMILY AND CONSUMER STUDIES

College of family and consumer studies

Bachelor of applied science (BASc). Eight semesters from senior matriculation. Specialization offered in applied human nutrition, child studies, consumer studies, family studies, and textiles.

Faculty of graduate studies

Master of science (MSc). Minimum of two semesters from honors bachelor's degree, or equivalent. Specialization offered in applied human nutrition, clothing, family studies, food administration, foods, and textile science.

Doctor of philosophy (PhD). Minimum of five or seven semesters from recognized master's or honors bachelor's degree, respectively. Specialization offered in applied human nutrition, food administration, foods, and textile science.

HOTEL AND FOOD ADMINISTRATION

School of hotel and food administration

Bachelor of commerce (BComm). Eight semesters from senior matriculation.

LANDSCAPE ARCHITECTURE

School of landscape architecture

Bachelor of landscape architecture (BLA). Eight semesters from senior matriculation.

PHYSICAL EDUCATION

School of physical education

Bachelor of science in physical education [BSc(PE)]. Eight semesters from senior matriculation.

SCIENCE

College of physical science, Ontario Agricultural College

Bachelor of science (BSc). (a) General science, six semesters from senior matriculation. (b) Honors program, eight semesters from senior matriculation. Specialization offered in biophysics, botany, chemistry, computing science, earth science, genetics, fisheries and wildlife, food science, marine biology, mathematics, microbiology, physics, science, statistics, theoretical physics and zoology.

Faculty of graduate studies

Master of science (MSc). Minimum of two semesters from honors bachelor's degree, or equivalent. Specialization offered in botany, chemistry, genetics, geomorphology, mathematics and statistics, microbiology, nutrition, physics, resources development, and zoology (including entomology; environmental physiology; fresh water and marine biology; parasitology; and wildlife behavior, biology, ecology and management).

Doctor of philosophy (PhD). Minimum of five or seven semesters from recognized master's or honors bachelor's degree, respectively. Specialization offered in botany, chemistry, genetics, microbiology, nutrition, and zoology (including entomology; environmental physiology; fresh water and marine biology; parasitology; and wildlife behavior, biology, ecology and management).

VETERINARY MEDICINE

Ontario Veterinary College

Doctor of veterinary medicine (DVM). Professional course, eight semesters.

Faculty of graduate studies

Intern/residency program (graduate diploma). Three semesters (one calendar year) from DVM degree or equivalent. Specialization in clinical studies, pathology and veterinary preventive medicine.

Master of science (MSc). Minimum of two semesters from honors bachelor's or other first degree, or equivalent. Specialization offered in biomedical sciences (including anatomy, histology, pharmacology, and physiology), biological immunology, clinical studies (including medicine, radiology, reproduction, and surgery), pathology (including parasitology), and veterinary microbiology.

Doctor of philosophy (PhD). Minimum of five or seven semesters

from recognized master's or honors bachelor's or other first degree, respectively. Specialization offered in biological immunology, biomedical sciences (including cardiovascular physiology, cell biology, cytogenetics, developmental biology, endocrinology, immunogenetics, neuroanatomy, oncology, pharmacology, physiology, radiobiology, and toxicology), pathology (including parasitology), and veterinary microbiology.

EXTENSION PROGRAMS The office of continuing education through the various colleges offers lecture series, seminars, and courses in arts, social sciences, agriculture, and languages as non-credit courses throughout the three semesters for the general public.

Professional development courses are also offered in agriculture and veterinary science. A three-year correspondence program leading to the Ontario diploma in horticulture is available with specialization in park management, nursery management, or landscape contracting.

SPECIAL PROGRAMS Programs in arts and science are offered on a continuous year-round teaching program of three semesters. In addition agricultural science, and family and consumer studies have a modified form of trimester. Students in arts and science commence university work in September, January, and April each year. Ontario grade 13 students may enter in April without completing grade 13.

RESEARCH INSTITUTES Centre for Educational Disabilities. The centre is an inter-disciplinary organization which gives psychologists, sociologists, physiologists, and representatives of other disciplines an opportunity to work in partnership and share facilities on work in the causes and remediation of educational failure at all levels.

Centre for International Programs, The. This centre has an inter-departmental role in supporting and co-ordinating the university's expanding interest and activities in international affairs, both on campus and overseas.

Centre for Resources Development, The. The various departments in the university concerned with renewable, non-renewable and human resources co-operate under the aegis of the centre in a graduate program, with an interdisciplinary approach to the philosophy and problems of resources development.

Institute of Computing Science. This institute was created to co-ordinate the data processing activities of the university. In addition to providing computer facilities the institute provides and promotes technical assistance in computing systems and programming.

HURON COLLEGE*

(Affiliated to The University of Western Ontario)

London, Ontario

Telephone: 519-438-7224

Direct general correspondence to the registrar

PRINCIPAL OFFICER Principal – The Ven. J.G. Morden, BA, LTh, BD, STM, DTh, DD.

GENERAL INFORMATION Huron College is an undergraduate, co-educational, residential liberal arts college affiliated with The University of Western Ontario, and is situated immediately adjacent to the main university campus.

BACKGROUND Huron College, the founding college of The University of Western Ontario, was established in 1863, and became an affiliated college of The University of Western Ontario in 1923.

With slightly more than 500 students, half of whom live in residence, the college's relatively small size fosters a sense of community, ensures that classes are generally small, and makes possible close working relationships between students and faculty. The college's academic affiliation with The University of Western Ontario means that its students obtain a University of Western Ontario

degree through Huron College and that all the academic and social resources of the university are fully open to them. Thus they not only take courses taught within the college but also can select courses within their program from those taught at the university itself; they can participate in extracurricular activities within both the college and the university.

In 1956 the college became an associate member of the American Association of Theological Schools. In 1958 the college received its new charter under the Ontario provincial government to grant its own degree in theology.

BOARD OF GOVERNORS The Board of Governors consists of thirteen members appointed by the corporation and functions in accordance with the Act of 1958, revised in 1961.

SENATE Huron College comes under the senate of The University of Western Ontario. See separate entry.

PUBLICATIONS General annual calendar; brochure.

ACADEMIC YEAR Huron College offers an intramural program of studies during the winter session only commencing mid-September and ending the first week in May.

BUILDINGS AND GROUNDS Huron College is located in London, Ontario. The city has a population of approximately 220,000. The college campus is forty-six acres and is adjacent to the campus of The University of Western Ontario.

*Ordinary member, AUCC.

STUDENT RESIDENCES Residence is provided for two hundred and fifteen men and one hundred women.

LIBRARY The library houses a choice collection of 88,000 volumes and it grows at the rate of 500 volumes per month.

STUDENT LIFE The Huron College Student Council and The University of Western Ontario student services are responsible for extracurricular activities. The college has a chaplain and warden in residence.

MEDICAL SERVICES The college has a resident nurse and students have access to The University of Western Ontario health services.

STUDENT COUNSELLING SERVICES Counselling is available at all times through the offices of the dean and registrar.

UNIVERSITY BOOKSTORE The bookstore is located on the main campus and services all of the colleges of the university.

STUDENT EMPLOYMENT Only part-time work in the library is available to students during the winter session.

GRADING SYSTEM The same as The University of Western Ontario; see separate entry.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Entrance scholarships available as outlined in the general calendar.

FINAL EXAMINATIONS Final examinations are set by departments under The University of Western Ontario senate regulations. These examinations are held during the last three weeks of the winter session. Supplemental examinations are not allowed and deferred examinations are allowed only in case of illness or extenuating circumstances.

GRADUATION In the faculty of arts there is a spring and fall convocation and degrees are conferred by The University of Western Ontario. In the faculty of theology there is a spring convocation only and degrees are conferred by Huron College.

FEES AND COSTS Tuition fees per year: full-time students

— arts, \$642.50; theology, \$550. Part-time students — arts, \$125 per course; theology — \$75 per course.

Residence rates: arts — \$1,100; theology — \$1,100.

ADMISSION REQUIREMENTS For admission to the faculty of arts and/or social science, see separate entry for The University of Western Ontario.

COURSES AND DEGREES

ARTS AND SOCIAL SCIENCE

Bachelor of arts (BA). (a) General course, three years from senior matriculation. (b) Honors course, four years from senior matriculation. Available in drama, economics, English, fine art, French, German, history, Latin, mathematics, philosophy, psychology, Russian, Spanish and combinations of these.

BUSINESS ADMINISTRATION

The first two years only of this honors program are offered at Huron. Students complete their third and fourth years at The University of Western Ontario.

THEOLOGY

Master of divinity (MDiv). Three years beyond a bachelor's degree from a recognized university.

Bachelor of ministry (BMin). Three years beyond a bachelor's degree from a recognized university (or in the case of the special student, after he has completed five arts subjects and has obtained a pass in all subjects of the three-year theological course including the bible and comprehensive examination).

COLLÈGE JEAN-DE-BRÉBEUF*

(Affilié à l'Université de Montréal)

3200, Côte Sainte-Catherine, Montréal 250 (Québec)

Téléphone: 514-342-1320

Prière d'adresser la correspondance d'ordre général au directeur des études

DIRIGEANT Recteur — R.P. Georges Legault, SJ, LPh, LTh.

RENSEIGNEMENTS GÉNÉRAUX Le Collège Jean-de-Brébeuf est un collège privé reconnu d'intérêt public par le ministère de l'Éducation de la province de Québec. Le collège est dirigé par les Pères de la compagnie de Jésus.

HISTORIQUE Jean-de-Brébeuf a été incorporé par un acte de la province de Québec, sanctionné le 22 février 1929. Le collège signait, le 12 mars 1929, une entente avec l'Université de Montréal qui lui confère un statut universitaire spécial. Ce statut privilégié, la loi concernant la charte de l'Université de Montréal (14 Georges VI, chapitre 142, sanctionnée le 29 mars 1950) le reconnaissait dans les termes suivants: "Dans le statut d'affiliation qui pourra être arrêté entre l'université et les collèges tenus par le RR.PP. Jésuites, l'université tiendra compte du privilège qui leur a été, jusqu'en 1920, reconnu par l'Université Laval, en conformité.

*Membre ordinaire de l'AUCC.

quant à la nature du privilège, des prescriptions de la constitution Jamdudum du 2 février 1889," (Ch. 142, art. 6.).

Dans la nouvelle charte de l'Université de Montréal (Bill 97, sanctionné le 12 août 1967, 15-16 Elisabeth II, chapitre 129, article 42): "Les droits et privilèges des collèges des Pères Jésuites à Montréal, reconnus par l'article 6 de la loi 14 Georges VI, chapitre 142, sont maintenus à l'égard des étudiants inscrits dans ces collèges avant le dernier jour de juillet 1972". Le Collège Jean-de-Brébeuf institue lui-même ses programmes et ses examens et désigne ses propres candidats au grade de bachelier ès arts. Sur présentation d'un certificat signé des autorités du collège, l'Université de Montréal confère le diplôme de bachelier.

ANNÉE UNIVERSITAIRE Du 30 août au 13 mai.

BÂTIMENTS ET TERRAINS Situé sur le flanc nord-ouest de la montagne, à proximité de l'Université de Montréal, le campus du Collège Jean-de-Brébeuf comprend actuellement le bâtiment central (1928), le pavillon Lalemant (1957), la bibliothèque (80,000 volumes), l'auditorium, la résidence des étudiants, la station géophysique et un gymnase.

RÉSIDENCE D'ÉTUDIANTS La résidence des étudiants peut accepter 215 étudiants.

BIBLIOTHÈQUE Une bibliothèque de 80,000 volumes, dont près de 50,000 dans la collection vivante et 400 périodiques sont à

la disposition de tous les étudiants et professeurs du cours collégial. Le "guide de la bibliothèque" du Pavillon Lalemant est distribué à tous les étudiants et donne tous les renseignements requis pour l'utilisation des services de la bibliothèque.

VIE ÉTUDIANTE Le service des sports s'occupe des activités sportives des étudiants à l'extérieur du collège. Un comité des sports formé de représentants étudiants, garçons et filles, voit à l'organisation et au bon fonctionnement des activités sportives. Le collège dispose d'un gymnase de grandeur olympique, d'une palestre et de vastes terrains de jeux. Les étudiants prennent part à des compétitions intercollégiales au basketball, au ballon-volant, au hockey, au tennis et en natation.

SERVICES D'ORIENTATION DES ÉTUDIANTS Psychologie et orientation – un psychologue consultant et un conseiller en information scolaire et professionnelle sont au service des étudiants. Aide pédagogique individuelle – la direction des études offre les services nécessaires pour aider l'étudiant à organiser son programme personnel d'études. Pastorale – le service de la pastorale est responsable de l'intégration de la dimension religieuse à la vie personnelle des étudiants.

SYSTÈME DE MENTIONS La note de succès dans chaque matière est de 60%. La promotion se fait par matière. Pour le diplôme d'études collégiales, les mentions sont accordées suivant le barème de la Direction générale de l'enseignement collégial du ministère de l'Éducation.

AIDE FINANCIÈRE ET BOURSES OFFERTES AUX ÉTUDIANTS Bourses du ministère de l'Éducation – les étudiants du cours collégial peuvent bénéficier des prêts et bourses offerts par le ministère de l'Éducation. Ministère de la Famille et du Bien-être social – ce ministère offre une aide financière, sous forme d'une allocation mensuelle au montant de dix dollars. Seuls les étudiants de seize et dix-sept ans peuvent se prévaloir de cet octroi. Bourses du collège – bourses de mérite scolaire, 20 bourses de \$100 aux 20 meilleurs dossiers scolaires; bourses de soutien – 30 bourses de \$200 aux conditions suivantes: excellence scolaire (75%); besoin d'aide financière. Autres bourses de soutien – des bourses de \$300 pour étudiants financièrement défavorisés. Le nombre de ces

bourses n'est pas déterminé. Toute demande de bourses du collège doit être adressée au bureau des admissions (cours collégial).

DROITS D'INSCRIPTION Les frais de scolarité sont déterminés conformément à la loi des institutions privées. Comme le collège est reconnu "d'intérêt public", les frais de scolarité s'élèvent à environ 30% du coût moyen de la scolarité dans le secteur public, soit à environ \$400.

CONDITIONS D'ADMISSION Un certificat de fin d'études secondaires, soit en secondaire V, soit en 11^{ème} classique ou scientifique. On demande aux étudiants de 11^{ème} année (secondaire IV) entre 70% et 75% de moyenne générale.

COURS ET GRADES

ARTS

Le collège offre le cours collégial conduisant au diplôme d'études collégiales. Ce programme est reconnu par le ministère de l'Éducation qui confère le diplôme d'études collégiales. Ce programme prépare à toutes les facultés universitaires.

ENSEIGNEMENT PRÉ-IMMATRICULATION

Enseignement secondaire de cinq années, avec choix d'options.

PROGRAMMES SPÉCIAUX Un centre de recherches en géophysique et une section de radio-météorologie. La station de séismologie et de météorologie fait partie du réseau international des stations géophysiques.

UNIVERSITY OF KING'S COLLEGE*

(Associated with Dalhousie University)†

Halifax, Nova Scotia

Telephone: 902-423-7497

Cable: University of King's College, Halifax, Nova Scotia

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — Norman Gosse, MD, CM, DSc, DCL, LL.D, FACS, FRCS(C). President — J.G. Morgan, BA, MA, DPhil. Vice-president — Harry Granter, BA, AM.

GENERAL INFORMATION King's is an Anglican, co-educational institution. It operates under a board of governors which appoints an executive council. Both the dioceses of Nova Scotia and of Fredericton contribute grants to the university.

The University of King's College is one of the founding partners of the Atlantic School of Theology, an inter-denominational institution established in Halifax in July 1971, for ministerial and theological studies. Students enrolled in the faculty of divinity of King's College receive the majority of their classes and instruction from the staff of the Atlantic School of Theology.

*Ordinary member, AUCC.

†Holds in abeyance its degree-granting powers in arts and science during the term of association with Dalhousie University.

BACKGROUND The University of King's College was established in 1789 by an act of the provincial legislature and established at Windsor, Nova Scotia. Teaching began that year and the first degrees were probably awarded in 1802 or 1803.

Following a fire in 1920, the university was re-established in Halifax in 1923 by means of private subscriptions and with the financial aid of the Carnegie Corporation of New York, which endowed the teaching of liberal arts. The university became associated with Dalhousie University and, under the terms of this association, holds in abeyance its power to grant degrees, except in divinity and other faculties not forming a part of Dalhousie. In arts and science the two staffs are combined. King's also retains complete control over present endowments, administration of residences and all internal matters.

BOARD OF GOVERNORS The university is governed by a board of 39 consisting of the bishops of the dioceses of Nova Scotia and Fredericton, the chancellor, the president, the vice-president, and the treasurer, ex officio, together with 8 members elected by the alumni association, 6 elected by the diocesan synods, 4 faculty representatives, 4 co-opted by the board, and 4 student representatives. The basic function of the board is the conduct, government, and operation of the university.

INCOME Year ending June 30, 1971. Total — \$552,000 (government grants, 65%; endowments, 25%; gifts, 7%; fees, 1.3%; miscellaneous, 1.7%). Income from ancillary enterprises — \$219,000.

PUBLICATIONS Calendar and brochures available from the registrar.

ACADEMIC YEAR Winter session: mid-September to early May.

BUILDINGS AND GROUNDS The University of King's College is situated on five acres of land on the northwest corner of the Dalhousie University campus in Halifax (population of metropolitan area 256,155, seaport capital of Nova Scotia). The principal building houses the offices of administration, classrooms, and the library. There is the president's lodge, a dining hall, a chapel, a large recreation hall, a gymnasium and a swimming pool.

STUDENT RESIDENCES A residence for women (Alexandra hall) and a residence for men are located on the campus. The women's residence will accommodate 100 students and the men's residence 125 students.

LIBRARY The library of the University of King's College was founded in 1789 and has been in use ever since. It now has about 55,000 volumes principally in the humanities and theology. It is especially strong in English literature where the Dr. J. Burns Martin memorial fund aids its growth; in Canadiana where the William Inglis Morse Endowment is used and in theology, philosophy and history. In the general field the Hon. W.J. Almon memorial fund and the Dr. T.H. Hunt memorial fund (a gift of the alumni) aid in the purchase of books.

Over the years the library has received many valuable and interesting gifts. Many of the forty incunabula in the collection were among a gift of books from T.B. Akins in 1872. The manuscript collection is small but it contains a number of illuminated medieval manuscripts. There is also a fine collection of United Empire Loyalist china given the university in 1881. Among the other interesting non-book items is a cuneiform tablet, date c 880 B.C. given in 1873, also swords that belonged to Sir John E. Inglis and Sir William Fenwick Williams, two noted Nova Scotians.

STUDENT LIFE Athletic association for men and women; dramatic and choral society; debating and literary societies.

MEDICAL SERVICES Health services and a small in-patient infirmary are provided for students. Further specialist services in a fully accredited medical centre are available when indicated. (By agreement with Dalhousie University.)

COUNSELLING SERVICES See separate entry for Dalhousie University.

UNIVERSITY BOOKSTORE The facilities of the Dalhousie University bookstore are made available to the students of University of King's College.

STUDENT EMPLOYMENT There are opportunities for students to earn part of their college expenses by working in the library, gymnasium and dining hall. A year-round Canada Manpower Centre is maintained on campus. This is done to assist students in obtaining employment.

STUDENT UNION The Students' Union is the organization in which the students enjoy their right of self-government. The constitution provides for a democratic government in which the participation of every student is expected. The students endeavor to play a determining role in every aspect of university life. The

union's main organs are the Student Assembly, the executive of the Students' Union, the Students' Council.

GRADUATE STUDENT ASSOCIATION The King's College Theological Community — the Theological Community is the divinity and pre-divinity student body of King's. The community is the co-ordinating body of all Anglican divinity student activities. It also provides a means of fellowship for divinity and pre-divinity students. The community holds regular business meetings. Other activities include the delegating of members to national conferences and participating in ecumenical discussions.

GRADING SYSTEM The system of grading is A+, A, A-, B+, B, B-, C, D, F/M, F.

STUDENT AWARDS AND FINANCIAL ASSISTANCE A wide range of scholarships, bursaries, and prizes are offered. For information on scholarships write to the registrar.

FINAL EXAMINATIONS See separate entry for Dalhousie University.

GRADUATION Encaenia day — mid-May. Arts and science degrees are conferred by the president of Dalhousie University at the University of King's College convocation. Divinity degrees are conferred by the chancellor of University of King's College.

FEES AND COSTS Tuition fees in arts and science (1972-73) — \$680; part-time, per class \$150. Students' union fees \$40 (compulsory). Incidental fees approximately \$200.

Residence accommodation — room and board (1972-73) — \$950 - \$1,100.

ADMISSION REQUIREMENTS

Undergraduate

See separate entry for Dalhousie University.

Graduate

Admission to graduate courses in theology is conditional upon high standing in a bachelor's degree, or in special cases on other criteria.

COURSES AND DEGREES

ARTS

Bachelor of arts (BA) general. Bachelor of arts (BA) honors. Offered through Dalhousie University (see separate entry).

King's provides an alternative to the general BA first-year program which is identical for general and honors students. It consists of the foundation year course together with one other introductory class.

DIVINITY

School of divinity

Testamur. Three years.

Associate of King's College (Nova Scotia) [AKC(NS)].
Equivalent to two years' postgraduate study after LTh or STh.

Bachelor of theology (BTh). First year university (or equivalent).

Master of divinity (MDiv). Bachelor's degree.

Associate in theology (ATh). On recommendation of board of examiners of general synod of Anglican Church of Canada.

Bachelor of divinity (BD). Three years after BA on recommendation of board of examiners of general synod of Anglican Church of Canada.

Master of sacred theology (MST). Two years after bachelor's degree.

SCIENCE, PURE

Bachelor of science (BSc) general. Bachelor of science (BSc) honors. Offered through Dalhousie University; see separate entry.

EXTENSION PROGRAMS Extension courses are given in the evenings and cover subject material in public relations and journalism. The public relations course is offered annually, and journalism is given every other year. Both of these are full-term courses, but they are not for credit as academic requirements are waived, making the study programs available for citizens in the community as well as for registered students. Courses commence in October of each year.

SPECIAL PROGRAM The University of King's College, in

association with Dalhousie University, offers a special Foundation Year Program. This program is designed for entering first-year students who are interested in pursuing studies in the humanities and social sciences leading to the BA degree, but without disciplinary or subject concentration in the first year of studies. The foundation year is designed as an integrated program of studies focusing attention on the development of institutions and ideas in the Western world which have been crucial for the development of the present-day world views prevailing in western societies. It is intended that students will derive from the course a general but comprehensive picture of the events and movements leading up to the present day, such that they are better able to understand their own heritages and positions. A student can develop in the foundation year program, a choice of greater specialization for subsequent years at university. Successful completion of the program will result in the student attaining four credits towards the degree for which he is enrolled.

RESEARCH INSTITUTE Institute of Pastoral Training. The objective of the institute is to bring pastors and theological students face to face with human misery as it exists both in and out of institutions, through courses in clinical pastoral education in both general and mental hospitals, reformatories and juvenile courts, homes for the aged, alcoholism treatment centres, and other social agencies. Other goals of the institute include the production of teaching materials, the promotion of workshops, and the establishment of a first-class library and reference centre at the institute's office. All inquiries concerning courses offered should be addressed directly to the secretary of the institute, the Reverend Howard Taylor, University of King's College, Halifax.

ASSOCIATED INSTITUTION Atlantic School of Theology. Principal: Father L.J. Robertson, BA, BTh, MEd. A co-educational theological school combining the resources of former Anglican, Roman Catholic, and United Church institutions, which are the participating partners (University of King's College, Holy Heart Theological Institute and Pine Hill Divinity Hall). Founded in 1971, the purpose of the school is to prepare students for ordination in the above denominations as well as to provide opportunities for theological study for other interested persons. Degrees are awarded by the founding partners. Residential accommodation is available.

KING'S COLLEGE*

(Affiliated with The University of Western Ontario)

London, Ontario

Telephone: 519-433-3491

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chairman, board of directors – R. Macaulay, BA(hons). Principal and dean of arts – A.F. McKee, MA, MSc(Ec), DUP.

GENERAL INFORMATION King's College is a co-educational undergraduate college of liberal arts and social sciences sponsored by the Roman Catholic Diocese of London and open to students of all beliefs.

BACKGROUND The present name of the college dates from 1966. The College of Christ the King, an arts college for non-clerical students, was established in 1955 and its graduates received their degrees from The University of Western Ontario through an existing St. Peter's Seminary College of Arts affiliation. In 1966 the affiliation agreement with the university was transferred to King's College.

All faculty appointed to and courses given by the college are approved by the university senate and the degrees conferred on all

students are that of The University of Western Ontario. The principal is an ex-officio member of the senate. The college is under the governance of a board of directors (18), and faculty committees along with the dean of the college supply academic guidance.

PUBLICATIONS The college publishes a calendar as its supplement to the main calendar of The University of Western Ontario.

ACADEMIC YEAR Winter session: mid-September to mid-May.

BUILDINGS AND GROUNDS, STUDENT RESIDENCES AND LIBRARIES King's College is situated on Epworth Avenue at Waterloo Street, (the population of London approximates 208,000), directly opposite the faculty of music of the university, and two blocks from the main entrance to the university. An inter-lecture bus service operates between the college and the main campus. This permits a valuable integration of courses given in various parts of the university.

The principal building houses faculty, student, and administration offices, classrooms, a chapel, a cafeteria, lounges, and the women's residence (100). Three separate buildings provide residence accommodation for 200 men. The college library houses some 30,000 volumes. As members of The University of Western Ontario community, King's students have full privileges at Western's libraries. The theology department of St. Peter's Seminary, located within short walking distance, provides further course and library facilities available with some restrictions to King's College students. Students at King's College also share the services offered

*Ordinary member, AUCC.

students of The University of Western Ontario; athletic facilities, teams clubs, employment services, voluntary military training, and many others.

GRADING SYSTEM Same as that of The University of Western Ontario; see separate entry.

STUDENT AWARDS AND FINANCIAL ASSISTANCE King's College offers a limited number of entrance scholarships (\$150 – \$500). The student should make enquiries upon academic application.

FEES AND COSTS Same as for The University of Western Ontario. Full-time tuition fees per year: \$660.50; part-time (per course): \$130.

Residence rates (room and board) winter session: \$1,050.

ADMISSION REQUIREMENTS Same as for The University of Western Ontario; see separate entry.

For admission to the BSW program, it is necessary to have a minimum overall average of 70% in the first year at university together with an acceptable departmental interview.

COURSES AND DEGREES

ARTS

Bachelor of arts (BA). (a) General program, three years from senior matriculation, in liberal arts and social sciences and a two-year pre-business program. (b) Honors program, four years from senior matriculation, in comparative literature, English and French, English and German, English and history, English and Latin, English and philosophy, English and Russian, English language and literature, French language and literature, French and Latin, history, history and German, history and philosophy, modern languages and literatures, philosophy, philosophy and German, philosophy and mathematics, philosophy and psychology, philosophy and sociology.

SOCIAL WELFARE

Bachelor of social welfare (BSW). Four-year program beyond senior matriculation. This is a first professional degree for persons interested in a career in social work or in the broader field of social welfare.

EXTENSION PROGRAMS Same as for The University of Western Ontario; see separate entry.

SPECIAL PROGRAMS The college from time to time offers special programs supplementary to a large number offered by The University of Western Ontario.

LAKEHEAD UNIVERSITY*

Oliver Road, Thunder Bay P, Ontario

Telephone: 807-345-2121

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — The Hon. Mr. J.B. Laskin, MA, LLB, LLM, LLD, DCL, FRSC. President and vice-chancellor — Andrew Booth, BSc, PhD, DSc. Vice-president — W.D.R. Eldon, BA, AM, PhD.

GENERAL INFORMATION Lakehead University is a co-educational and non-denominational institution. Control is vested in a board of governors and a senate.

BACKGROUND Lakehead University evolved from Lakehead Technical Institute established in 1946 by order-in-council of the province of Ontario. Classes began in 1948 in temporary rented quarters in downtown Port Arthur. In the same year first-year university courses were added to the curriculum. Lakehead College of Arts, Science and Technology was established by an act of the Ontario legislature assented to in 1956, and proclaimed in 1957. The government and control of Lakehead Technical Institute were transferred to the board of governors of the Lakehead College.

The present university site, donated by the city of Port Arthur, was occupied in 1957. Second-year arts courses were added in

1960-61, and in 1962 the original Lakehead College of Arts, Science and Technology Act was amended to give the college "university powers" to establish faculties, etc., and to confer university degrees in arts and science. The first degrees in arts and science were granted on May 6, 1965.

The Lakehead University Act, 1965, was given the royal assent by the lieutenant-governor of Ontario on June 22, 1965, and came into force on July 1, 1965. The Lakehead College of Arts, Science and Technology, thereafter known as Lakehead University, was continued under this new charter.

BOARD OF GOVERNORS Under the terms of the Lakehead University Act, the university is governed by a Board of Governors, which has jurisdiction over business affairs of the university. The board of governors consists of 30 members, including the president, three members named by the lieutenant-governor-in-council, and two members appointed by the board.

SENATE The Senate is responsible for academic policy. Senate consists of the vice-chancellor and president of the university, the academic vice-president, if any, the librarian, and the registrar; deans of all faculties; heads or chairmen of teaching departments; and such other members of teaching staff elected or appointed in such a manner as the senate may determine. The president is chairman of the senate.

PUBLICATIONS Lakehead University calendar. Lakehead University review.

*Ordinary member, AUCC.

ACADEMIC YEAR Winter session: mid-September to early May. Summer session: early July to mid-August.

BUILDINGS AND GROUNDS Lakehead University is situated in the heart of Thunder Bay (population, 108,048). On May 7, 1969, an order-in-council of the province of Ontario amalgamated the cities of Port Arthur and Fort William and the townships of McIntyre and Neebing to form the city of Thunder Bay. Thunder Bay is located in northwestern Ontario at the head of Lake Superior, on the Great Lakes, about 438 miles east of Winnipeg, Manitoba. The original college site comprised some 80 acres of land lying between the cities of Port Arthur and Fort William, and was donated by the city of Port Arthur. In 1962 an additional 105 acres of adjoining land were purchased and in 1965, 110 acres of land were purchased in anticipation of future expansion. The advisory committee conducted a building fund campaign from which the sum of \$175,000 was raised, from local industries and individuals.

The first college building, constructed by the Department of Public Works of the province of Ontario, was formally opened on October 2, 1957. A new library wing was added in March 1960, and in the fall of 1969, two extensions providing additional lecture rooms and laboratory space were opened. A men's residence, including recreational and dining facilities for 52 students and a resident staff member, was opened in September 1962. In 1966, 32 additional double bedrooms were added to the residence. A section of the new structure was made available as a residence for women. A new \$2,750,000 residence village comprising 10 new buildings and providing residence for 480 male students and 106 female students has been completed. The village is situated on the banks of the McIntyre River within easy walking distance of all university buildings and athletic facilities.

On February 15, 1964, the university centre was officially opened. It has a 380-seat theatre-auditorium, as well as lecture and seminar rooms, club rooms, and a cafeteria. Also in 1964, an additional wing was added to the original building and in 1965, a new library building was erected. An additional three floors were added to the new library building in September 1967. In March 1968 an athletic centre gymnasium was constructed on the other side of the McIntyre River opposite the main university buildings. September 1969 saw the official opening of the Centennial building which houses the science and technology laboratories, classrooms, and faculty offices. An administrative wing and an addition to the university centre building which includes a new cafeteria and dining hall were also completed in that year.

A man-made lake is in the centre of the campus; its creation was planned with the regional conservation authorities as an important flood control project for the McIntyre River which runs through the campus. Construction currently under way on the campus includes: a new academic building, which will provide additional faculty offices and much needed classroom space; an addition to the athletic centre will encompass an Olympic-size swimming pool, three squash courts, a general purpose training room, a wrestling room, two classrooms, shower rooms, and additional office space. The academic building and the addition to the athletic centre are slated for completion in September 1972; an addition to the education building will house a library on the second floor, with offices and classrooms below; the power-house complex is being enlarged so as to better supply the needs of a rapidly growing university.

STUDENT RESIDENCES Residence facilities at Lakehead are available to accommodate 186 female students and 400 male students. Single- and double-room accommodation is available in

both residences. Lakehead maintains as a service to its students, an off-campus housing office. Off-campus housing consists of rooms, room and board, apartments and houses located in the community.

LIBRARIES The university library occupies a separate building in the centre of the campus. The stock of the library consists of nearly 200,000 accessioned and catalogued volumes of books and bound periodicals, and at present there are also approximately 2,000 volumes of unbound periodicals. The collection which is supplemented by microfilms and microcards, both of books and of periodical runs, amounts to almost another 30,000 volumes. Over 2,500 journal titles are received currently by subscription and many others regularly and irregularly by donation. About 25,000-30,000 volumes are normally added to the library each year. Special collections include the "seaway collection" consisting of 500 books, pamphlets and reports going back to the earliest engineering surveys; the "local history collection" of documents, journals, papers, and over 300 pictures relating to the history of Northwestern Ontario; a small manuscript collection, etc.

The faculty of education library comprises approximately 16,000 accessioned and catalogued volumes and 300 unbound periodicals, supplemented by microfilms, microcards, filmstrips, slides and some 5,000 mounted prints of pictures. The major part of the library collection is related to various fields of elementary and secondary education.

STUDENT LIFE Lakehead University has a wide variety of extracurricular activities in which a student may wish to participate. Every student automatically, on payment of fee, becomes a member of the Alma Mater Society. Funds from this society help subsidize such publications as the newspaper and the yearbook. The society also subsidizes the winter carnival, folk spectacles, dances and other events, as well as the students' clubs and associations. Students compete for western Canadian championships in many sports such as golf, cross-country, fencing, volleyball, skiing, wrestling, baseball, track and field, swimming, football and many others.

MEDICAL SERVICES The university maintains a health centre on campus with a registered nurse in attendance Monday through Friday. A physician is available for consultation on campus throughout the week. A psychiatrist visits the campus once a week. The university provides a ten-bed infirmary to care for students; it also uses the neighboring hospitals to provide treatment for acute illnesses and serious accidents.

STUDENT COUNSELLING SERVICES Students are free to discuss their educational programs, their choice of careers, and their personal problems with the dean of their faculty, any other officer of the administration, or any members of the teaching staff. The physician and the dean of students are especially qualified to assist students in resolving their personal problems.

UNIVERSITY BOOKSTORE A bookstore, carrying all the prescribed textbooks and other supplies, is operated by the university. Books are sold at close to cost. Lists of prescribed texts are available at the bookstore.

STUDENT EMPLOYMENT The Thunder Bay office of the Canada Manpower Centre, in co-operation with the university authorities, maintains a student placement office on the campus. Since the scope of the Canada Manpower service is nation-wide, employment opportunities are received from employers across

Canada. Many of these employers arrange for on-campus interviews at Lakehead as part of their personnel recruiting program.

STUDENT UNION The Alma Mater Society fee automatically entitles the student to membership in the society. The funds help subsidize student publications, the winter carnival and other student events of the society and also all student clubs and associations. These funds are administered by the society which is composed of elected student representatives.

GRADING SYSTEM First-class: 75% and over; second-class: 66 to 74%; third-class: 60 to 65%; pass: 50 to 59%; lowest passing grade in all programs: 50%. In honors programs an overall average of 60% must be maintained, with a 66% in honors subject or subjects.

STUDENT AWARDS AND FINANCIAL ASSISTANCE The principal awards in the various categories are listed below.

Entrance scholarship – Lakehead University entrance scholarships; C.J. Sanders scholarship. Undergraduate scholarships – Allied Chemical Canada, Ltd. scholarship; J.P. Bickell Foundation scholarship; Great Lakes Paper Company forestry scholarship; Great West Timber scholarship; Dr. Crawford C. McCullough memorial scholarship. Entrance bursaries and awards – Imperial Oil higher education awards; IBM-Thomas J. Watson memorial bursaries; Inco bursary; Lions Club bursary; Joseph Marien memorial bursaries; Marion E. Tomlinson memorial bursary.

Undergraduate bursaries and awards – Atkinson Charitable Foundation bursaries; A.T.A. Trucking Industry Education Foundation Inc. bursaries; IBM-Thomas J. Watson memorial bursaries; International Pipe Line Company bursaries; Ontario Department of Health bursaries for public health nursing; Thunder Bay Medical Association bursary. In addition to the Lakehead University graduate fellowships, a number of other fellowships are available and are listed in the Lakehead University calendar.

FEES AND COSTS Tuition fees per year (1971-72); full-time (a) for first degree – arts, commerce, education, graduate diploma in business administration, nursing, \$515; science, forestry, \$525; applied science, \$570; (b) for master's degree – arts, science, \$485; (c) university schools, \$250; part-time (per subject on pro rata basis), \$115 and up. Miscellaneous fees; Alma Mater Society and athletic fee \$50.

Residence rates, board and room, per university year: men, single room, \$1,035, double room, \$985; women, single room, \$1,035, double room \$985.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Diploma programs – admission to diploma programs is based upon successful completion of an Ontario grade 12 program (or equivalent) which would allow the student to proceed to a full Ontario grade 13 program. The overall average must be at least 60%. Certain diploma programs will also continue to require specific subjects at the grades 11 and 12 levels for admission. Applicants with high standing in level 4, grade 12 programs will be considered on an individual basis. All other applicants to diploma

programs will also be considered on an individual basis. Equivalent certificates are required for other provinces. As well, principal's recommendation and school record are required.

Degree programs – the standard for admission to a degree program is the successful completion of any Ontario grade 13 program (or equivalent) embracing at least three distinct subject areas, acceptable to the university as satisfying the entrance standards. The overall average must be at least 60%. In addition to obtaining this general level of academic maturity, the candidates will be required to include in their matriculation programs, subjects that interlock directly with their planned university majors. These specific requirements are noted opposite the programs. Ontario candidates are also recommended to submit the results of SACU/OACU aptitude and achievement tests available to them in their senior year. Principal's recommendation and school record are required. SACU scores are recommended.

Both programs – overall average must be at least 60%. An applicant who lacks a specific required subject may be considered for admission if the level of achievement in associated subjects is better than average. Each case in this category is considered on an individual basis.

2. Specific requirements. Diploma programs. Business administration, computer systems – grades 11 and 12 mathematics. Engineering technology with specialization in chemical, civil, electronic or mechanical engineering technology – grades 11 and 12 mathematics and science and full grade 12. Applicants with Ontario secondary school honor graduation diploma (or its equivalent) will be admitted to the second year of the technology program if they have achieved an overall average of 60% in five subjects with a minimum of 60% in mathematics A (or equivalent). The five subjects should include physics, chemistry and mathematics. An overall average of 70% in grade 13 will enable students to be admitted without special course requirements. Environmental forest technology (certificate) – successful completion of a two-year post-secondary school program in forest technology with grade 13 chemistry or equivalent. Timber harvesting technology (certificate) – successful completion of a two-year post-secondary school program in forest technology or equivalent as determined by the admissions committee. Library technology – no specific requisites.

Specific requirements. Degree programs. Arts – successful completion of any Ontario grade 13 program embracing at least three distinct subject areas; grade 13 English must be included in the program. Education – admission into the four-year professional degree programs in the faculty of education will be the same as admission into any other degree program at the university, i.e., the same as arts or science – the BA-BEd, BSc-BEd or one-year BEd degrees are available. Commerce – mathematics, English (applicants without mathematics will be considered but may be required to take a non-credit mathematics course in first year). Applied science – mathematics (A and B or equivalent), chemistry, physics. Forestry – mathematics (relations and functions, calculus), chemistry. Nursing – chemistry and biology; English is recommended (chemistry must have been taken within the past five years). Physical and health education – English, chemistry (candidates with an acceptable university entrance program but not including chemistry will be considered on an individual basis. Candidates admitted without grade 13 chemistry will be required to take chemistry 103, as one of their first-year options). Science – completion of any Ontario grade 13 program embracing at least three distinct subject areas preferably in the sciences. Bachelor of

engineering degree – applicants must have a diploma in technology from a college of applied arts and technology, Ryerson Polytechnical Institute, Lakehead University or its equivalent. Preference will be given to applicants with experience in industry.

Foreign students

Commonwealth countries – GCE, or equivalent, with passes in five subjects with two at A level, or passes in four subjects with three at A level. USA – first-year university credits, minimum 30 semester hours, from an accredited institution. An applicant whose mother tongue is not English must submit evidence of facility in English. Applicants submitting the international baccalaureate will be considered for admission.

Mature students

Faculty of arts and university school programs – applicants who are at least 23 years of age in the calendar year of entry, who are residents of Canada, and who have not attended post-secondary institutions for two years prior to their admission, will be considered as adult students. Applicants considering programs in the faculty of science or school of engineering on this basis should discuss with the admissions officer necessary preparatory work. Mathematics to the admissions level and preferably some sciences are required.

Graduate

For admission to graduate study a student must have attained a first degree with at least second-class standing in appropriate subjects.

Date for receipt of applications

Canadian students – August 15th; foreign students – June 29th.

COURSES AND DEGREES

ARTS

Faculty of arts

Bachelor of arts (BA). (a) General course, three years from honor high school graduation (or senior matriculation). Major subjects: anthropology, economics, English, French, geography, German, history, Italian, Latin, mathematics, philosophy, political science, psychology, Russian, sociology, and Spanish. (b) Honors course, four years from honor high school graduation (or senior matriculation). Available in anthropology, economics, English, English and French, French, geography, history, mathematics, philosophy, political science, psychology, sociology, and Spanish.

Master of arts (MA). A minimum of one year from an honors bachelor's degree. Available in economics, English, history, mathematics, and psychology.

EDUCATION

Interim elementary school teacher's certificate standard 2. Two years.

Degree program for elementary school and secondary school teachers (BABEd, BScBEEd). Four years.

Degree program for holder of approved degrees. One year.

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). (a) General course, three years from honor high school graduation (or senior matriculation). Major subjects: biology, general sciences, geology, mathematics, natural sciences, and physics. (b) Honors course, four years from honor high school graduation (or senior matriculation). Available in biology, chemistry, geology, mathematics, mathematical physics, and physics.

Master of science (MSc). A minimum of one year from an honors bachelor's degree. Available in chemistry, mathematics, and physics.

UNIVERSITY SCHOOLS

BUSINESS ADMINISTRATION

School of business administration

Bachelor of commerce (BCom). Four years from honor high school graduation (or senior matriculation).

Diploma in business administration (DipBusAdmin). Three years.

Diploma in business administration (computer systems option). Three years.

Graduate diploma in business administration. One year after first degree.

ENGINEERING

School of engineering

Bachelor of applied science (BASc). Four years from honor high school graduation (or senior matriculation).

Bachelor of engineering (BEng). Two years after three-year diploma in engineering technology.

Diploma in engineering technology (DipEngTechnol). Three years: chemical engineering technology, civil engineering technology, electronic engineering technology, mechanical engineering technology.

FORESTRY

School of forestry

Bachelor of science in forestry (BScF). Four years from honor high school graduation (or senior matriculation).

Diploma in forest technology (DipForTechnol). Two years.

Certificate in environmental forest technology. One year after forest diploma.

Certificate in logging technology. One year after forest diploma.

LIBRARY TECHNOLOGY

School of library technology

Diploma in library technology (DipLibTechnol). Two years.

NURSING

School of nursing

Bachelor of science in nursing (BScN). Three years (post-basic); 4 years (basic).

PHYSICAL AND HEALTH EDUCATION

School of physical and health education

Bachelor of physical and health education (BPHE). Four years from honor high school graduation (or senior matriculation). First three years presently offered.

EXTENSION PROGRAMS

For university credit

Off-campus courses — undergraduate courses in arts for students proceeding to a degree and for teachers who may wish to improve their professional qualifications. Courses are presently being offered at Atikokan, Dryden, Fort Frances, Geraldton, Kenora, Manitouage, Marathon, Nipigon/Red Rock, Red Lake, Sioux Lookout, and Terrace Bay. Evening session — undergraduate courses in arts and science for undergraduates proceeding to a degree and for teachers who may wish to improve their professional qualifications by working towards degrees and diplomas in education. Also, a limited number of courses in physical education.

For no university credit

Adult education services — systematic courses in the humanities and other areas of proper concern to a university on a non-credit basis. Special short courses — professional refresher or maintenance courses.

SPECIAL PROGRAMS Canadian studies; environmental planning; graduate diploma in economic development; humanistic studies; industrial relations; international studies; liberal science; Taiga studies; theatre arts.

LAURENTIAN UNIVERSITY OF SUDBURY*

Le texte français se trouve à la suite/French version follows

Ramsey Lake Road, Sudbury, Ontario

Telephone: 705-675-1151

Cable: Laurentian University, Sudbury, Ontario

Telex: 027-7569

Direct general correspondence to the registrar

PRINCIPAL OFFICERS President — E.J. Monahan, MA, LMS, PhD. Vice-president (administration) — F.J. Turner (pro tem), BCom, MA. Vice-president (academic) and vice-president (student affairs) — H. Albert (pro tem), BA, BPh, LPh, DPh.

GENERAL INFORMATION Laurentian is a non-denominational, bilingual and co-educational institution.

BACKGROUND Laurentian University was established by an act of the Ontario legislature in 1960. Teaching began in 1960 and the first degrees were conferred in 1961. The provincial act provided for the federation of denominational universities or colleges with Laurentian University. In 1960, the University of Sudbury (Roman Catholic), founded in 1913, and Huntington University (United

Church), incorporated in 1960, federated with Laurentian. Thorneloe University (Anglican) joined the federation in 1963.

By the acts of federation, the degree-granting powers of the federated universities are held in abeyance except in theology. Under the federating agreements each of these Church-related universities provides a college in the faculty of arts and science of Laurentian University. At present, the federated colleges limit their instruction to philosophy and religious studies; philosophy is also offered within the joint university department of philosophy. All students receive their degrees from Laurentian University.

BOARD OF GOVERNORS The board of governors consists of 24 voting members (6 appointed by the government of Ontario, 6 by the University of Sudbury, 6 by the United Church of Canada, and 6 by the synod of the Anglican diocese of Algoma) and 9 non-voting members (2 appointed by faculty, 2 by senate, 2 by the students' general association, 1 by the extension students' general association, 1 by the administrative staff association and 1 by the clerical association). The board of governors has all powers over, in respect of or in relation to the government, financial management and control of the university and of its officers, employees and agents, its property, revenues, expenditures, business and affairs.

SENATE Senate, consisting of 34 voting and 16 non-voting members, is composed of university representatives of the faculty, the federated and affiliated colleges and University College, 6 students (5 elected from the students' general association, 1 elected or appointed by the extension students' general association). The senate is responsible for the educational policy of the university, and, with the approval of the board insofar as the expenditure of funds

*Ordinary member, AUCC.

and establishment of facilities are concerned, may create faculties, schools, institutes, departments, chairs or courses of instruction within the university.

INCOME (1970-71) Operating funds derive from Ontario government (65.9%), fees (15.6%), debenture interest grants (10.8%), gifts and grants (3%), miscellaneous (4%), other (.7%). Provincial assistance (1970-71) — operating \$5,648,000; capital \$3,350,000. Total operating revenue \$8,563,000.

PUBLICATIONS Calendar, extension summer session calendar, admissions brochure, counsellors' handbook, folders on the professional schools, bi-monthly newsletter; available from the publications officer. Student newspapers: Lambda, room L222; Réaction, room L221.

ACADEMIC YEAR Winter session: mid-September to early May. Summer session: a six-week day session from early July to mid-August and a twelve-week evening session from mid-May to mid-August.

BUILDINGS AND GROUNDS The university is located within the limits of the city of Sudbury (population 90,000; district, 167,000), on a 700-acre campus, only a ten-minute drive from downtown Sudbury. The land rises in an arc of hills overlooking three lakes. The first two phases of Laurentian University's master plan have been completed. They include the H.J. Fraser science building with classrooms, laboratories, offices, shops, three auditoria which can be combined to form one large auditorium, a planetarium and an astrodome; a classroom building with amphitheatre; the arts and humanities building housing faculty offices, seminar rooms and four language laboratories; the dining assembly building; and finally the administration and library tower or Ralph D. Parker building containing the library (200,000 volumes), the university's administrative offices as well as the student council offices and common rooms. All these buildings are connected and allow passage under cover from end to end of the whole complex. The colleges also maintain libraries and reading rooms. To the east and southeast of the main campus are the residences of University, Huntington, Thorneloe, and Sudbury Colleges, with total accommodation for 650 men and women. Apartment-style accommodation for 396 single students and 129 married students is scheduled for completion in 1973. A short distance from the administration and library tower is a complex of sports facilities including the Benjamin F. Avery physical education centre with a 50-metre swimming pool, football and soccer fields, an olympic-designed track, and tennis courts. Student services include: a health service, a placement office, counselling services, a student awards officer, a student affairs co-ordinator who also advises foreign students and maintains a list of off-campus housing.

STUDENT RESIDENCES University, Huntington, Thorneloe, and Sudbury Colleges have residence accommodation for 650 men and women. Apartment-style accommodation for 396 single students and 129 married students is scheduled for completion in 1973.

LIBRARIES The Ralph D. Parker building contains the library (200,000 volumes). The colleges also maintain libraries and reading rooms.

STUDENT LIFE Students are represented on the board of governors, the executive and other committees of the board, the senate and university standing committees. The Students' General Association through its cultural and social committees, provides a calendar of events, and sponsors such activities as drama,

publications, political clubs, faculty organizations and service clubs. Sports facilities, including the Benjamin F. Avery physical education centre with a 50-metre swimming pool, football and soccer fields, quarter-mile track, tennis courts, and a ski hill with a tow, are available through the division of physical and health education for intercollegiate and intramural programs, recreational clubs, and elective instructional classes.

MEDICAL SERVICES Service is broad in scope, encompassing preventive medicine, psychological disturbances, health education, and medical care, under the direction of a physician. Fee of \$6.75 is included in composite compulsory fees for students.

STUDENT COUNSELLING SERVICES Counselling services include pre-university, personal, academic and vocational.

UNIVERSITY BOOKSTORE Textbooks and other items are offered for sale at reasonable prices.

STUDENT EMPLOYMENT The Department of Manpower and Immigration, in co-operation with the university, maintains a full-time student placement office on the campus on a year-round basis. The purpose is to assist graduates and undergraduates to obtain permanent, summer or part-time employment, and to assist employers wishing to recruit at Laurentian.

STUDENT GOVERNMENT The Students' General Association through its council and committees represents the students and is responsible for a large section of student functions. Fees of \$37 are included in composite compulsory fees. The individual colleges and professional schools also have student councils, and the residences have residence councils. Students are also represented on the university board of governors, senate, standing committees, and departmental committees.

GRADING SYSTEM The grading scale for all courses is as follows: A — (75-100%); B — (66-74%); C — (60-65%)*. D — (50-59%)**; F — (0-49%), failure; I — incomplete; W — withdrawal with permission.

*Represents a failure for the first language in the school of translators and interpreters and for the overall average of professional courses in the school of physical and health education.

**Constitutes a failure for professional subjects in the school of nursing and the school of social work; and for the second and third languages in the school of translators and interpreters. Unless an incomplete course is completed within a month of the examination the course will be graded "F". However, the dean of the faculty or the director of the school concerned may grant an extension of the prescribed period.

Distinction at graduation — students who graduate with an overall average of at least 75% will, at the discretion of the senate, be granted their degrees with high distinction and those with 66 — 74.9%, with distinction. Only courses taken at Laurentian University will be taken into consideration in computing the average.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Students are given consideration for a number of entrance and in-course awards, which are awarded on academic merit. The university is a participant in the Ontario student awards program.

FINAL EXAMINATIONS The method of determining final marks is left to the individual instructor, after consultation with his class, subject to the approval of the department or school concerned. Where there is a final examination in a course, a supplemental must

also be offered unless the final examination is being taken by a student merely to upgrade term marks. A supplemental is to have the same weight in determining the final mark as the final examination had. Appeals with respect to course grades must be lodged within six months of the official publication of grades for the courses in question.

GRADUATION Degrees are conferred by the president at convocations held at the end of May and the end of October.

FEES AND COSTS Tuition fees per year – full-time: (a) undergraduate tuition, \$590; miscellaneous compulsory fees, \$73; total \$663; (b) graduate tuition: 1st and 2nd years – 1st term, \$303.50 (including miscellaneous fees of \$11); 2nd and 3rd terms each, \$292.50. Subsequent years, per term: \$70 if on campus; \$35 if off campus. Part-time graduate students, \$90 per term course.

Residence fees for academic year – single room on a seven-day basis, \$600. Double room on a seven-day basis, \$550. Board for a five-day week (Saturday and Sunday excluded), lunch and dinner, \$300 for 26 weeks.

Extension fees – in Sudbury, each full course, \$130 tuition and \$8 compulsory fees; for off-campus studies, each full course, \$135 tuition and \$7 compulsory fees.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Certificates equivalent to Ontario honor graduation diploma (grade 13) with five courses or six credits, minimum overall average of 60%. Note: Ontario students who complete a three-year program at CAAT's with at least 66% overall average are admissible with possible advanced standing; Quebec students from pre-university (65% average) or professional programs at a CEGEP (75% average) are admissible with possible advanced standing.

2. Tests for admission. SACU test scores required.

3. Specific requirements. Arts – English or français (at least one credit). Science – mathematics "A" or equivalent (two credits); chemistry; two of physics, biology or mathematics "B" or equivalent (one credit each). Commerce – English or français (one or two credits); mathematics "A" or equivalent (two credits). Commerce (in sports administration) – English or français (one or two credits). BCom (sports administration) – mathematics "A" or equivalent (two credits). Engineering – mathematics "A" or equivalent (two credits); mathematics "B" or equivalent (one credit); chemistry; physics. Nursing – English or français (one or two credits); chemistry; biology. Physical and health education – English or français (one or two credits). Social work – English or français (one or two credits). Science in language – English (two credits, at least 66% average); French or français (two credits – at least 66% average).

Foreign students

Certificates evaluated for equivalence to normal requirements. Notarized English or French translations of certificates not in English or French are required. Applicants without English or French as a first language where applicable must pass the test of English as a foreign language. USA – first-year standing at

an accredited college or university, minimum 30 semester hours in appropriate subjects. Applicants with a high standing in secondary schools, e.g., in advanced placement program, apply to office of admissions for specific consideration. UK, West Indies, East and West Africa, Hong Kong – GCE for University of Hong Kong matriculation certificate with either four subjects (at least three A-level) or five subjects (at least two A-level). Scottish leaving certificate accepted. Other school or high school certificates may be acceptable. Applicants submitting the international baccalaureate will be considered for admission.

Mature students

Candidates of mature age (21 years or older on October 1 of current year) who cannot meet the normal requirements may be admissible. For details write the mature applicant counsellor.

Graduate

Students seeking admission to a graduate program must hold an honors bachelor's degree or its equivalent with at least second-class standing (B) in any appropriate area of study.

Date for receipt of applications

Canadian students – applications for admission should be received by August 18 of the year in which admission is sought. Foreign students should apply before June 30.

COURSES AND DEGREES

Note: the university uses both French and English as languages of instruction. In all cases the number of years given is beyond senior matriculation.

ARTS

Faculty of arts and science

Bachelor of arts (BA). (a) General program, normally three years. Concentrations are offered in Amerindian-Eskimo studies, anthropology, Canadian studies, economics, English, français, French, geography, German, history, Italian, Latin, Latin-American studies, mathematics, philosophy, political science, psychology, religious studies, Russian, sociology, and Spanish. Combined concentrations may be approved at the discretion of the dean. (b) Honors program, normally four years, commencing in the second year. The student is cautioned that some of the honors programs require the completion of specific courses in the first year. At the discretion of the dean, and with the approval of the department(s) concerned, specializations are offered in courses such as: economics, English, English and French, English and history, English and philosophy, geography, history, history and philosophy, français, French, French and history, French and philosophy, mathematics, philosophy, psychology, political science, political science and economics, political science and français, political science and philosophy, sociology.

School of graduate studies

Master of arts (MA). English, mathematics. Minimum one year full time from BA honors.

SCIENCE

Faculty of arts and science

Bachelor of science (BSc). (a) General program, normally three years. Concentrations are offered in: biology, chemistry, geology, mathematics, and physics. (b) Honors program, normally four years. The first year is the same as the general degree: but students are cautioned that some of the honors programs require the completion of specific courses in the first year. Specializations are offered in: biology, chemistry, geology, mathematics, and physics.

School of graduate studies

Master of science (MSc). Programs leading to a master's degree require a minimum of one academic year beyond the honors degree. Programs are offered in: biology, chemistry, geology, mathematics, and physics.

PROFESSIONAL SCHOOLS

Each of the professional schools of Laurentian University offers a program requiring four years. Professional courses are taught by the schools and non-professional courses by the faculty of arts and science. The following programs are offered:

COMMERCE

Bachelor of commerce (BCom). Four years from senior matriculation; school of commerce and business administration.

Bachelor of commerce in sports administration [BCom(Sports administration)]. Four years from senior matriculation, offered jointly by school of commerce and administration, and school of physical and health education.

A diploma in business administration is awarded at the successful completion of a one-year program open to those who have obtained an undergraduate degree in a discipline other than commerce or business administration.

ENGINEERING

The school of engineering offers a general first-year and a second-year specializing in chemical, civil, metallurgical, mining, or mechanical engineering.

LANGUAGE

Bachelor of science in language (BSL). Four years from senior matriculation; school of translators and interpreters.

NURSING

Bachelor of science in nursing (BScN). Four years from senior matriculation; school of nursing.

PHYSICAL AND HEALTH EDUCATION

Bachelor of physical and health education (BPHE). Four years from senior matriculation; school of physical and health education.

SOCIAL WORK

Bachelor of social work (BSW). Four years from senior matriculation; school of social work.

EXTENSION PROGRAMS The extension division directs a summer session on the Sudbury campus and in other northern Ontario centres, and offers part-time winter session courses in Sudbury, Blind River, Chapleau, Elliot Lake, Espanola, Kirkland Lake, Manitoulin Island, New Liskeard, Noelville, Parry Sound, Sturgeon Falls, Iron Bridge, Englehart, Onaping, Timmins, and Chelmsford. Summer session courses are offered in some of these areas. Preliminary year: pre-university courses are offered only through the extension division. Students may proceed in this manner to obtain grade 13 credits or raise grade 13 averages.

For university credit

Full BA program offered. Evening session — undergraduate courses in arts, certain courses in science and professional schools. Summer session — undergraduate courses in arts and certain science and professional school subjects for undergraduates proceeding to a degree and for teachers who may wish to improve their professional status.

For no university credit

Popular courses of cultural benefit and of interest to the community are offered.

SPECIAL PROGRAMS Special programs can be arranged to prepare students for entrance to professional faculties elsewhere. The following interdisciplinary programs are offered: Amerindian-Eskimo studies (BA); Canadian studies (BA); bachelor of commerce in sports administration. Under certain specified conditions, degrees may be awarded with a bilingual qualification.

RESEARCH INSTITUTES The Cardio-Thoracic Research Institute was established as a cardio-thoracic or cardiovascular unit to provide facilities for study and therapy of clinical disorders of the circulatory and pulmonary systems. The cardiac research laboratory

ries attached to the Sudbury cardiac surgical team are located in Laurentian's department of biology.

The Institute for Fine Particle Research, an interdisciplinary institute, offers short intensive postgraduate courses in fine particle science and has research facilities for studies of light scattering phenomena, sedimentation dynamics, and fine particle physics. Director: Dr. B.H. Kaye.

The Institute of Astronomy has a Spitz model, A-3-P planetarium, a 6" Maksutov telescope, and a 22" Newtonian telescope for visual, photographic, and photoelectric observations; and an 8" photographic telescope.

CONSTITUENT COLLEGE University College, Ramsey Lake Road, Sudbury, Ont. Acting principal, dean of students and registrar: J.M. Porter, MEd. Co-educational. Non-denominational. Bilingual. Founded 1960. Constituent college within the university faculty of arts and science. Offers courses at the undergraduate level, beyond senior matriculation. Has residential accommodation.

FEDERATED UNIVERSITIES (Credits are transferable to Laurentian University of Sudbury).

Huntington University, Sudbury, Ontario. President: L.J. Winkel, BA, LTh, STM, ThD. Co-educational. United Church. Established and federated with Laurentian University of Sudbury 1960. Offers undergraduate courses in religious studies. Residence.

Université de Sudbury/University of Sudbury, Sudbury, Ontario. President: Laurent Larouche, s.j., BA, LPh, BSc, MSc, LTh, Dr rerat. Co-educational and bilingual. Roman Catholic (Jesuits). Established in 1913. Federated with Laurentian University of Sudbury on September 10, 1960. Offers courses in philosophy and religious studies. Residential accommodation.

Thorneloe University, Sudbury, Ontario. President, vice-chancellor: F.A. Peake, MA, DD. Co-educational. Anglican. Established 1961. Offers undergraduate courses in religious studies. Residence, men only.

AFFILIATED COLLEGES (Degrees are awarded by Laurentian University of Sudbury).

Algoma College, Sault Ste-Marie, Ontario. Principal: I.W. Brown, PhD. Affiliated with Laurentian University of Sudbury on December 17, 1965. First-year students enrolled in September 1967. The college offers full-time 1st-year science, commerce and social work, and three-year general arts, leading to BA of Laurentian University.

Nipissing College, North Bay, Ontario. Principal: G. Zytaruk, PhD. Established in 1967 and affiliated with Laurentian University of Sudbury. The college offers first-year level courses in commerce and social work, 1st- and 2nd-year arts, and 3rd-year level courses through an extension program, leading to BA of Laurentian University.

Collège de Hearst, Hearst, Ontario. Principal: M.M. Saulnier. Affiliated with the University of Sudbury in 1957. Resident and non-resident school. The college which is designed for francophones students offers a 3-year course of studies leading to the BA degree. Non-denominational.

UNIVERSITÉ LAURENTIENNE DE SUDBURY*

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Prière d'adresser la correspondance d'ordre général au secrétaire général

DIRECTION Recteur — E.J. Monahan, MA, LMS, PhD. Vice-recteur des affaires administratives — F.J. Turner (pro tem), BCom, MA. Vice-recteur (enseignement) et vice-recteur des affaires étudiantes — H. Albert (pro tem), BA, BPh, LPh, DPh.

RENSEIGNEMENTS GÉNÉRAUX L'Université Laurentienne de Sudbury est une institution non confessionnelle, bilingue et mixte.

HISTORIQUE L'Université Laurentienne de Sudbury a été établie par acte de l'assemblée législative de l'Ontario en 1960, à titre d'institution non confessionnelle, bilingue et mixte. Elle a commencé son enseignement en 1960 et a conféré ses premiers grades en 1961.

La loi provinciale prévoit la fédération d'universités ou collèges confessionnels avec l'Université Laurentienne de Sudbury. En 1960, l'Université de Sudbury (catholique), fondée en 1913, et l'Université Huntington (Église Unie), ayant obtenu son incorporation en 1960, se sont fédérées à l'Université Laurentienne de Sudbury. L'Université Thorneloe (anglicane) s'est jointe à la fédération en 1963.

Les accords de fédération autorisent chacune de ces universités confessionnelles à maintenir un collège à l'intérieur de la faculté des arts et des sciences de l'Université Laurentienne de Sudbury. Actuellement, les collèges fédérés limitent leur enseignement à la philosophie et aux sciences religieuses. La philosophie est également enseignée dans le cadre du département conjoint de philosophie. Tous les étudiants obtiennent leurs grades de l'Université Laurentienne de Sudbury.

CONSEIL DES GOUVERNEURS Le conseil des gouverneurs est composé de 24 membres à voix active (6 nommés par le gouvernement de l'Ontario, 6 par l'Université de Sudbury, 6 par l'Église Unie du Canada, et 6 par le synode du diocèse anglican d'Algoma) et de 9 membres sans voix active (2 nommés par les professeurs, 2 par le sénat, 2 par l'Association générale des étudiants, 1 par l'Association générale des étudiants de l'éducation permanente, 1 par l'Association du personnel administratif, et 1 par l'Association du personnel de bureau). Le conseil des gouverneurs possède autorité absolue en ce qui a trait au gouvernement, à l'administration financière et au contrôle de l'université, aux administrateurs, employés et agents, aux propriétés, revenus, dépenses et aux affaires générales de l'université.

SÉNAT Le sénat se compose de 34 membres à voix active, de 16 sans voix active, représentant les professeurs, les collèges fédérés, les collèges affiliés, et le Collège universitaire; font également partie du sénat 6 étudiants (5 élus par l'Association générale des étudiants, 1

*Membre ordinaire de l'A.U.C.C.

élu ou nommé par l'Association générale des étudiants de l'extension). Le sénat est responsable de l'aspect pédagogique de l'université, et il peut instituer des facultés, des Écoles, des instituts, des départements, des chaires ou des cours à l'université, après avoir reçu l'approbation du conseil quant aux dépenses engagées et aux installations requises.

REVENUS (1970-71) Les budgets des opérations proviennent du gouvernement de l'Ontario (65.9%), des droits (15.6%), des subventions spéciales pour les obligations (10.8%), des dons et des subventions (3%), de sources diverses (4%), autres (.7%). Aide provinciale 1970-71 — opérations: \$5,648,000; investissements capitaux: \$3,350,000; revenus pour opérations: \$8,563,000.

PUBLICATIONS On trouvera chez le responsable des publications, l'annuaire, l'annuaire des cours d'été à l'extension, le dépliant sur les admissions, le guide des conseillers en orientation, les dépliant des Écoles professionnelles, le bulletin bi-mensuel. Journal étudiant: Réaction, salle L221; Lambda, L222.

ANNÉE UNIVERSITAIRE Session d'automne: de la mi-septembre au début de mai. Session d'été: une session de jour durant six semaines, du début de juillet à la mi-août, et une session de douze semaines durant la soirée, de la mi-mai à la mi-août.

BÂTIMENTS ET TERRAINS L'université est située dans les limites de la ville de Sudbury (qui a à peu près une population de 90,000 et dont le district a environ 167,000) sur un terrain de 700 acres, à dix minutes de voiture de la ville. Le terrain va s'élevant vers le sud jusqu'à une crête rocheuse formant croissant et donnant sur trois lacs.

Les travaux des deux premières phases de la construction de l'Université Laurentienne de Sudbury sont terminés. Il comprennent l'édifice des sciences H.J. Fraser, avec salles de cours, laboratoires, bureaux, boutiques, trois auditoriums que l'on peut transformer en une seule grande salle, un planétarium et un observatoire; un édifice des classes avec amphithéâtre; l'édifice des arts et des humanités qui loge des bureaux de professeurs, des salles de séminaires et deux laboratoires de langue; l'édifice de réception et de restauration; enfin l'édifice Ralph D. Parker, ou Tour de l'administration et de la bibliothèque qui abrite la bibliothèque (200,000 volumes), les bureaux administratifs de l'université, les bureaux du conseil des étudiants et les salles communes. Tous ces édifices communiquent entre eux et l'accès de l'un à l'autre est possible sans sortir à l'extérieur. Les bibliothèques des collèges mettent aussi à la disposition des étudiants et des professeurs des volumes qui traitent des matières qu'enseignent leurs départements de sciences religieuses et de philosophie. On y trouve aussi des volumes de consultation générale et des périodiques choisis.

A l'est et au sud-est de ces édifices se situent les maisons d'étudiants de Huntington, de Thorneloe et du Collège de l'Université de Sudbury, pouvant accueillir un total de 650 étudiants. La construction de nouvelles résidences sous forme d'appartements pour étudiants mariés et célibataires progresse rapidement.

A quelque distance de l'immeuble de la bibliothèque se trouvent les installations sportives comprenant le centre d'éducation physique Benjamin F. Avery avec une piscine de cinquante mètres, les terrains de football et de soccer, une piste de course répondant aux exigences olympiques et des courts de tennis.

Les services pour étudiants comprennent un service de santé, de placement, d'orientation et des étudiants étrangers.

RÉSIDENCES D'ÉTUDIANTS Les maisons d'étudiants de Huntington, de Thorneloe et du Collège de l'Université de Sudbury peuvent accueillir un total de 650 étudiants. La construction de nouvelles résidences sous forme d'appartements pour étudiants mariés et célibataires progresse rapidement.

BIBLIOTHÈQUES La bibliothèque contient 200,000 volumes. Les bibliothèques des collèges mettent aussi à la disposition des étudiants et des professeurs des volumes qui traitent des matières qu'enseignent leurs départements de sciences religieuses et de philosophie. On y trouve aussi des volumes de consultation générale et des périodiques choisis.

VIE ÉTUDIANTE Les étudiants ont leurs représentants au conseil des gouverneurs, à l'administration et aux autres comités du conseil, au sénat, et aux comités permanents de l'université. L'Association générale des étudiants, par l'entremise de ses comités des affaires culturelles et sociales, publie un annuaire des événements et commandite des activités telles que le théâtre, les publications, les clubs politiques, les organisations de professeurs, les clubs sociaux et des activités sportives. A l'intérieur de la Cité universitaire on trouve tout le nécessaire pour la participation aux sports par équipes, les jeux de loisir et l'enseignement.

SERVICES MÉDICAUX Les services comprennent la médecine préventive, les problèmes psychologiques, l'hygiène et les soins médicaux dispensés par un médecin. Les frais de \$6.75 sont compris dans les frais accessoires.

SERVICES DE CONSULTATION Les services de consultation comprennent l'aspect universitaire, personnel, les carrières et l'orientation pré-universitaire.

LIBRAIRIE On y trouve des livres et d'autres articles à des prix raisonnables.

EMPLOI DES ÉTUDIANTS Le ministère de la Main-d'oeuvre et de l'Immigration, en collaboration avec l'université, possède un bureau permanent de placement à la disposition des étudiants. Le but de ce bureau est d'aider les gradués et autres étudiants à se trouver un emploi régulier, d'été, ou à temps partiel, et de faciliter le recrutement à l'université par les employeurs.

ORGANISATIONS ÉTUDIANTES L'Association générale des étudiants par son conseil et ses comités, représente les étudiants et assume la responsabilité d'une grande partie des activités étudiantes. Les frais de \$37 sont compris dans les frais accessoires. Les différents collèges et Écoles professionnelles ont aussi leurs associations d'étudiants, responsables de la vie récréative des étudiants inscrits dans leurs organisations. Les activités des étudiants dans les résidences sont organisées par les conseils de résidences. Les étudiants sont également représentés au sénat de l'université, au conseil des gouverneurs et dans les comités permanents de l'université et les comités départementaux.

SYSTÈME DE MENTIONS L'éventail des cotes pour chaque cours (programme général et programme de spécialisation) est: A — (75-100%); B — (66-74%); C — (60-65%)*; D — (50-59%)**; F — (0-49%) (échec); I — incomplet; W — abandon avec permission. *Constitue un échec pour la première langue à l'École de traducteurs et d'interprètes et pour la moyenne générale des cours professionnels à l'École d'éducation physique et d'hygiène. **Constitue un échec dans les sujets professionnels de l'École des infirmières, de l'École de service social, des deuxième et troisième langues à l'École de traducteurs et d'interprètes. Un cours incomplet doit être parachevé durant le mois qui suit l'examen à défaut de quoi le cours portera la

cote "F" au dossier. Le doyen de la faculté ou le directeur de l'École professionnelle en question peut toutefois accorder un sursis.

Mentions d'honneur à la collation des grades — l'étudiant qui finit ses études avec une moyenne générale de 75 p. 100 ou plus dans toutes les matières étudiées à l'Université Laurentienne se voit décerner, à la discrétion du sénat de l'université, un baccalauréat "avec grande distinction"; si sa moyenne se situe entre 66 et 74,9 p. 100 l'université lui décerne un baccalauréat "avec distinction". Seulement les cours suivis à l'Université Laurentienne seront considérés pour établir la moyenne.

AIDE FINANCIÈRE ET BOURSES OFFERTES AUX ÉTUDIANTS L'université accorde son attention au mérite scolaire de tous les étudiants par l'attribution d'un certain nombre de bourses d'entrée et de bourses pour les étudiants inscrits dans un programme. L'université participe au programme d'Aide financière aux étudiants de l'Ontario.

EXAMENS FINALS La manière de calculer la note finale est laissée au professeur, après consultation des étudiants et sous réserve de l'approbation du département ou de l'École concerné. S'il y a un examen final, le cours doit prévoir un examen de reprise, à moins que l'étudiant ne subisse l'examen final que dans le but d'augmenter sa note semestrielle. L'examen de reprise aura la même valeur que l'examen final. Les appels touchant les notes des cours devront être déposés dans les six mois qui suivent la publication officielle des notes du cours en question.

COLLATION DES GRADES Les grades sont conférés par le recteur lors des collations de mai et d'octobre.

DROITS D'INSCRIPTION Frais de scolarité annuels — étudiants à plein temps: (a) niveau pré-grade, \$590; frais divers obligatoires, \$73; total: \$663. (b) niveau post-grade: frais de scolarité, 1^{ère} et 2^{ième} années — 1^{er} semestre: \$303.50 (comprenant les frais divers de \$11); 2^{ième} et 3^{ième} semestres: \$292.50 chacun. Années subséquentes, par semestre: (étudiant résident) — \$70; (non résident) — \$35. Études supérieures à temps partiel: \$90 chaque cours, par semestre.

Étudiants de l'extension à Sudbury — frais de scolarité, le cours complet, \$130; droits obligatoires, \$8. Étudiants de l'extension dans les centres extérieurs — frais de scolarité, le cours complet, \$135; droits obligatoires, \$7.

Frais de résidence: chambre simple, 7 jours par semaine, \$600. Chambre double, 7 jours par semaine, \$550. Repas 5 jours par semaine (dîner et souper) samedi et dimanche exclus, \$300 pour 26 semaines.

CONDITIONS D'ADMISSION

Étudiants canadiens — 1^{er} cycle

1. Les certificats équivalents au diplôme de fin d'études spécialisées de l'Ontario, 13^{ième} année, comportant cinq cours ou six crédits et une moyenne générale minimum de 60 p. 100. Nota — les élèves de l'Ontario qui terminent un programme de trois ans dans un collège d'arts appliqués et de technologie avec une moyenne générale d'au moins 66 p. 100 sont admissibles, parfois, à un niveau plus avancé. Les élèves du Québec qui terminent un programme pré-universitaire (moyenne de 65 p. 100) ou professionnel (moyenne de 75 p. 100) dans un CEGEP sont admissibles, parfois, à un niveau plus avancé.

2. Les tests pour admission. Les résultats des tests du SACU.

3. Conditions particulières. Arts — English ou français (un minimum d'un crédit). Science — mathématiques "A" ou l'équivalent (deux crédits); chimie; deux de physique, biologie ou mathématiques "B" ou l'équivalent (un crédit). Commerce — English ou français (un ou deux crédits), mathématiques "A" ou l'équivalent (deux crédits). Commerce (administration des sports) — English ou français (un ou deux crédits), mathématiques "A" ou l'équivalent (deux crédits). Génie — mathématiques "A" ou l'équivalent (deux crédits); mathématiques "B" ou l'équivalent (un crédit), chimie, physique. Cours d'infirmière — English ou français (un ou deux crédits); chimie, biologie. Éducation et santé physique — English ou français (un ou deux crédits). BSW — English ou français (un ou deux crédits). BSL — English (deux crédits, au moins 66 p. 100 de moyenne); French ou français (deux crédits, au moins 66 p. 100 de moyenne).

Étudiants étrangers

Certificats équivalents aux conditions ordinaires d'admission. Traduction anglaise ou française authentiquée des certificats. Les impétrants dont l'anglais ou le français n'est pas la première langue de communication doivent, dans certains cas, subir le test d'anglais langue étrangère. E.-U.-A. — première année faite à un collège ou à une université reconnue, minimum de 30 heures-semester, dans les matières voulues. Les impétrants qui ont obtenu une moyenne élevée à l'École secondaire, par. ex. dans un programme avancé, sont priés d'écrire au bureau des admissions pour présenter leur cas particulier. R.-U., Indes occidentales, Afrique or. et occ., Hong Kong — certificat d'études générales (ou certificat d'immatriculation de l'Université de Hong Kong) en quatre matières (au moins trois de niveau A) ou cinq matières (au moins deux de niveau A). Le certificat de fin d'études écossais est accepté. Peuvent également être acceptés des certificats d'autres Écoles. Les candidats qui justifient du baccalauréat international sont admissibles.

Étudiants adultes

Les adultes (21 ans ou plus le 1^{er} octobre de l'année courante) qui ne justifient pas des conditions ordinaires d'admission peuvent être admissibles. Pour de plus amples détails, écrire au conseiller des étudiants adultes.

Études supérieures

Les candidats à l'admission dans un programme d'études supérieures doivent présenter un baccalauréat spécialisé ou sont équivalent et une note d'au moins "B" dans une matière appropriée.

Date limite des demandes d'admission

Les demandes d'admission doivent nous parvenir le 13 août de l'année en cours, pour les étudiants canadiens et le 29 juin pour les étudiants étrangers.

COURS ET GRADES A noter: l'université emploie le français

et l'anglais comme langues d'enseignement. Le nombre d'années indiqué ci-dessous est la durée des études après l'immatriculation senior ou le diplôme d'études collégiales.

ARTS

Faculté des arts et des sciences

Le baccalauréat ès arts (BA). (a) Programme général, normalement trois ans. On offre les concentrations dans les matières suivantes: allemand, anglais, anthropologie, économie, espagnol, études canadiennes, études indiennes-esquimaudes, études latino-américaines, français, géographie, histoire, italien, latin, mathématiques, philosophie, psychologie, russe, science politique, sciences religieuses et sociologie. Concentration en deux matières possible avec l'approbation du doyen. (b) Le programme spécialisé, normalement quatre ans. L'étudiant doit prendre note que certains programmes spécialisés exigent la réussite de cours particuliers en première année. Avec l'approbation du doyen et des départements concernés, l'étudiant peut prendre les spécialisations suivantes: anglais, anglais et espagnol, anglais et français, anglais et histoire, anglais et latin, anglais et philosophie, économie, espagnol, français, français et espagnol, français et histoire, français et latin, français et philosophie, géographie, histoire, histoire et philosophie, latin, latin et grec, mathématiques, philosophie, psychologie, science politique, science politique et économie, science politique et espagnol, science politique et français, science politique et philosophie, sociologie, sociologie et études indiennes-esquimaudes.

École des études graduées

Les programmes donnant droit à la maîtrise ès arts exigent un minimum d'une année d'études après l'obtention du baccalauréat spécialisé. On offre ces programmes en anglais et en mathématiques.

SCIENCES

Faculté des arts et des sciences

Le baccalauréat ès sciences (BSc). (a) Programme général, normalement trois ans. Concentrations en biologie, chimie, géologie, mathématiques et physique. (b) Programme spécialisé, normalement quatre ans. La première année est identique au programme général, mais les étudiants doivent remarquer que certains programmes spécialisés exigent la réussite de cours particuliers de la première année. On offre la spécialisation en biologie, chimie, géologie, mathématiques et physique.

École des études graduées

Les programmes donnant droit à la maîtrise ès sciences exigent un minimum d'une année d'études après l'obtention du baccalauréat spécialisé. On offre ces programmes en biologie, chimie, géologie, mathématiques et physique.

ÉCOLES D'ENSEIGNEMENT PROFESSIONNEL

Toutes les Écoles d'enseignement professionnel de l'Université Laurentienne de Sudbury offrent un programme d'études de quatre ans. Ces Écoles donnent l'enseignement professionnel, tandis que l'enseignement non professionnel du programme est donné par la faculté des arts et des sciences. Les cours suivants sont offerts:

COMMERCE

Baccalauréat en commerce (BCom). Quatre ans après l'immatriculation senior ou le D.E.C., École de l'administration et du commerce.

Baccalauréat en commerce, administration des sports. Quatre années après l'immatriculation senior, offert conjointement par l'École de commerce et d'administration, et l'École d'éducation physique et d'hygiène.

Un diplôme en administration des affaires est offert aux étudiants qui, ayant déjà un premier grade dans une autre matière, suivent un programme d'études d'une année en commerce et en administration des affaires.

ÉDUCATION PHYSIQUE ET HYGIÈNE

Baccalauréat en éducation physique et hygiène (BPHE). Quatre ans après l'immatriculation senior ou le D.E.C., École d'éducation physique et d'hygiène.

GÉNIE

L'École de génie offre une première année générale et une deuxième année de spécialisation en: génie chimique, génie civil, génie métallurgique, génie minier ou génie mécanique.

SCIENCES DE LANGAGE

Baccalauréat en sciences du langage (BSL). Quatre ans après l'immatriculation senior ou le D.E.C., École de traducteurs et d'interprètes.

SCIENCES INFIRMIÈRES

Baccalauréat en sciences infirmières (BScN). Quatre ans après l'immatriculation senior ou le D.E.C., École des sciences infirmières.

SERVICES SOCIAL

Baccalauréat en service social (BSW). Quatre ans après l'immatriculation senior ou le D.E.C., École de service social.

ÉDUCATION PERMANENTE La division de l'extension organise les cours d'été sur le campus et dans certains centres du Nord-Ontario, et offre des cours du soir durant l'année régulière à Sudbury, Blind River, Chapleau, Elliot Lake, Englehart, Espanola, Iron Bridge, Kirkland Lake, Manitoulin Island, New Liskeard, Noelville, Onaping, Parry Sound, Sturgeon Falls, Timmins, et Chelmsford. Certaines de ces régions offrent des cours d'été. L'année préliminaire: la division de l'extension offre l'enseignement pré-universitaire aux étudiants qui désirent compléter leur 13^{ième} année ou rehausser leur moyenne de la 13^{ième} année.

Cours conduisant à un grade

Programme complet du BA. Cours du soir — matières du baccalauréat dans les arts, quelques-unes dans les sciences et les Écoles professionnelles. Cours d'été — matières du baccalauréat dans les arts et quelques-unes des sciences et des Écoles professionnelles à l'intention de ceux qui s'acheminent vers le baccalauréat, et des enseignants qui désirent améliorer leurs qualifications professionnelles.

Cours ne conduisant pas à un grade

Enseignement destiné aux adultes qui désirent accroître leur culture personnelle et qui répond aux besoins social et professionnel de la population.

PROGRAMMES SPÉCIAUX Des programmes spéciaux peuvent être établis en vue de préparer les étudiants à l'admission aux Écoles d'enseignement professionnel dans d'autres institutions d'enseignement. Les programmes interdisciplinaires déjà créés: études amérindiennes-esquimaudes (BA), études canadiennes (BA), baccalauréat en commerce, administration des sports.

INSTITUTS DE RECHERCHE L'Institut d'astronomie possède un planétarium Spitz, A-3-P, un télescope de 6" Maksutov, un télescope de 22" Newton, pour observations visuelles, photographiques et photoélectriques; et un télescope photographique de 8".

L'Institut de recherche sur les micro-particules, institut interdisciplinaire, offre des cours de courte durée au niveau supérieur, et possède des installations permettant la recherche sur les phénomènes de la dispersion de la lumière, la sédimentation et la physique des micro-particules. Directeur: Dr. B.H. Kaye.

L'Institut de recherche cardio-thoracique offre des installations appropriées pour la recherche et la guérison des troubles circulatoires et respiratoires. Les laboratoires de recherches cardiologiques sont reliés à l'équipe de chirurgie cardiaque de Sudbury et font partie du département de biologie de l'Université Laurentienne de Sudbury.

COLLÈGE CONSTITUANT University College, Chemin du Lac Ramsey, Sudbury (Ontario). Principal intérimaire, doyen des étudiants et secrétaire général: J.M. Porter, MEd. Institution mixte, non confessionnelle, et bilingue, fondée en 1960. Collège constituant de la faculté universitaire des arts et des sciences. Il offre des cours au niveau d'études pré-grade à partir de l'immatriculation senior. Résidences.

UNIVERSITÉS FÉDÉRÉES (Les crédits sont transférables à l'Université Laurentienne de Sudbury.)

Huntington University, Sudbury (Ont.). Président: L.J. Winkel, BA, LTh, STM, ThD. Mixte. Église Unie. Fondée et fédérée avec l'Université Laurentienne de Sudbury en 1960. Offre des cours au niveau d'études pré-grade en sciences religieuses. Résidence.

Université de Sudbury/University of Sudbury, Sudbury (Ont.). Recteur: Laurent Larouche, s.j., BA, LPh, BSc, MSc, LTh, Dr rer nat. Mixte et bilingue. Catholique (Jésuites). Fondée en 1913. Fédérée le 10 septembre 1960 avec l'Université Laurentienne de Sudbury. Offre des cours de sciences religieuses et de philosophie. Résidence.

Thorneloe University, Sudbury (Ont.). Recteur et vice-chancelier: F.A. Peake, MA, DD. Mixte. Anglicane. Fondée en 1961. Offre des cours au niveau d'études pré-grade en sciences religieuses. Résidence pour hommes.

COLLÈGES AFFILIÉS (L'Université Laurentienne de Sudbury décerne les grades.)

Algoma College, Sault Ste-Marie (Ontario).

Nipissing College, North Bay (Ontario).

Collège de Hearst, Hearst (Ont.). Supérieur: M.M. Saulnier. Affilié en 1957 à l'Université de Sudbury. Pensionnat et externat. Le Collège de Hearst, à l'intention des étudiants de langue française, donne un programme limité de 3 ans menant au BA. Non confessionnel.

UNIVERSITÉ LAVAL*

Cité universitaire, Québec 10^e (Québec)

Téléphone: 418-656-2131

Adresse télégraphique: Université Laval, Québec (Québec)

Prière d'adresser la correspondance d'ordre général au bureau du registraire

DIRECTION Recteur — Larkin Kerwin, DSc. Vice-recteurs — Marcel Daneau, MScEcon; Armand Maranda, DPh, LOr, LTh; Jean-Guy Paquet, DSc; Fernand Gingras, BA, BPh, LTh.

RENSEIGNEMENTS GÉNÉRAUX L'Université Laval est un établissement de tradition chrétienne et d'expression française qui a pour objet l'enseignement supérieur et la recherche. À ce titre elle accueille des étudiants de tous âges, de toutes religions et de l'un ou l'autre sexe. C'est une institution privée dont le budget de fonctionnement est alimenté, pour la plus grande partie, par les subventions de la direction générale de l'Enseignement supérieur du ministère provincial de l'Éducation, les sources secondaires étant les droits de scolarité que paient les étudiants, les dons et les legs ainsi que certaines subventions accordées à ses chercheurs par des organismes tant fédéraux que provinciaux ou privés. Les dépenses d'investissement sont entièrement assumées par le ministère provincial de l'Éducation et par le produit des souscriptions reçues à l'occasion des campagnes de 1948 et de 1966.

*Membre ordinaire de l'AUCC.

HISTORIQUE L'Université Laval doit sa naissance au Séminaire de Québec, fondé par Mgr de Laval en 1663. Le 8 décembre 1852 sa majesté la Reine Victoria signait à Londres la charte royale qui octroyait au Séminaire de Québec les droits et privilèges d'université. Ce sont les dirigeants de ce Séminaire de Québec qui ont assumé la direction et l'administration de l'université depuis les débuts jusqu'à la fin de la deuxième guerre mondiale. L'Université Laval a décerné ses premiers diplômes en 1854, soit deux baccalauréats ès arts, deux doctorats en droit "Honoris Causa", six doctorats en médecine "Honoris Causa". Le 8 décembre 1970, l'assemblée nationale du Québec accordait une nouvelle charte à l'Université Laval, charte qui fut promulguée en même temps que les premiers statuts de la nouvelle Université Laval, le 1^{er} septembre 1971.

CONSEIL EXÉCUTIF Le conseil exécutif exerce tous les pouvoirs de l'université, à l'exception de ceux que la charte ou les statuts attribuent exclusivement au conseil de l'université, à un organisme ou à un administrateur de l'université, et de ceux que le conseil de l'université, par simple résolution, se réserve ou réserve à d'autres organismes ou administrateurs. Le conseil exécutif a pour tâche principale de régler au jour le jour les problèmes que présente l'administration de l'université, mais en s'inspirant de la politique et des décisions formulées par le conseil de l'université. Le conseil exécutif est présidé par le vice-recteur exécutif. Sont membres de ce conseil: le recteur, les trois autres vice-recteurs, le secrétaire général et quatre membres du conseil de l'université choisis par celui-ci.

CONSEIL DE L'UNIVERSITÉ Selon la nouvelle charte et les nouveaux statuts, le conseil de l'université est l'autorité suprême de cette institution. À ce titre il exerce médiatement ou immédiatement

tous les droits et pouvoirs de l'université. Il est composé de 51 membres auxquels s'ajoutent cinq personnes qui ont voix consultative et qui ont le droit de faire des propositions mais non celui de voter. Vingt-six des 51 membres sont élus, soit, 15 professeurs élus par leurs pairs, quatre étudiants de 2^e et 3^e cycles et quatre étudiants du 1^{er} cycle, deux membres du personnel professionnel non enseignant et un du personnel de soutien. Les 25 autres sont membres du conseil de l'université soit d'office, soit en vertu d'une nomination. Ce sont le recteur, quatre vice-recteurs, le directeur de l'école des gradués, le secrétaire général, douze doyens, le président de la commission des études et celui de la commission de l'administration, deux diplômés de l'université nommés pour trois ans par l'Association des anciens de l'Université Laval et deux autres personnes nommées pour trois ans par le lieutenant-gouverneur en conseil. Le conseil de l'université est présidé par le recteur qui est la première autorité dans l'université et qui a la responsabilité générale de la marche et du développement de l'université. Le recteur est élu pour cinq ans par le collège électoral. Son mandat est renouvelable de la même manière. Une même personne ne peut cependant être recteur pour plus de deux mandats consécutifs.

REVENUS Budget total de fonctionnement et d'investissements 1972-73, \$66,442,000 (droits de scolarité, 11%; services rendus à des organismes de l'extérieur, 3%; gouvernement du Québec, 60%; services auxiliaires, 10%; recherches, 13%; autres, 3%).

PUBLICATIONS Répertoire de cours; répertoire des programmes de cours; renseignements généraux; livret à l'usage des étudiants étrangers et non québécois; disponibles au bureau du registraire. Le journal "Au Fil des Événements" distribué par le service des relations publiques; le journal "L'Éprouvette" distribué par les étudiants de la faculté des sciences.

ANNÉE UNIVERSITAIRE Trimestre d'automne: début septembre — fin décembre. Trimestre d'hiver: début janvier — fin avril. Trimestre d'été: début mai — fin août. La faculté des sciences de l'administration offre son enseignement durant toute l'année soit durant trois trimestres.

TERRAINS ET BÂTIMENTS Le campus principal de l'Université Laval est situé dans les territoires des cités de Sillery et de Ste-Foy à l'ouest de la cité de Québec, capitale de la province de Québec. En plus des terrains et bâtiments de la cité universitaire, l'Université Laval possède d'autres propriétés dans le Québec et à l'extérieur du Québec. L'université loue de plus des locaux aux fins de l'enseignement.

La cité universitaire couvre une superficie de 411.2 acres. L'université y a construit les pavillons d'enseignement suivants: foresterie et géodésie, 1950; sciences de l'administration, 1952; pavillon de l'Ouest, pavillon Vandry (faculté de médecine), 1957; pavillon Pouliot (sciences pures), pavillon Vachon (sciences appliquées), 1962; pavillon des services (agriculture), 1963; pavillon De Koninck (sciences humaines), 1964; pavillon Comtois (agriculture), 1966; sciences de l'éducation, bibliothèque générale, 1968; pavillon de l'éducation physique et des sports, 1970. Au cours de l'été 1972, l'université a inauguré un nouveau bâtiment dans lequel sont installées l'école des arts visuels et l'école de musique. Cette dernière occupait auparavant des locaux loués du Séminaire de Québec dans le quartier latin de la ville de Québec. À la maison Kelly, acquise au moment de l'achat du terrain, logent la commission de la réforme et le service de l'expansion. L'aire désignée pour les activités étudiantes comprend le pavillon Pollack (1957 et 1962) et les résidences d'étudiants. Les pavillons Biermans-Morand (1957), Lemieux (1962) et Parent (1965 et 1970) servent au logement des étudiants, le pavillon Lacerte (1965), et une aile du pavillon Parent, au

logement des étudiantes. La centrale d'énergie (1954), où loge le service des terrains et bâtiments, dessert les édifices du campus, auxquels elle est reliée par un réseau souterrain. La première phase du réseau de stationnement souterrain a été réalisée en 1970 par la construction d'un parc-autos de 1.500 places adjacent au pavillon de l'éducation physique et des sports. Des passages souterrains relient les pavillons Pouliot, Vachon, bibliothèque générale, De Koninck, sciences de l'éducation, sciences de l'administration et éducation physique et sports, Vandry et Pollack. Le pavillon Comtois est relié au pavillon des services par un tunnel passant sous la route du Vallon. De même, les résidences des étudiants, soit les pavillons Parent et Biermans-Morand, sont reliées entre elles et au pavillon Pollack. L'université a vendu des terrains de la cité au gouvernement fédéral pour la construction du laboratoire de recherches forestières (1955) et du laboratoire de recherches en agriculture (1970). Ces deux laboratoires sont reliés au réseau des services de l'université. Un couloir souterrain permet une communication facile entre le laboratoire de recherches en agriculture et le pavillon des services de la faculté des sciences de l'agriculture et de l'alimentation.

L'université possède des propriétés à l'extérieur de la cité universitaire: à St-Augustin de Portneuf, une station agronomique; à St-David de l'Auberivière, une ferme; dans le parc des Laurentides, un pavillon pour l'enseignement et la recherche en sciences forestières et à St-Elzéar de Beauce, un observatoire astronomique. L'université a acquis un terrain à Soloi dans l'Île de Chypre en 1968 et y a construit une résidence en 1969.

Propriétés et locaux loués. Le gouvernement du Québec, en 1963, a convenu de pourvoir l'Université Laval d'une forêt expérimentale d'environ 25 milles carrés, située dans le parc des Laurentides, afin de permettre aux professeurs de donner des cours pratiques et de s'adonner à des travaux de recherche. La faculté de théologie occupe des locaux loués du Séminaire de Québec dans l'édifice du Grand Séminaire situé sur le terrain contigu à la cité universitaire. Le Centre d'études nordiques occupe quatre bâtisses louées du ministère des Richesses naturelles dans le territoire du Nouveau-Québec à Poste-à-la-Baleine.

RÉSIDENCES D'ÉTUDIANTS Total: 2,350 chambres simples et 53 chambres doubles. Il y a trois résidences pour les hommes avec un total de 1,650 chambres simples et de 35 chambres doubles. Pour les filles, il y a deux résidences avec un total de 695 chambres simples et 18 chambres doubles. Le loyer de la chambre est de \$40 par mois pour les étudiants réguliers à temps complet. Les étudiants des cours d'été paient \$15 par semaine. Une liste des appartements, des chambres et des pensions en dehors de la cité universitaire est préparée par le service de logement et distribuée dans les secrétariats des facultés, écoles, résidences de l'université dès le milieu du mois d'août.

BIBLIOTHÈQUES Réseau des bibliothèques de l'université: bibliothèque générale — contient la plupart des collections des sciences humaines — 569,206 volumes et 7,750 titres de périodiques; bibliothèque des sciences — 112,729 volumes et 4,598 titres de périodiques; bibliothèque de médecine — 61,973 volumes et 2,492 titres de périodiques; bibliothèque de théologie — 45,576 volumes et 471 titres de périodiques; bibliothèque de foresterie et de géodésie — 30,761 volumes et 2,021 titres de périodiques; bibliothèque des sciences de l'agriculture et de l'alimentation, et des sciences infirmières — 28,745 volumes et 1,724 périodiques.

Les services spécialisés de la bibliothèque de l'université sont: le service des archives et livres rares — collections de manuscrits, d'incunables, de livres rares ou précieux; le centre de documentation — assume la responsabilité de l'organisation et de l'administration

de systèmes documentaires propres à servir la recherche; l'audiovidéothèque — collection de 1,301 films, de 57,033 diapositives sur l'histoire de l'art et l'ethnographie, etc.; la cartothèque — collection de 49,839 cartes géographiques, 731 cartes anciennes, de 1,084 atlas et de 103,100 photographies aériennes.

VIE ÉTUDIANTE Les services offerts aux étudiants, par la direction générale de la vie étudiante qui regroupe tous les services aux étudiants, sont les suivants: service des bourses et de l'aide financière; service d'orientation et de counseling; service de placement; service aux étudiants étrangers; service de santé; service de pastorale et groupements religieux; service des loisirs socio-culturels.

SERVICES MÉDICAUX Les services médicaux offerts aux étudiants sont les consultations médicales, la clinique psychiatrique et la clinique générale. Tous les services médicaux sont gratuits.

SERVICES D'ORIENTATION DES ÉTUDIANTS Service d'orientation et de counseling.

LIBRAIRIE UNIVERSITAIRE En plus de vendre les éditions des Presses de l'Université Laval, la librairie offre aux étudiants et professeurs les notes de cours, les manuels de langue française et anglaise ainsi que toute une gamme de livres généraux et spécialisés. De la papeterie, des instruments de dessin ainsi que des disques sont aussi disponibles. Aucun rabais n'est consenti.

EMPLOI DES ÉTUDIANTS Dans plusieurs départements des facultés, les étudiants de langue française peuvent obtenir un poste d'auxiliaire d'enseignement ou de recherche.

UNION DES ÉTUDIANTS L'Université Laval n'a pas d'association générale d'étudiants. En 1970, l'A.G.É.L. (Association générale des étudiants de Laval) a été remplacée par plusieurs associations organisées à l'intérieur des facultés.

ASSOCIATION DES ÉTUDIANTS AU NIVEAU SUPÉRIEUR L'Union des gradués inscrits à Laval (U.G.I.L.) est reconnue officiellement par l'université. L'U.G.I.L. a pour but de promouvoir les intérêts du diplômé et assurer sa contribution au progrès de la communauté universitaire.

SYSTÈME DE MENTIONS Le règlement du 1^{er} cycle précise que les diplômes sont tous donnés sans mention (distinction, grande distinction). Il n'y a aucun programme où l'on accorde des mentions "reçu" ou "refusé". Quand un programme est terminé on accorde un diplôme ou on ne l'accorde pas.

AIDE FINANCIÈRE ET BOURSES OFFERTES AUX ÉTUDIANTS Le gouvernement fédéral; le gouvernement provincial; de nombreuses compagnies; des fondations et sociétés; certains organismes internationaux.

EXAMENS FINALS Pour tout cours où il y a un examen final faisant suite à des examens partiels fréquents, le professeur peut laisser ses étudiants libres de se présenter à cet examen final. La note de cours tient compte de l'examen final si l'étudiant s'y présente et remet une copie d'examen. Il n'y a pas d'examen de reprise offert aux étudiants qui ont un échec dans un cours. Le département peut toutefois autoriser l'examen de reprise pour un cours où les conditions d'évaluation des études ne peuvent répondre à toutes les exigences de l'article III-6.2 concernant l'évaluation des études — caractéristiques. (Règlement du 1^{er} cycle, article III-6.7.)

COLLATION DES GRADES La collation des grades de 2^e et

3^e cycles a lieu chaque année à la fin de l'année universitaire, soit, à la fin du mois de mai ou au début du mois de juin. C'est habituellement le recteur qui préside cette cérémonie.

DROITS DE SCOLARITÉ Par trimestre — arts et lettres, \$255; sciences pures et appliquées, \$280; médecine et art dentaire, \$330; sciences de la santé, \$280; sciences humaines et sociales, \$255; sciences de l'administration, \$280; baccalauréat ès arts, \$255.

EXIGENCES D'ADMISSION

Étudiants canadiens — études du premier cycle

1. Exigence générale d'admission. Le diplôme d'études collégiales (D.E.C.) ou l'équivalent. Les candidats de la province de Québec obtiennent ce diplôme après avoir complété cinq années d'études secondaires et deux années d'études collégiales. Autres conditions: a) certificat de baptême ou de naissance; b) trois photographies récentes portant la signature du candidat au verso; c) la formule de demande d'admission dûment remplie; d) une lettre d'appréciation du candidat ou la formule d'appréciation SA-103a fournie par le bureau du registraire et remplie par le directeur du dernier établissement fréquenté; e) trois exemplaires des relevés de notes des trois dernières années d'études (en général les douzième, treizième et quatorzième années d'études).

2. Equivalence du D.E.C. (autres provinces que le Québec): diplôme de "Junior Matriculation" plus deux ans d'université. L'équivalence entre le diplôme d'études collégiales et les autres diplômes de même niveau est déterminée par le service de l'admission. L'enseignement se donnant en français, une bonne connaissance de cette langue est nécessaire.

3. Tests d'aptitudes à l'entrée en certaines facultés.

4. Exigences particulières. Certains programmes d'études exigent que l'étudiant ait suivi des cours déterminés de niveau collégial. Ces exigences s'appliquent à tous les candidats, qu'ils viennent des collèges publics ou privés, ou qu'ils soient titulaires d'un baccalauréat en pédagogie comme équivalent du D.E.C. Pour connaître les exigences particulières d'un programme, il faut se reporter à la Table des exigences particulières d'admission au paragraphe 5 ci-après. Les exigences sont groupées par numéro de code placé entre parenthèses.

(a) Baccalauréats spécialisés: tous les baccalauréats spécialisés devront être accompagnés d'un certificat d'enseignement pour que le titulaire soit autorisé à enseigner. Architecture — (40). Arts — arts visuels (arts plastiques, communication graphique), (11); spécialisation en histoire de l'art, (10). Lettres — études allemandes, (15); études anciennes (archéologie [24], études grecques [28], études latines [26]); études anglaises (linguistique, littérature), (14); études françaises (linguistique, littérature française, littérature canadienne), (14); français (pour non-francophones), (29); études hispaniques, (21); traduction, (20). Musique — composition, éducation musicale, histoire et littérature musicales, interprétation (chant, flûte à bec, flûte traversière, guitare, orgue, piano, saxophone, violon, violoncelle, tout autre instrument au choix de l'étudiant), musique rythmique, musique sans mention, (12). Sciences agronomiques et alimentaires — agro-économie, bio-agronomie, consommation, vivres, (44); génie rural, (41). Sciences de la santé — diététique, ergothérapie, médecine, médecine dentaire, pharmacie, physiothérapie, (42); sciences infirmières, (43). Sciences forestières et géodésiques (arpentage), (41). Sciences humaines et

sociales – droit, éducation (orientation scolaire et professionnelle), philosophie, spécialisation en histoire, (10); catéchèse, théologie, (46); éducation (administration scolaire, technologie de l'enseignement), (47); géographie, (33); psychologie, (38); sciences de l'administration, (39); sciences sociales (anthropologie, politique, sociologie), (35); économie, relations industrielles, (36); service social, (32). Sciences mathématiques – actuariat, informatique de gestion, (45); informatique de génie, informatique mathématique, (41). Sciences physiques – génie chimique, civil, électrique, géologique, mécanique, métallurgique, minier, physique, (41). Sciences pures – biochimie, biologie, chimie, géologie, mathématiques, microbiologie, physique, (41).

(b) Baccalauréats en éducation, mention enseignement élémentaire. (L'étudiant doit normalement compléter sa mineure avant d'entreprendre sa majeure.) Majeure en pédagogie et didactique (10) et mineures en: arts plastiques, (11); catéchèse, (46); éducation physique, études françaises, géographie, histoire, musique, (10); études anglaises, (13); mathématiques, (34); sciences naturelles, (37).

(c) Baccalauréats en éducation, mention enseignement secondaire. (L'étudiant doit normalement compléter sa majeure avant d'entreprendre sa mineure.) Mineure en pédagogie et didactique (10) et majeures en: arts plastiques, (11); biologie, chimie, mathématiques, physique, (41); catéchèse, (46); économie familiale, (44); économique, hygiène, sciences morales, sciences de la santé, (99); éducation physique, (42); études allemandes, (16); études anglaises, études françaises, (14); études grecques, (27); études hispaniques, (21); études latines, (25); géographie, (33); histoire, musique, (10); sciences de l'administration, (39).

(d) Baccalauréats en éducation, mention enseignement aux inadaptes. (L'étudiant doit normalement compléter sa mineure avant d'entreprendre sa majeure.) Majeure en pédagogie et didactique (10) et mineures en: arts plastiques, (11); catéchèse, (46); éducation physique, études françaises, géographie, histoire, musique, (10); études anglaises, (13); mathématiques, (34); sciences naturelles, (37).

(e) Baccalauréats avec majeures et mineures au choix de l'étudiant. Allemand – études allemandes, majeure (17); langue allemande, mineure (18). Anglais – langue anglaise, mineure (13); langue et linguistique, majeure (14); littérature d'expression anglaise, majeure (19), mineure (13). Archéologie classique – mineure (10). Civilisation ancienne – mineure (10). Espagnol – langue espagnole, mineure (22); langue et linguistique, majeure (21); linguistique espagnole, mineure (23); littérature espagnole, mineure (23). Ethnographie traditionnelle (folklore) – mineure (10). Français – langue et linguistique, majeure (14); langue française, mineure (10); littérature canadienne, mineure (10); littérature d'expression française, majeure (14); littérature française, mineure (10). Géographie – majeure (33); mineure (10). Grec – mineure (27); études grecques, majeure (27). Histoire – majeure et mineure (10). Histoire de l'art – majeure et mineure (10). Journalisme et information – majeure et mineure (10). Latin – mineure (25); études latines, majeure (25). Théâtre – mineure (10).

(f) Certificats, non considérés comme premiers grades universitaires puisqu'ils ne comptent que 30 crédits chacun, mais faisant partie des études du 1^{er} cycle visant l'obtention d'un premier grade. Certificat d'aptitude à l'enseignement spécialisé d'une langue seconde, (31); certificat d'information professionnelle, (10); certificat pour l'enseignement collégial, (50); certificat pour l'enseignement élémentaire, (48); certificat pour l'enseignement secondaire, (49).

(g) Junior Year Abroad, (30).

(h) Programmes postérieurs aux études du 1^{er} cycle, non considérés comme faisant partie des 2^e et 3^e cycles. Baccalauréat en pharmacie, (55); diplôme en administration, (52); diplôme en droit notarial, (53); doctorat en médecine, (54); licence en sciences comptables, (51). Nota Bene: l'admission en médecine, en droit, en service social, en psychologie et en architecture exige des résultats scolaires supérieurs à la moyenne.

5. Table des exigences particulières d'admission. Tout candidat doit être titulaire du diplôme d'études collégiales ou de l'équivalent. Les numéros de cours cités après le nom de la discipline dans cette table sont ceux du programme des CEGEP. (10) Aucun cours collégial particulier n'est exigé pour l'admission à ce programme. (11) Histoire de l'art 103, 203, 303 et 403; organisation picturale 101, 201, 301 et 401; organisation spatiale 102, 202, 302 et 402. (12) Littérature musicale 102, 202, 302 et 402; solfège, culture auditive et langage musical 101, 201, 301 et 401; exécution 103, 203, 303 et 403. (13) Anglais 201 et 301. Si l'étudiant possède le niveau de formation déterminé par le plus avancé de ces cours au moment de son inscription au CEGEP, il peut être dispensé de ces cours, mais il doit être fait mention de cette dispense dans son dossier scolaire. (14) Deux cours de français parmi 121, 122, 221, 231, 321 et 331; anglais 201 et 301 selon l'interprétation 13. (15) Exigences 14; aucun cours collégial d'allemand n'est exigé. Non admis: l'étudiant au niveau de secondaire V en allemand (ou l'équivalent); s'il désire poursuivre ses études allemandes, il devra choisir un programme dont la majeure est l'allemand. (16) Exigences 14; aucun cours préalable d'allemand requis. Programme modifié en conséquence pour l'étudiant avec des cours d'allemand du CEGEP.

(17) Exigences 14; niveau de secondaire V en allemand ou niveau du cours collégial allemand 401 (ou l'équivalent). Être reçu à un test de classement sur la compréhension orale et écrite de l'allemand. (18) Aucune connaissance de l'allemand requise. L'étudiant qui pourra justifier d'une connaissance de l'allemand verra son programme de cours modifié en conséquence. (19) Exigences 14; pour pouvoir s'inscrire à la majeure en littérature d'expression anglaise, sans avoir à suivre des cours de langue, l'étudiant doit justifier d'une très bonne connaissance de la langue anglaise. Les résultats du test de compréhension orale et écrite permettront de juger si le candidat peut être admis à cette majeure sans cours de langue. (20) Exigences 14; connaissance satisfaisante du français et de l'anglais contrôlée par un examen. (21) Exigences 14; niveau du cours collégial espagnol 401 (ou l'équivalent); niveau de secondaire V en langue espagnole accepté en équivalence. L'étudiant n'ayant pas atteint le niveau demandé se voit imposer jusqu'à 9 crédits d'espagnol parmi ses cours au choix. (22) Niveau du cours collégial espagnol 401 (ou l'équivalent); niveau de secondaire V en langue espagnole accepté en équivalence. Si l'étudiant n'a pas atteint le niveau demandé, il peut se voir imposer jusqu'à 9 crédits d'espagnol parmi ses cours au choix. (23) L'étudiant doit être hispanophone ou justifier d'une connaissance approfondie de la langue espagnole. (24) Niveau de secondaire V en latin ou en grec (ou l'équivalent).

(25) Niveau de secondaire V en latin (ou l'équivalent). (26) Niveau de secondaire V en latin. Prérequis de ce programme avec l'option en études grecques: niveau de secondaire V en grec; sinon, suivre l'option en archéologie. (27) Niveau de secondaire V en grec (ou l'équivalent). (28) Niveau de secondaire V en grec. Prérequis de ce programme avec l'option en études latines: niveau de secondaire V en latin; sinon, suivre l'option en archéologie. (29) D.E.C. d'un CEGEP anglophone du Québec; ou avoir terminé une première année du baccalauréat ès arts dans une université non francophone. (30) Programme réservé aux non-francophones; au moins deux années du collège universitaire avec spécialisation en français, ou deux années du collège universitaire et une session des cours d'été de français aux non-francophones à Laval. (31) Tout enseignant

titulaire du baccalauréat ès arts ou d'un diplôme d'enseignement (baccalauréat en pédagogie, brevet A, brevet B ou baccalauréat en éducation) qui possède une connaissance suffisante du français pour suivre les cours avec profit. Doit parler couramment la langue qu'il se propose d'enseigner. (32) Mathématiques 101, 103 et 307; exigences 13. (33) Mathématiques 101 et 103. (34) Mathématiques 101, 103 et 203. (35) Mathématiques 101, 103 et 307. (36) Mathématiques 101, 103, 203 et 307. (37) Mathématiques 101 et (117 ou 307); biologie 301 ou 401 ou 921. (38) Mathématiques 101, 103, 203 et 307; psychologie 101 et 201; biologie 921. (39) Mathématiques 101, 103, 105, 203 et 205; sciences sociales 920 et 921; psychologie 101 et 201.

(40) Mathématiques 101, 103, 105 et 203; physique 101, 201 et 301; chimie 101 et 201; biologie: 921 si l'étudiant a fait 001 au cours secondaire; sinon 301. (41) Mêmes exigences que 40; géologie 901 peut remplacer biologie 301. (42) Mathématiques 101, 103 et 203; physique 102 ou 101, 202 ou 201, 302 ou 301; chimie 101, 201, 202 et 302; biologie: 921 et 931 si l'étudiant a fait 001 au cours secondaire; sinon 301 et 401. (43) Exigences 42. Conditions d'admission: par voie de l'éducation permanente, pour infirmiers et infirmières, l'annuaire des sciences de la santé 1971-1972. (44) Exigences 40 ou 42. (45) Exigences 41 ou 39. (46) Un total de 18 crédits en philosophie dont les crédits des cours obligatoires. (47) D.E.C. ou l'équivalent et un permis d'enseignement. Programme portant sur la pédagogie, et l'administration scolaire ou la technologie de l'enseignement. (48) Baccalauréat général (concentration: discipline enseignée au niveau élémentaire); ou baccalauréat (majeure ou mineure: discipline enseignée au niveau élémentaire); ou baccalauréat spécialisé (discipline enseignée au niveau élémentaire). Équivalences: déterminées par la direction du programme. (49) Baccalauréat (majeure: discipline enseignée au niveau secondaire); ou baccalauréat spécialisé (discipline enseignée au niveau secondaire). Équivalences: déterminées par la direction du programme. (50) Baccalauréat spécialisé (discipline enseignée au niveau collégial). Équivalences: déterminées par la direction du programme. (51) Licence en sciences de l'administration. (52) Un premier diplôme universitaire. (53) Licence en droit. (54) Baccalauréat ès sciences de la santé, mention médecine. (55) Baccalauréat ès sciences de la santé, mention pharmacie. (99) Les conditions d'admission sont à déterminer.

Étudiants étrangers

Équivalences du D.E.C. accordées à certains diplômes non québécois. États-Unis: le diplôme "Associate in Arts" (A.A.) ou avoir réussi le "Lower Level" (freshman et sophomore). France: baccalauréat de l'enseignement secondaire. Angleterre: le "General Certificate of Education" (GCE de niveau A dans au moins trois disciplines). L'enseignement se donnant en français, une bonne connaissance de cette langue est nécessaire.

Étudiants adultes

Les étudiants doivent être âgés d'au moins 21 ans et avoir terminé avec succès la 11^e année scientifique ou l'équivalent. Le programme du baccalauréat ès arts pour adultes prend fin en 1974. Seuls sont acceptés les candidats qui peuvent terminer leurs études au plus tard avec la fin de ce programme.

Études des 2^e et 3^e cycles (les maîtrises et les doctorats)

L'École des gradués a la responsabilité générale des études des 2^e et

3^e cycles. Pour être admis à poursuivre des études des 2^e et 3^e cycles, le candidat doit posséder le diplôme préalable approprié de 1^{er} cycle, (les candidats ayant un premier diplôme d'une autre université sont aussi admissibles). Un certificat d'admission peut être émis seulement sur recommandation du comité d'admission et de supervision du département ou de la faculté d'accueil et du directeur de l'École des gradués; celle-ci émet le certificat d'admission. Les candidats ne sont pas admis automatiquement sur présentation de leur dossier; le comité compétent se réserve le droit de décider de leur admission en fonction de leurs aptitudes aux études supérieures et à la recherche et tenant compte des ressources humaines et matérielles du département ou de la faculté d'accueil. Si, par exception, le candidat détient un premier diplôme universitaire dans une autre discipline que celle où il désire poursuivre ses études avancées, ou si le comité le juge à propos, celui-ci peut imposer au candidat une année supplémentaire probatoire au niveau du 1^{er} cycle. L'étudiant de cette catégorie est admis à l'École des gradués si la récupération demande moins de 30 crédits au niveau du 1^{er} cycle. L'enseignement à l'Université Laval se fait en français et tous les étudiants doivent avoir une connaissance suffisante du français écrit et parlé, à la satisfaction du comité d'admission et de surveillance. Les étudiants non francophones peuvent se familiariser avec la langue française avant leur première inscription, en suivant, pendant l'été, une classe expérimentale de français organisée par la faculté des lettres. Les études avancées doivent être poursuivies à l'université même (par exception, dans certaines circonstances, certains cours ou stages peuvent être pris à l'extérieur avec l'assentiment du comité de surveillance).

Date limite de réception des demandes d'admission

Les étudiants de la province de Québec, des autres provinces canadiennes ou d'un autre pays doivent faire parvenir leur formule de demande d'admission et les pièces exigées le ou avant le 1^{er} mars précédant le mois de septembre où ils veulent commencer leur études. L'inscription a ordinairement lieu dans la première quinzaine de septembre.

COURS ET GRADES

Études du 1^{er} cycle

(Les baccalauréats spécialisés sont indiqués d'un astérisque*)

ARCHITECTURE*

Secteur des sciences appliquées

Baccalauréat en architecture (BArch).

ARTS*

Secteur des arts et des lettres

Baccalauréat en arts visuels — arts plastiques, communication graphique (BArtsvis).

Baccalauréat ès arts spécialisé en histoire de l'art (BA).

Économie familiale (Veuillez vous reporter au titre Sciences agronomiques et alimentaires* ci-après)

ÉDUCATION

Les baccalauréats en éducation pour l'enseignement élémentaire sont tous formés d'une majeure en pédagogie et didactique, et d'une mineure portant sur une discipline enseignée au niveau élémentaire. L'étudiant doit normalement compléter sa mineure avant d'entreprendre sa majeure.

Baccalauréat en éducation — enseignement élémentaire (BEd). Majeure en pédagogie et didactique et mineures en arts plastiques, catéchèse, éducation physique, études anglaises, études françaises, géographie, histoire, mathématiques, musique, sciences naturelles.

Les baccalauréats en éducation pour l'enseignement secondaire sont tous formés d'une majeure dans une discipline enseignée au niveau secondaire, et d'une mineure en pédagogie et didactique. L'étudiant doit normalement compléter sa majeure avant d'entreprendre sa mineure.

Baccalauréat en éducation — enseignement secondaire (BEd). Mineure en pédagogie et didactique et majeures en arts plastiques; biologie; catéchèse; chimie; économique; économie familiale; éducation physique; études allemandes, anglaises, françaises, grecques, hispaniques ou latines; géographie; histoire; hygiène; mathématiques; musique; physique; sciences de l'administration; sciences morales; sciences de la santé.

Les baccalauréats en éducation pour l'enseignement aux inadaptes sont formés de la même façon que les baccalauréats en éducation pour l'enseignement élémentaire cités plus haut.

Baccalauréat en éducation — enseignement aux inadaptes (BEd). Majeure en pédagogie et didactique et mineures en arts plastiques, catéchèse, éducation physique, études anglaises, études françaises, géographie, histoire, mathématiques, musique, sciences naturelles.

LETTRES*

Secteur des arts et des lettres

Baccalauréat ès arts spécialisé en études allemandes (BA).

Baccalauréat ès arts spécialisé en études anciennes — archéologie, études grecques, études latines (BA).

Baccalauréat ès arts spécialisé en études anglaises — linguistique, littérature (BA).

Baccalauréat ès arts spécialisé en études françaises — linguistique, littérature française, littérature canadienne (BA).

Baccalauréat ès arts spécialisé en français — pour non-francophones (BA).

Baccalauréat ès arts spécialisé en études hispaniques (BA).

Baccalauréat ès arts spécialisé en traduction (BA).

MUSIQUE*

Secteur des arts et des lettres

Baccalauréat en musique — sans mention (BA).

Baccalauréat en musique — composition, éducation musicale, histoire et littérature musicales, interprétation (chant, flûte à bec, flûte traversière, guitare, orgue, piano, saxophone, violon, violoncelle et tout autre instrument au choix de l'étudiant), musique rythmique (BMus).

SCIENCES AGRONOMIQUES ET ALIMENTAIRES*

Secteur des sciences appliquées

Baccalauréat ès sciences appliquées — agro-économie, bio-agronomie, consommation, génie rural, vivres (BScapp).

SCIENCES DE LA SANTÉ*

Secteur des sciences de la santé

Baccalauréat ès sciences de la santé — diététique, ergothérapie, médecine, médecine dentaire, pharmacie, physiothérapie, sciences infirmières (BScsanté).

SCIENCES FORESTIÈRES ET GÉODÉSIIQUES*

Secteur des sciences appliquées

Baccalauréat ès sciences appliquées — arpentage, génie forestier (BScapp).

SCIENCES HUMAINES ET SOCIALES*

Secteur des sciences humaines et sociales

Baccalauréat en catéchèse (BCat).

Baccalauréat en droit (LLB).

Baccalauréat en éducation — administration scolaire, orientation scolaire et professionnelle, technologie de l'enseignement (BEd).

Baccalauréat en philosophie (BPh).

Baccalauréat en psychologie (BPsy).

Baccalauréat en sciences de l'administration (BScadm).

Baccalauréat en service social (BServsoc).

Baccalauréat en théologie (BTh).

Baccalauréat ès arts spécialisé en géographie (BA).

Baccalauréat ès arts spécialisé en histoire (BA).

Baccalauréat ès sciences sociales — anthropologie, économie, politique, relations industrielles, sociologie (BScsoc).

SCIENCES MATHÉMATIQUES*

Secteur des sciences appliquées

Baccalauréat ès sciences de l'actuariat (BScact).

Baccalauréat ès sciences — informatique de génie, informatique de gestion, informatique mathématique (BSc).

SCIENCES PHYSIQUES*

Secteur des sciences appliquées

Baccalauréat ès sciences appliquées — génie chimique, civil, électrique, géologique, mécanique, métallurgique, minier et physique (BScapp).

SCIENCES PURES*

Secteur des sciences pures

Baccalauréat ès sciences — biochimie, biologie, chimie, géologie, mathématiques, microbiologie, physique (BSc).

Baccalauréats avec majeures et mineures au choix de l'étudiant.

Ce choix doit tenir compte des incompatibilités indiquées: ou le jumelage envisagé est déjà réalisé dans le cadre d'un baccalauréat spécialisé; ou la mineure est contenue dans la majeure; ou la majeure et la mineure se recoupent d'une façon trop notable. Ces programmes ont une durée normale de six trimestres et conduisent à un baccalauréat ès arts. En général, la majeure est de 45 crédits tandis que la mineure compte 30 crédits. L'étudiant doit satisfaire aux exigences de la majeure et de la mineure, et acquérir le total de crédits spécifié pour le programme (habituellement 90). Dans l'indication des incompatibilités, le numéro de la mineure renvoie à la colonne des numéros d'ordre dans la liste des mineures.

ALLEMAND Majeure — études allemandes; incompatible avec la mineure no 1. Mineure — études allemandes; incompatible avec la majeure no 1. **ANGLAIS** Majeures — langue et linguistique; littérature d'expression anglaise: incompatibles avec les mineures nos 2 et 3. Mineures — langue anglaise; littérature d'expression anglaise: incompatibles avec les majeures nos 2 et 3. **ARCHÉOLOGIE CLASSIQUE** Mineure — incompatible avec les majeures nos 8, 10 et 12. **CIVILISATION ANCIENNE** Mineure — incompatible avec les majeures nos 8, 10 et 12. **ESPAGNOL** Majeure — langue et linguistique: incompatible avec les mineures nos 6, 7 et 8. Mineures — langue espagnole; linguistique espagnole; littérature espagnole: incompatibles avec la majeure no 4. **ETHNOGRAPHIE TRADITIONNELLE (FOLKLORE)** Mineure. **FRANÇAIS** Majeures — langue et linguistique; littérature d'expression française: incompatibles avec les mineures nos 10, 11 et 12. Mineures — langue française; littérature française; littérature canadienne: incompatibles avec les majeures nos 5 et 6. **GÉOGRAPHIE** Majeure — incompatible avec la mineure no 13. Mineure — incompatible avec la majeure no 7. **GREC** Majeure — études grecques: incompatible avec les mineures nos 4, 5, 14 et 18. Mineure

— incompatible avec les majeures nos 8 et 12. **HISTOIRE** Majeure — incompatible avec la mineure no 15. Mineure — incompatible avec la majeure no 9. **HISTOIRE DE L'ART** Majeure — incompatible avec les mineures nos 4, 5 et 16. Mineure — incompatible avec la majeure no 10. **JOURNALISME ET INFORMATION** Majeure — incompatible avec la mineure no 17. Mineure — incompatible avec la majeure no 11. **LATIN** Majeure — études latines: incompatible avec les mineures nos 4, 5, 14 et 18. Mineure — incompatible avec les majeures nos 8 et 12. **THÉÂTRE** Mineure.

Études postérieures à celles du 1^{er} cycle, non considérées comme faisant partie des 2^e et 3^e cycles. Licence en sciences comptables (LScCompt): 15 crédits après le BScAdm. Baccalauréat en pharmacie (BPharm): 2 trimestres après le BScsanté en pharmacie. Diplôme en administration (Dipladm): 36 crédits après un premier grade. Diplôme en droit notarial: 2 trimestres après la LLB. Doctorat en médecine (MD): 3 trimestres après le BScsanté en médecine.

CERTIFICATS Non considérés comme premiers grades universitaires puisqu'ils ne comptent que 30 crédits chacun, mais faisant partie des études du 1^{er} cycle visant l'obtention d'un premier grade.

Certificat d'information professionnelle; certificat d'aptitude à l'enseignement spécialisé d'une langue seconde; certificat pour l'enseignement élémentaire (C.E.E.); certificat pour l'enseignement secondaire (C.E.S.); certificat pour l'enseignement collégial (C.E.C.).

Études de 2^e cycle — les maîtrises

Section I (humanités, sciences sociales et religieuses)

Maîtrise ès arts (MA). Au moins une année depuis le BA; cours et thèse dans une des disciplines suivantes: allemand, archéologie, espagnol, ethnographie traditionnelle, études anglaises, études françaises, français, géographie, histoire, langues et littératures classiques, linguistique, littérature québécoise, théologie.

Maîtrise en sciences sociales (MScSoc). Une année depuis le BScSoc; cours et thèse en anthropologie, économique, relations industrielles, sciences politiques, sociologie.

Maîtrise en sciences de l'éducation (MScEd). Minimum de un an depuis le BEd; cours et thèse en éducation physique, orientation, pédagogie.

Maîtrise en droit (LLM), maîtrise en architecture (MArch), maîtrise en droit (MDroit), maîtrise en éducation physique (MEdPhys), maîtrise en philosophie (MPH), maîtrise en psychologie (MPsy), maîtrise en service social (MServSoc) et maîtrise en théologie (MTh). Minimum d'un an depuis le diplôme de 1^{er} cycle; cours et thèse.

Maîtrise en musique (MMus). Deux années depuis le BMus; cours et thèse.

Maîtrise en administration (MAdm). Deux années depuis le 1^{er} cycle. Deux plans sont offerts: plan A, pour les détenteurs d'un premier diplôme universitaire; plan B pour ceux qui ont un premier diplôme en administration.

Section II (mathématiques, sciences physiques, biologiques et appliquées)

Maîtrise ès sciences (MSc). Minimum d'une année à plein temps depuis le diplôme de 1^{er} cycle (BSc, BScA, BScSanté, BPharm, MD); cours gradués, thèse et minimum de résidence dans une des disciplines suivantes: agrobiologie, aménagement forestier, anatomie, biochimie, biologie, cartographie, chimie, chirurgie expérimentale, diététique, écologie forestière, économie rurale, embryologie, exploitation forestière, génétique, géodésie, géologie, histologie, ingénierie (génie chimique, civil, électrique, mécanique, minier, rural et métallurgie), mathématiques, médecine expérimentale, microbiologie, neurobiologie, pathologie, pédologie forestière, pharmacie, pharmacologie, photogrammétrie, physiologie, physique, phytotechnie, sciences du bois, sols, sylviculture, vivres, zootechnie.

III Hors section (maîtrise interdisciplinaire)

Maîtrise avec mention (aménagement du territoire et développement régional). Minimum de scolarité de 2 ans, dont une partie se prend dans le département d'attache, et une partie, au programme interdisciplinaire; cours et thèse. Domaines: maîtrises en administration, en aménagement et sylviculture, en architecture, en biologie, en droit, en économique, en géographie, en phytotechnie, et en sociologie avec mention (ATDR).

Études de 3^e cycle — les doctorats

Section I — doctorat en droit (LLD), doctorat en musique (DMus), doctorat en philosophie (DPh), doctorat en psychologie (DPsy), doctorat en sciences de l'administration (DScAdm), doctorat en sciences de l'éducation (DScEd), doctorat en sciences sociales (DScSoc), doctorat en théologie (DTh), doctorat ès lettres (DèsL) et doctorat ès sciences (DSc). Mêmes options que ci-haut mentionnées pour la maîtrise.

Section II — a) après la maîtrise: 2 années de scolarité obligatoire; b) sans la maîtrise: 3 années de scolarité obligatoire.

ÉDUCATION PERMANENTE Le Service de l'éducation permanente n'offre pas de cours proprement dits dans le cadre de l'enseignement régulier, mais il s'applique à faciliter l'accès des adultes aux divers programmes de cet enseignement. Par ailleurs, l'université, afin de répondre aux besoins des adultes, a confié à ce service l'organisation et l'administration de toute autre activité éducative qui a pour but de favoriser le perfectionnement de ces adultes, leur recyclage, ou simplement l'acquisition de connaissances nouvelles.

Cours ne conduisant pas à un grade. L'université offre des cours spéciaux aux hauts fonctionnaires à qui le gouvernement fédéral demande de perfectionner leurs connaissances de la langue française et de la société canadienne-française.

PROGRAMMES SPÉCIAUX Tous les programmes réguliers conduisant à l'obtention d'un grade de 1^{er} cycle sont subdivisés en six, sept ou huit trimestres (exceptionnellement neuf). Les programmes comportant une majeure sont nécessairement des programmes interdisciplinaires. L'université n'offre pas de programmes coopératifs. Au niveau des 2^e et 3^e cycles, certains programmes de cours et surtout de recherche sont interdisciplinaires, notamment en ce qui concerne l'aménagement du territoire et le développement régional.

INSTITUTS DE RECHERCHE Centre de recherches de l'état

solide. Ce centre a pour objet la science des matériaux qui comprend surtout les métaux et les céramiques. Les principales études en cours se rapportent aux propriétés électriques et magnétiques de ces composés et à la migration des atomes au cours des transformations. Directeur: Fernand Claisse, DSc.

Centre de recherches en bionique. Ce centre est ouvert aux chercheurs de l'université et d'organismes externes dont les travaux appartiennent à la bionique ou font appel à ses méthodes. Au nombre des sujets d'études, citons l'analyse des signaux et le codage de l'information dans le système nerveux, l'électrocardiogramme, le système de commande neuro-musculaire, la régulation endocrinienne, la psychométrie. Directeur: Jean-Marie Langlois, DSc.

Centre de recherches en nutrition. L'objet propre de ce centre est l'acquisition par la recherche scientifique de connaissances nouvelles dans le domaine des sciences de la nutrition, la diffusion de ces connaissances et leur application à la sauvegarde de la santé et du bien-être de l'homme. Directeur: Germain Brisson, BScAgr, MSc, PhD.

Centre de recherches en sociologie religieuse. Ce centre a pour objectif l'étude faite à l'aide de méthodes scientifiques rigoureuses et permettant une connaissance plus systématique du contexte social et religieux au Québec et au Canada; il veut contribuer à l'élaboration de la sociologie du phénomène religieux québécois et canadien, apporter son concours à un enseignement plus éclairé de la théologie surtout morale et pastorale, et fournir des indications aux responsables de la pastorale dans le milieu. Directeur: François Routhier, LPh, LTh, LScsoc.

Centre de recherches sur l'eau. Ce centre a pour objet l'étude des problèmes qui se rapportent à l'eau: hydrologie, géographie, biologie, hydraulique, glaces, pollution, aspects socio-économiques et légaux. Le fleuve St-Laurent et la région nordique du Keewatin sont l'objet de projets immédiats. Directeur: Alain Soucy, BSc, DIng.

Centre de recherches sur les atomes et les molécules. Le centre groupe les chercheurs des divers départements de l'université et des scientifiques du Centre canadien de recherche à Valcartier qui s'intéressent à la physique et à la chimie des molécules et des atomes simples. Directeur: Garnet Wootton, MA, DSc.

Centre de traitement de l'information. Le CTI est un centre de consultation et de recherches ouvert à tous les professeurs et étudiants. Son personnel collabore à des travaux d'analyse et de programmation, participe à la mécanisation des systèmes de classification, d'immatriculation ou de programmation de la bibliothèque et de divers services administratifs de l'université. Directeur: Louis-P.-A. Robichaud, MScE.

Centre d'étude et de recherches en pédagogie du langage oral et écrit. Ses objectifs principaux sont la recherche et la formation de spécialistes du langage oral et écrit, tant pour l'enseignement correctif dans les écoles que pour le travail en clinique multidisciplinaire. Directeur: Claude Langevin, LPéd.

Centre d'études nordiques. Ce centre a pour but d'aider les chercheurs de toutes disciplines qui effectuent des travaux de portée universelle à l'intérieur des "territoires nordiques" notamment la péninsule du Québec-Labrador. Il organise et soutient des expéditions. Directeur: Roger Lejeune, MSc.

Centre international de recherches sur le bilinguisme. Le centre poursuit un double but: a) recueillir une documentation internationale et interdisciplinaire touchant le bilinguisme; b) poursuivre des

recherches fondamentales sur le bilinguisme, le biculturalisme et tous les phénomènes qui s'y rattachent. Directeur: Jean-Guy Savard. LèsL, LPéd, DES.

Institut supérieur des sciences humaines. Cet institut a pour but de favoriser la recherche interdisciplinaire. Il comprend deux sections de recherches et d'enseignement: la première section est consacrée aux sciences de la culture et à l'épistémologie; la seconde est consacrée aux problèmes de développement économique et social. Directeur: Guy Godin, LTh, DPh.

COLLÈGES CONSTITUANTS Par suite de la réforme des structures du système scolaire de la province de Québec, l'Université

Laval n'a plus de collèges constituants. Certains des collèges qui lui étaient affiliés sont devenus des collèges d'enseignement général et professionnel (CEGEP), tandis que d'autres, après s'être amputés de leurs deux ou trois dernières années, sont devenus des établissements d'enseignement secondaire relevant du ministère de l'Éducation.

INSTITUTIONS FÉDÉRÉES, ASSOCIÉES OU AFFILIÉES L'École Normale Notre-Dame-de-Foi, Cap-Rouge, Comté Louis-Hébert (Qué.), est le seul établissement avec lequel l'Université Laval ait une convention. Cette école administre des programmes de formation des maîtres, qui sont reconnus par l'université.

THE UNIVERSITY OF LETHBRIDGE*

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PRINCIPAL OFFICERS Chancellor – James Oshiro, MD.
President and vice-chancellor – W.E. Beckel, BA, MSc, PhD.
Vice-president (academic) – O.G. Holmes, BA, MA, PhD.

GENERAL INFORMATION The university is a co-educational, non-denominational, provincial university financed primarily from government funds. A considerable number of scholarship monies and some capital works funds are provided from private donations and endowments.

BACKGROUND The University of Lethbridge was established January 1, 1967, within the Universities Act of the province of Alberta. The first regular academic operation undertaken by the university was the 1967 summer session which began in July with an enrolment of 135 students. In the fall of 1967 the university inaugurated undergraduate degree programs in the faculty of arts and science and in the faculty of education. The enrolment in the fall semester was 638, an enrolment that has increased to 1,300 full-time students in the 1972 spring semester with an excess of

500 part-time students registered on campus and at numerous centres off campus in Southern Alberta. The first degrees were awarded in the spring of 1968 numbering 34, and at the spring convocation in 1972, 382 degrees were conferred.

BOARD OF GOVERNORS The board of governors consists of 14 members as follows: the chairman of the board appointed by the lieutenant-governor-in-council of the province of Alberta; the chancellor of the university; the president of the university; 11 other persons appointed by the lieutenant-governor-in-council, two of whom are members of the alumni association, nominated by the association; one of whom is a member of the senate, nominated by the senate from its non-staff members; two of whom are members of the academic staff of the university, nominated by the general faculties council.

The board has the management and control of the university and of the property, business and affairs thereof.

GENERAL FACULTIES COUNCIL The General Faculties Council consists of 21 members at the present time as follows: the president, who is chairman; the vice-president (academic); the deans of the faculties; the chief librarian; the registrar; the administrative officer in charge of continuing education; 3 elected members of the faculty of education; 11 elected members of the faculty of arts and science; 2 students nominated by the council of the Students' Union; such appointed members as may be deemed necessary by the ex officio and elected membership. Subject to the authority of the board of governors, the general faculties council is responsible for the academic affairs of the university.

*Ordinary member, AUCC.

SENATE The senate consists of: the chancellor, who is chairman; the president; the vice-president (academic); the chief academic officer for student affairs; the administrative officer in charge of extension; the president and the vice-president of the alumni association; 2 deans appointed by the deans' council; 2 members of the board of governors appointed by the board; 3 members of G.F.C. appointed by the general faculties council; 2 members of the alumni association appointed by the association; 5 members of the public appointed by the universities commission; 4 students appointed by the students' council; 30 representative members representing affiliated colleges or institutions, geographical areas, and groups and organizations with an interest in the university.

INCOME (1971-72) Operating revenue — \$5,546,803. Government grant, 87%; tuition fees, 12%; other, 1%.

PUBLICATIONS The principal official document of the university is the academic calendar itself. Additional brochures covering various aspects of the university are available from the awards office, library and the academic departments. A student newspaper is available from the Students' Council.

ACADEMIC YEAR Summer session: early May to mid-August. Fall semester: early September to late December. Spring semester: mid-January to late April.

BUILDINGS AND GROUNDS The University of Lethbridge was founded January 1, 1967, and as such is Canada's centennial university, located in a city of 42,000 persons, in the southern part of the province of Alberta. The university occupies a new campus consisting of 450 acres bordering the Oldman River in west Lethbridge. Development of the campus commenced in 1969 and construction of the first academic building began in 1970. The academic and residence building and the physical education and fine arts building were completed in 1971 and provide library, classroom/laboratory facilities, a 400-seat cafeteria and dining centre, a 13,000-square-foot gymnasium, and residence accommodation for 390 students. These facilities represent Phase I of development of the new University of Lethbridge campus. The faculty of education and the faculty of arts and science as such have initiated research activity in a number of areas and have subsequently been able to acquire excellent "special" research facilities necessary to their operations.

In the academic and residence complex referred to above, the lower four levels provide space for the university residences, while the upper four levels include all academic, research, student affairs, food services, library, and general use space. The physical education and fine arts building is located west of the academic and residence building on a plateau at the end of the valley occupied by the main building.

STUDENT RESIDENCES The University of Lethbridge has accommodation for 390 students. The residence provides accommodation in suite arrangements with combinations of two single and two double rooms located around a lounge area and wash-room. Rooms are available for either men or women. Room charges are: single occupancy — \$200 per semester; double occupancy — \$160 per semester.

The food services operate seven days per week with a cafeteria and snack-bar operation and excellent meals are provided at reasonable rates.

LIBRARY The university library consists of the curriculum

laboratory section, media distribution section, reader services division and technical services division. The library is designed to accommodate, in its first phase, a collection of approximately 200,000 volumes and study space for over 400 students. At the beginning of the fall semester 1972, the main collection will exceed 100,000 volumes. In addition there will also be a collection of microforms exceeding 80,000 items, a government documents collection of some 10,000 titles and a developing curriculum laboratory containing 20,000 items. Approximately 1,600 current serials are received on subscriptions. The collections are being assembled with the requirements of the present curriculum in mind. Research needs are additionally catered for through the operation of an inter-library loan service.

STUDENT LIFE Since the beginning of academic operations in 1967 every effort has been made to ensure student involvement in all decision-making processes at The University of Lethbridge. Students sit as full voting members on all governmental and administrative committees and councils within the internal structure of the university. Their contribution to the development of the academic and capital programs of the university has been of great significance and is reflected in the importance placed on the various student services available. The university offers a wide range of student affairs personnel to deal with counselling, health services, placement, awards and financial assistance, intercollegiate athletics, intramural recreational activities, other extracurricular activities, and the Students' Society Council. The latter is elected from the student body to administer student fees, to organize activities, and to act in the interests of the students. Students are also invited to participate in other activities such as the numerous department, sports or general interest clubs sponsored by the SSC, and the publication of the student newspaper.

MEDICAL SERVICES The university maintains a health services clinic, staffed by a registered nurse and visiting physicians, which is concerned with the general health of all students. The university does not assume responsibility for the costs of medical treatment.

STUDENT COUNSELLING SERVICES A professional staff is available to offer a variety of services to prospective and enrolled students. Personal, vocational and academic counselling is offered on either an individual or group basis. Legal aid and other personal services are co-ordinated through a centre.

UNIVERSITY BOOKSTORE The bookstore is essentially a non-profit service to students and faculty and attempts to provide all merchandise at competitive prices, on all requests. The stock is comprised of the required and recommended texts as ordered by the faculty for the various courses. The bookstore also stocks personal items, paperback novels, magazines and general reading, popular records, tapes and cassettes as well as a supply of university-crested articles. The bookstore assumes responsibility for special-order books for persons on or off campus and serves as the distribution agent for convocation gowns and mortar boards.

STUDENT EMPLOYMENT All students seeking permanent employment through the placement services are encouraged to register as early as possible during the fall semester, as industry and government agencies begin recruiting in October. A limited number of part-time and summer jobs are available through the placement service. The placement of teachers is handled by the faculty of education.

STUDENT UNION The Students' Union exists by authority of the Alberta Universities Act and all full-time students belong to the Students' Union. The purpose of the union is to provide for the

administration of the affairs of the students of the university including the development and management of student institutions, development and enforcement of a system of student law and the promotion of the general welfare of students consistent with the purposes of the university. The Students' Council is elected from the Students' Union for the purpose of managing the business and affairs of the union. The Students' Council is the official medium of communication between the students of the university and the board and general faculties council.

GRADING SYSTEM The university employs a letter and point system of grading as follows: A (excellent) 4; B (superior) 3; C (average) 2; D (poor) 1; F (failure) 0; *Cr (credit) no grade points; NC (no credit) 0. *Credit/non-credit courses are offered by The University of Lethbridge to encourage students to expand their academic interests by enrolling in courses outside their fields of major interest and receiving either credit (Cr) or non-credit (NC) for the course in place of the usual letter grade. A student may enrol in a maximum of two credit/non-credit courses per semester but may not enrol in, and complete successfully or otherwise, more than a total of eight for credit toward a degree.

Successful completion of class requirements results in "Cr" (credit) for the courses recorded on the student's transcript; an "NC" (no credit) is recorded if class requirements are not fulfilled. The credit/non-credit courses are not considered in computing the student's grade-point average.

Substitution of "credit" by a normal letter grade is permitted until 30 days after grades have been mailed, if requested by the student. In such cases, the letter grade is included in the student's grade-point average computation. Replacing a "credit" with a letter grade in any credit/non-credit course does not enable the student to enrol in, and complete successfully or otherwise, any more than a maximum of eight such courses.

A student may not enrol in credit/non-credit courses in his major, nor in required courses in education (i.e., required foundation courses, professional semester courses, three introductory behavioural sciences).

STUDENT AWARDS AND ASSISTANCE A number of scholarships and awards are tenable at The University of Lethbridge as well as financial aid through the Queen Elizabeth scholarship fund and the Canada student loans plan.

FINAL EXAMINATIONS Within the policies of the respective faculty councils, the instructor has the responsibility for the evaluation of the academic performance of his students. If a final examination is prescribed, it is administered during the examination period indicated in the calendar of the university. No regular supplemental examinations are given in the case of illness or other extenuating circumstances beyond the control of a student which make it impossible to complete the required work by the conclusion of the semester; an "I" (incomplete) designation may be awarded upon application to, and with the approval of both the instructor and the dean, by the student or his agent. Such application will not be entertained until the last two weeks of classes. The "I" designation may be converted by the instructor to a regular letter grade within one year after it has been awarded, providing the student completes the required work or writes the missed examination.

GRADUATION Degrees are conferred by the chancellor of the university on the authority of general faculties council based on the recommendation of the respective faculty councils. Degrees

are conferred only at convocation usually scheduled during the month of May. All students who expect to graduate must complete an application for graduation for degree no later than registration day of the spring semester preceding convocation.

FEES AND COSTS Full-time student tuition fees per semester — \$200; students' union fees per semester — \$16.50; part-time student tuition fees — \$65 per course. Students' union fees optional for part-time students.

Residence costs are assessed on a semester basis as follows: single room — \$200 per semester; shared room — \$160 per semester. In addition there is a daily student rate of \$3 per day and a conference rate of \$5.50 — these fees cover the costs of room only. Meals are available from the food services cafeteria, the costs varying with the food preferences.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Alberta high school diploma; four 30-level subjects including English 30, minimum average of 60% with no subject less than 50%; a fifth optional subject (30-level or 5 credit grade 12), with a minimum of 50%. Certificates of equivalent standing are required from other provinces.

2. SACU test scores are recommended.

3. Specific requirements. All freshmen students are admitted first to the faculty of arts and science. After specific criterion has been met in the faculty of arts and science, admission is considered for other faculties and programs. Refer to calendar for details.

Foreign students

UK — GCE with at least two appropriate subjects at A level and at least three other subjects at O level; other Commonwealth — admission requirement as for home universities with GCE as for UK or CEEB as for USA; USA — academic high school graduation with satisfactory SAT and three CEEB achievement test scores related to desired major; Europe — requirements as for admission to a European university and satisfactory evidence of proficiency in English; middle East, Asia, West Indies, South America — bachelor's degree in division one or CEEB or GCE as above; and satisfactory evidence of proficiency in English. Applicant submitting the international baccalaureate will be considered for admission.

Mature students

Students of mature age (at least 19 years) who do not meet the normal requirements should write to the registrar for details of special admission requirements.

Date for receipt of applications

Applications for admission must be received by August 1 of the year in which admission is sought for the fall semester, and December 1 of the preceding year for the spring semester. Foreign students should apply about one month in advance of these dates.

COURSES AND DEGREES

ARTS AND SCIENCE

Faculty of arts and science

Bachelor of arts and science (BA). Four years past senior matriculation available in anthropology, art, biological sciences, chemistry, dramatic arts, economics, English, French, geography, history, mathematics, music, philosophy, physical education, physics, political science, psychology and sociology.

Multidisciplinary majors in such subjects as earth sciences, urban and regional studies, psychobiology and in other fields by arrangement.

EDUCATION

Faculty of education

Bachelor of education (BEd). Four years past senior matriculation. Specialization in art, biological sciences, English, mathematics, modern languages, music, physical education and social studies.

In addition to all subject majors in the faculty of education, it is possible for students to plan their programs such that they will include a concentration of courses in one area of professional education, such as library, media, special education, administration, counselling, curriculum, early childhood education, education foundations, reading, research and subject areas.

EXTENSION PROGRAMS

For university credit

Evening session – undergraduate courses in arts, science and edu-

cation. Summer session – undergraduate courses in arts, science and education.

For no university credit

A variety of non-credit courses as well as a number of workshops and teachings are offered every semester.

SPECIAL PROGRAMS Student-oriented curricula – the university has removed from its curricula the concept of “compulsory subjects”. Both faculties are pledged to meet the individual needs of each student; curricula and faculty advisors exemplify the continuing effort being made to preserve each student’s individuality. Degree programs are based on general guidelines, designed to ensure adequate “major” and breadth requirements.

Student-initiated courses – provision is made for students to initiate courses. Through this mechanism credit courses may be designed which are relevant to contemporary issues and unusual or pertinent topics which otherwise might not be part of the structured curriculum.

Independent study – independent study courses carry full degree credit, and may take a variety of forms, such as field study, laboratory research projects, library research and study at other universities, in close association with members of the faculty.

Multidisciplinary major – multidisciplinary or interdisciplinary majors allow students to concentrate on more than one subject area in meeting their degree requirements. Such alternatives allow the student to generalize or specialize as he sees fit.

Colloquium study – a person registered in the colloquium develops his studies in consultation with an advisor and appropriate resource persons from the faculty or elsewhere. An experimenting project, colloquium study is an integral part of the faculty of arts and science program intended to foster self-directed learning in a multidisciplinary colloquium of students and instructors.

LOYOLA COLLEGE*

(Affiliated to the University of Montreal)

7141 Sherbrooke Street West, Montreal 262, Quebec

Telephone: 514-482-0320

Direct general correspondence to the registrar

PRINCIPAL OFFICERS President — Very Reverend P.G. Malone, SJ, MA, STL, PhL. Vice-president, academic — J.C. Burke, BA, MA, PhD. Vice-president, administration — A.J. Ferran, BComm, CA, RIA.

GENERAL INFORMATION Loyola is co-educational, supported by public and private funds, and conducted by the Fathers of the Society of Jesus.

BACKGROUND Loyola College has evolved from a small, traditionalist, Jesuit college of the classical mould with about 400 students into a complex university-type institution with over 4,000 day students and a roughly similar number of evening students proceeding towards degrees of various kinds. Both teaching staff and student body have expanded in size from a homogeneous, English Catholic population to a more heterogeneous, pluralistic community ranging from Jesuits and traditional Catholics through the spectrum of political, religious, and ideological commitment.

Loyola College began in its own separate existence in 1899 when

it was incorporated by an act of the Quebec legislature, although its origins can be traced back to the English side of the Jesuit Collège Ste-Marie from 1848 on. Since 1899, its degrees have been granted first by Laval University and later by the University of Montreal. The arrangement with both these universities has allowed Loyola complete autonomy and independence in the shaping of its curriculum and the conduct of its examinations.

In 1943 Loyola added to its arts courses a faculty of science from which developed the faculty of engineering as we know it today. A faculty of commerce was set up in 1948. An extension department, now known as the evening division, and a summer school were set up in 1957. The communication arts department was instituted in 1965.

INCOME (1970-71) Operating income — total \$8,310,000. Breakdown: tuition — \$3,080,000; grants from province — \$4,500,000; board and residence — \$260,000; bookstore — \$370,000; other — \$100,000. Capital: government guaranteed bond issue — \$1,500,000; donations — \$166,000; miscellaneous — \$18,000.

BOARD OF TRUSTEES AND SENATE The Board of Trustees totals 30 members by appointment and the Senate 34 (9 ex officio and 25 elected).

PUBLICATIONS Available from the registrar: general college calendar — for university courses; collegial calendar — for two-year pre-university courses; admissions brochure. Available from the office of the director, evening division: evening division calendars and brochures for winter and summer sessions listing major programs leading to a bachelor's degree in arts, commerce,

*Ordinary member, AUCC.

and science; diploma programs in accountancy, business administration, data processing, labor relations, library technology, and quality control; certificate in theological studies; summer institute in the French language. Available from the dean of student services: campus handbook.

ACADEMIC YEAR Winter session: mid-September to early May. Summer session: evening — early June to mid-August: day — late June to mid-August.

BUILDINGS AND GROUNDS Loyola College is located on a fifty-acre site in the west end of Montreal. The structures of the college are: the refectory building (built in 1916); the cafeteria and physical services building (1923); the administration building (1927); the chapel and auditorium (1933); the central building (1947); the Drummond science building (1962); Hingston hall (1963); the Georges P. Vanier library (1964); the physical education centre (1966); the buildings acquired for faculty, administration, and student government offices [the Hackett and Cloran buildings (1965)] and the Centennial building (1967).

The latest addition to the college is the W.F.X. Bryan building (1967). It houses 20 lecture rooms, an auditorium, two biology labs, approximately 15 psychology labs, and one of the best-equipped communication arts departments in Canada, consisting of a combination T.V. studio and film studio, audio, visual, and lighting control rooms, two radio studios, a photography studio, a dark room, projection rooms, animation facilities and a multimedia room. The 69 lecture rooms and 10 seminar rooms have a total seating capacity of 3,423 and 163 respectively. The four auditoria can seat 1,225, the largest being the F.C. Smith auditorium which seats 570.

An IBM computer is used by the science faculty for research purposes and serves the registrar's office as well as certain administrative departments. Loyola also offers a BSc in computer science.

STUDENT RESIDENCES Hingston hall: co-educational — 185 students in 83 single rooms, 48 double rooms and 6 singles with washroom facilities. Langley hall: co-educational living in an apartment-style structure is provided for 96 students in 55 single rooms, 19 double rooms and 3 singles with washroom facilities.

LIBRARIES The Georges P. Vanier library offers Loyola students one of the most modern and well-equipped libraries in greater Montreal. The Science library in the Drummond science building serves the departments of biology, chemistry, engineering, geotechnical science, mathematics and physics.

STUDENT LIFE Loyola offers an impressive program of student activities. Student organizations number approximately 75 and encompass all aspects of education. The chief social events of the year shape in freshman week, homecoming, the athletic and faculty dances, the winter carnival and the sports award banquet. Literary endeavors find expression under the jurisdiction of the board of publications, which presently controls the Loyola News, the official student newspaper on campus, the student directory and the Review — a lasting souvenir of each college year. The cultural atmosphere is further complemented by such organizations as the debating society, the drama society (which produces classical, modern and original plays) and the band, choral, jazz, and folk music societies. Loyola's athletic program is one of the most complete and diversified in Canada. A million-and-a-half-dollar physical education centre houses an ultramodern rink, gymnasium and multifarious training, exercise, and dressing rooms, all available for intercollegiate and intramural sports.

MEDICAL SERVICES Located in the Centennial building, they are staffed by two nurses from 9 a.m. to 5:30 p.m. Monday to Friday. Physicians are available daily, and the psychiatrist is on campus twice weekly.

STUDENT COUNSELLING SERVICES Individuality is a key word at Loyola and all students are encouraged to use their university life as a time to get to know themselves better, and to develop their own individual potential to the fullest. The guidance centre is located in the Centennial building.

STUDENT EMPLOYMENT Services are available for all day and evening students who are interested in finding a permanent position after graduation or a part-time summer job during the school year.

GRADING SYSTEM Standing is graded in each subject as: A, 80-100%; B, 65-79%; C, 55-64%; D, 50-54%; failed, below 50%.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Information on scholarships, bursaries, and loan funds may be obtained from the director of financial aid.

FINAL EXAMINATIONS Final exams are held in April. Supplemental exams may be taken by science and engineering students.

GRADUATION Degrees are conferred in the spring and fall by the University of Montreal through Loyola College.

FEES AND COSTS Tuition fees per year — full-time students: arts general, \$540; arts (communication arts), \$575; commerce, \$540; engineering, \$595; science, \$575. Part-time: \$100 per course. Miscellaneous fees per year: \$50 approximately. Evening division and summer school: \$100 per course.

Residence rates per academic year: double room — \$485; single room — \$560. Meals can be contracted for on a yearly basis at a cost of approximately \$500.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

Note: the total undergraduate degree program in Quebec now consists of two collegial (college equivalent) years starting after junior matriculation followed by three university years.

1. For first collegial year: a) SACU or CEEB scores are required; b) principal's report and recommendation with school record; c) Quebec high school leaving certificate (grade 11) with ten academic papers or certificates of equivalent standing with a minimum overall average of 60% for arts or commerce and 70% and 65% respectively for engineering or science with no less than 50% in each paper. For second collegial year: a) SACU or CEEB scores are required; b) principal's report and recommendation with school record; c) senior matriculation with at least five credits appropriate for the proposed program of study. Students who successfully complete the two collegial years are entitled to proceed into the first university year. Other students who complete the equivalent elsewhere may be admissible into the first university year.

2. Specific requirements. For first collegial year: arts, commerce, and science — English composition, English literature and algebra are required. Engineering — English composition, English literature, algebra, geometry, functions, chemistry and physics are required. For second collegial year: science — mathematics (analytical geometry and calculus) and one year of physics or chemistry are strongly recommended. Engineering — application must be made to the dean of engineering.

Foreign students

Certificates of standing equivalent to those required for admission of Canadian students. USA — students must submit CEEB scores as soon as possible. If the student's mother tongue is not English, the student must provide scores on the University of Michigan English language test. Applicants submitting the international baccalaureate will be considered for admission.

Mature students

Students over 21 years of age whose secondary schooling may have been interrupted may be considered for admission into the college program.

COURSES AND DEGREES

ARTS

Faculty of arts

Bachelor of arts (BA). (a) General course, three years after successful completion of the pre-university CEGEP program or its equivalent, with majors in classics, communication arts, economics, English, études françaises, German, history, Italian, philosophy, political science, psychology, sociology, Spanish, theological studies, joint major (economics-political science). (b) Honors course, three years after successful completion of the pre-university CEGEP program or its equivalent, in classics, economics, English, études françaises, history, philosophy, political science, sociology, and theological studies.

Business, see commerce below

COMMERCE

Faculty of commerce

Bachelor of commerce (BCom). (a) General degree and major degree: to obtain a BCom(major) degree the student must have an average of 65% for courses in his chosen discipline. A student who fails to satisfy the specified average (65%) in his chosen discipline will graduate with a BCom (general) degree. With respect to both the general and major degrees, the areas of concentration are in accounting, business administration, and economics. (b) There is an honors BCom in economics.

ENGINEERING

Faculty of engineering

The faculty of engineering offers in 1972/73 a program of two cycles; a two-year collegial (CEGEP) program followed by a three-year university program. On the successful completion of the university program, students will be awarded a bachelor of science degree.

Although the curricula of the programs are designed to enable students to pursue advanced studies in engineering, science or business at other universities, nevertheless, those who do not elect to do this, will find themselves well prepared for a career in industry at a high technological level. Students aspiring to practise as professional engineers are advised to register in an option described as a professional curriculum.

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). (a) General course, three years after successful completion of the pre-university CEGEP program or its equivalent, with a concentration chosen in any one of the following fields: chemistry, geology, mathematics or physics, but less specialized than the major course and with an emphasis on a broader choice of studies. This course is designated for students who do not plan to continue their scientific training beyond the bachelor level.

(b) Major course, three years after successful completion of the pre-university CEGEP program or its equivalent, offered in biochemistry, chemistry, computer science, geology, mathematics, physics, or psychology. Designed for students capable and willing to concentrate on a designated area, students who may develop latent talents and may perhaps with the help of a qualifying year after graduation, continue to higher degrees.

(c) Honors course, three years after successful completion of the pre-university CEGEP program or its equivalent, in chemistry, mathematics or physics. The honors chemistry course is accredited as fulfilling all the requirements for professional membership in the Chemical Institute of Canada.

Note: The introduction of the CEGEP program in the province of Quebec has necessitated a change in the university curriculum. Effective since September 1971, Loyola is offering a three-year university program leading to bachelor's degrees in all faculties. Students admitted to the new university program will have completed a two-year pre-university program in the CEGEP, or its equivalent.

EXTENSION PROGRAMS

For university credit

Summer and winter sessions — day and evening courses leading to bachelor's degrees (major) in arts, commerce, and science are presented. Eleven-course diploma programs are offered in accountancy, business administration, data processing, and labor relations to meet the needs of students who may not wish to fulfill all the requirements for a bachelor of commerce degree but are concerned mainly with acquiring an education in business areas. Full accreditation for all courses taken at the diploma level will be granted

towards a bachelor of commerce degree if applicable to the program selected. Additionally, eleven-course diploma programs in library technology and quality control are available.

Certificate in theological studies – the certificate program in theological studies provides an opportunity for mature students to update their theological knowledge and further their professional qualifications. Students are normally accepted into this program with a bachelor of arts degree or its equivalent. For those without a degree, the certificate will be granted upon completion of a degree program.

Summer Institute in the French Language – six-week intensive study of the French language in small groups at the elementary, intermediate and advanced levels. Up to two (2) undergraduate credits may be granted upon the successful completion of the program.

Loyola High School – a private institution, is located on the campus and offers a five-year college preparatory program for boys only.

THE UNIVERSITY OF MANITOBA*

Winnipeg, Manitoba R3T 2N2

Telephone: 204-474-8880

Cable: The University of Manitoba, Winnipeg, Canada

Telex: 07-587721

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — P.D. Curry, LL.D. President and vice-chancellor — E. Sirluck, MBE, MA, PhD, LL.D., FRSC. Vice-president (administration) — W.J. Condo, BA. Vice-president (planning and special assignments) — W.M. Sibley, BA, MA, PhD. Vice-president (health sciences) — T.W. Fyles, MD, MSc, FRCP(C), FACP. Vice-president (research, graduate studies, and special assignments) — J.C. Gilson, BSA, MSc, PhD.

GENERAL INFORMATION The University of Manitoba is a provincial university. It is non-denominational and co-educational.

BACKGROUND The University of Manitoba was established by an act of the legislative assembly of Manitoba in 1877. Prior to the university's establishment, three church colleges were offering higher education, but did not have power to confer degrees. The new institution was conceived in the model of the University of London as an examining and degree-conferring body,

with instruction being offered in affiliated colleges. The first degrees were awarded by the university in 1880. An amendment to the University Act in 1900 gave the university power to offer instruction which began in 1904 with the establishment of six professorships. Present authority is that given by the University Act of 1968 providing for government by a board of governors and a senate.

BOARD OF GOVERNORS The Board of Governors consists of the chancellor, the president, 12 members appointed by the lieutenant-governor-in-council; members elected by the graduates of the university, and six members elected by the senate from among their members. There are also two student assessors and one other assessor.

SENATE The Senate, as the academic body of the university, has general charge of all matters of an academic character. It is comprised of the president as chairman, chancellor, vice-presidents, deans and directors of faculties and schools, director of libraries, director of student affairs, heads of each constituent, affiliated and member college, two persons appointed by the board, six persons elected by the students, the president of the students' union, two members of the alumni association, elected members from faculty and schools councils and the deputy minister of education. There are also 22 student assessors and two other assessors allowed to take part in discussions but not allowed to vote or to make motions.

INCOME (1971-72) Total operating income — \$56,993,254 (government grants, 60.08%; fees, 12.63%; services, 8.62%; endowment and other sources, 18.67%).

*Ordinary member, AUCC.

PUBLICATIONS The university publishes one general calendar which includes all faculties except education. The general calendar may be obtained by writing the registrar. The education calendar is available from the faculty of education. College calendars are also available upon request from the offices of the colleges concerned: St. John's College, St. Paul's College, St. Boniface College, and University College. In addition to the above publications, the following may be obtained from the offices as indicated: Director of summer and evening sessions: the announcement of the summer session, the announcement of the evening session; Extension division: the announcement of the evening institute; School of music: the syllabus of the Western Board of Music (the universities and departments of education of the provinces of Manitoba, Saskatchewan and Alberta); Registrar's office: mature student admission announcement, out-of-province admission announcement, time-table and registration guide, student diary; Overseas students' affairs: handbook for overseas students; Public relations office: campus guide; Dean's office, arts and science: arts and science — a general guide for students. Some faculties and some departments of the university produce pamphlets additional to the calendar describing facilities and offerings.

ACADEMIC YEAR Winter session: mid-September to early May. Summer session: early July to mid-August. Summer evening session: early May to end of July.

BUILDINGS AND GROUNDS The university is situated in the municipality of Fort Garry about seven miles from the centre of the city of Winnipeg (population 534,000). The Red River forms the eastern boundary of the Fort Garry campus which consists of approximately 685 acres. There are 35 teaching buildings and, as well, the facilities of two member colleges, St. John's and St. Paul's, one constituent college, University College, and an associated college, St. Andrew's, located on that site. The university also operates its own agricultural experimental station of 1,100 acres at Glenlea, 16 miles south of the Fort Garry campus. The faculties of medicine and dentistry, the school of medical rehabilitation and the school of dental hygiene are situated in close proximity to the Winnipeg General Hospital in Winnipeg. On the Fort Garry campus there are the Canada Department of Agriculture research laboratory and the science service building, the forest insect laboratory, the federal experimental swine testing station, the provincial fur farm, and the fishery research station.

STUDENT RESIDENCES There is residence accommodation for 650 men and 350 women. In addition, St. John's College provides residence facilities for 47 women and St. Andrew's College accommodates 24 women and 80 men.

LIBRARIES The university libraries contain 800,000 volumes. Dafoe library: this library serves primarily the needs of scholarship in the broad field of the humanities and social sciences. Science and technology libraries: special subject collections are located in the Engineering library, the Science reading room in the Armes building, the Agriculture reading room in the Agriculture building and the Dr. McDougall Memorial library in the Pharmacy building. Architecture and fine arts library offers special services for the faculty of architecture, interior design and the school of art. Education library: the major components of this large library are the professional collections in the field of education as well as an instructional materials centre consisting of textbooks, audio-visual and project materials. Medical and dental libraries provide specialized service in their respective fields located in their faculty buildings in downtown Winnipeg. Law library: located in Robson hall, serves students primarily but also acts as a reference library for legal research in Manitoba. College libraries

— the libraries in St. John's College and St. Paul's College serve to support the teaching of courses given in these colleges.

STUDENT LIFE There is a wide variety of campus activities available for student participation housed mainly in the student building. Under the auspices of the student union, students organize debating, drama, choral and music groups; a student newspaper and yearbook; a film society; an annual week-long "festival of life and learning"; campus radio; professor-course evaluation; and "speakeasy" (an open forum held frequently in the student lounge). There are six student members on the university senate plus 20 non-voting student assessors, who do not have the right to make motions. The president of the student union is an ex-officio member of senate. Innumerable sports activities are offered intramurally or extramurally. Facilities on campus include two large well-equipped gymnasias with seating for 1,800, two recreation halls, a curling rink, an ice rink, a swimming pool, rifle and archery ranges, indoor and outdoor tennis courts, playing fields, and a track-and-field stadium.

MEDICAL SERVICES The Student Health Centre includes doctor's offices for ambulant and an infirmary for the bed care of others. This centre is maintained at no charge to the student. The full-time medical staff includes a general practitioner, a psychiatric consultant, a general surgeon, and a nursing staff, on duty 24 hours a day during the regular session.

STUDENT COUNSELLING SERVICES Counselling services are designed to: (a) assist students in overcoming academic, vocational, or emotional problems which may interfere with the pursuit of their educational goals; and (b) to promote the total growth and development of students, with particular emphasis on self-understanding and inter-personal relationships. Services available include individual counselling, personal development groups, individual and group instruction in study skills, and psychiatric consultation.

UNIVERSITY BOOKSTORE The university bookstore is located on the first floor of the university centre. Merchandise offered includes: textbooks, reference books, paperbacks, stationery, art supplies and sundries. The bookstore does not offer any special discounts to students on books. It does, however, operate with a non-profit (break-even) attitude and therefore charges the lowest possible prices for the books.

STUDENT EMPLOYMENT Throughout the year, Canada Manpower operates a student placement service on campus to assist students, at all levels of their academic careers, in obtaining permanent, part-time or summer employment. Facilities are also provided for employers to conduct interviews during their recruiting visits. Notices of job opportunities and employer recruitment are posted on bulletin boards in all faculties in order to keep students fully informed of the activities of the Canada Manpower Centre.

STUDENT UNION The University of Manitoba Students' Union as defined by its constitution exists to administer student affairs and to promote the interests of students. All students registered at the university are members of U.M.S.U. Each student pays a compulsory student fee. This varies depending on the faculty and course load. Most students pay \$30.50; \$14 of this is used by U.M.S.U. for its administration and programs. The governing body of U.M.S.U. is the U.M.S.U. Council. It consists of at least one representative from each faculty. Large faculties may have two or three. The council has ultimate authority over all aspects of U.M.S.U. There also exists a seven-person executive. Included are the president and 6 commissioners. The executive is elected by the

council and is responsible to that body. All of the executive members are full-time and are paid a salary. It is the responsibility of the executive to act upon the decisions of the council and to administer the affairs of U.M.S.U. between council meetings. U.M.S.U. is at present involved in many programs. These include academic areas such as research and course evaluations; student service areas such as a used bookstore, steno referral service; external issues such as the formation of a national students' union; and programming such as concerts, art shows, "festival of life and learning", etc.

GRADUATE STUDENTS' ASSOCIATION The Graduate Students' Association represents all students at The University of Manitoba who are registered in the faculty of graduate studies. The governing body is the Graduate Students' Association Council comprised of an executive and representatives from five functional areas within the faculty. The association fees are included in the general University of Manitoba Students' Union fees and membership is compulsory. The objectives are: (1) to promote and support activities that are of interest to graduate students; (2) to provide a liaison between the university and the graduate student; (3) to represent grievances on behalf of the graduate students at the university; (4) to work with the Graduate Students' Association of other universities.

GRADING SYSTEM The grading system consists of six passing grades: A+, A, B+, B, C+, C, and D. "A+" denotes exceptional accomplishment; "A", excellent; "B" and "B+", superior, "C+", better than average; "C", average and "D", marginal. In a number of faculties and schools, special requirements in respect of averages and standing in professional subjects must be met. The faculty of medicine has recently introduced pass/fail grading in the MD program.

STUDENT AWARDS AND FINANCIAL ASSISTANCE The major bursary funds are provided by the Manitoba Department of Youth and Education and are available only to students whose parents are domiciled in this province. In addition, industries, organizations, and various private donors place bursary funds under the administration of the university awards office. Besides participating in the Canada student loans plan, the university has loan funds in trust; loans made from these sources are interest-free until the date set for repayment, but in each case a guarantor who is a Manitoba resident over 21 years of age and fully employed is required. There are a number of prestige awards given for academic standing in various areas of instruction. These awards vary in value from very small prizes to \$1,000 maximum.

FINAL EXAMINATIONS Final examinations are held in each course in December, for courses terminating in December; April/May for both full and half-courses terminating in April; and in August, for courses terminating at the conclusion of the summer session. Supplemental examinations are not offered in most faculties and schools, however, some exceptions are made at the discretion of the faculty or school.

GRADUATION Convocation is held annually in May, October and February. The degrees are conferred by the chancellor of the university during the special ceremony.

FEES AND COSTS Full-time tuition fees per year — (a) for first degree: agriculture, arts, commerce, education, home economics, law, music, nursing, physical education, science, social work, \$425; interior design, \$440; fine arts, \$445; pharmacy, \$475; engineering, \$525; architecture, \$540; dentistry, \$550; medicine, \$625; (b) for master's degree, \$375 (social work \$425); (c) doctor's degree, \$375; thesis and degree, \$80; (d) diploma courses:

agriculture, \$325; art, \$345; dental hygiene, occupational therapy, physical therapy, \$450. Student organization fees per year, \$27 to \$45.50. Residence rates, board and room, per academic year, \$610 to \$723.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Manitoba senior matriculation.
2. Equivalent certificates. Alberta (senior matriculation — grade XIII — overall average of 60%). British Columbia (senior matriculation — grade XIII — or first-year university standing). New Brunswick (first-year university standing). Newfoundland (first-year university standing). Nova Scotia (senior matriculation — grade XII — overall average of 60%). Ontario (senior matriculation — grade XIII — overall average of 60% on six credits). Prince Edward Island (first-year standing at the University of Prince Edward Island). Quebec (CEGEP graduation). Saskatchewan (senior matriculation — grade XII — overall average of 65%).
3. Tests for admission. SACU test scores are required.
4. Specific requirements. Administrative studies (formerly commerce) — English and mathematics with a minimum overall average of at least 10% higher than the minimum required to enter the university from his province. Agriculture — English, mathematics and chemistry. Arts — at least two of English, French, Ukrainian, German, Latin and mathematics. Dentistry — one year of pre-dentistry required — high school students should include mathematics, chemistry and physics. Dental hygiene — chemistry. Education — must be eligible for university entrance. Engineering — mathematics, physics and chemistry — minimum overall average of at least 10% higher than the minimum required to enter the university from his province. Environmental studies (pre-architecture) — a minimum overall average of at least 10% higher than the minimum required to enter the university and at least 10% higher in each of three specific requirements, English, mathematics and physics. Fine arts — English and either a second language or mathematics. Home economics — mathematics, chemistry and English. Interior design — English and mathematics. Law — a minimum of two years of university-level study. Medical rehabilitation — English, chemistry and one of physics or biology — students must have standing in physics at least the next to final high school year. Medicine — a minimum of two years of pre-medical study — students should include English, mathematics, and physics in their high school program. Music — English and history and a second language. Nursing — English, mathematics and chemistry. Pharmacy — a minimum of one year pre-pharmacy study — high school students should include mathematics, chemistry, physics and English. Physical education — English is specified (mathematics and biology are recommended). Science — mathematics plus one of chemistry, physics or biology. Social work — must complete one year of studies at The University of Manitoba level in any degree course.

Foreign students

Certificates equivalent to the standing required for Canadian students. United Kingdom and Commonwealth — GCE with two or three subjects at A level or equivalent. Students

whose mother tongue is not English must pass an English-language proficiency test to be eligible for admission. Applicants submitting the international baccalaureate will be considered for admission.

Mature students

a) One who does not hold the Manitoba senior matriculation or the equivalent; b) one who is endeavoring to achieve regular student status in order to proceed to meet the requirements for a degree; c) is 21 years of age; d) is a resident of the province of Manitoba, at the time of application; e) has never been required to withdraw from another university or college. Last date for receipt of applications for regular session — July 15.

Graduate

In order to enter graduate studies, students must have a first degree (honors or equivalent) with appropriate standing in the area in which they wish to do their graduate work.

COURSES AND DEGREES

ADMINISTRATIVE STUDIES

Faculty of administrative studies

Bachelor of commerce [BComm(Hons)]. Honors course, four years from senior matriculation. Specialization available in accounting and finance, actuarial and business mathematics, business administration and public policy.

Faculty of graduate studies

Master of business administration (MBA). At least one year from BComm(Hons) degree and two years from degrees in other disciplines. Specialization available in accounting and finance, actuarial and business mathematics, business administration and public policy.

AGRICULTURE

Faculty of agriculture

Diploma in agriculture. Two years from grade 12 or equivalent. Applications are considered by a committee of selection.

Diploma in dairying. One year. No stated academic requirements for admission. Applications are considered by a committee of selection.

Bachelor of science in agriculture (BSA). General course, four years from senior matriculation. Sequences offered in agricultural economics and farm management, agricultural engineering, animal science, entomology, food science, plant science, and soil science.

Faculty of graduate studies

Master of science (MSc). At least one year from a BSA degree in agriculture. Specialization offered in agricultural economics and farm management, animal science, entomology, food science, plant science, and soil science.

Doctor of philosophy (PhD). At least two years from MSc. Available in agricultural economics, animal science, entomology, plant science, and soil science.

ARCHITECTURE

Faculty of architecture

Bachelor of environmental studies (BES). Three years from senior matriculation.

Bachelor of landscape architecture (BLA). Two years from bachelor of environmental studies.

Bachelor of interior design (BID). Four years from senior matriculation.

Faculty of graduate studies

Master of architecture (MArch). Three years from bachelor of environmental studies or equivalent.

Master of city planning (MCP). At least two years from first degree in arts, engineering, or architecture or one year from diploma in city planning.

ARTS

Faculty of arts and science

Bachelor of arts [BA or BA(Hons)]. (a) General course, three years from senior matriculation. Major and/or minor subjects: anthropology, classics (classical studies, Latin, and Greek), cross-disciplinary studies, economics, English, geography, German, history, Icelandic, Judaic studies (Hebrew language and literature, Judaic civilization, Yiddish), mathematics, music, philosophy, political studies, psychology, religion, romance languages and literature (French, Italian, Spanish), Slavic studies (Russian, Polish, Ukrainian), and sociology. (b) Honors course, four years from senior matriculation. Available in actuarial and business mathematics, anthropology, classics (Latin and Greek), economics, English, French, geography, German, history, Icelandic, mathematics, philosophy, political studies, psychology, Slavic studies, and sociology.

Bachelier ès arts (BA). Three years at St. Boniface College.

Bachelier ès arts [BA(LPh)]. Latin philosophy. Three years at St. Boniface College.

Faculty of graduate studies

Master of arts (MA). At least two years from general BA, or at least one year from honors BA. Available in anthropology, classics (Latin and Greek), economics, English, geography, German, history, Icelandic, mathematics, philosophy, political studies, psychology, romance languages and literature, Slavic studies, and sociology.

Doctor of philosophy (PhD). At least two years from MA. Available in economics, English, geography, history, mathematics, psychology, and romance languages and literature.

DENTISTRY

Faculty of dentistry

Diploma in dental hygiene. Two years from senior matriculation.

Doctor of dental medicine (DMD). Four years beyond one year in arts or science.

Faculty of graduate studies

Master of science (MSc). At least one year from DMD degree. Available in dental science and oral biology; also available in orthodontics (28 months).

Doctor of philosophy (PhD). At least two years from MSc degree. Available in oral biology.

Diploma in periodontics. Superimposed on MSc program in oral biology. Minimum of three years.

EDUCATION

Faculty of education

Associateship in education. Two years from senior matriculation: (1) the two-year integrated program in education and arts, science or other faculties; (2) one year of education and one year of arts, science, or other faculties.

Certificate in education. Three or four years from senior matriculation: one year of education and either two years or a first degree in arts, science, or other faculties.

Bachelor of pedagogy (BPaed). Four years from senior matriculation: two years in education and two years in arts and science or other faculties.

Bachelor of education (BEd). Five years from senior matriculation: two years in education and a first degree in arts, science, or other faculties.

Faculty of graduate studies

Master of education (MEd). At least one year from BEd degree.

Doctor of philosophy (PhD). At least two years from a master's degree; available in educational administration.

ENGINEERING

Faculty of engineering

Bachelor of science in engineering (BSc followed by appropriate affix; e.g., AE, CE, EE, GE, ME). Four years from senior matriculation. Specialization offered in agricultural, civil, electrical, geological, and mechanical engineering.

Faculty of graduate studies

Master of science (MSc). At least one year from BSc degree. Available in agricultural, civil, electrical, and mechanical engineering.

Diploma in engineering. Normally longer than one year from a BSc degree in engineering.

Doctor of philosophy (PhD). At least two years from MSc degree. Available in civil, electrical, and mechanical engineering.

FINE ARTS

School of art

Diploma in art. Four years. No stated academic requirements for admission. Applications are considered by a committee of selection.

Bachelor of fine arts [BFA or BFA(Hons)]. (a) General course, three years from senior matriculation. (b) Honors course, four years from senior matriculation. Specialization offered in ceramics, drawing, graphic design, painting, print-making and sculpture.

HOME ECONOMICS

Faculty of home economics

Bachelor of home economics (BHEc). Four years from senior matriculation. Specialization offered in foods and nutrition. General option: clothing and textiles, and family studies.

Faculty of graduate studies

Master of science (MSc). At least one year from BHEc. Specialization offered in clothing and textiles, family studies, and foods and nutrition.

INTERDISCIPLINARY

Faculty of graduate studies

Master of natural resources management (MNRM). A minimum of two years from the bachelor's degree.

LAW

Faculty of law

Bachelor of laws (LLB). Three years, full-time, beyond satisfactory completion of at least two years of any university course of studies. Applications are considered by a committee of selection. Law school admission test must be written.

Faculty of graduate studies

Master of laws (LLM). One year from LLB degree.

MEDICAL REHABILITATION

School of medical rehabilitation

Diploma in occupational therapy. Three years from senior matriculation.

Diploma in physical therapy. Three years from senior matriculation.

Bachelor of occupational therapy (BOT). One year from diploma course. One year following completion of diploma course and two years' practical experience.

Bachelor of physical therapy (BPT). One year from diploma course. One year following completion of diploma course and two years' practical experience.

MEDICINE

Faculty of medicine

Doctor of medicine (MD). Four years beyond the second year in arts or science.

Bachelor of science in medicine [BSc(Med)]. At least one year from the second year in medicine.

Faculty of graduate studies

Master of science (MSc). At least one year from the MD degree. Available in anatomy, biochemistry, medical microbiology, medicine, obstetrics and gynaecology, pathology, pediatrics, pharmacology and therapeutics, physiology, psychiatry, and surgery.

Doctor of philosophy (PhD). At least two years from MSc degree. Available in anatomy, biochemistry, medical microbiology, pharmacology and physiology.

Diploma in psychiatry. Four years from MD degree.

MUSIC

School of music

Associate in music (AMus Western Board).

Licentiate in music (LMus Western Board).

Bachelor of music [BMus or BMus(Hons) or BMus(Perf)]. (a) General course, three years from senior matriculation. (b) Honors course, four years from senior matriculation. (c) Performance, four years from senior matriculation.

NURSING

School of nursing

Bachelor of nursing (BN). Four years from senior matriculation. A program designed for applicants holding a degree in a field other than nursing and for registered nurses is offered.

PHARMACY

Faculty of pharmacy

Bachelor of science in pharmacy [BSc(Pharm)]. Three-year program following a one-year pre-pharmacy prerequisite. Specialization available in hospital pharmacy, pharmaceuticals, pharmacognosy, and retail pharmacy.

Faculty of graduate studies

Master of science (MSc). At least one year from honors bachelor's degree. Specialization in pharmaceutical chemistry, pharmaceutical microbiology, pharmacognosy, and pharmacokinetics.

PHYSICAL EDUCATION

School of physical education

Bachelor of physical education (BPE). Three years from senior matriculation. Applications are considered by a committee of selection.

SCIENCE

Faculty of arts and science

Bachelor of science [BSc or BSc(Hons)]. (a) General course, three years from senior matriculation. Major subjects: botany, chemistry, computer science, geology and mineralogy, mathematics, microbiology, physics, statistics, and zoology. (b) Honors course, four years from senior matriculation. Available in actuarial mathematics, botany, chemistry, computer science, earth sciences, mathematics, microbiology, physics, statistics, and zoology.

Faculty of graduate studies

Master of science (MSc). At least two years from the general degree in science or at least one year from the honors bachelor's degree in science. Available in actuarial and business mathematics, botany, chemistry, computer science, earth sciences, mathematics, microbiology, physics, statistics, and zoology.

Doctor of philosophy (PhD). At least two years from MSc. Available in botany, chemistry, earth sciences, mathematics, microbiology, physics, and zoology.

SOCIAL WORK

School of social work

Bachelor of social work (BSW). Three-year program following one year university in any faculty.

Faculty of graduate studies

Master of social work (MSW). Two-year program from BSW degree.

EXTENSION PROGRAMS

For university credit

Correspondence courses — courses offered in a limited number of arts and science subjects. Evening session — undergraduate and graduate courses in arts, commerce, education, fine arts, music, and science. Summer session — undergraduate and graduate courses offered in arts, commerce, education, fine arts, home economics, music, and science for students proceeding to a degree and for teachers who may wish to improve their professional qualifications.

For no university credit

Extension services, extension division — systematic courses in the humanities and other areas of proper concern to a university on a non-credit basis. Special short courses — professional refresher or maintenance courses; intellectual refreshment of alumni as distinct from professional courses.

RESEARCH INSTITUTES Agassiz Centre for Water Studies. Water resources problems and potential in northern and western Canada are being studied by representatives of the following disciplines: agricultural economics, anthropology, civil engineering, economics, food science, geography, geology, law, plant science, political science, sociology, and soil science.

Aquatic Biology Research Unit. This group comprises participants from the Freshwater Institute of the Fisheries Research Board and from university departments. Areas of interest include fish physiology, ichthyology, limnology, and microbiology.

Canada Department of Agriculture Research Station. The Canada Department of Agriculture Research Station is located on campus. Scientists at the laboratory co-operate freely with university departments, particularly those of botany, entomology, microbiology

and plant science. Some members of the scientific staff at the laboratory hold the position of honorary research professor at the university.

Centre for Settlement Studies. The purpose of the current research program is to acquire a better understanding of the factors that help or hinder the development of an adequate quality of living for inhabitants of resource frontier communities. Participants include representatives of anthropology, city planning, economics, education, geography, home economics, law, medicine, political science, psychology, social work, and sociology.

Centre for Transportation Studies. The aims are to give continuity and focus to a study of broad and long-range problems of the Canadian transportation system and to provide the stimulus and breadth of interdisciplinary knowledge and discussion. Co-operating departments include agricultural economics, commerce, economics, and geography.

Delta Waterfowl Research Station, Delta, Manitoba. The Delta Waterfowl Research Station is located at the south end of Lake Manitoba, at which site scientists and students are investigating the biology of waterfowl. The station is administered by the trustees of the North American Wildlife Federation.

Glenlea Research Station. The 1,300-acre station provides facilities for: (a) fundamental and applied agricultural research of an interdisciplinary nature and (b) application of laboratory research results on a field-scale basis.

Legal Research Institute. The objective is to promote and undertake legal research and law reform studies in Manitoba.

Limnological Station, West Blue Lake. The university field station at West Blue Lake is located in Duck Lake Provincial Park and provides facilities for graduate students interested in aquatic ecology. This field station is supported by the province of Manitoba, the National Research Council, and the Fisheries Research Board of Canada.

Manitoba Institute of Cell Biology. The purpose of the institute is to carry out a program of research and training in the basic and clinical sciences with the object of gaining a better understanding of the nature of cancer and other diseases, by studying the underlying cellular processes.

Medieval and Renaissance Guild. The purpose is to aid and stimulate students and faculty in medieval and renaissance studies by the institution of programs of studies, special research projects, conferences, symposia, lectures, and publications. Members include representatives from the departments of classics, English, French, German, history, Icelandic, Judaic studies, music, philosophy, political science, and Slavic studies.

Natural Resource Institute. The institute is an interdisciplinary academic unit with a two-fold purpose, namely: (a) to seek and to develop theories and principles of natural resource management through research and scholarly endeavor; and (b) to impart the knowledge and skills of this discipline to students. The degree of master of natural resource management is offered, covering the areas of economics, resources, socio-political administration and analysis.

Northern Studies Committee. The objective of the research program is to encourage the study of man and environment in the North.

University Field Station (Delta Marsh). The objectives are: (a) to provide an area for research in such fields as archeology and earth sciences; botany, microbiology, and zoology; and (b) to provide facilities for teaching and for encouraging field-directed courses.

University Field Station (Star Lake). The station is a site for teaching earth science field courses. In the planning stages at Star Lake is a geophysical observatory for seismic and magnetic recording.

MEMBER COLLEGES St. John's College, 400 Dysart Rd., Winnipeg, Manitoba R3T 2M5. Warden: Rev. J.R. Brown, MA, DD. Established 1849. Co-educational. An Anglican college within the university, offering instruction in arts and science. All courses are for The University of Manitoba credit. Provides residence accommodation, dining and recreation facilities. (See separate entry.)

St. Paul's College, 430 Dysart Rd., Winnipeg, Manitoba R3T 2M6. Rector: Rev. V.J. Jensen, sj, BA, MA, STL. Established 1926. Co-educational. A Roman Catholic college within the university, offering instruction in arts and science. All courses are for The University of Manitoba credit. Provides dining and recreational facilities. (See separate entry.)

AFFILIATED COLLEGE Collège de Saint-Boniface, 200 Cathedral Ave., Saint-Boniface, Manitoba R2H 0H7. Recteur: Roger Saint-Denis, BA, BAcp, DipIng. Fondé en 1818. Cours préparatoire et BA, BSc, ou BEd. L'enseignement est donné en langue française.

ASSOCIATED COLLEGE St. Andrew's College, 475 Dysart Rd., Winnipeg, Manitoba R3T 2M7. Principal: L. Tomaschuk, BSc, DipEd. Established 1946. Associated 1962. A college for the training of the ministry in the Ukrainian Greek Orthodox Church in Canada and the United States of America. Credits earned at this college will not transfer to a degree program at The University of Manitoba.

APPROVED TEACHING CENTRE Canadian Mennonite Bible College, Winnipeg 29, Manitoba. President: Rev. Henry Poettcker, ThD. Established 1947. Recognized by The University of Manitoba as an approved teaching centre in 1963. Co-educational. Offers courses in music and theology leading to a bachelor of theology and a bachelor of sacred music awarded by the college. The university authorized the Canadian Mennonite Bible College to offer certain of its courses each year with a student taking a maximum of seven courses at the first-year level and a maximum of three courses at the higher level, the latter to be confined to religion and music.

The authorization to offer these courses will be given each year following approval by the particular department concerned having regard to the qualifications of the proposed instructors and the content of the course. Credits in these courses may not be used to satisfy the residence requirements for The University of Manitoba degree. Students, at centres authorized to offer The University of Manitoba courses, wishing credit for courses, must comply with the admission requirements of the university, must be officially accepted by the university and must be registered for the courses for which they seek credit. Courses offered at the centre for credit towards a degree must not exceed 10 in number and must not constitute a complete major in any subject. Residential accommodation for 116 students and 15 families.

McGILL UNIVERSITY*

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Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – Donald Hebb, BA, MA, PhD, DSc, DHL, LLD, FRS, FRSC. Principal and vice-chancellor – Robert Bell, CC, MA, PhD, DSc, LLD, FRS, FRSC. Vice-principal (academic) – Eigil Pedersen, BA, EdD, MA. Vice-principal (planning and development) – to be appointed. Vice-principal (administration and professional faculties) – S.B. Frost, BD, MTh, DPhil, DD, DLitt.

GENERAL INFORMATION McGill is non-denominational and for many years has been co-educational in seven of its 12 faculties and six schools.

BACKGROUND In 1813, the Hon. James McGill, a leading merchant and prominent citizen of Montreal, died, and in his will left 46 acres of land and 10,000 pounds to the already existing "Royal Institution for the Advancement of Learning", for the purpose of founding a college or university. As a result, a royal charter was granted in 1821 and the University of McGill College

was opened in 1829 with teaching in the faculties of medicine and arts. The first degree was awarded in 1833.

BOARD OF GOVERNORS A general supervisory power in the university is retained by the crown and is exercised through the governor-general as visitor. The members of the board of governors constitute "The Royal Institution for the Advancement of Learning", a corporation existing under the laws of the province of Quebec, part of the official organization of the province, but completely self-governing. In them is vested the management of finances, appointment of professors (in consultation with senate) and other important duties; 5 of the governors are elected by the members of the graduates' society, 5 by senate from amongst its members (student members being eligible) and 25 by the board from amongst those nominated by the nominating committee. The board elects the chancellor of the university and, also from among its members, a chairman to preside at its meetings, who may also be the chancellor. The chairman is president of the Royal Institution for the Advancement of Learning. The chancellor is presiding officer of convocation and of joint sessions of the board of governors and senate. The principal, academic head and chief administrative officer, is appointed by the board of governors, after consultation with senate. He also holds the office of vice-chancellor of the university and is ex officio a member of the board of governors and of senate.

SENATE Senate consists of 67 voting members: the chancellor, the principal, the chairman of the board of governors, vice-principals, deans of faculties, the president of the students' society, the dean of students, all ex officio; four governors elected by the board; 32 professors elected by the various faculties; 14 students

*Ordinary member, AUCC.

elected by the students and certain ex-officio members. The principal is chairman of senate, which is the highest academic authority of the university and has control over admission, courses of study, discipline and degrees. The carrying out of the regulations of senate along with primary responsibility for the conduct of the educational work of the university is entrusted to the several faculties and schools.

INCOME (1970-71) Total income \$57,687,000 (excluding ancillary enterprises) (student fees, 14.6%; gifts for operating purposes [other than research], 2%; endowments, 4.9%; provincial grants, 46.3%; gifts, grants and endowments for research, 27.2% [including federal and provincial grants]; other sources, 5%).

PUBLICATIONS A number of publications are available through the registrar's and admissions offices for intending students, as follows: general announcement, faculty and scholarships (undergraduate and postgraduate) announcements, Information McGill, circulated to schools when changes in admission requirements and curriculum occur, and Renseignements généraux (for French-speaking intending students). The McGill Daily and McGill student handbook are published by the McGill Students' Society.

ACADEMIC YEAR Winter session: mid-September to early May (June, for medicine and dentistry and other professional schools). Summer session: in various subjects, July to mid-August.

BUILDINGS, GROUNDS AND LIBRARIES Eleven of the faculties of McGill are situated in Montreal (population approximates 2,489,000), where the university campus lies on the lower slopes of Mount Royal. Macdonald College at Ste-Anne-de-Bellevue, about 25 miles from Montreal, is an incorporated college of the university, and houses the faculty of agriculture and the school of food science.

The Montreal campus has an area of 75 acres and contains 85 buildings, including teaching buildings, administration buildings, students' centre, and men's and women's residences. The university library includes the McLennan library and various faculty and departmental libraries in other buildings. The Osler library of the history of medicine contains about 24,800 volumes and has, as a nucleus, the 8,000 volumes bequeathed to McGill by one of its most famous pupils and teachers, Sir William Osler. The several libraries of the university now contain more than 2,170,000 books, microforms and periodicals. Special collections include the Blackader-Lauterman library of architecture and art, the Blacker-Wood library of zoology and ornithology, the Lande collection of Canadiana, and the Islamic studies library. The McCord museum houses the university's extensive collection of Canadiana. The Redpath museum of natural history is used for reference and research. In addition there are specialized collections such as the Rutherford collection of experimental physics and the anatomical, medical, pathological and biological museums.

Macdonald College consists of approximately 1,600 acres with 30 buildings including residences, students' centre, indoor skating rink, gymnasium, swimming pools and other sports facilities. The campus proper consists of 200 acres and contains the orchard, horticulture plots, and poultry ranges. In addition there are the stock farm, the agronomy and the college farms. The Morgan arboretum, established in 1947, has 700 acres of woodland devoted to the study of woodlot management and the place of the woodlot in the eastern Canadian farm economy. The Lyman entomological museum contains the best insect collection in Canadian universities. The Brace Research Institute devoted to the study of

the engineering aspects of arid land development and the Institute of Parasitology are also housed on the Macdonald campus.

In 1958, on the death of brigadier A. Hamilton Gault, McGill inherited Mont St-Hilaire, a property consisting of 2,285 acres, which is used for research in meteorology, geography, geology, horticulture, entomology, botany, zoology, and for other academic purposes as well as a nature centre and bird sanctuary.

STUDENT RESIDENCES There are four co-educational halls of residence, Douglas hall, McConnell hall, Molson hall and Gardner hall which together house 779 students. The Royal Victoria College houses 225 women students. A number of apartments are also available for married students in several nearby locations.

STUDENT LIFE There are over 250 activities and clubs which students may join, including international clubs, religious groups, political clubs, theatrical and musical societies, Radio McGill, and the student newspaper, the McGill Daily. Sport facilities and numerous intramural and recreational sports clubs provide opportunities for students to participate in sports. All students are members of the Students' Society and student members sit on almost all university committees as well as on the university senate and the board of governors.

STUDENT EMPLOYMENT The Canada Manpower Centre provides a comprehensive placement service in the areas of part-time, summer and permanent employment.

STUDENT GOVERNMENT All students registered in the university are members of the Students' Society except for students governed by the constitution of the Macdonald College Students' Society and students registered in the faculty of graduate studies and research who are non-resident students or full-time members of the teaching staff. The executive and legislative authority of the society is vested in the executive committee and students' council respectively. The council, as the governing body, is responsible for the proper functioning of all activities of the society. All undergraduate societies, major activities, clubs, societies, publications and other campus organizations of the students' society are under its jurisdiction. It is the only recognized medium, apart from the students', athletics council, between the student body and the university authorities. The council is responsible to the students through open meetings and referendums of the students' society, and operates according to the constitution of the students' society. Fees are collected by the university as part of the regular tuition fees.

The university centre houses offices for the students' society and all the major extracurricular activities at McGill. Meeting rooms are available to students as well as a cafeteria, lounges and ballroom.

The Post-Graduate Students' Society operates David Thomson house as a meeting place for all resident full-time students registered in the graduate faculty. There are frequent organized social and cultural activities.

GRADING SYSTEM Arts, science: all courses carry a credit rating. Generally a three-hour one-term course carries 3 credits. The earned grade point for each course is the product of the credit rating of the course and the grade rating attained. A - (80-100%), 4; B - (65-79%), 3; C - (55-64%), 2; D - (45-54%), 1; F - (0-44%), 0. Standing is determined on the basis of a grade point average (GPA) computed by dividing the sum of the grade points earned for the year by the course credits attempted.

The cumulative grade point average (CGPA) will be the grade point average calculated using the student's entire record in the program. A failed course will continue to be used in the calculation of the CGPA even after the course is repeated and passed, or if a supplemental examination is taken.

Engineering: each course is assigned a course weight. The earned grade point average is defined by the ratio: sum of the products (course weight) X grade points + sum of the course weights. A – excellent, 4; B – very good, 3; C – good, 2; D – conditional pass, 1; F – failed, O.

Medicine: S – satisfactory, 60-100%; F – failed, under 60%. Dentistry: pass – 60-100%; fail – under 60%. Graduate studies and research: pass mark 65%.

College equivalent programs: A – 80-100%; B – 65-79%; C – 55-64%; D – 45-54%; failure – under 45%.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Fellowships and assistantships are available in the faculty of graduate studies and research. Application through the dean of the faculty. In the undergraduate faculties, application for entrance scholarships for Canadian students only are made through the admissions office. Bursaries and loans are available through the student aid office. The scholarships announcement giving further details may be obtained from the registrar's office. Provincial and federal aid: address inquiries to student aid, c/o department of education in the appropriate provincial capital. Quebec students are not eligible to apply for federal aid but should apply for provincial aid to: student aid office, room 110, F. Cyril James building, McGill University, P.O. Box 6070, Montreal 101, Quebec.

FINAL EXAMINATIONS Final examinations are held in most courses in the spring although a number of courses do not require a final examination. A student may receive permission to write supplemental examinations which are normally held in August. Deferred examinations may also be written in August with special permission.

GRADUATION Convocations are held twice a year, in the spring and in the fall. All degrees approved by senate are conferred at these convocations by the chancellor and the vice-chancellor of the university. Honorary degrees are also conferred at these ceremonies.

FEES AND COSTS Fees per year, including tuition and miscellaneous fees: agriculture (degree) \$525, (diploma) \$73 for children of farmers of Quebec, eastern Ontario and the Maritime provinces, others \$383; architecture \$746, BSc(Arch) \$746; arts \$638; dentistry \$690 (lab. equipment not included); education, BEd \$638, PE major \$658, HEc major years 1, 2, \$560, year 3, \$638, diplomas, \$500; engineering \$740; food science \$525; graduate studies, except MBA, MLS 2, and MSW \$652, MBA \$717, MLS 2 \$312, MSW \$654; law \$635; management, (BCom) \$643; medicine 1st, 2nd and 3rd years \$800, 4th year \$805; music, (degree) \$638, concert diploma \$655, licentiate \$595; nursing, BN \$615, BSc(N) \$615; physical and occupational therapy \$610; religious studies \$585; science \$703; BSW \$638; partial courses, \$150 per course; Quebec students in 1st or 2nd year of college equivalent programs on Montreal campus \$460, except college equivalent programs in management \$465; non-Quebec students in college equivalent programs pay standard university fees for the appropriate course.

Board and residence – co-educational and women: \$965 to \$1,420. (All fees are subject to possible changes.)

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Quebec – holders of the diploma of collegial studies, or its equivalent, are considered for admission to the first year of the three-year university program.

2. Provinces other than Quebec: arts, management education – Ontario grade 13 with five subjects and 70% average admits to first year of 90-credit program; students must make up six credits if only four subjects. For management, grade 13 mathematics (calculus) required. Other provinces – grade 12 with adequate standing in appropriate subjects admits to a 120-credit program. Science, school of physical and occupational therapy, school of nursing – for science equivalent of introductory college-level courses in biology, chemistry, physics and mathematics, which are prerequisite courses of six credits for each full-year course, must have completed or be completed at McGill. Mathematics A and B (Ontario) each count as three prerequisite credits. Ontario grade 13 or first-year science at Memorial University, may admit to a program requiring completion of difference between 120 credits and prerequisite credits already earned. Other provinces – grade 12 with adequate standing in appropriate subjects may admit to program requiring completion of 120 credits. Engineering – as science, but stronger background in mathematics, physics and chemistry normally required.

Foreign students

Arts management, education – USA – grade 12 may admit to first year but 30 additional credits must be made up, two advanced placements may admit to first year and only six to twelve credits must be made up; three advanced placements may admit directly to first year. UK and Commonwealth – GCE in five subjects with two at A level or in four subjects with three at A level may admit to three-year program (90 credits). No subject may be written at both levels; grade C or better required; one subject must be English language. GCE in five appropriate subjects at O level may admit to first year of college-equivalent program; English language required and a second language recommended.

Science, school of physical therapy and occupational therapy, school of nursing – for science equivalent or introductory college-level courses in biology, chemistry, physics and mathematics, which are prerequisite courses of six credits for each full-year course, must have completed or be completed at McGill. USA – grade 12 may admit to program requiring completion of difference between 120 credits and number of prerequisite credits earned. An advanced placement science course, with grade 3 or better, is equivalent to six prerequisite credits. UK and Commonwealth – five GCE subjects including English, chemistry and physics with two at A level may admit to program requiring completion of difference between 120 credits and prerequisite credits earned. GCE A level paper in science with grade C or better is equal to 10 prerequisite credits. Five GCE papers at O level may admit to first year of college-equivalent program; subjects should include English, a second language, mathematics, and one of

physics, chemistry, or biology; overall average on five subjects must not be lower than four or D. Engineering — as science but stronger background in mathematics, physics and chemistry normally required.

CEEB scores are required from US applicants. Overseas applicants are advised to write either SACU or CEEB examinations. Applicants submitting the international baccalaureate will be considered for admission.

Graduate

For admission to graduate study a student must have completed the equivalent of an honors degree at McGill with specified grades in appropriate subjects. Application for admission to most departments in the faculty of graduate studies and research should be made to the dean by July 2.

COURSES AND DEGREES [N.B. CEGEP represents the initials for "Collège d'enseignement général et professionnel" (college of general and vocational education).]

AGRICULTURE

Faculty of agriculture

Bachelor of science in agriculture [BSc(Agr)]. Three years post CEGEP or equivalent. Major areas of study: agricultural sciences (agricultural economics, animal science, general agriculture, plant science, soil science); biological sciences (botanical sciences, zoological sciences, environmental biology, microbiology); renewable resources development (wildlife resources, environment conservation, public service and administration, resource economics and management, community resource development, agricultural land planning development).

Bachelor of science in agricultural engineering [BSc(AgrEng)]. Three years post CEGEP or equivalent.

Diploma in agriculture. Two years after graduation from high school. Mature students also considered. Training in modern agricultural practice.

Faculty of graduate studies and research

Master of science (MSc). At least one year from a BSc(Agr) or BSc(AgrEng). Offered in agricultural chemistry, agricultural engineering, agronomy, animal science (animal genetics, animal pathology, animal physiology and nutrition), biochemistry, entomology, horticulture, microbiology, parasitology, plant pathology, soil science, wildlife biology, and woodlot management.

Master of arts (MA). At least one year after BSc, offered in agricultural economics.

Doctor of philosophy (PhD). At least two years from MSc. Offered in agricultural chemistry, agricultural engineering, agronomy, animal science (animal genetics, animal pathology, animal physiology and nutrition), biochemistry, entomology, microbiology, parasitology, plant pathology, and soil science.

ARCHITECTURE

School of architecture, faculty of engineering

Bachelor of science (architecture) [BSc(Arch)]. Three years post CEGEP or equivalent.

Bachelor of architecture (BArch). Four years post CEGEP or equivalent or a minimum of one year after BSc(Arch).

Faculty of graduate studies and research

Master of architecture (MArch). At least one year from BArch. Offered in architectural design, housing design and urban planning.

ARTS

Faculty of arts

Bachelor of arts (BA). Three years post CEGEP or equivalent in honors, major and faculty courses in descending degree of specialization. Honors in anthropology, art history, classics, economics, English, French, geography, German, history, Italian, Jewish studies, linguistics, mathematics, philosophy, political science, psychology, Russian, sociology, Spanish, and certain paired combinations of these subjects.

Majors in art history, anthropology, classics, economics, English, French, French Canada studies, geography, German, history, Italian, Jewish studies, linguistics, mathematics, philosophy, political science, psychology, religious studies, Russian, sociology, or Spanish.

Interdisciplinary major in African studies, Canadian studies, classics and linguistics, French-Canadian studies, East Asian studies, humanistic studies, industrial relations, Latin American studies, modern languages, modern literature, North American studies. Faculty programs in mathematics and philosophy, psychology and mathematics, psychology general.

Faculty of graduate studies and research

Master of arts (MA). At least one year from BA. In most departments an honors BA is required. Offered in anthropology, art history, classics, economics, education, English, French, geography, German, history, Islamic studies, Italian language and literature, linguistics, mathematics, philosophy, political science, psychology, religious studies, Russian, sociology, or Spanish.

Doctor of philosophy (PhD). At least three years from bachelor's degree or two years from master's degree. Offered in anthropology, art history, classics, economics, English, French, geography, German, history, Islamic studies, linguistics, mathematics, philosophy, political science, psychology, religious studies, Russian, sociology or Spanish.

Business, see management

DENTISTRY

Faculty of dentistry

Doctor of dental surgery (DDS). Four years post CEGEP or equivalent or two full years in a four-year program leading to the BSc or BA degree or equivalent.

Faculty of graduate studies and research

Diploma in restorative dentistry and prosthodontics. One year after DDS or equivalent degree.

Divinity, see religious studies

EDUCATION

Faculty of education

Bachelor of education (BEd). Three years post CEGEP or equivalent. Graduates qualify for the interim teacher's certificate from the Quebec Department of Education. Available in early childhood, later childhood, or secondary school teaching subjects. Also available in elementary education through evening and summer courses.

McGill diploma in education. One year after university degree. Graduates qualify for the interim teacher's certificate from the Quebec Department of Education. Available in early childhood, later childhood, or secondary school teaching subjects or as music specialists.

One-year certificate in education. One year post CEGEP or equivalent. For early childhood, later childhood and technical-vocational education or business education specialists. Graduates qualify for the interim teacher's certificate from the Quebec Department of Education.

Faculty of graduate studies and research

Master of arts in education (MA). After undergraduate degree of minimum of second-class standing plus McGill diploma in education or equivalent, or BEd degree or equivalent. Not less than two years of full-time study or the equivalent in summer school and part-time work. Thesis is required. Offered in social foundations of education, counsellor education, educational administration, educational psychology, and physical education.

Master of education (MEd). After undergraduate degree of minimum of second-class standing plus McGill diploma in education or equivalent, or BEd degree or equivalent. Not less than two years of full-time study. Internship or other practical experience required. Offered in counsellor education, educational administration, special education, teaching of reading, and teaching subjects.

Doctor of education (DEd). After MEd (counsellor education) or equivalent degree: minimum of two years of full-time study, plus

summer school between the two academic years. Offered in counsellor education.

ENGINEERING

Faculty of engineering

Bachelor of engineering (BEng). Three years post CEGEP or equivalent. Specialization in chemical, civil, electrical, mechanical, metallurgical, mining engineering and applied geophysics. Special honors courses in electrical and mechanical engineering.

Faculty of graduate studies and research

Diploma in engineering aspects of arid land development. One year from undergraduate degree.

Master of engineering (MEng). At least one year from BEng. Offered in chemical, civil, electrical, mechanical, metallurgical, and mining engineering and applied geophysics.

Master of engineering (mining) [MEng(Mining)]. At least one year after the graduate diploma or at least two years from BEng. Dissertation required.

Master of science (MSc). At least one year from bachelor's degree. Offered in computer science, electrical communication, fluid mechanics, metallurgy, mining engineering and applied geophysics.

Doctor of philosophy (PhD). At least three years from bachelor's or two years from master's degree. Offered in chemical, civil and applied mechanics, computer science, electrical, electrical communications, mechanical, metallurgical, and mining engineering and applied geophysics.

Centre for continuing education. Graduate diplomas in chemical, civil, electrical, mechanical and mining engineering. No thesis required. Evening classes.

FOOD SCIENCE

School of food science, faculty of agriculture

Bachelor of science in food science [BSc(FSc)]. Three years post CEGEP or equivalent. Major area of study: food and consumer sciences (consumer education and home economics, dietetics, nutrition, food biochemistry, food management, food technology, general food and consumer sciences).

LAW

Faculty of law

Bachelor of civil law (BCL). Three years after completion of BA degree or after CEGEP or equivalent; or one year after LLB degree.

Bachelor of laws (LLB). Three years after completion of BA degree or one year after BCL degree.

Faculty of graduate studies and research

Diploma in air and space law. One session after completion of BCL degree or equivalent professional standing. No thesis required.

Master of civil law (MCL). At least one year after completion of BCL degree.

Master of laws (LLM). Two years or sometimes one year after completion of first degree in law. Offered in air and space law and comparative law.

Doctor of civil law (DCL). Three years after first degree in law.

LIBRARY SCIENCE

Graduate school of library science, faculty of graduate studies and research

Master of library science (MLS). Two years following bachelor's degree.

MANAGEMENT

Faculty of management

Bachelor of commerce (BCom). Three years post CEGEP or equivalent. General; honors courses in economics, economics and political science, or economics and accounting; major courses in economics, industrial relations, mathematics or psychology.

Faculty of graduate studies and research

Master of business administration (MBA). At least two years after BA, BSc, BEng, BCom, etc.

Master of commerce (MCom). Two years from BCom. One year of full-time study and one year in a chartered accountant's office.

Centre for continuing education

Diploma in management. At least three years after BA, BSc, BEng, BCom, or BCL. Evening classes.

MEDICINE

Faculty of medicine

Doctor of medicine and master of surgery (MD, CM). Five years post CEGEP or equivalent. The first of the five is a preparatory year with further studies in physical and biological sciences and humanities.

Faculty of graduate studies and research

Master of science (MSc). At least one year from MD. Offered in anatomy, biochemistry, epidemiology and health, experimental

medicine, experimental surgery, human communication disorders, microbiology and immunology, neurology and neurosurgery, otolaryngology, pathology, pharmacology and therapeutics, physiology, psychiatry, and diagnostic and therapeutic radiology.

Master of science (applied) [MSc (Appl)]. At least two years from bachelor's degree. Available in human communication disorders.

Doctor of philosophy (PhD). At least three years from MD or two from master's degree. Offered in anatomy, biochemistry, epidemiology and health, experimental medicine, experimental surgery, human communication disorders, microbiology and immunology, neurology and neurosurgery, pathology, pharmacology and therapeutics, and physiology.

Graduate diploma in medicine. Four years following MD degree and one year's internship. Offered in anesthesia, neurology, psychiatry, radiology and urology. Five years following MD degree and one year's internship for neurosurgery.

Graduate diploma in epidemiology, one year from medical or dental degree.

MUSIC

Faculty of music

Licentiate in music (LMus). Three years after high school leaving for instrumentalists and singers who are able to pass a special audition at advanced level and who wish to concentrate on the practical subject of their choice while limiting their theoretical studies to basic areas in history of music, theory and ear training.

Concert diploma. Two-year post-licentiate or equivalent course for specially gifted instrumentalists and singers who are able to pass a special audition. Offered in cello, clarinet, flute, harpsichord, organ, piano, saxophone, viola, violin, and voice.

Bachelor of music (BMus). Three years post CEGEP or equivalent and special McGill entrance examinations in practical and theoretical subjects in music. Major courses in composition, history and literature of music, performance, school music, and theory.

Faculty of graduate studies and research

Master of musical arts (MMA). Two years from BMus. Offered in either composition, musicology or theory.

NURSING

School for graduate nurses, faculty of medicine

Bachelor of nursing (BN). Two years from hospital training school diploma in nursing provided the candidate has full senior matriculation or equivalent. Preparation for careers in nursing education or in supervision of nursing services in hospitals and public health agencies. May also be taken through evening courses over three years.

Bachelor of science in nursing [BSc(N)]. Three years post CEGEP or equivalent. Students are prepared for positions in hospitals and public health agencies.

Faculty of graduate studies and research

Master of science (applied) [MSc(Appl)]. Two years from BN. Designed to prepare the specialist in nursing.

Master of nursing (teaching) [MN(Teaching)]. One calendar year from BSc(N). Open to highly qualified graduates of the basic nursing university program. Prepares teachers of nursing.

PHYSICAL AND OCCUPATIONAL THERAPY

School of physical and occupational therapy, faculty of medicine

Bachelor of science in occupational therapy [BSc(OccTher)]. Three years post CEGEP or equivalent.

Bachelor of science in physical therapy [BSc(PhysTher)]. Three years post CEGEP or equivalent.

RELIGIOUS STUDIES

Faculty of religious studies

Bachelor of theology (BTh). Three years post BA or post CEGEP or equivalent.

Faculty of graduate studies and research

Master of arts (MA). Two years post BA or BTh.

Doctor of philosophy (PhD). At least three years after BTh. Specialization in church history, New Testament, Old Testament, philosophy and psychology of religion, and historical theology, including theological ethics.

Science, applied, see engineering

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). Three years post CEGEP or equivalent in honors, major and faculty courses in descending degree of specialization. Honors in anatomical sciences, biochemistry, biology (animal behavior, cell biology, ecology, human genetics, marine biology, neurobiology and comparative physiology, and plant science), chemistry, crystallography, geography, geological sciences, mathematics, meteorology, physics and psychology. Majors in anatomical sciences, biology (animal behavior, cell biology, ecology, human genetics, marine biology, neurobiology and comparative physiology, and plant science), chemistry, crystallography, geography, geological sciences, mathematics, meteorology, microbiology and immunology, physics, physiology and psychology.

Faculty programs in anatomical sciences, biochemistry (chemical orientation), biochemistry (biological orientation), biogeography, biology (general), chemistry (bioanalytical or geoanalytical),

chemistry and biological sciences, chemistry and physics, chemistry (inorganic/analytical), chemistry (radioanalytical), climatology, dynamics of the oceans and atmosphere, earth physics, geomorphology, hydrology, marine geology, mathematics, mathematics and biology, mathematics and chemistry, mathematics and physics, mathematics and psychology, microbiology and immunology, paleobiology, psychology (general), psychology (general experimental), quaternary studies.

Faculty of graduate studies and research

Diploma in geological sciences. One year from bachelor's degree.

Master of science (MSc). At least one year from bachelor's degree; in most departments an honors BSc is required. Offered in anatomy, biochemistry, biology, chemistry, computer science, crystallography, geography, geological sciences, geophysics, glaciology, marine sciences, mathematics, meteorology, microbiology and immunology, physics, physiology, and psychology.

Master of science (applied) [MSc(Appl)]. At least two years from bachelor's degree. Offered in geological sciences (mineral exploration) and psychology. No thesis required.

Doctor of philosophy (PhD). At least three years from bachelor's degree or two years from master's degree. Offered in anatomy, biochemistry, biology, chemistry, computer science, geography, geological sciences, marine sciences, mathematics, meteorology, microbiology and immunology, pharmacology, physics, physiology and psychology.

SOCIAL WORK

Faculty of arts

Bachelor of social work (BSW). Three years post CEGEP or equivalent.

School of social work, faculty of graduate studies and research

Master of social work (MSW). At least one year after BSW.

Diploma in advanced social work practice. One year after MSW.

Academic credit transfer agreement. Regular full-time undergraduate students (first cycle, i.e., bachelor's degrees in architecture, arts, law, commerce, education, engineering, music, nursing, occupational and physical therapy, science, agriculture, food science, and theology) and regular graduate students (second and third cycles) registered at McGill may, with the written permission of the dean of their faculty, register for up to 40% of a full course load in each academic year at one or more of the following Montreal universities: Sir George Williams University, Université de Montréal, and Université du Québec à Montréal. These courses, weighted, graded, and successfully completed according to the standards of the university giving the courses, will be fully recognized by McGill for the purpose of the degree for which the student is registered. Students wishing to take advantage of this agreement should consult their dean for details, and are informed that this agreement is subject to the following conditions: i) that the other universities concerned may, at their discretion, refuse the registration of a student for any of its courses or program; ii) that

the obligation of the student to follow the curriculum laid down by McGill is not affected; iii) that the student is responsible for ensuring that his timetable at McGill permits him to take courses at any of the other universities concerned; iv) that the universities concerned are not responsible for special arrangements in cases of examination timetable conflicts. Any student taking advantage of these provisions will not pay extra fees to the university, other than McGill, from which he takes a course. The director of finance will, upon receiving the dean's authorization, provide a student with a letter accepting McGill's obligation to make a fee transfer to the university where the course is being taken.

EXTENSION PROGRAMS

For university credit

Evening classes — some advanced courses in civil, electrical and mechanical engineering for credit toward the MEng degree or the graduate diploma in engineering. A series of courses in management and business administration is available leading in three years to a diploma in management. Candidates must be graduates with BA, BSc, BEng, or BCL. A program of evening combined with summer courses leading to the BEd degree in elementary education is also offered.

Summer session — the six-week summer session curriculum includes a wide range of undergraduate courses in arts, science, management, education, and engineering, as well as a number of courses at the graduate level, particularly in education and religious studies.

For no university credit

Diploma and certificate courses not requiring matriculation — English-French, French-English translation courses leading in three years (minimum) to a diploma. Courses leading to the certificate of proficiency in English, French, German, Italian, Russian and Spanish are also offered.

Courses at the university level — courses in engineering subjects (mathematics, mechanics, strength of materials, hydraulics, and occasionally others at a higher level). Accountancy courses in preparation for the CA, CGA, and RIA examinations. Courses for certificates in administration, insurance, marketing, retail, systems design and transportation management. Courses for the ACIS and FCIS (Chartered Institute of Secretaries). A certificate for pathologists trained in cytology and a certificate for technicians in diagnostic cytology are also offered.

Miscellaneous courses — a number of popular courses are offered (e.g., appreciation of art and of music, introduction to English literature, philosophy, psychology, sociology, etc.) for which no academic prerequisite is specified. Also a number of technical and semi-technical courses are offered for the benefit of particular groups as a community service.

Summer courses — evening course in French, English, accountancy, and management. Day seminars in executive and staff development and industrial relations.

SPECIAL PROGRAMS African studies program, Canadian studies program, French Canada studies program, school of human communication disorders, North American studies program,

urban studies program, biomedical engineering unit, Brace research institute, centre for developing area studies, aviation medical research unit, East Asian studies, Jewish studies program, environmental issues (biology and social change), intensive agriculture and water pollution research project, MA and PhD programs in communications. Other programs are also available through research institutes (see below).

RESEARCH INSTITUTES, CENTRES AND PROGRAMS The institutes and similar groups listed below carry out research and teaching in a number of specialized fields. In most of them facilities are available for qualified students who wish to take higher degrees.

Allan Memorial Institute of Psychiatry. A psychiatric institute for teaching, research, and treatment. McGill University undertakes responsibility for the training and teaching facilities, and the Royal Victoria Hospital for the clinical work. Teaching covers both undergraduate instruction and advanced postgraduate training. Research facilities are provided for clinical and laboratory studies of clinical conditions and biochemical, physiological and psychological study of various aspects of behavioral disorders in animal and man. Director — Dr. M. Dongier.

Anaesthesia Research Department. Electrophysiological and neurochemical studies on synaptic transmission in the brain: the aim is to identify the naturally occurring chemical transmitter and receptor substances and to analyze their modes of action. Director — Professor K. Krnjevic.

Anthropology of Development Program. The program co-ordinates and furthers research and teaching on the process of socio-economic development as it affects small communities in the Canadian North and in low-income countries. Director — Professor R.F. Salisbury.

Arctic Institute of North America. An international organization, the Montreal office (and headquarters) of which has occupied space since 1945 provided by McGill University. It fosters research in all scientific disciplines both natural and social, on northern North America, and maintains a reference library, a map collection, and a small museum. It publishes Arctic, Northern Research Survey and a newsletter, and assists graduate students in northern studies. Director, Montreal Office — Kenneth de la Barre.

Aviation Medical Research Unit. The unit deals with physiology of orientation, vision and postural control. Director — Professor Melvill Jones.

Bellairs Research Institute. At this institute, located in Barbados, research is conducted in marine biology, geology, geography and tropical climatology. Director — Professor Finn Sander.

Biomedical Engineering Unit. The Biomedical Engineering Unit operates both in the faculties of engineering and medicine to carry out research and to train graduate students. Its work concentrates especially on neuromuscular control systems, sensory and neural communication theory, eye movements and electronystagmography, auditory system, hospital information and health systems. Director — Professor J.H. Milsum.

Brace Research Institute. This institute is concerned with the desalination of sea water, and the development of arid lands. It maintains field research projects throughout the West Indies, where experimental facilities are available for desalination and wind and solar energy. It offers a graduate diploma course in

"engineering aspects of arid land development", and collaborates with other engineering departments at McGill in research problems of mutual interest. Director — Professor T.A. Lawand.

Centre for Developing Area Studies. The centre attempts to co-ordinate research and graduate study on development topics, especially in the social sciences but is also concerned with the role of the applied sciences in development. It organizes workshops and seminars, operates a publications program and assists faculty and graduate students in obtaining research funds and fellowships. Director — Professor T.L. Hills.

Centre for East Asian Studies. Since 1968, the Centre for East Asian Studies has been acting as a co-ordinating entity in the stimulation of courses, acquisition of library and promoter of the department of East Asian languages and literatures. The framework within which all of these activities are pursued is the humanistic tradition of scholarship with primary emphasis on the modern period in both China and Japan. Director — Professor P.T.K. Lin.

Centre for Learning and Development. The Centre for Learning and Development was established in 1969 to help improve the learning environment, teaching practices and learning methods at all levels of education. At present its activities focus on university education and include dissemination of relevant information, consultation, workshops, and research. Director — Professor M.L. Goldschmid.

Dairy Herd Analysis Service — (livestock population genetics). Research in the dynamics of domesticated livestock populations with particular emphasis on the physiological and environmental factors that affect the estimation of the relative genetic merit of individual and groups of animals. Director — Professor J.E. Moxley.

Financial Research Institute. The institute maintains stock market, fundamental and economic computerized data files and accessing languages for the use of its corporate and university members. President — Richard Hamilton.

Foster Radiation Laboratory. Research interests include charged particle induced reaction studies using 100 MeV cyclotron and Tandem van de Graaf accelerators, gamma, beta, delayed proton and alpha decay studies, and the study of isospin property of nuclear states. Acting director — Professor S.K. Mark.

French Canada Studies Program. This program was established in 1963 for the study of French Canada at the undergraduate and graduate levels, by research, and extension and public education programs. It has included in its program the award of fellowships, a large number of research projects, and the improvement of the collection of French Canadiana in the McLennan library. Assistant director — Professor Jean-Louis Roy.

Gastrointestinal Research Institute. The institute was established in 1959 to provide interdisciplinary research facility and graduate education in enterology. The research program correlates different fields, such as botany, zoology, bacteriology, physics, chemistry and clinical investigation, in problems concerning alimentary canal and nutrition. The policy of the institute since its inception is to encourage interdepartmental activity, as well as integrate interdisciplinary research in relation to the digestive system. Graduate students take courses in different departments which are considered necessary for the training in the particular field of research. Consideration will be given to the particular interests and previous

experience of the candidate in the selection of the project, by arrangement with various departments, if these can be integrated into the research program. The special research interests of the institute include: 1) comparative intestinal absorption of metal ions in simple forms of life and higher mammals; 2) preparation of synthetic and naturally occurring polymers for prevention of radiostrontium contamination; 3) structure and physical function of gastrointestinal mucin from different species. Director — Professor Stanley Skoryna.

Gault Estate (Mont St-Hilaire). The estate is a legacy from the late Brig. Hamilton Gault of 2,200 acres of forested mountain and is protected as a federal bird sanctuary. One thousand acres on the eastern shore of Lake Hertel are used for field research in the natural sciences or in allied studies. Accommodation for up to 32 persons is available in the laboratory-dormitory complex and Gault house serves as a conference centre for day-long seminars by groups of up to 50 persons. Limited facilities are also available in the cottage. The 1,200-acre western sector provides recreational facilities open to both members of the university and the public. A bilingual nature interpretation program, operated in all seasons by the Mont St-Hilaire nature centre within the Gault estate, offers numerous public activities and co-operates with educational institutions and community organizations in providing a wide range of training and counselling services in ecological studies. Acting warden and director of the nature centre — Alice Johannsen.

Industrial Relations Centre. The centre provides information, evening seminars, research on industrial relations; offers fellowships and research training; publishes newsletters surveying developments in industrial relations in Canada, as well as research reports; maintains a computerized analysis of more than 800 Canadian collective agreements. Membership from the community includes crown corporations and government agencies, industrial firms, hospitals and labor unions. Director — Mrs. Frances Bairstow.

Institute for Mineral Industry Research. Research at this institute consists of rock penetration studies, studies in frozen ground, and all aspects of the mining environment, including dust, ventilation, noise and underground illumination. Director — to be appointed.

Institute of Air and Space Law. The institute provides facilities for advanced study and fundamental research in air and space law and related problems of international law for highly qualified law graduates or others with appropriate qualifications, and also provides an academic organization for fundamental research in these fields. Students may proceed towards the diploma in air and space law, the degree of master of laws or the doctor of civil law. Director — Professor I.A. Vlasic.

Institute of Comparative Law. The Institute of Comparative Law is established within the faculty of law of McGill University as a centre for comparative legal studies providing facilities for graduate work, advanced studies and field research in private and public law. In private law the main emphasis is placed upon the concepts of the civil law systems of continental Europe and Quebec and of the Anglo-American-Canadian common law. In public law special attention is given to comparative constitutional law. Director — Dr. H.R. Hahlo.

Institute of Islamic Studies. McGill University's Institute of Islamic Studies is concerned with the disciplined study of Islamic civilization throughout the scope of its history and its geographical spread. It gives attention to the origins of Islam, to the rise of the civilization in which Islamic faith was the vivifying factor, to the

forces which shaped the civilization and the changes it has undergone. It is also concerned with the contemporary dynamics of the Islamic world as Muslims seek to relate their heritage from the past to the radical situation of modernity. Director – Professor C.J. Adams.

Institute of Parasitology. A co-operative venture of the National Research Council and the university for the study of parasitology in man and animals. It also co-operates with public authorities in the practical applications of parasitology. It accepts qualified students who wish to proceed to the MSc or the PhD degree. The institute is housed at Macdonald College, Ste-Anne-de-Bellevue, near Montreal. Director – Professor K.G. Davey.

Institute of Pathology. The institute is active in a broad research program into the biology of disease. The staff are individual investigators in their field of choice which includes the nature of connective tissue in health and disease, respiratory disease, cardiovascular diseases, liver disease, haematologic disease and cancer. Director – Professor R.H. More.

Jewish Studies Program. This program was established in 1968 on an interdisciplinary basis. The aims of the program include making Jewish culture and thought available to students through courses within several departments as well as to those students who seek a measure of specialization. The program courses fall under two categories – those which are primarily devoted to Jewish material, and those which are secondarily so concerned. An honors BA and a BA with major in Jewish studies are available. Chairman – Professor H.M. Bracken.

Management Development Institute. The Management Development Institute, an ancillary operation of the faculty of management, implements the faculty's policies regarding continuing education for business. It offers courses and seminars designed to help middle and senior management people keep abreast of current developments in analytical and decision-making techniques, and to provide executives with a better appreciation of the integrative problems of general management. Director – Professor R.N. Morrison.

Marine Sciences Centre. The centre is interdepartmental in scope, emphasizing the interdisciplinary nature of the science of oceanography. Excellent laboratory and library facilities are available, and opportunities for field work exist in the Arctic, the Gulf of St. Lawrence, the Canadian eastern seaboard, and at the Bellairs Research Institute in Barbados. Special research interests include the physics of sea ice, the energy exchange between atmosphere and hydrosphere, marine climatology, the dynamics of sea water, marine bacteria, growth and life cycles of marine organisms, marine productivity, marine biogeography and sedimentation. Chairman – Professor M.J. Dunbar.

McGill Cancer Research Unit. McGill University Cancer Research Unit is supported by the National Cancer Research Institute of Canada. Principal field of research is the study of a control of cell division using chemo- and radio-therapeutic agents. Director – to be appointed.

McGill Magnet Laboratory (Longueuil, Que.). This laboratory contains facilities for the production of intense magnetic fields, both continuous and pulsed, for the use of research workers whose scientific programs can benefit from their use. Director – Professor D.R. Stevenson.

McGill Sub-Arctic Research Laboratories, Schefferville, Quebec.

This laboratory at Schefferville in the centre of Labrador-Ungava provides facilities for research in most aspects of the environment. There is a resident director and permanent staff, plus a research group of faculty and graduate students. Director – Professor F.H. Nicholson.

McGill University Project for Deaf Children. This research project begun in 1966, tries to determine methods of identifying deafness in early infancy and evaluating training procedures which can be used in the rehabilitation of young deaf children. The type of research undertaken includes research on prosthetic devices such as frequency transposing hearing aids. Director – Professor Daniel Ling.

Montreal Neurological Hospital and Institute. The Montreal Neurological Institute and Montreal Neurological Hospital provide undergraduate and graduate teaching in neurology, neurosurgery and the basic neurological disciplines, research in both basic and applied sciences related to the nervous system, as well as clinical care for patients with organic diseases and lesions of the nervous system. Director – Professor Theodore Rasmussen.

Morgan Arboretum (Macdonald College). Established in 1947 and located at Macdonald College, the arboretum has 600 acres of woodland devoted to the study of woodlot management and the place of private forestry in the eastern Canadian economy; the study of forest values and their conservation; teaching, research, demonstration, and conservation education. About 100 acres have been planted in reforestation projects involving many coniferous and broad-leaved species. In addition, the arboretum has an excellent collection of specimens of Canadian and foreign trees and shrubs. Curator – Professor J.D. MacArthur.

Phonetics Research Laboratory. Research in acoustic phonetics and speech perception. Spectrographic analysis of speech, production of synthesized speech by means of an electronic vocal analog. Languages investigated include English, French, Cree, Mohawk, Czech, Hungarian. Director – Professor André Rigault.

Pulp and Paper Research Institute of Canada. Separately incorporated non-profit research organization affiliated with McGill University and also with the Canadian Pulp and Paper Association and the Canadian Department of Forestry but with its own board of control. Supported by Canadian pulp and paper technology, including woodlands research, mechanical and chemical pulping, paper making, process control, product quality and environmental pollution. Also provides facilities to graduate students working in various departments of McGill University on research projects of interest to the pulp and paper industry. Director – Dr. Pierre Gendron.

School of Computer Science. The School of Computer Science in the faculty of engineering concerns itself with a broad range of activities associated with the design, operation and application of computer facilities. Specialization in these areas is offered only at the postgraduate level following undergraduate studies in engineering, mathematics or certain branches of science. Director – Professor George Marsagua.

Shastri Indo-Canadian Institute. McGill University is a founding member of the Shastri Indo-Canadian Institute, a co-operative, voluntary organization, incorporated in Ottawa, whose members are the National Library and Canadian colleges and universities with an interest in Indian studies. Its objectives are to enhance the mutual understanding between India and Canada by supporting

and promoting development of Indian studies at Canadian institutions of higher learning. This is presently being done by the provision of fellowships for persons residing in Canada to conduct scholarly research in the humanities and social sciences and by the acquisition of Indian publications for scholarly use in Canada. Executive director — Professor R.W. Stevenson.

Social Sciences Statistics Laboratory. The laboratory is intended to promote quantitative research and teaching by members of the departments of anthropology, economics, political science and sociology. At present efforts are being directed towards facilitating the use of the computer centre facilities at McGill. The laboratory's facilities include a programmer, system of computer programs, and a data bank. Director — Professor Raymond Yong.

CONSTITUENT COLLEGES Macdonald College, Ste-Anne-de-Bellevue, Que., (postal address: Macdonald College 800, Que.). Vice-principal: A.C. Blackwood, MSc, PhD. Founded in 1907 by Sir William Macdonald. Residential college composed of faculty of agriculture (co-educational), and school of food science. Institute of parasitology, attached to faculty of graduate studies and research, also at Macdonald College.

Royal Victoria College, 3425 University St., Montreal, Que. Warden: Donna Runnalls, BA, BD, PhD. Main building (Hurlbatt wing) erected in 1899 under terms of endowment created by the Rt. Hon. Baron Strathcona and Mount Royal for the education of women at McGill. A west wing (Vaughan) was added in 1930-31 and an east wing in 1948-49; the Muriel Roscoe wing was opened in 1964. Main building and east wing now house the faculty of

music and called the Strathcona music building. West wing and Roscoe wing accommodate 225 women students. All women undergraduates of McGill are members of the college whether they are in residence or not, and women's activities centre in it. Not a teaching college.

AFFILIATED COLLEGES The Montreal Diocesan Theological College, 3473 University Street, Montreal, Quebec. Principal: Rev. Monroe Peaston, MA, BD, ThD. Anglican. For men only but women may be ordained as deaconesses of the Anglican Church. Founded in 1873. Residential accommodation for 34 men students. There are also 13 apartments for married students. Offers courses in theology leading to a certificate for ordination granted by the college, and courses leading to the degree of bachelor of theology (BTh), which is awarded by the university.

The Presbyterian College, Montreal, 3495 University Street, Montreal, Quebec. Acting principal: Rev. Ritchie Bell, BD, DD, DCL. Presbyterian. Co-educational. Established in 1865. Offers course in theology leading to the diploma of the college and a professional-year certificate. The degree of bachelor of theology (BTh) is awarded by McGill University. Residential accommodation for 35 single students.

The United Theological College of Montreal, 3473 University Street, Montreal, Quebec. Principal: J.A. Boorman, BA, MA, PhD. United Church. Co-educational. Founded in 1926. Offers courses in theology leading to a certificate for ordination granted by the college, and courses leading to the degree of bachelor of theology (BTh), which is awarded by the university.

McMASTER UNIVERSITY*

Hamilton 16, Ontario

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Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – L.T. Pennell, PC, BA, LLB, LL.D. President and vice-chancellor – A.N. Bourns, BSc, PhD, DSc, FRSC, FCIC. Vice-president academic (arts) – W.F. Hellmuth, BA, PhD. Acting vice-president academic (health sciences) – J.F. Mustard, MD, PhD, FRCPCan. Vice-president academic (science and engineering) – to be appointed. Vice-president administration – D.M. Hedden, BSc.

GENERAL INFORMATION McMaster University is non-denominational, co-educational and is governed by a board of governors and a senate.

BACKGROUND Named after Senator William McMaster, who bequeathed substantial funds to endow a Christian school of learning, McMaster University was established by an act of the Ontario legislature in 1887. From then until 1957 it was governed by the Baptist Convention of Ontario and Quebec. Teaching

began in Toronto in 1890, and the first degrees were conferred in 1894.

The university moved to Hamilton in 1930. In 1948 it was reorganized into three colleges: Divinity College; University College (arts); and Hamilton College (science) which was non-denominational and operated under its own board of governors as an affiliated college. In 1957 the Baptist Convention withdrew from legal control of the university, and the university and Hamilton College became one, non-denominational corporation. McMaster Divinity College was at the same time incorporated as an affiliated theological college.

In 1967 the constituent colleges were dissolved and replaced by a divisional structure composed of the divisions of arts, science and engineering, and health sciences. The division of arts was divided into three faculties: business, humanities and social sciences. The division of science and engineering is composed of two faculties: science and engineering; and the division of health sciences consists of the faculty of medicine. These revisions were implemented during the academic year 1967-68.

BOARD OF GOVERNORS The board consists of 32 members: the chancellor, the president and the vice-chairman of the senate (ex officio); 18 elected by the board; one elected by trustees of McMaster Divinity College; four elected by alumni association; six elected by and from the faculty members on senate. The board's authority extends to the government, management and control of the university, its property and finances.

SENATE The senate consists of 69 members: the chancellor,

*Ordinary member, AUCC.

the president (chairman), vice-presidents, senior deans of faculties, dean of graduate studies, dean of school of adult education, principal of Divinity College, university librarian, director of student affairs (ex officio); six members elected by and from the board; four members elected by alumni association; six students of the university; 34 members elected by and from the full-time faculty; the registrar of the university (non-voting). Senate authority is on academic matters.

INCOME (1970/71) Total, \$42,620,000 (endowment 0.4%; government grants, provincial 58.1%; municipal 0.4%; research funds 16.7%; fees 11.1%; sundries 2.7%; ancillary enterprises 10.6%).

PUBLICATIONS President's report; calendars; bulletins of school of adult education; McMaster alumni news; staff and student directories; Contact (weekly); McMaster gazette (monthly); McMaster in the '70's (quarterly); McMaster minutes (monthly); Journal of the Bertrand Russell archives (quarterly). Undergraduate: The Muse (quarterly); Silhouette (weekly); Marmor (annually).

Calendars and brochures — principal calendars: arts and science; school of nursing; faculty of engineering; faculty of medicine; school of graduate studies; school of adult education; Divinity College. Calendars and several brochures are available on request from the associate registrar, (liaison and awards). Write c/o office of the registrar.

ACADEMIC YEAR September to May: 2 terms totalling about 30 weeks (15 in each). Summer session: 6-week session from about July 1 to August 9.

BUILDINGS AND GROUNDS Hamilton (population about 300,000) is situated on Lake Ontario and is the gateway to the Niagara peninsula. It is the second largest city in Ontario (fifth largest in and the industrial centre of Canada, containing 750 industries) and the largest Canadian inland port on the Great Lakes Seaway. The university occupies about 250 acres in west Hamilton, its lands being bordered by tracts of parkland forming part of the extensive acreage of the Royal Botanical Gardens. There are 37 buildings on campus, including the new health sciences centre and student residences. Research labs in all science and engineering departments house in physical sciences, senior sciences, general sciences, life sciences, psychology, engineering, applied dynamics, nuclear research and accelerator buildings. Nuclear reactor and accelerator provide facilities for work in nuclear science and engineering research, greenhouses provide facilities for work in botany and biochemistry. Facilities for interdisciplinary research in materials science in senior sciences complex. Data processing and computer centre.

STUDENT RESIDENCES For men: Edwards hall, Matthews hall, Whidden hall and Woodstock hall, accommodation in all, 850 students. For women: Wallingford hall, Moulton hall and Brandon hall, accommodation in all, 750 students. Co-educational residence: McKay hall, accommodation for 125 men and 125 women. Rates: \$1,250 September to May.

LIBRARIES 1,151,820 volumes. Main library (Mills memorial library); health sciences library (health sciences building); science and engineering and map libraries (physical sciences building). University library also serves as library for McMaster Divinity College. The library is a depository for Canadian, British and some U.S. government documents, and has been one of three depository libraries in Canada for atomic energy documents. Special

collections and archives: Bertrand Russell archives; 18th-century English and European imprints (including the Barry Brown collection); Caselli Italian collection; Anglo-Irish collection; Samuel Beckett; Canadian radical archives; Canadian union of students files; manuscripts and correspondence (Pierre Berton, Vera Brittain and Sir George Catlin; Anthony Burgess; John Robert Colombo; John Coulter; Gabriel Fielding; Judy LaMarsh; Margaret Laurence; David McFadden; Farley Mowat; Peter Newman; John Winter).

STUDENT LIFE Student services include guidance and counselling services, chapel, Catholic, Jewish and Protestant chaplains, overseas student office, student health service, student housing service, student placement service and food service on campus.

MEDICAL SERVICES Daily office hours on campus Monday-Friday throughout session by medical officer; registered nurse on duty 24 hours, 7 days a week, also 12-bed infirmary for short-term illnesses or accidents; located in south wing of McKay hall — ground floor.

STUDENT COUNSELLING SERVICES Wide range of counselling and psychological services available to students with difficulty in private lives, relationships with others and educational goals. Individual and group counselling approaches employed, also serves as an administration centre for qualifying tests such as graduate record examination, Miller analogies test, medical college admission test and admission test for graduate study in business.

UNIVERSITY BOOKSTORE Wide range of textbooks and reference material recommended by faculty, also stocks 12,000 titles in paperback editions. Also stocks stationery and supplies, magazines, art prints, crested giftware, jewelry, greeting cards and other items. Books not in stock may be specially ordered. Discount on books and charge account arrangements available to full-time staff on presentation of university I.D. card. Student charge accounts may be opened after registration in fall.

STUDENT EMPLOYMENT Operated by Canada Manpower Centre in conjunction with the university, concentrates mainly on placement of graduating students. Will assist in finding summer jobs and part-time employment for undergraduates.

STUDENT UNION McMaster Student Union — all undergraduate members. Governing bodies — student executive council and student representative assembly. SEC consists of eight members, five elected on campus-wide constituency. Members of SRA elected from their respective faculties. Objectives: to foster activities and events which will enhance the experience of the members and contribute to university life as a whole.

GRADUATE STUDENT ASSOCIATION Union of Graduate Students — incorporated as a non-profit corporation on November 13, 1970, to represent all students registered with the school of graduate studies in matters dealing with the university and to promote the welfare and interests of such students in providing social, athletic, and intellectual activities. Students registered with the school of graduate studies are required to pay the annual dues set by the union and these dues must be paid by the students at the time his or her tuition fees are payable. The annual dues are set by the union at its annual meeting and the union dues for the 1971/72 academic year were \$12 per member. This amount is used to support many organizations in which graduate students take an active part and to finance the many activities which the union itself provides.

GRADING SYSTEM Standing is graded as first-class honors (I): 75-100%; second-class honors (II): 66-74%; third-class honors (III): 60-65%; credit(c): 50-59%; failure(F): below 50%.

The experimental program in the faculty of social sciences only will assign grades as follows: first-class grade; second-class grade; pass; fail.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Entrance scholarships for Canadian students – three scholarships, value \$2,500 each; for Ontario students, General Motors scholarship \$4,000; Dofasco scholarship \$2,800; Spectator scholarship \$2,800; Association of Professional Engineers' Scholarship \$500; 18 McMaster scholarships \$2,500 each; also a number of entrance scholarships \$400 each. Also: Ontario student awards program, Canada student loans plan, C.I.D.A. assistance programs for non-Canadian students. The Ivor Wynne residence memorial program and academic awards.

FINAL EXAMINATIONS In regular day and evening courses final exams are held in April and May. At the discretion of the faculty concerned, final exams may be held in December in courses terminating in the first term. Supplemental exams are permitted upon application but if granted must be written in the next regular examination period, or permission will be revoked. Fees of \$20 per exam must accompany application.

GRADUATION Two convocations – May and November. All degrees conferred by the chancellor.

FEES AND COSTS (1972/73) Undergraduate fees – (arts): general, honors, make-up year, \$637.50; commerce and business, \$632.50; fine and applied arts, \$632.50; music, \$642.50; physical and health education, \$642.50; social work, \$632.50. (Science): general, honors, major and make-up year, \$647.50; engineering, \$702.50. (Health sciences): medicine, \$1,170; nursing, \$622.50.

Fees cover tuition, campus health care services, student organization, athletics, laboratories, registration, library, examinations, and diplomas. The preceding fees do not cover Ontario Health Insurance Plan which is the personal responsibility of the student.

Miscellaneous fees. Tuition fee for partial students (taking less than 26 units) and fee for extra courses per unit: 6 units \$130; 4 units \$87. Incidental fee for partial students, includes insurance and campus health service – \$7.50. M.S.U. fee for partial students, per unit – .75. Official certificate of standing – \$1. Supplemental examination: written on campus, per paper – \$20; at outside centre, per paper – \$30. Late registration fee (returning students after July 1, 1972) – \$25. Late registration fee per day (new students) – \$3. Graduation pin BScN course – \$15.

Residence fees – room and board (2 meals per day, 5 days per week, no weekend meals, no breakfast) – \$1,025.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Educational level equivalent to full Ontario honor graduation diploma (grade 13) in appropriate subjects; principal's report and recommendation with school record. Students at CAAT's may be admissible; write to the associate registrar (admissions).

2. Tests for admission. SACU test scores are required.

3. Specific requirements. Business – English, two of biology, chemistry, geography, history, language other than English, mathematics, physics, plus options. Grade 12 mathematics required; grade 13 mathematics strongly advised. Humanities – English, another language plus options. Natural sciences – chemistry and at least two credits in mathematics, physics, minimum weighted average 60% plus options; three credits, mathematics strongly recommended for applied chemistry, applied physics, applied mathematics, biochemistry, chemistry, geology, mathematics, metallurgy or physics; biology recommended for biology. Nursing – either chemistry, at least two credits in mathematics, physics, minimum weighted average 60% plus options; or chemistry, two of English, another language, at least two credits in mathematics plus options (limited enrolment). Social sciences – three of biology, chemistry, English or français, geography, history, a language other than English or français, mathematics, physics plus options.

Foreign students

UK and Commonwealth – GCE in five subjects, at least two at A level appropriate to faculty specifications. USA – academic high school graduation and satisfactory standing in one year of accredited college or university work and in subjects appropriate to faculty specifications. Other countries – official or certified copies of diplomas equivalent to Ontario honor graduation; certificates in languages other than English should be accompanied by notarized English translations. Satisfactory scores on the University of Michigan English language test are required when mother tongue is not English. Applicants submitting the international baccalaureate will be considered for admission.

Mature students

Applicants must be 23 years of age and must take an aptitude test held in early April and in July and must be considered qualified by a selection committee. Part-time studies are possible in some faculties.

Graduate

1. General requirements for admission to the PhD program. An applicant normally will have received a master's degree. Alternatively he may be reclassified as a PhD student during his master's program. Exceptionally he may be admitted directly from a bachelor's degree. An applicant who holds a master's degree must arrange to have sent official academic transcripts and letters of reference indicating distinction (normally at least an upper second-class standing) in his previous academic work. In certain cases the department may request him to submit additional information.

Not sooner than two terms after initial registration in a master's program at this university a student, at his request, may be reclassified as a PhD student. After proper review, the department will recommend to the committee on graduate admissions and study one of the following: a) admission to PhD studies following completion of the requirements for the master's degree, including a thesis in those departments requiring it; b) admission to PhD studies without having completed a master's program; c) admission to PhD studies but with concurrent completion of all requirements for a master's degree within one calendar year from the date of reclassification; d) refusal of admission to PhD studies. A

student in b) may at any subsequent time re-register as a candidate for the master's degree. A student in c) who does not complete the requirements for the master's degree within the specified time period will lose his status as a PhD candidate unless he receives an extension of time from the committee on graduate admissions and study.

In certain departments an applicant with a first degree only may be admitted directly to PhD studies if his previous academic record shows sufficient promise (normally first-class standing). He must arrange to have sent official academic transcripts and letters of reference. In certain cases he may be requested by the department concerned to submit additional information. Within one calendar year the progress of each student admitted to PhD studies directly from a bachelor's degree will be reviewed by his supervisory committee and the department. The department then will recommend to the committee on graduate admissions and study one of the following: a) proceed with PhD studies; b) not proceed with PhD studies but re-register as a master's candidate; c) withdraw from the university. A student in a) may at any subsequent time re-register as a candidate for the master's degree. In this case, and also in the case of students in c), the master's degree will not be awarded unless all the requirements for this degree have been met including the submission of a thesis (if necessary) and any special departmental regulations.

2. General requirements for admission to the MA, and MEng programs. Regular master's students — applicant is the holder of an honors bachelor's degree (or equivalent) with at least upper second-class standing in the final two years in the subject in which the applicant proposes to do graduate work, except in a master of engineering program where the requirement is at least second-class standing. Other evidence, such as letters of reference, is also given consideration.

Qualifying students — applicants who hold bachelor's degrees with a good second-class standing in their final undergraduate year but without sufficient specialization to meet the condition of regular admission may be admitted as qualifying students. In arts and science, applications for qualifying status, however, will be considered from mature students who are not honors graduates but who, after some years away from undergraduate work, have developed an interest in the specialized study involved at the graduate level, provided that the applicant can provide strong letters of recommendation or submit other evidence of ability to do graduate work. In engineering, applications for qualifying status will also be considered from mature students who have not achieved second-class standing upon graduation in a bachelor of engineering program.

For admission to the MBA program — the applicant must be a graduate in one of arts, science, commerce and engineering of accredited colleges and universities and, by special permission, to other graduates of these institutions. Applicants must have at least second-class standing in the last two years of their undergraduate work. Consideration may be given to those with slightly lower standing when this seems warranted in the light of subsequent training and experience. Applicants must submit scores in the admission test for graduate study in business (A.T.G.S.B.) administered by the Educational Testing Service, Princeton, New Jersey, U.S.A. 08540. Results of this test will also be considered in determining admissibility. Graduate studies — applicants seeking advanced standing in the MBA program may be required to submit certification of relevant courses taken elsewhere, indicating the number of lectures and laboratories in each, the texts used, the standing or grade achieved and the nature of the course content.

General admission standards apply in the following master's degree programs: biochemistry; biology; biophysics; business administration; chemical engineering; chemistry; economics; geography; German; mechanical engineering (design) and mechanical engineering (research); medical sciences — a) blood and cardiovascular systems, b) growth and development, c) design, measurement and evaluation; metallurgy and materials science — a) materials science, b) metallurgy; metallurgical engineering, physics, political science, romance languages — French language and literature, and sociology. General admission standards apply in the following doctoral degree programs: biochemistry; biology; chemical engineering; chemical physics; chemistry, civil engineering and engineering mechanics; economics; electrical engineering; medical sciences — a) blood and vascular systems, b) growth and development; metallurgy or materials science; physics, political science, and psychology.

3. Specific requirements. Anthropology — for MA — required to have graduated, with at least upper second-class standing, from the honors anthropology or honors sociology program of this university or from an equivalent program of another university. A graduate who does not meet this admission requirement may be admitted as a candidate for the degree upon completion of prerequisite studies prescribed by the department and the committee on graduate admissions and study.

Applied mathematics — (a) MSc degree in computation — admission standards will be in accordance with the normal university requirements. Applicants should normally have taken successfully one course in programming and a further undergraduate course in computation, or the equivalent. Other entrants may be required to take additional qualifying courses. In addition, all entrants should have taken at least two years of calculus and should have attended a course on linear algebra during their undergraduate program. (b) MSc degree in statistics — the student must have an honors bachelor's degree in statistics, mathematics or applied mathematics, or equivalent, with at least upper second-class standing in the final two years. Candidates must have adequate undergraduate knowledge in probability, statistics, mathematical analysis, and linear algebra. Other entrants may be required to take additional qualifying courses.

Chemical physics — for MSc degree — applications for admission will be considered from students holding an honors degree or its equivalent in chemistry and physics jointly or in either one of these subjects.

Civil engineering and engineering mechanics — for the MEng degree — applications from candidates holding degrees in civil engineering mechanics, chemical engineering, mechanical engineering, or science (honors) will be considered by the department for graduate study and research in the areas of departmental interest.

Classics — for the MA in classics — applicants will be considered for admission as regular students if they are graduates with at least upper second-class standing in honors classics, honors Greek (with subsidiary Latin), honors Latin (with subsidiary Greek), or in other approved degree programs that include Greek and Latin. Applicants without sufficient specialization may be admitted as qualifying students. If they complete the required courses with at least upper second-class standing they then become eligible to be considered for admission as regular students. A candidate is required to obtain satisfactory standing in an examination in Greek and Latin sight translation. Satisfactory standing must be obtained in a language requirement examination designed to test his

reading knowledge of either French or German or Italian. A candidate may apply for exemption on the basis of success in an equivalent approved examination in another university.

For the MA in Greek and the MA in Latin — admission requirements are identical with those for the MA in classics, except that a knowledge of Latin, (for Greek) and Greek (for Latin) while desirable, is not requisite. A candidate is required to obtain satisfactory standing in an examination in Greek or Latin sight translation. The modern language requirement is identical with that for the MA in classics.

For the PhD in Roman studies — the admission requirements are identical with those for the MA in classics, but, normally, applicants will not be considered for admission unless they have either taken the McMaster MA (in classics or Greek or Latin) with first-class standing in at least one course or have completed equivalent approved studies at another university or have shown distinction in an approved MA thesis. Applicants whose Greek is inadequate may be allowed to qualify through a preliminary course offered by the department of classics. A candidate is required to obtain satisfactory standing in the following examinations: Latin and Greek sight translation, Latin prose composition or Latin language. A candidate is required to obtain satisfactory standing in the following examinations: Greek and Latin literature (based on a list of prescribed texts), general areas (two to be chosen from Roman history, Roman archaeology, Roman philosophy, Roman religion, Latin philology). A candidate is required to obtain second-class standing in the following examination: Latin authors (two to be chosen from a prescribed list). A candidate is required to obtain satisfactory standing in an examination designed to test his reading knowledge of: German, either French or Italian. A candidate may apply for exemption on the basis of success in equivalent approved examinations in another university.

Electrical engineering — for the MEng in electrical engineering, applications are considered from candidates holding degrees in electrical engineering, engineering physics, engineering science, electronics and radio physics.

Engineering physics — for the MEng in engineering physics, a strong baccalaureate degree with at least second-class standing in engineering, mathematics, or the physical sciences is generally required for admission. Graduate studies beyond the master's degree — the department of engineering physics presently does not offer a degree beyond the MEng. However, all full-time members of the department hold dual and/or associate member appointments in other departments of the faculties of science and engineering which offer PhD programs. Consequently, they can supervise suitably qualified candidates in these programs. Graduates with MEng degree in engineering physics are generally fully qualified for such doctoral studies.

English — for the MA in English, general admission standards apply. An applicant holding a bachelor of arts degree in honors English will usually be recommended for immediate admission without having to satisfy further undergraduate requirements. A graduate of an honors course combining English and another subject may be required to do some additional undergraduate work in English. Graduates of other courses normally take two years to complete the requirements for a master's degree in English. For the PhD in English, general admission standards apply. Normally will have completed an MA degree (or its equivalent) in English either at McMaster or at another university. An MA degree in itself will not necessarily qualify a candidate for admission; it must be an earned degree and equivalent to a first-class McMaster MA degree. Because of different requirements for the MA degree at

different universities (thesis only, courses only, thesis in addition to courses), each candidate will be informed whether or not his particular qualifications are acceptable. In some cases a provisional acceptance may be granted, the candidate being asked to fulfil certain requirements before clear acceptance is granted.

Geography — for the PhD degree in geography, general admission standards apply. The two full courses required beyond the master's degree must include at least one from the "700" series in geography. There is no foreign language requirement except for a candidate who elects to write a dissertation on a Latin American topic, in which case the candidate must demonstrate a reasonable measure of proficiency in Spanish or Portuguese.

Geology — for the MSc in geology, candidates for admission must have adequate preparation in the basic sciences and mathematics and may be required to take undergraduate courses to correct deficiencies. The ability to write good English is an essential prerequisite. Each student will be given an orientation oral examination at the time of enrolment, to help determine his subsequent program. General admission standards apply, with the additional provision that he must demonstrate a reading knowledge of one language other than English suitable to the department.

For the PhD in geochemistry, general admission standards apply. The student will register in the geology department but his program will be scrutinized also by the chemistry department. The comprehensive examination will require defence of a research proposal and completion of one part of the chemistry department core course (chemistry 700) as a prescribed graduate course.

For the PhD in geology — general admission standards apply. In addition he must show evidence of the equivalent of one full year of work in mathematics and sciences other than geology, a level higher than first-year undergraduate. Credit will be given for acceptable work done at other universities. PhD candidates are expected to display proficiency in one or more languages other than English appropriate to research and communication in their particular area.

History — for the MA degree in history, offered in all fields except Asian, African, Latin American, and Russian history. Candidates are admissible as regular students under the general regulations of the school of graduate studies, if they are graduates with upper second-class standing or better of the following honors programs at this university: honors history, honors English and history, honors economics and history and politics, honors history and religion. Graduates of other programs and of degree programs taken in other universities may also be recommended for immediate admission as regular students. An applicant not so qualified may be admitted as a qualifying student in order to complete whatever prerequisite studies are necessary to qualify him for regular status. For the PhD in history, general admission standards apply, and must also have obtained standing in the program of master's studies outlined on pages 112/113 of the school of graduate studies calendar or in equivalent work elsewhere.

Mathematics — for the MSc in mathematics, general admission standards apply. Students accepted with specialization in pure mathematics, mathematical statistics, numerical analysis or statistics. For admission to the specialization in statistics, the student must have an upper second-class honors bachelor's degree or the equivalent with adequate knowledge in probability, statistics, mathematical analysis, and linear algebra. For the PhD in mathematics, general admission standards apply. Students are accepted

for the PhD with research topics in pure mathematics. Must demonstrate a reading knowledge of two languages other than English.

Mechanical engineering – for the MEng in mechanical engineering (production engineering) – general admission standards apply. Will normally be graduates in engineering with at least second-class standing in the last two years of undergraduate work. Graduates in other than engineering may be admitted by special permission. For the PhD in mechanical engineering, general admission standards apply. In addition, the number of courses will be at least five full courses beyond the bachelor's degree or at least two full graduate courses beyond the master's degree. At least three courses must be graduate courses in mechanical engineering or their equivalents. One course must be outside the field of specialization of the candidate.

Philosophy – for the MA in philosophy, prerequisite for admission is a BA degree with at least upper second-class standing in honors philosophy, honors English and philosophy, honors history and philosophy, or honors mathematics and philosophy at this university, or equivalent standing from another university. Other students may be admitted as candidates for the degree upon completion of prerequisite studies prescribed by the department. For the PhD in philosophy (offered jointly with the University of Guelph) – required to have an MA in philosophy from a recognized university. General admission standards apply. Student comes under regulations of the university in which he is "in residence" and his final degree is granted by that university.

Psychology – students not required to complete an MA en route to PhD but may do so if they wish. For graduate study in psychology – must have received from a recognized university either a master's degree in psychology, or a bachelor's degree in honors psychology or its equivalent with at least upper second-class standing.

Religion – for the MA in religious sciences, normal minimum requirement for admission is graduation with upper second-class standing in an honors program which includes religion as a major subject. Graduate in other courses may be admitted, but will be required to take a certain amount of undergraduate work. Depending on the amount of undergraduate work required, such candidates will be admitted as regular or qualifying students. For the PhD in religious sciences, general admission standards apply and student must have obtained satisfactory standing in the work of the master's program, or its equivalent in another university.

Sociology – for the PhD in sociology, general admission standards apply. For admittance directly to the PhD program, applicants must have received from a recognized university a master's degree (normally, a candidate with a master's degree will receive a full year's credit for work done elsewhere) or a bachelor's degree with at least upper second-class standing in an honors program or its equivalent course and will be admitted to the PhD program following successful completion in the MA program of the first year.

COURSES AND DEGREES

ARTS

Faculty of humanities and faculty of social sciences

Bachelor of arts (BA). (a) Pass course, three years from senior matriculation. Available in anthropology, business, classical civilization, economics, English, fine arts, French, geography, German, history, Italian, Latin, philosophy, political science, psychology, religion, Russian, sociology, Spanish. (b) Honors course, four years from senior matriculation. Available in anthropology, classics, economics, English, fine arts, French, geography, German, history, Latin, philosophy, political science, psychology, religion, sociology, Spanish, and combinations of these.

School of graduate studies

Master of arts (MA). A minimum of one year from an honors bachelor's degree. Available in social anthropology, classics, economics, English, French, geography, German, Greek, history, Latin, philosophy, political science, psychology, religious sciences, and sociology.

Doctor of philosophy (PhD). A minimum of three years from an honors bachelor's degree or two years from a master's degree. Available in economics, English, history, philosophy, political science, religious sciences, Roman studies, and sociology.

Business, see commerce below

COMMERCE

Faculty of business

Bachelor of commerce (BCom). Honors degree, four years from senior matriculation.

School of graduate studies

Master of business administration (MBA). A minimum of two curriculum years beyond a bachelor's degree. Available in the school of business in regular session or part-time evening classes.

ENGINEERING

Faculty of engineering

Bachelor of engineering (BEng). Four years from senior matriculation. Available in chemical, civil, electrical, mechanical, and metallurgical engineering, and engineering physics.

Bachelor of engineering and management (BEngM). Five years from senior matriculation. Joint program with faculty of business.

School of graduate studies

Master of engineering (MEng). A minimum of one year from bachelor's degree in engineering. Available in chemical, civil, electrical, mechanical, metallurgical engineering, and production engineering.

Doctor of philosophy (PhD). A minimum of three years from an honors bachelor's degree or two years from a master's degree. Available in chemical, civil, electrical, mechanical and metallurgical engineering.

MEDICINE

Faculty of medicine

Bachelor of science in medicine [BSc(Med)]. A one-year program which may be taken by students transferring to McMaster after three years of an honors science course at another university.

Doctor of medicine (MD). A three-year (thirty-three-month) program following an acceptable bachelor's degree or three years of an honors program.

School of graduate studies

Master of science (medical science) (MSc). A minimum of one year from an honors bachelor's degree in science.

Doctor of philosophy (medical science) (PhD). A minimum of three years from an honors bachelor's degree or two years from the MSc degree.

MUSIC

Faculty of humanities

Bachelor of music (MusBac). Honors degree, four years from senior matriculation. Special admission requirements — performance of two or three varied pieces of candidate's choice, including one from the 20th century. Required standard at least grade VIII (duration 30 minutes); ear tests; short written examination consisting of rudiments; and viva voce and interview.

NURSING EDUCATION

School of nursing, faculty of science

Bachelor of science in nursing (BScN). Four years from senior matriculation.

PHYSICAL EDUCATION

Faculty of social sciences

Bachelor of physical education (BPE). A combined four-year program from senior matriculation leading to BA/BPE degrees.

Science, applied, see engineering

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). (a) Pass course, three years from senior matriculation. Available in biology, chemistry, computer science, geography, geology, mathematics, physics, psychology. (b) Major course, four years from senior matriculation. Available in applied mathematics and computer science, biochemistry, chemistry, geology, mathematics, metallurgy and materials science, and physics. (c) Honors course, four years from senior matriculation. Available in applied chemistry, applied mathematics and computer science, applied mathematics and theoretical physics, applied physics, biochemistry, biology, chemistry, geography, geology, mathematics, metallurgy and materials science, physics, psychology, science and combinations of these.

School of graduate studies

Master of science (MSc). Minimum of one year from an honors bachelor's degree. Available in biochemistry, biology, biophysics, chemical physics, chemistry, computation, geography, geology, materials science, mathematics, medical sciences, metallurgy, molecular biology, physics, and statistics.

Doctor of philosophy (PhD). Minimum of three years from an honors bachelor's degree. Available in biochemistry, biology, chemical physics, chemistry, geochemistry, geography, geology, materials science, mathematics, medical sciences, metallurgy, molecular biology, physics, and psychology.

SOCIAL WORK

School of social work, faculty of social sciences

Bachelor of social work (BSW). A combined four-year program from senior matriculation leading to BA/BSW degrees.

THEOLOGY

McMaster Divinity College

Master of divinity (MDiv). Three years from a bachelor's degree and comprehensive examinations.

Master of religious education (MRE). Two years from bachelor's degree.

EXTENSION PROGRAMS

For university credit

Evening and summer courses — leading to a pass BA with areas of concentration in anthropology, business, classical civilization, economics, English, fine arts, French, geography, German, history,

Italian, Latin (combined subject only), mathematics, music (combined subject only), philosophy, political science, psychology, religion, Russian, sociology, Spanish (combined subject only) – leading to a pass BSc in science. Summer school – courses leading to BA.

For no university credit

Certificate courses not requiring matriculation. Certificates in business, corrections, foremen, manpower development, metallurgy of iron and steel, personnel management, retail administration, and social welfare. Adult education services – a wide selection of courses to meet adult education and community service needs. Calendars available.

SPECIAL PROGRAMS In 1972-73; the faculty of social sciences is continuing its experimental year-I program. Participation in the program requires a student to take 18 units (equivalent to three of his five year-I classes) of work which will involve him in a highly integrated combination of lectures, seminars, tutorials, and individual sessions with a group of faculty members drawn from the social sciences.

RESEARCH INSTITUTES Centre for Applied Research and Engineering Design. An industrially oriented, applied research and design institute established in 1967 which undertakes projects for specific industries on a consultant basis.

Institute for Materials Research. A unit formed to meet the needs of interdisciplinary work in the area of materials research. It has no degree-granting authority.

Research Unit in Biochemistry, Biophysics, and Molecular Biology. The unit offers graduate training in biophysics leading to the MSc degree.

AFFILIATED COLLEGE McMaster Divinity College, Hamilton, Ontario. Principal: Rev. I.C. Morgan, BA, BD, ThM, DD. Baptist. Co-educational. Established in 1957. Has its own board of trustees and senate, the latter awarding certificates and diplomas only. Academic degrees in course and honorary degrees are awarded by the university. Offers courses in theology leading to the certificate in theology, the diploma in divinity, the master of divinity (MDiv), and the master of religious education (MRE).

MEMORIAL UNIVERSITY OF NEWFOUNDLAND*

Elizabeth Avenue, St. John's, Newfoundland

Telephone: 709-753-1200

Cable: main university – MEMORIAL SNF; university library –
MUN LIB SNF

Telex: main university – 016-4101; university library – 016-4677

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – The Hon. G.A. Frecker, BA, BE, LL.D., DPaed, Ddel'U. President and vice-chancellor – The Rt. Hon. The Lord Taylor of Harlow, BSc, MD, FRCP. Vice-president (academic) and pro vice-chancellor – M.O. Morgan, MA, LL.D. Deputy vice-president and dean of arts – L. Harris, BA(Ed), MA, PhD. Assistant vice-president for administration and comptroller – W.H.M. Selby, LLB, FACCA, ACIS.

GENERAL INFORMATION Memorial University is a provincial, co-educational institution; administration is in the hands of a board of regents, while academic matters are in the charge of the various faculty councils and the senate.

BACKGROUND Memorial University of Newfoundland developed from Memorial University College which was founded in 1925 as a memorial to the men of Newfoundland and Labrador

who died in the First World War. During the first ten years of the college, the Carnegie Corporation of New York provided annual grants towards defraying general expenses. Memorial University was established by an act of the provincial legislature in 1949. The first degrees were awarded in 1950.

BOARD OF REGENTS The management, administration and control of the property, revenue, business and affairs of the university are vested in the Board of Regents, consisting of the university chancellor, the president, two members elected by convocation and 19 members appointed by the lieutenant-governor-in-council.

SENATE All matters of an academic character are in general charge of the Senate which is made up of the chancellor, 14 ex-officio members consisting of the president, who acts as chairman; the vice-president (academic), who is deputy chairman; the deputy minister of education, the deans of faculties, the university librarian, the university registrar, with balance of ex-officio members selected by the senate; 27 elected members of the faculty, six elected undergraduate students and two elected graduate students.

INCOME The projected operating income for the fiscal year April 1, 1972 to March 31, 1973 is \$25,478. The percentage breakdown is: student fees 19%; provincial government 71%; sponsored research 9% and from other sources 1%. The university maintains no capital budget.

PUBLICATIONS The university publishes a general university calendar containing all divisions, faculties, general information and graduate studies. There are also special issues published

*Ordinary member, AUCC.

for students contemplating first-year studies (the junior division calendar); medical studies; engineering studies; graduate studies; scholarships and bursaries; and summer session. These are available from the division of public relations.

The student weekly newspaper "The MUSE" is published by the Council of the Students' Union (C.S.U.). Off campus it sells for 10c. The "M.U.N. Gazette" is a weekly newsletter published for faculty, staff and friends of the university and is available free of charge. From time to time faculty and departmental brochures are produced by the division of public relations.

ACADEMIC YEAR The university operates three semesters as well as a six-week summer session. (Fall semester — September to mid-December; winter semester — January to mid-April; spring semester — mid-April to late July; summer session — July to mid-August.) Normal duration of each semester is 14 weeks. All courses are one-semester courses. Summer session courses are also offered in Grand Falls and Corner Brook, Newfoundland.

BUILDINGS AND GROUNDS The university is located on the northern limits of St. John's (population 118,000), the capital city of the province of Newfoundland and Labrador. There are two campuses. The southern campus, 100 acres, carries the present university buildings — arts-administration, Henrietta Harvey library, science-engineering, chemistry-physics, arts-education, physical education, Thomson student centre, nine-residence Paton College, and several temporary buildings. A 540-student residential complex is under way on the southern campus.

A large area has been set aside for future expansion of the university. Already a 450-bed provincial referral and teaching hospital and health sciences complex is under construction on the north campus. An engineering building and vivarium are under way. The university operates a Marine Sciences Research Laboratory located at Logy Bay on the Atlantic Ocean, ten minutes' drive from the campus. A botanical garden is being established on the north campus.

STUDENT RESIDENCES The university has a residential college — Paton College — consisting of nine residence houses accommodating 336 women, 582 men and 91 graduate students. Each house has double bed-study rooms, a main room, television room, study room and laundry facilities. Two dining halls serve the residences.

A 540-student residential complex is under construction containing apartment-like units of four students as well as married student apartments. There are three church-operated residential colleges located adjacent to the campus.

LIBRARIES The Henrietta Harvey library contains the major collection, reading rooms and library facilities of the university. The facilities include a large collection of reference books and the government documents collection, which contains a depository collection of Canadian government documents dating from 1956 and, in microform, a depository collection of U.S. government documents, also dating from 1956. The Centre for Newfoundland Studies aims to have all published material and an extensive collection of manuscripts pertaining to Newfoundland and Labrador.

The education library contains materials of primary interest to the students and faculty in education. There is also a curriculum materials centre, where texts and other media used in school instruction are housed. The medical library, serving the faculty of medicine,

has a growing collection of books and an extensive list of journals to which it subscribes.

The university library contains over 300,000 bound and processed volumes and 300,000 microforms housed in the above locations.

STUDENT LIFE The division of student affairs exists to provide assistance to students in personal and social matters, and in particular with problems associated with university life. The division includes such student services as housing accommodations, health, employment and placement, financial aid and counselling.

MEDICAL SERVICES Student health service is available for undergraduates and graduate students. The provincial medical plan looks after costs of visits. A medical doctor and staff nurse are available at all times.

STUDENT COUNSELLING SERVICES The counselling centre has a staff of qualified psychologists for all students desiring professional help in the solution of personal problems.

UNIVERSITY BOOKSTORE The university bookstore comes under the division of student affairs and has available all texts needed for university courses as well as a variety of paperback books, novels, phonograph recordings, artists' supplies and general merchandise normally found in a university bookstore. There are no special discounts available.

STUDENT EMPLOYMENT The Department of Manpower and Immigration maintains a year-round, fully autonomous Canada Manpower Centre on campus with the co-operation of the university. The centre assists graduates and undergraduates to obtain permanent, summer and part-time employment and assists employers wishing to recruit at Memorial University.

STUDENT UNION All full-time and summer session students of Memorial University are represented by the Council of the Students' Union. The M.U.N. Students' Union Act, 1968, which incorporated the union, defines the objects of the union as: to promote artistic, literary, educational, social, recreational, charitable and sporting activities for the advancement of the interests of its members and others; to act as the official organization of the students; and to co-ordinate, promote and direct the activities of the students. Undergraduate students elect a president and vice-president individually, 10 members for the senior division, four from the junior division and two from summer school. Undergraduate union fees are \$8 per semester.

GRADUATE STUDENT ASSOCIATION The Graduate Students' Union promotes the interests and general welfare of all graduate students in the university. Membership is open to all graduate students, postdoctoral and other research and teaching fellows. The members of the executive council are elected at large annually. The G.S.U. fee is \$15 collected annually. For postgraduate residents and interns, the annual fee is \$5.

GRADING SYSTEM Degrees are awarded to students who have obtained an average of at least one point per semester course taken. Grades range: F (45% and below or failure to write an examination without acceptable cause); D (50%, a pass, but without a point); C (55%, 60%, one point per course); B (65%, 70%, 75%, 2 points per course); and A (80%, 85%, 90%, 95%, 100%, 3 points per course). For graduate courses all examinations must receive either an "A" or "B" standing in order for the candidate to pass.

STUDENT AWARDS AND FINANCIAL ASSISTANCE There is the usual number of scholarships and bursaries available for students, both resident and non-resident of Newfoundland. The provincial government, for residents only, provides, either in whole or in part, tuition and other fees where a student can demonstrate need. The university offers a number of studentships up to \$700 each for students reading for honors degrees in various departments. For graduate students there are \$2,-800 graduate fellowships offered each year. For both cases students may be required to perform certain departmental duties.

FINAL EXAMINATIONS Most semester courses have final examinations and occur at the end of a semester. Deferred examinations are permitted after careful deliberation of each individual case. Examinations may be reread. A \$25 fee is levied but returned to the student should his examination mark be raised.

GRADUATION Degrees are conferred by the chancellor or in his stead by the vice-chancellor or in his stead by the pro vice-chancellor during the spring convocation, usually held on three days in the third week of May, and during the fall convocation, usually held in mid-October.

FEES AND COSTS Applications for entry must be accompanied by certified cheque or money order for \$30. Tuition fees per semester: full-time undergraduate includes bachelor, diploma, and foundation programs, \$250. Graduate students: diploma in education, \$200; master's program, \$300; doctorate program, \$500; a semester fee of \$50 per semester is charged all graduate students. For partial students: \$50 per course per semester. Student organization fees — undergraduate, \$8 per semester; graduate, \$15 per annum.

Residence fees are: room charge per semester — \$180 for double room, \$205 for single. Meal charge per semester — three meals per day, \$200; two meals per day, \$175.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. No application will be processed unless accompanied by a certified cheque or money order for \$30 payable to Memorial; this fee is non-refundable except to those applicants not accepted by the university; the fee will be credited to accepted students who enter the university. The university reserves the right to refuse admission to any student. In the absence of special considerations candidates shall be 16 years of age by the first of July of the year in which they wish to enter the university.

Candidates shall have passed the grade XI public examinations in each of the following, with an overall average mark of not less than 60%: English literature, English language, algebra, geometry and trigonometry. Three other subjects taken from those listed below so chosen that at least one is taken from each of the following groups: a) geography or economics, history, a modern language, a classical language; b) biology, chemistry, physics, or earth science.

The extramural course in Greek being offered to high school students by the department of classics shall be recognized as fulfilling the admission requirements of a classical language.

The foregoing notwithstanding, students who obtain an overall

average of 70% on the required number of courses in paragraph two above, may be admitted upon the recommendation of the committee on admissions. Students who intend to take university courses in any subject that they have failed will normally be required to complete successfully the appropriate foundation course. Or

Candidates shall have passed the school examinations in the subjects listed in paragraph two a) above, with an average mark of 75% and shall be recommended to the university by the school principal. Any such recommendations must be received by May 31. The university recognizes senior matriculation subjects for first year credits, where applicable, to a maximum of 10 semester credits, provided that the candidate: a) has obtained a mark of not less than 65% in each subject claimed for credit; and b) satisfies any particular departmental regulation.

2. Equivalent certificates. Students from other provinces of Canada are required to have: British Columbia — grade XII school leaving certificate; Alberta — grade XI junior matriculation certificate or equivalent; Saskatchewan — grade XI junior matriculation certificate; Ontario — secondary school graduation diploma with a minimum of 27 credits; Quebec — applicants with CEGEP diplôme d'études collégiales will be considered for admission to second year of a four-year degree program; New Brunswick — grade XI school leaving certificate; Nova Scotia — grade XI junior matriculation certificate or equivalent; Prince Edward Island — grade XII school leaving diploma. Applicants must have a pass mark of 50% in the required courses with an overall average of 60%.

In addition to transcripts of high school records applicants from other Canadian provinces are required to submit principal's or high school counsellor's confidential report and SACU scores. Acceptable senior matriculation subjects may be recognized for a maximum of five first-year credits provided that a) the mark in any such subjects is not less than 60%; b) the overall average is not less than 65%; and c) satisfies any particular departmental regulation.

Foreign students

UK — GCE or SLC O level with passes in five acceptable subjects. A level or higher passes are generally acceptable for first-year credits. US — grade 12 academic graduation in at least five acceptable subjects. Hong Kong, China — Hong Kong University matriculation or equivalent with passes in five acceptable subjects and satisfactory scores in the University of Michigan English language test or the test of English as a foreign language. Applicants submitting the international baccalaureate will be considered for admission.

Mature students

An applicant of mature age (21 years or older within one month after the beginning of the semester of the summer session to which admission is being sought), who has not fulfilled the matriculation requirements laid down in paragraph two above, may be admitted to the university with the approval of the committee on admissions. Such applicants are required to submit their birth certificate, two letters of reference, letter explaining grounds for requesting special consideration and high school marks and marks from post-secondary institutions, if applicable.

Graduate

For the master's degrees, admission is limited and on a competitive basis. Applicant must have a bachelor's degree (preferably an honors degree; i.e., at least "B" average in the courses of his proposed field of specialization) or its equivalent from a recognized university, and he must be recommended by the department of his specialization.

Courses leading to the doctor of philosophy degree are offered in restricted areas in the faculties of arts, engineering and applied science and medicine. To be admitted to a doctoral program, a candidate must hold either a master's degree (or equivalent) or a bachelor's degree with honors standing, and must satisfy the university that he is competent to proceed with the proposed course of study.

Date for receipt of applications

May 15.

COURSES AND DEGREES

Architecture, see engineering

ARTS

Faculty of arts

Bachelor of arts (BA). (a) General course, four years from junior matriculation. (b) Honors course, 4 1/2 years from junior matriculation. Specialization possible in classics, economics, English, folklore, French, geography, German, history, linguistics, mathematics, philosophy, political science, psychology, religious studies, sociology and anthropology, and Spanish.

Master of arts (MA). At least one year from BA. Available in economics, English, folklore, French, geography, German, history, linguistics, mathematics, philosophy, political science, psychology, sociology and anthropology.

Doctor of philosophy (PhD). Minimum of three years from bachelor's degree or two years from master's degree with at least one year in residence. Available in English, folklore, and mathematics.

COMMERCE

Faculty of arts

Bachelor of commerce (BComm). (a) General course, five years from junior matriculation. (b) Honors course, five years from junior matriculation. Specialization possible in accounting, economics, finance and management, industrial relations, marketing, and quantitative method.

EDUCATION

Faculty of education

Bachelor of arts (education) [BA(Ed)]. Four years from junior matriculation.

Bachelor of education (BEd) and bachelor of arts (BA) or bachelor of science (BSc) or bachelor of physical education (BPE). Five years from junior matriculation.

Graduate diploma in education (GradEdDip). One year from bachelor's degree in arts, science, or commerce. Available in administration, curriculum and instruction, and guidance and counselling.

Master of education (MEd). Minimum of fourteen calendar months full time from first degree, by course of instruction and thesis after research in approved topic; or by course of instruction and an approved project and report; or by course of instruction and an approved internship program with a report. Available in administration, curriculum and instruction, foundations, and guidance and counselling.

ENGINEERING

Faculty of engineering and applied science

Bachelor of engineering (BEng). Students enter junior division after junior matriculation. Degree obtainable four years after junior division.

Master of engineering (MEng). Minimum of two semesters full time from first degree, by course of instruction and thesis after research in approved topic, or by course of instruction and project report of professional calibre on engineering problem.

Doctor of philosophy (PhD). Minimum of three years from bachelor's degree or two years from master's degree. Available in ocean engineering.

FORESTRY

Faculty of engineering and applied science

Forestry diploma discontinued; program modified to fit engineering program. Now called pre-forestry program and meets the needs of other Canadian university programs.

INTERDISCIPLINARY STUDIES

Master of philosophy (MPhil). The degree is awarded upon completion of course of instruction and examinations. Candidates must be full-time students for a minimum of 16 months. Specialization available in economics, German, history, linguistics, mathematics, political science, sociology and anthropology.

MEDICINE

Faculty of medicine

Bachelor of medical science (BMS). Five years from junior matriculation.

Doctor of medicine (MD). Two years beyond successful completion of BMS or equivalent.

Master of science in medicine (MSc). At least one year from bachelor's degree.

Doctor of philosophy in medicine (PhD). Three years from bachelor's degree, or two years from master's degree.

NURSING

Faculty of arts

Bachelor of nursing (BN). Five years from junior matriculation.

PHYSICAL EDUCATION

Department of physical education

Bachelor of physical education (BPE). Four years from junior matriculation.

Science, applied, see engineering or forestry

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). (a) General course, four years from junior matriculation. (b) Honors course, 4 1/2 years from junior matriculation. Specialization possible in biochemistry, biology, chemistry, geography, geology, mathematics, physics, and psychology.

Master of science (MSc). At least one year from BSc. Available in biochemistry, biology, chemistry, geography, geology, physics, and psychology.

Doctor of philosophy (PhD). Minimum of three years from bachelor's degree or two years from master's degree with at least one year in residence. Available in biochemistry, biology, chemistry, geology, and physics.

SOCIAL WORK

Faculty of arts

Bachelor of social work (BSW). Five years from junior matriculation.

EXTENSION PROGRAMS

For university credit

Almost all departments provide a course during the summer session either on campus or at the two other locations. Normally a summer session student cannot, because of timetable restrictions, take more than three courses in the session. A program of off-campus credit courses, taught through the use of video-taped lectures, is carried out in 26 centres in Newfoundland and Labrador. Nineteen courses were taught via this method. Queen's University, Kingston, offers two psychology courses, one economics course and a course in English as correspondence courses with credit at Memorial. All courses offered under the above circumstances can be used as credit towards degrees.

For no university credit

The extension service offers evening courses, both on and off campus, of varying duration in cultural or academic topics, although not exclusively in these areas. A certificate course in business administration, Institute of Canadian Bankers program, a diploma program in law enforcement and community relations (for Newfoundland constabulary only), and a variety of professional short-courses are given throughout the year in various centres of the province.

SPECIAL PROGRAMS Co-operative engineering program – in 1969 Memorial University inaugurated the co-operative engineering program which provides for alternate periods of working in industry and studying on campus over a five-year period for undergraduate students.

Foundation courses program – students entering university with deficiencies in some subjects may be required to take a foundation course to upgrade such deficiencies. This will necessitate staying in university one extra term (mid-April to late July) to catch up with normal first-year program.

Education internship program – the faculty of education initiated in 1972 an internship program where students will complete two semesters of on-campus study followed by one semester of student teaching and other related on-the-job teacher-training in selected secondary schools.

RESEARCH INSTITUTES The Institute of Social and Economic Research (I.S.E.R.) was established in 1961. The purpose of the institute is to undertake, sponsor, and supervise research within such disciplines and in such parts of the world as are deemed of interest to the institute by its governing committee. Without limiting the generality of the above, research pertaining to Newfoundland and Labrador and contiguous regions shall be of special importance. Chairman: L. Harris, BA(Ed), MA, PhD.

The Institute for Research in Human Abilities (I.R.H.A.) was started in 1968. It carries out theoretical and practical investigations into the assessment, development and improvement of human abilities. Director: A. Sullivan, BA(Ed), BA, MA, PhD.

The Marine Sciences Research Laboratory (M.S.R.L.), is located at Logy Bay. It carries out investigations in marine sciences which cannot be done equally well on campus. Director: D. Idler, DFC, BA, MA, PhD.

The Folklore and Language Archive (F.L.A.) is a joint creation of

the departments of folklore and English. It was set up to co-ordinate diverse research in Newfoundland studies undertaken in both departments, to facilitate the mutual use of common material, to organize it for research and publication, and to make a permanent documented record for future generations. Director: H. Halpert, BS, MA, PhD.

AFFILIATED COLLEGES Christian Brothers College, Mono Mills, Ontario. Dean of studies: Brother G.R. Bellows, BS, MA, MEd, PhD. For men only. Church relationship. Established by the Roman Catholic Church for the education of persons entering the Order of Brothers.

Queen's College, Prince Philip Drive, St. John's, Newfoundland. Provost: Canon G.H. Earle, MA. A co-educational post-secondary institution operated by the Anglican Church of Canada designed to train candidates for the Anglican priesthood. Residential accommodation is available for 160 men and 105 women.

St. Bride's College, Littledale, Newfoundland. Chief administrative officer: Sister Mary Catherine Bellamy, BCh, BMusic, MMusic. An educational institution for women who are training as Roman Catholic Sisters. Residential accommodation for 200 women.

UNIVERSITÉ DE MONCTON*

Moncton (Nouveau-Brunswick)

Téléphone: 506-858-4000

Télex: 041-353

Prière d'adresser la correspondance d'ordre général au secrétaire général

DIRECTION Chancelier – poste vacant. Recteur – Adélarde Savoie, BA, BScSoc, CR, LLD, DCL, FRSA. Vice-recteur académique – Helmut Schweiger, BA, MA, PhD. Vice-recteur administratif – Médard Colette, BA, MScCom, CA.

RENSEIGNEMENTS GÉNÉRAUX L'université est une corporation privée, d'intérêt public, qui vise à donner un enseignement supérieur et professionnel, conformément aux principes chrétiens.

HISTORIQUE L'Université de Moncton, créée par une loi de la législature du Nouveau-Brunswick le 19 juin 1963, plonge ses racines dans un siècle d'histoire. Ses origines remontent à 1864, date de la fondation du Collège Saint-Joseph qui obtenait, quatre ans plus tard, le pouvoir de conférer des grades universitaires. Deux autres institutions de langue française dans la province recevaient des pouvoirs identiques: le Collège du Sacré-Coeur de Bathurst, en 1900, et le Collège Saint-Louis d'Edmundston, en

1947. D'autres collèges de langue française établis dans la province étaient rattachés, pour fins universitaires, à l'une ou l'autre de ces trois institutions.

Au mois de mai 1961, le gouvernement provincial créait une commission royale pour enquêter sur l'enseignement supérieur. Prenant connaissance de la multiplicité des institutions françaises pour desservir une population relativement restreinte, la commission recommanda la création d'une université centrale de langue française à laquelle seraient affiliées les trois institutions possédant antérieurement des chartes; à ces collèges seraient annexés les autres établissements existants. L'ensemble des collèges affiliés et annexés constituerait la faculté des arts de l'université. Le gouvernement provincial adopta cette formule par une mesure législative votée à la législature du Nouveau-Brunswick en 1963. En date du 9 juin 1972, un amendement à la charte crée une faculté des arts complètement autonome des collèges affiliés. La corporation du Collège St-Joseph cesse de fonctionner et discontinue ses activités; les collèges de Bathurst, St-Louis/Maillet et de Shippagan deviennent des institutions affiliées directement à l'université. Depuis le mois de juin 1967, l'université est administrée par un conseil de gouverneurs. Un sénat universitaire constitue l'autorité suprême en tout ce qui concerne l'enseignement.

CONSEIL DES GOUVERNEURS Le Conseil des Gouverneurs est composé de 21 membres: (a) le chancelier, membre d'office; (b) le recteur, membre d'office; (c) trois membres nommés par les collèges affiliés comme suit: (i) un membre nommé par le Collège de Bathurst, (ii) un membre nommé par le Collège Saint-Louis/Maillet, et, (iii) un membre nommé par le Collège Jésus-Marie de Shippagan; (d) quatre membres, deux élus par les

*Membre ordinaire de l'AUCC.

anciens de l'université et un à être nommé par l'association des anciens des deux collèges affiliés; (e) quatre membres nommés par le gouvernement provincial; (f) deux membres du corps professoral de l'université élus par le corps professoral; (g) deux étudiants élus par l'association des étudiants de l'université; et (h) quatre autres membres nommés par le conseil.

SÉNAT Le Sénat académique est composé des représentants nommés et élus comme suit: (a) le recteur de l'université, membre d'office; (b) le vice-recteur à l'enseignement de l'université, membre d'office; (c) le doyen et vice-doyen de chaque faculté organisée; (d) le directeur de chaque école ou institut; (e) deux membres élus par chaque faculté; (f) un membre élu par chaque école ou institut; (g) le directeur du service de l'extension; (h) cinq membres nommés par les collèges affiliés comme suit: (i) deux membres nommés par le Collège de Bathurst, (ii) deux membres nommés par le Collège Saint Louis/Maillet, et (iii) un membre nommé par le Collège Jésus-Marie de Shippagan; (i) le bibliothécaire en chef; (j) le directeur du conseil de recherches; et (k) quatre étudiants, un étudiant gradué et un non-gradué, élus respectivement par les étudiants gradués et non gradués, et un étudiant élu par le corps étudiant de chacun des deux collèges affiliés, soit le Collège de Bathurst et le Collège St-Louis/Maillet.

REVENUS La majeure partie des revenus pour fins de capitalisation et de fonctionnement provient annuellement du gouvernement provincial.

PUBLICATIONS Le secrétariat général assure la distribution de l'annuaire général de l'université ainsi que d'une brochure intitulée "Modalités d'inscription et programmes d'études". Seule la faculté des arts publie son propre annuaire, lequel peut être obtenu en écrivant directement au secrétariat de la faculté des arts.

Le secrétariat de l'extension de l'enseignement distribue les annuaires des cours offerts à temps partiel durant les sessions d'hiver et d'été, tandis que le département des affaires étudiantes assure la diffusion de tout renseignement dont l'étudiant a besoin pour guider son choix et connaître les formalités à remplir en vue de son admission et de son inscription à l'université. Ce département renseigne aussi l'étudiant sur l'organisation matérielle de la vie étudiante.

ANNÉE UNIVERSITAIRE Session régulière: de la mi-septembre à la fin d'avril. Cours d'été: du 2 juillet environ à la mi-oût.

BÂTIMENTS ET TERRAINS La cité universitaire est idéalement située au centre de la ville de Moncton (population, 55,000), sur un terrain de 400 arpents. L'université dispose actuellement de cinq immeubles d'enseignement (sciences, arts, éducation, sciences infirmières, commerce), d'une bibliothèque centrale, de deux résidences, d'une patinoire et d'un centre social. Le collège pédagogique provincial est aussi situé sur le campus.

Les services organisés à l'intention des étudiants sont les suivants: services religieux, santé, orientation, consultation, placement, aide financière, logement, cafétéria, librairie, piscine, corps école des officiers, et boîte à chansons.

RÉSIDENCES D'ÉTUDIANTS Résidence LaFrance (pour les étudiants) — capacité d'accueil: 296. Résidence Lefebvre (pour les étudiantes) — capacité d'accueil: 234.

VIE ÉTUDIANTE Le département des affaires étudiantes

offre les services suivants: orientation et information professionnelle et consultation; logement sur le campus et hors campus, aide financière et fonds de dépannage; placement avec la collaboration du Centre de Main-d'œuvre du Canada et la Communauté chrétienne universitaire. La Fédération des étudiants de l'Université de Moncton Inc. offre plusieurs services dont voici quelques exemples: comités du SUCO, UNESCO, EUM et disciplinaire étudiant, carnaval d'hiver, boîte à chansons, salons étudiants, corps-école de policiers, ciné-campus, etc.

L'université, en collaboration avec les étudiants, assure les services suivants: activités sportives intra-murales et intercollégiales, cafétéria, librairie, bibliothèque d'information scolaire et professionnelle et comité artistique.

SERVICES MÉDICAUX Aucuns frais spéciaux sont exigés pour ces services: 1) médecin: consultation sur rendez-vous; 2) infirmières en service à plein temps; 3) administration de soins et médicaments tels que prescrits par le médecin; 4) soins intensifs à l'infirmierie sur recommandation du médecin; 5) examen médical d'entrée pour les nouveaux étudiants; 6) services de spécialistes, comme gynécologues, cardiologues, dentistes, oculistes, psychologues, etc.

SERVICES D'ORIENTATION DES ÉTUDIANTS Rencontre (entrevue) individuelle d'orientation; échanges en groupe sur des préoccupations communes dans les domaines éducatif et professionnel; service de testing vocationnel; service de consultation et habileté pour étude et lecture.

LIBRAIRIE UNIVERSITAIRE La librairie universitaire fournit les manuels et livres de référence; commandes spéciales sans frais additionnels; offre un service de recherche.

UNION DES ÉTUDIANTS Les étudiants de l'Université de Moncton sont groupés en corporation sous le nom de Fédération des étudiants de l'Université de Moncton Inc., (F.E.U.M. Inc.). Le conseil d'administration de la F.E.U.M. Inc. est composé d'un représentant de chaque faculté et du secrétaire général qui est élu par les étudiants inscrits à plein temps à l'université. Les frais sont de \$20 pour la F.E.U.M. et \$20 pour l'association étudiante de chaque faculté. Ces frais ne sont pas compris dans les frais de scolarité.

SYSTÈME DE MENTIONS Minimum exigé dans chaque matière: 60%. Moyenne générale de promotion annuelle: 60%.

AIDE FINANCIÈRE ET BOURSES OFFERTES AUX ÉTUDIANTS Les gouvernements fédéral et provinciaux, certaines compagnies, fondations et sociétés et l'université elle-même offrent des bourses ou des prêts aux étudiants réguliers inscrits à l'Université de Moncton.

Étudiants du niveau pré-grade

a) Gouvernement fédéral — 1. Ministère des Affaires indiennes et du Nord canadien. 2. Ministère des Affaires des anciens combattants. 3. Ministère de la Défense nationale — plan ROTP. 4. Régime fédéral de prêts aux étudiants canadiens.

b) Provinces canadiennes — Les étudiants peuvent obtenir de l'aide financière en s'adressant au ministère de l'Éducation de leur province respective.

c) Nouveau-Brunswick — Des bourses de \$200 chacune sont offertes aux élèves qui terminent leurs études secondaires et qui ont obtenu une moyenne de 70% et plus aux examens provinciaux d'immatriculation. Les étudiants s'inscrivant pour la première fois en première année d'études universitaires peuvent obtenir, selon le besoin, un prêt-bourse maximum de \$2,100. Les étudiants des autres années, incluant les étudiants inscrits à des études supérieures, peuvent obtenir un prêt-bourse maximum de \$1,200.

d) Province de Québec — 1. Ministère de l'Éducation. 2. Ministère des Affaires culturelles. 3. Service de Réadaptation professionnel des handicapés.

e) Université de Moncton — Une somme totale d'environ \$60,000 est administrée par le Service d'aide financière aux étudiants de l'université. Ces fonds proviennent de l'université elle-même ainsi que de sociétés et compagnies.

Pour renseignements ou l'obtention de formules de demande, s'adresser au directeur du service d'aide financière aux étudiants, Université de Moncton.

Étudiants gradués

a) Gouvernement fédéral — 1. Conseil des arts du Canada. 2. Conseil national de recherches. 3. Bourses de l'OTAN. 4. Société royale du Canada.

b) Province du Nouveau-Brunswick — 1. Ministère de la Jeunesse. 2. Ministère de la Santé.

c) Province de la Nouvelle-Écosse — Bourses couvrant les frais de scolarité accordées aux étudiants de la province inscrits en éducation. S'adresser au ministère de l'Éducation, boîte postale 578, Halifax (N.-E.).

d) Province de Québec — Ministère de la Santé. Bourses accordées aux étudiants du Québec inscrits en psychologie. S'adresser au ministère de la Santé, les services psychiatriques, a/s M. Dominique Médard, directeur, Hôtel du gouvernement, Québec (Qué.).

e) Sociétés et compagnies — 1. The New Brunswick Electric Power Commission. 2. Union du Canada. 3. New Brunswick Teachers' Association. 4. Ordre impérial des filles de l'empire (IODE). 5. The Atlantic Provinces Inter-University Committee on the Sciences (APICS). 6. Rotary Foundation Fellowship. 7. British American Oil Co. Ltd. 8. Imperial Oil Limited. 9. Bourse I.C.E.T.E.X.

f) Université de Moncton — Un certain nombre d'étudiants gradués peuvent obtenir des postes d'assistant dans l'enseignement, la correction, les laboratoires, etc. S'adresser au doyen de la faculté concernée.

Pour tout renseignement, s'adresser au Service d'aide financière, département des affaires étudiantes, Université de Moncton.

EXAMENS FINALS L'université établit des examens à la fin d'un semestre. Chaque examen ne compte que pour pas plus du tiers (1/3) de la note finale de l'étudiant.

COLLATION DES GRADES La collation des grades a lieu le premier dimanche de mai à chaque année. Les grades sont conférés par l'Université de Moncton.

DROITS D'INSCRIPTION Étudiants à temps complet: toutes les facultés, \$525; exceptions: psychologie et sciences, \$600. Étudiants à temps partiel: \$20/crédit pré-grade; \$25/crédit post-grade.

Frais particuliers: première demande d'admission, \$5; association des étudiants, \$30; reprise d'examens, \$5 — \$10; logement des étudiants (avec pension), \$800 par année.

EXIGENCES D'ADMISSION

Étudiants canadiens — les programmes de baccalauréats

1. Exigence générale d'admission. Tout candidat doit être détenteur d'un diplôme d'école secondaire de sa province après avoir suivi le programme complet préparatoire au collège et à l'université. Les tests du SACU sont exigés. En général, le formulaire de demande d'admission doit être accompagné des documents suivants: 1) un relevé officiel complet des notes des études secondaires; 2) une recommandation confidentielle du directeur d'école.

2. Les candidats du Québec doivent avoir complété le secondaire V avec une moyenne cumulative de 60% pour l'admission en première année universitaire. Les candidats du CEGEP peuvent obtenir des équivalences sur présentation du dossier complet.

3. Exigences particulières (pour les étudiants du Nouveau-Brunswick). Arts — français (2), anglais, histoire et deux matières libres. Commerce — français (2), anglais, mathématiques et deux autres matières. Sciences — mathématiques (11^e et 12^e), français, deux parmi physique, chimie, biologie. Sciences infirmières — français (2), anglais, mathématiques, biologie, chimie. Sciences domestiques — français, anglais, mathématiques, biologie, chimie. Sciences sociales — français, anglais, histoire, mathématiques et un autre sujet. Éducation physique — cinq matières obligatoires: français, anglais, mathématiques, biologie et chimie.

Étudiants étrangers

Les diplômes des étudiants des autres pays sont évalués par le Comité des admissions de la faculté ou l'école concernée. Les candidats qui justifient du baccalauréat international sont admissibles.

Études supérieures

Les conditions d'admission des programmes de maîtrise sont spécifiques à chaque département. En général, il faut être détenteur d'un premier baccalauréat avec concentration dans le domaine recherché (arts, psychologie, sciences, éducation, commerce et économie).

COURS ET GRADES Note: L'université emploie le français comme langue d'enseignement. En éducation permanente, quelques cours sont offerts aux adultes anglophones.

ADMINISTRATION

Faculté d'administration

Baccalauréat en administration des affaires (BAA). Avec orientation en administration ou en comptabilité. Quatre ans après l'immatriculation junior ou l'équivalent; deux ans après le baccalauréat ès arts ou ès sciences.

Maîtrise en gestion des affaires (MBA). Être détenteur d'un premier baccalauréat, préférablement le BScCom.

ARTS

Faculté des arts

Baccalauréat ès arts (BA). Quatre ans après les études secondaires. Avec mention en anglais, art dramatique, beaux-arts, biologie, chimie, économie, éducation physique, français, géographie, histoire, latin, musique, philosophie, psychologie, sciences politiques, service social et sociologie.

Baccalauréat en musique (BM). Quatre ans après les études secondaires. Réussir examens d'entrée en théorie, solfège et dictée élémentaire.

Études supérieures

Maîtrise ès arts (MA). Au moins deux ans après le BA avec mention. Offert en français, histoire et philosophie.

ÉDUCATION

École d'éducation-psychologie

Baccalauréat d'enseignement élémentaire (BEE). Deux ans après l'obtention du brevet d'enseignement du Nouveau-Brunswick. S'obtient par des études à plein temps ou à temps partiel.

Baccalauréat en éducation (BEd). Un an après le baccalauréat ès arts ou ès sciences.

Baccalauréat en éducation-physique (BEdPhy). Quatre ans après l'immatriculation junior.

Études supérieures

Maîtrise en éducation (MEd). Avec spécialisation en administration scolaire, orientation, psychologie éducative, enseignement secondaire. Un an après le baccalauréat en éducation.

Maîtrise ès arts en éducation [MA(Ed)]. Un an après le baccalauréat en éducation. Thèse.

GÉNIE

Faculté des sciences

Baccalauréat ès sciences appliquées (BScA). Génie civil et industriel; cinq ans après les études secondaires.

PSYCHOLOGIE

École d'éducation-psychologie

Baccalauréat en psychologie (BPs). Quatre ans après les études secondaires.

Maîtrise en psychologie (MPs). Trois ans après le baccalauréat ès arts ou ès sciences. Deux ans après le BA mention psychologie.

Maîtrise ès arts en psychologie [MA(Ps)]. Trois ans après le baccalauréat ès arts ou ès sciences. Deux ans après le BA mention psychologie. Thèse.

SCIENCES DOMESTIQUES

École des sciences domestiques

Baccalauréat en sciences domestiques (BScDom). Avec mention en enseignement ou nutrition et diététique. Quatre ans après les études secondaires.

SCIENCES INFIRMIÈRES

École des sciences infirmières

Baccalauréat en sciences infirmières [BSc(Inf)]. Quatre ans après les études secondaires. Pour les infirmières diplômées le programme comporte trois années d'études.

SCIENCES PURES

Faculté des sciences

Baccalauréat ès sciences (BSc). Quatre ans après les études secondaires. (a) Avec spécialisation en physique ou en chimie. (b) Avec mention en physique, chimie organique, biologie, physico-chimie, biochimie, mathématiques, pré-médecine.

Études supérieures

Maîtrise ès sciences (MSc). Au moins une année après le BSc avec spécialisation. Offerte en physique, en chimie et en biochimie.

SCIENCES SOCIALES

École des sciences sociales

Baccalauréat en service social (BSSoc). Programme de quatre ans après les études secondaires.

Études supérieures

Maîtrises ès arts (MA) en sociologie, économie. Programme de deux ans après le baccalauréat ès arts avec mention en économie ou en sociologie.

ÉDUCATION PERMANENTE

Cours conduisant à un grade

Cours d'extension. Cours du soir à l'université et dans des centres extra-muros.

Cours d'été. Trois instituts spécialisés sont organisés pour la session d'été 1973, destinés aux enseignants des écoles publiques. Les cours offerts sont les suivants: géographie, mathématiques secondaires et musique.

Cours spéciaux. Enseignement du français au niveau secondaire (méthode Dwane); problèmes spécifiques d'apprentissage (conseillé aux professeurs des "classes spéciales"); Sablier; nouvelles mathématiques. Cours conduisant au baccalauréat ès arts, au baccalauréat en éducation dans les trois collèges affiliés; et à la maîtrise en éducation à l'université.

Cours qui ne conduisent pas à un grade

Cours. Conversation française, formation de chef, administration publique, vente d'immeubles. Service d'éducation populaire par l'université et par les collèges affiliés.

INSTITUT DE RECHERCHE Conseil de recherches. Le conseil de recherches a pour principale fonction de stimuler la recherche à l'université. Il coordonne le développement de la recherche

dans tous les secteurs de l'université, en collaboration avec les doyens et directeurs concernés. Directeur: Brian Newbold.

COLLÈGE ANNEXÉ Collège Jésus-Marie, Shippegan (N.-B.). Directrice: Soeur Ghislaine Côté, rjm, BA, BPh, LPh. Catholique. Pour jeunes filles. Fondé en 1960. Quatre années d'études conduisant au baccalauréat ès arts. Annexé au Collège de Bathurst.

COLLÈGES AFFILIÉS Ces institutions sont directement rattachées à l'université; elles offrent un enseignement de huit années, dont les quatre premières sont au niveau secondaire; les quatre dernières, au niveau collégial, conduisent au baccalauréat ès arts de l'université.

Collège de Bathurst, Bathurst (N.-B.). Directeur des études: Arthur Chiasson. Catholique. Mixte. Fondé à Caraquet en 1899 sous le nom de Collège du Sacré-Coeur. Charte d'incorporation en 1900. Après l'incendie de 1915, l'institution fut transférée à Bathurst. Amendement à la charte en 1920. En 1941, le gouvernement provincial octroyait à l'institution le titre d'université. En 1963, en vertu d'un amendement à la charte, l'institution devenait le Collège de Bathurst. Quatre années d'études conduisant au baccalauréat ès arts.

Collège Saint-Louis-Maillet, Edmundston (N.-B.). Directeur des études: Jean-Guy Lachance, cjm, BA, LPh, certScS. Catholique. Pour jeunes gens. Fondé en 1946. Charte d'incorporation en 1947 donnant à l'institution le statut d'université. En 1963, en vertu d'un amendement à la charte, l'établissement devenait le Collège Saint-Louis. Enseignement offert: les quatre années des études conduisant au baccalauréat ès arts.

UNIVERSITÉ DE MONTRÉAL*

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Téléphone: 514-343-6111

Prière d'adresser la correspondance d'ordre général au secrétaire général

DIRECTION Chancelier — Marcel Piché, CR, LLL. Recteur — Roger Gaudry, BScA, DSc, LLD, FRSC. Vice-recteur exécutif — Paul Lacoste, MA, LPh, D de l'U, LLL. Vice-recteur aux affaires académiques — André Archambault, BPhm, DPhm. Vice-recteur à la recherche — Maurice L'Abbé, LSc, MA, PhD. Vice-recteur à l'administration — Roger Larose, BPhm, LScsoc. Vice-recteur à la planification — Jacques St-Pierre, LSc, PhD, PhD.

RENSEIGNEMENTS GÉNÉRAUX Depuis le 1^{er} septembre 1967, l'université a une nouvelle charte qui en fait une institution à caractère public. L'Université de Montréal est une institution mixte.

HISTORIQUE En 1876, à la suite d'une demande faite par Mgr Ignace Bourget, évêque de Montréal, en vue d'obtenir une université catholique pour sa ville épiscopale, la sacrée congrégation de la Propagande proposa à l'Université Laval d'établir à Montréal une succursale où l'on donnerait la même formation qu'à Québec. L'enseignement fut inauguré en 1878 dans les facultés de théologie et de droit; en 1879 dans la faculté de médecine; en

1887 dans la faculté des arts. En vertu de la constitution apostolique Jamdudum, du 2 février 1889, la succursale devint pratiquement indépendante de la maison de Québec. Elle recevait encore ses grades du conseil universitaire de Québec, mais elle possédait une administration locale complète.

En 1919 et 1920, la succursale fut dotée de son autonomie entière, de droit et de fait; elle prit le nom d'Université de Montréal et conféra ses premiers grades en 1921. Dans l'ordre canonique, elle fut d'abord régie, à partir du 8 mai 1919, par un rescrit préparatoire à une bulle pontificale. La charte civile lui a été octroyée par la législature provinciale de Québec, le 14 février 1920. Le 30 octobre 1927, elle recevait de Rome la bulle définitive. Une nouvelle charte administrative est entrée en vigueur le 5 juin 1950.

L'université comptait, en 1920, les facultés de théologie, de droit et de médecine, une faculté des arts qui groupait des enseignements très divers mais fragmentaires; des écoles de pharmacie, de chirurgie dentaire, et de médecine vétérinaire. Par affiliation, l'École polytechnique, l'École des hautes études commerciales et l'Institut agricole d'Oka lui étaient rattachés. Enfin, une dernière catégorie, celle des institutions annexées, comprenait l'enseignement dit moderne, l'enseignement de la musique et de l'art ménager.

Pour compléter ses cadres essentiels, l'Université de Montréal fonda coup sur coup une faculté des lettres, une faculté des sciences, une école des sciences sociales, économiques et politiques et une faculté de philosophie. Elle réunit les collèges de jeunes gens et de jeunes filles dans une faculté des arts.

L'Université de Montréal qui se composait de 16 facultés et écoles

*Membre ordinaire de l'AUCC.

et de plusieurs instituts, s'est dotée le 19 février 1972 d'une faculté des études supérieures et d'une faculté des arts et des sciences et a aboli les facultés suivantes: arts, lettres, philosophie, sciences et sciences sociales. Les départements de ces quatre dernières facultés sont maintenant départements de la faculté des arts et des sciences.

ADMINISTRATION GÉNÉRALE L'administration générale de l'université relève, en vertu de sa charte, des corps universitaires suivants: le Conseil, le Comité exécutif, l'Assemblée universitaire, la Commission des études.

Le Conseil de l'université exerce tous les droits de l'université et tous les pouvoirs nécessaires à son administration et à son développement. Il se compose de vingt-quatre membres dont huit sont nommés par le gouvernement du Québec, cinq par l'assemblée universitaire, deux après consultation de l'assemblée des étudiants, et deux après consultation de l'association des diplômés, ainsi que deux nommés par le modérateur des facultés ecclésiastiques, c'est-à-dire l'archevêque de Montréal.

Le Comité exécutif assure l'exécution des décisions du conseil et en exerce tous les pouvoirs sauf ceux que les statuts attribuent exclusivement au conseil ou que celui-ci se réserve. Il se compose de 5 à 9 membres dont le recteur qui le préside.

L'Assemblée universitaire qui correspond au sénat des universités anglo-saxonnes, énonce les principes généraux qui président à l'orientation de l'université et à son développement, participe à l'administration générale et fait les règlements relatifs au statut des professeurs et à la discipline universitaire. Elle comprend 72 membres dont quarante-quatre professeurs élus par leurs collègues des facultés et grandes écoles affiliées, vingt-trois membres d'office, dont le recteur, les vice-recteurs, les doyens et les directeurs des grandes écoles affiliées, six membres nommés par un conseil représentant les étudiants, ainsi que trois membres délégués par le conseil. En outre, trois membres sont désignés par le personnel de l'université.

La Commission des études assure la coordination de l'enseignement et est responsable de l'organisation pédagogique de l'université. C'est essentiellement l'assemblée des doyens et des directeurs des grandes écoles affiliées; elle comprend en outre le recteur, les vice-recteurs, quatre membres nommés par l'assemblée universitaire et des membres nommés par le conseil sur recommandation de l'assemblée universitaire.

PUBLICATIONS Annuaire général; annuaires de faculté. Renseignements généraux (registraire). Forum (hebdomadaire, bureau de l'information).

ANNÉE UNIVERSITAIRE Session régulière: du début du mois de septembre à la fin d'avril. Cours de vacances (soir): du 11 mai, environ, au 23 juin; (jour): du 2 juillet, environ, à la mi-août.

BÂTIMENTS ET TERRAINS Le campus de l'Université de Montréal s'étend sur le versant nord-ouest du Mont-Royal. Sa superficie est de 158 acres. Outre l'immeuble principal, on compte de nombreux pavillons dont ceux de l'École polytechnique, du centre social, de droit et des sciences sociales, des hautes études commerciales. Seuls, sont situés hors du campus, l'École de réadaptation, l'École de médecine vétérinaire et le département d'éducation physique.

Le centre communautaire comprend deux pavillons: l'un d'eux abrite la caisse populaire, la coopérative, etc., tandis que les restaurants et les salons se trouvent dans le second pavillon. Le centre

sportif comprend un stade d'hiver (patinoire et salles d'exercice), une pente de ski, un stade de football ainsi que de nombreuses salles pour les joueurs. On loue également piscine et gymnases à l'extérieur.

RÉSIDENCES D'ÉTUDIANTS Les résidences, situées à proximité du centre communautaire, sont au nombre de trois et peuvent loger chacune 186 étudiants, 174 étudiantes et 816 étudiants et étudiantes.

BIBLIOTHÈQUES Les bibliothèques appartiennent en propre à l'université et comptent 682,000 volumes. À ce chiffre, si l'on ajoute les bibliothèques des grandes écoles affiliées, le nombre total des publications dans les bibliothèques universitaires est de près de 1,300,000 volumes.

SERVICES AUX ÉTUDIANTS Les services aux étudiants comprennent le service de santé, le service des sports, le service de l'animation culturelle, le service d'orientation et de consultation psychologique et les services socio-économiques. L'université dispose également d'un service de placement. Le service de santé dispense des premiers soins en tout temps, des examens médicaux, consultations psychiatriques, psychothérapie individuelle ou de groupe, physiothérapie, etc. Le service des sports donne accès à des activités libres, à du sport-compétition ainsi qu'à une école de sport.

Le service de l'animation culturelle réalise divers programmes sociaux et culturels de concert avec les étudiants. Le service d'orientation et de consultation psychologique offre des tests psychologiques d'aptitudes, d'intérêts et de personnalité; il comprend aussi une section orientation et consultation; offre les avantages d'un counseling psychologique. Les services socio-économiques regroupent, sous une même direction, les services d'accueil, d'aide financière et de logement hors campus. Nous avons de plus des correspondants pour informer les étudiants des services mis à leur disposition, les familiariser avec la vie sur le campus, identifier leurs besoins, revendications, etc.

LIBRAIRIE La librairie des Presses de l'Université de Montréal met à la disposition des professeurs et des étudiants les ouvrages d'enseignement dont ils ont besoin pour leurs études ou leurs recherches. En plus des ouvrages didactiques, elle offre à sa clientèle un choix de nouveautés, un service de commandes spéciales et un service de recherches bibliographiques.

SYSTÈME DE MENTIONS Études pré-grade: succès, 60%; distinction, 70%; grande distinction, 80% et plus.

AIDE FINANCIÈRE ET BOURSES OFFERTES AUX ÉTUDIANTS Les services socio-économiques fournissent toute information pouvant être obtenue sur le ministère de l'Éducation, le prêt d'honneur. L'université dispose également de bourses et prêts donnés par les associés de l'université, diverses compagnies, clubs sociaux, etc.

DROITS D'INSCRIPTION Pour les cours par année: étudiants à temps complet - administration de la santé, \$646; administration des affaires (commerce), \$446; aménagement (architecture et urbanisme), \$546; chirurgie dentaire, \$596; droit, \$496; éducation physique, \$521; études médiévales, \$496; génie (sciences appliquées), \$496; lettres, \$496; médecine, \$696; médecine vétérinaire, \$483; nursing, \$496; nutrition, \$496; optométrie, \$546; pharmacie, \$546; philosophie, \$496; psychologie, \$496; réadaptation, \$496; santé publique (hygiène), \$496; sciences de l'éducation, \$496; sciences pures,

\$546; sciences sociales, \$496; service social, \$496; théologie, \$496. Étudiants à temps partiel (pour chaque cours): cours théoriques, par crédit, \$19.50; cours avec laboratoire, \$27.

Frais divers ou variables: pour examen du dossier lors d'une première demande d'admission, \$15.

Logement des étudiants, environ \$375 par année (sans pension), pour une chambre à un lit.

CONDITIONS D'ADMISSION Les candidats du Québec — le diplôme d'études collégiales (DEC) ou l'équivalent, dont le choix d'options préalables répondra aux profils d'entrée exigés par les différentes facultés. Dans certain cas, l'université exige un examen spécial d'admission. Un brevet d'admission à l'étude est aussi exigé par certaines associations professionnelles. Pour être admis à l'enseignement des 2^e et 3^e cycles, un étudiant doit, en plus de manifester de nettes aptitudes, détenir le grade préalablement requis ou l'équivalent.

Toute demande d'admission doit être présentée sur les formules officielles et complétée par les pièces suivantes: a) extrait de naissance; b) trois photographies récentes, format passeport (2" x 2 1/4") portant au verso la signature de l'étudiant; c) bulletin officiel complet et détaillé (en double exemplaire) des notes obtenues pendant la scolarité du diplôme présenté à l'appui de la demande d'admission; d) document officiel attestant que le candidat possède le grade ou le diplôme invoqué à l'appui de sa demande d'admission, à moins que cette attestation n'apparaisse sur le bulletin officiel; e) un chèque visé ou un mandat de poste de \$15 (argent canadien) fait à l'ordre de l'Université de Montréal. Ce montant n'est pas remboursable.

Les candidats des autres provinces, des États-Unis et autres pays

Toutes les pièces ci-dessus qui ne sont pas rédigées en français, en anglais ou en latin doivent être accompagnées d'une traduction française certifiée par le consulat du pays d'origine. Tout diplôme d'une institution étrangère doit être accompagné d'un annuaire donnant le détail des programmes et des conditions requises pour son obtention. Pour être officiels, tous les relevés de notes doivent porter le sceau de l'institution d'où ils proviennent. Les photocopies sont acceptées si elles sont certifiées conformes à l'original. Les candidats qui justifient du baccalauréat international sont admissibles.

COURS ET GRADES Le diplôme d'études collégiales (DEC) décerné par les collèges d'enseignement général et professionnel (CEGEP) est l'unique condition d'admission dans les facultés universitaires. Note: Sauf aux cours d'anglais, la langue d'enseignement est le français. Aux examens on peut cependant se servir de la langue anglaise. Beaucoup de documentation étant disponible en anglais seulement, il est utile d'avoir une bonne connaissance de cette langue.

La coordination des activités de l'université et de ses écoles affiliées (H.E.C. et polytechnique) et la responsabilité de commander l'octroi des grades supérieurs de maîtrise et de doctorat relèvent de la faculté des études supérieures.

ADMINISTRATION DE LA SANTÉ

École de santé publique

Maîtrise en administration de la santé (MAS). Deux ans après un baccalauréat spécialisé ou la licence; mémoire.

ADMINISTRATION DES AFFAIRES

École des hautes études commerciales

Baccalauréat en administration des affaires (BAA). Trois ans après le DEC ou l'équivalent. Maîtrise en administration des affaires (MBA). Un an après le BAA ou deux ans après un premier grade spécialisé d'une autre discipline: avec ou sans mémoire.

ARCHITECTURE

Faculté de l'aménagement

Baccalauréat en architecture (BArch). Quatre ans après le DEC ou l'équivalent.

Baccalauréat en architecture paysagiste (BAP). Quatre ans après le DEC ou l'équivalent.

Baccalauréat en design industriel (BDI). Quatre ans après le DEC ou l'équivalent.

Maîtrise en aménagement [MAM(Arch)]. Un an après le BArch ou l'équivalent; mémoire.

Doctorat en aménagement (PhD). Deux ans après une maîtrise en aménagement, ou l'équivalent.

BIBLIOTHÉCONOMIE

Faculté des études supérieures

Maîtrise en bibliothéconomie (MBibl). Deux ans après un premier grade spécialisé ou l'équivalent.

CHIRURGIE DENTAIRE

Faculté de chirurgie dentaire

Doctorat en chirurgie dentaire (DDS). Quatre ans après le DEC, ou l'équivalent.

Baccalauréat en hygiène dentaire (BHD). Majeure en hygiène dentaire et mineure en éducation. Trois ans après le DEC ou l'équivalent.

Certificat en orthodontie. Cours postsecondaire pour praticiens: 21 mois au minimum, après le DDS.

Certificat en pédodontie. Deux ans après le DDS, avec stages.

Maîtrise ès sciences en orthodontie [MSc(orthodontie)]. Vingt-quatre (24) mois au minimum, après le DDS; un an après le certificat en orthodontie; mémoire.

Maîtrise en biologie dentaire [MSc(biologie dentaire)]. Deux ans après le DDS, le MD ou le baccalauréat ès sciences (option biologie), ou l'équivalent.

Commerce, voir administration des affaires

DROIT

Faculté de droit

Licence en droit (LLL). Trois ans après le DEC ou un diplôme équivalent.

Diplôme de droit notarial (DiplDN). Un an après la LLL.

Maîtrise en droit (LLM). Un an après la LLL; mémoire.

Doctorat en droit (LLD). Un an après la LLM; thèse.

ÉDUCATION PHYSIQUE

Baccalauréat ès sciences (éducation physique) [BSc(Édphys)]. Trois ans après le DEC.

Maîtrise ès sciences (éducation physique) [MSc(Édphys)]. Deux ans après le BSc(Édphys).

ÉTUDES MÉDIÉVALES

Faculté des arts et des sciences

Maîtrise ès arts en sciences médiévales [MA(science médiévales)]. Un an après une maîtrise, deux ans après un premier grade spécialisé; mémoire.

Philosophiae doctor en sciences médiévales [PhD(science médiévales)]. Deux ans après la MA (science médiévales) ou l'équivalent; thèse.

GÉNIE

École polytechnique

Baccalauréat ès sciences appliquées et diplôme d'ingénieur (BScA). Quatre ans après le DEC et l'examen d'admission. Le diplôme fait mention de l'option choisie par l'étudiant; génie chimique, civil, électrique, géologique, mécanique, métallurgique, minier ou physique.

Maîtrise ès sciences appliquées (MScA). Un an après le BScA (avec un minimum de 70% des points dans l'ensemble des matières); mémoire. Offerte en génie chimique, civil, électrique, géologique, mécanique, métallurgique, minier, nucléaire et physique.

Maîtrise en ingénierie (MIng). Grade professionnel dans les mêmes disciplines. Minimum un an après le BScA.

Doctorat ès sciences appliquées (DScA). Deux ans après la MScA; thèse. Offert en génie chimique, civil, électrique, géologique, mécanique, métallurgique, minier, nucléaire et physique.

Diplôme d'études complémentaires. Un an après le BScA. Cours de perfectionnement.

HYGIÈNE

École de santé publique

Diplôme en hygiène publique (DHP). Un an. Le cas de chaque candidat est étudié par le conseil qui décide de son admission comme élève régulier.

Maîtrise ès sciences en hygiène (MSch). Un an après le MD, DDS, DMV, BSc spécialisé, ou BScA. Mémoire dans la spécialité environnement.

Doctorat ès sciences en hygiène (DSch). Deux ans après la MSch; thèse.

LETTRES

Faculté des arts et des sciences

Un baccalauréat, avec sujet majeur dans l'une des disciplines suivantes: géographie, grec, histoire, langue et littérature anglaises, langue et littérature françaises, latin et sujet mineur en éducation, remplace la licence d'enseignement secondaire. Voir sciences de l'éducation.

Baccalauréat en traduction (BTrad). Trois ans après le DEC.

Baccalauréat ès arts (BA). Trois ans après le DEC.

Baccalauréat ès arts spécialisé dans l'une des disciplines suivantes: études allemandes, études anglaises, études classiques, études françaises, études hispaniques, études italiennes, russes et slaves, géographie, histoire, histoire de l'art, linguistique.

Baccalauréat ès arts spécialisé avec sujet majeur et sujet mineur selon une combinaison des spécialités ci-avant.

Baccalauréat ès arts général [BA(lettres)]. Programme choisi dans trois spécialités, à parts égales.

Maîtrise ès arts (MA). Au moins un an après le BA spécialisé; mémoire. Offerte dans les mentions suivantes: études anglaises, études classiques, études françaises, géographie, histoire, histoire de l'art, linguistique et langues modernes, littérature comparée.

Maîtrise en traduction (MTrad). Un an après le BTrad ou deux ans après le premier grade spécialisé.

Philosophiae doctor (PhD). Au moins deux ans après la MA; thèse. Offert dans les mêmes disciplines que celles de la MA.

MÉDECINE

Faculté de médecine

Doctorat en médecine (MD). Cinq ans après le DEC ou l'équivalent.

Maîtrise ès sciences (MSc). Un an après le MD ou le BSc spécialisé; mémoire. Offerte en anatomie, biochimie, pharmacologie, pathologie, médecine et chirurgie expérimentales, microbiologie et immunologie, sciences cliniques et sciences neurologiques.

Philosophiae doctor (PhD). Deux ans après la MSc; thèse. Offert dans les mêmes spécialisations que la maîtrise.

MÉDECINE VÉTÉRINAIRE

École de médecine vétérinaire

Doctorat en médecine vétérinaire (DMV). Quatre ans après le DEC.

Certificat en sciences appliquées vétérinaires - douze mois après le DMV.

Maîtrise en sciences vétérinaires (MScV). Un an après le DMV. Mémoire.

Médiévales, Études, voir Études médiévales

MUSIQUE PROFANE OU SACRÉE

Faculté de musique

Baccalauréat en musique spécialisé (BMus). Trois ans après le DEC. Mentions: interprétation, composition et techniques d'écriture, histoire et langues musicales.

Baccalauréat ès arts (BA) avec sujet majeur. Trois ans après le DEC. Le sujet mineur peut être choisi dans une autre faculté.

Baccalauréat en musique (BMus) général.

Maîtrise en musique (MMus). Deux ans après le BMus; mémoire.

Doctorat en musique (DMus). Deux ans après la MMus; thèse.

NOTARIAT – mêmes études que le droit.

NURSING

Baccalauréat en nursing (BNurs). Le cours est de trois ans après le DEC et est destiné aux candidats qui désirent allier à la formation infirmière une culture générale plus étendue.

Maîtrise en nursing (MNurs). Deux ans après le BNurs; mémoire.

Dans les spécialités suivantes: administration du nursing à l'hôpital, éducation en nursing, nursing en médecine et chirurgie, psychiatrie et hygiène mentale.

NUTRITION

Institut de diététique et de nutrition

Baccalauréat ès sciences (nutrition) [BSc(nut)]. Trois ans après le DEC.

Baccalauréat ès sciences (BSc). Sujet majeur: alimentation. Sujet mineur: éducation. Trois ans après le DEC. Remplace la licence d'enseignement secondaire.

Maîtrise ès sciences (nutrition) [MSc(nut)]. Au moins un an après le BSc(nut) ou le BSc d'autres institutions canadiennes ou américaines équivalent au BSc(nut); mémoire.

OPTOMÉTRIE

École d'optométrie

Licence en optométrie (LScO). Trois ans après le DEC.

PHARMACIE

Faculté de pharmacie

Baccalauréat ès sciences (pharmacie) [BSc(phm)]. Quatre ans après le DEC, ou l'équivalent.

Diplôme en pharmacie d'hôpital. Un an après le BSc(phm).

Maîtrise ès sciences (MSc). Au moins un an après le BSc(phm), ou l'équivalent; mémoire dans les options suivantes: chimie médicale, pharmacie, pharmacognosie, pharmacodynamie biochimique.

Doctorat (PhD). Deux ans après la MSc dans la spécialité choisie: mêmes options que pour la maîtrise.

PHILOSOPHIE

Faculté des arts et des sciences

Baccalauréat en philosophie (BPh). Trois ans après le DEC ou l'équivalent.

Maîtrise ès arts (philosophie) [MA(Ph)]. Un an après le BPh ou l'équivalent; mémoire.

Philosophiae doctor (philosophie) [PhD(Ph)]. Deux ans après la MA(Ph); thèse.

PSYCHOLOGIE

Faculté des arts et des sciences

Baccalauréat ès sciences (psychologie) [BSc(Ps)]. Trois ans après le DEC.

Baccalauréat ès sciences (psychoéducation) [BSc(psed)]. Trois ans après le DEC.

Maîtrise ès arts (psychologie) [MA(Ps)]. Un an après le BSc(Ps) ou l'équivalent; mémoire.

Maîtrise en orientation (MOr). Un an après le BSc(Ps); mémoire.

Maîtrise en psychoéducation (MPsed). Un an après le BSc(psed); mémoire.

Maîtrise en psychologie (MPs). Un an après le BSc(Ps); mémoire.

Philosophiae doctor en psychologie [PhD(Ps)]. Deux ans après la MA(Ps) ou l'équivalent; thèse.

Doctorat en psychologie (DPs). Deux ans après la MPs; thèse.

RÉADAPTATION

École de réadaptation

Baccalauréat ès sciences (ergothérapie) [BSc(erg)]. Trois ans après le DEC.

Baccalauréat ès sciences (physiothérapie) [BSc(physio)]. Trois ans après le DEC.

Baccalauréat ès sciences (orthophonie et audiologie) [BSc(orthoe-taudio)]. Trois ans après le DEC.

Maîtrise en orthophonie et audiologie (MOA). Un an après le BSc(orthophonie et audiologie); mémoire.

Sciences appliquées, voir génie

SCIENCES DE L'ÉDUCATION

Faculté des sciences de l'éducation

Une mineure en éducation, combinée à une majeure de l'une des disciplines suivantes: sciences, lettres, diététique, musique, sciences religieuses a remplacé la licence d'enseignement secondaire.

La faculté décerne un baccalauréat ès sciences, cours général en éducation et deux baccalauréats spécialisés, l'un en orthopédagogie et l'autre en éducation préscolaire et enseignement élémentaire. (BScEd—BSc spécialisé).

Cours spécialisés: durée de cours — trois ans.

Baccalauréat ès sciences (éducation) [BSc(Ed)]. Cours général.

Baccalauréat ès sciences (orthopédagogie) [BSc(ortho)].

Baccalauréat ès sciences (éducation préscolaire et enseignement élémentaire) [BSc(éducprésensélem)].

Certificat d'enseignement secondaire (CES). Certificat d'enseignement collégial (CEC). Ces deux certificats remplacent le diplôme de l'École normale supérieure (DENS). Un an et un stage après le premier grade spécialisé.

Maîtrise en éducation (MEd). Un an après le BSc; mémoire.

Maîtrise ès arts (enseignement) [MA(ens)]. Douze mois avec stages après un premier grade spécialisé.

Maîtrise ès arts (MA). Un an après un baccalauréat spécialisé.

Doctorat (PhD). Deux ans après la maîtrise; thèse.

SCIENCES PURES

Faculté des arts et des sciences

Baccalauréat ès sciences (spécialisé) (BSc). Trois ans après le DEC ou l'équivalent. Le diplôme fait mention de la spécialisation en biochimie, biologie, chimie, physique, ou mathématiques et physique. Une moyenne des deux tiers des points au cours de chacune des deux dernières années est nécessaire pour avoir droit au grade de BSc spécialisé.

Baccalauréat ès sciences (BSc) avec sujet majeur et sujet mineur. Trois ans après le DEC. On peut combiner les options mentionnées plus haut.

Note: un sujet majeur en chimie, mathématiques, physique ou sciences naturelles, suivi d'un sujet mineur en éducation, remplacent la licence d'enseignement secondaire.

Maîtrise ès sciences (MSc). Au moins un an après le BSc (spécialisé) de l'ordre de la maîtrise projetée, ou l'équivalent; plus une année préparatoire ou des cours complémentaires dans le cas du BSc avec majeure et mineure; mémoire. Offerte en biochimie, botanique, chimie, géologie, informatique, mathématiques, physiologie, physique, zoologie. Les détenteurs d'un BSc spécialisé ou de la LèL (linguistique) sont admissibles à la MSc (informatique).

Doctorat (PhD). Au moins deux ans de recherche dans un laboratoire de la faculté après la MSc de l'ordre du doctorat projeté; thèse. Offert dans les mêmes spécialisations que la maîtrise.

SCIENCES SOCIALES

Faculté des arts et des sciences

Baccalauréat ès sciences (spécialisé) (BSc). Trois ans après le DEC ou l'équivalent. Le diplôme fait mention de la spécialisation en anthropologie, criminologie, démographie, économique, politique, relations industrielles, service social ou sociologie.

Maîtrise ès sciences (MSc). Un an après le BSc de la faculté; mémoire. Offerte dans les mêmes spécialisations que le baccalauréat.

Diplôme d'études africaines. Un an après un grade délivré par la faculté de droit ou la faculté des arts et des sciences, ou l'équivalent.

Philosophiae doctor (PhD). Au moins deux ans après la MSc de la faculté; thèse. Offert dans les mêmes spécialisations que la maîtrise.

THÉOLOGIE

Faculté de théologie

Certificat d'études catéchétiques.

Baccalauréat en théologie (BTh). Trois ans après le DEC.

BA spécialisé (études bibliques — théologie).

BA sujet majeur (études bibliques — théologie — sciences de la religion) et sujet mineur.

Baccalauréat en théologie pastorale (BThPast).

Baccalauréat ès arts général [BA(général)].

Maîtrise ès arts (MA). Un an après l'un des baccalauréats. Mentions: études bibliques, pastorales, ou théologiques.

Philosophiae doctor (PhD). Deux ans après la MA, avec les mêmes mentions.

Licence en théologie (LTh). Deux ans après le BTh. Grade canonique.

Doctorat en théologie (DTh). Un an après la LTh; thèse. Grade canonique.

URBANISME

Faculté de l'aménagement

Maîtrise en urbanisme. Cinq semestres après le BArch, le BScA, le BSc ou la LèSL (géographique), ou l'équivalent.

SERVICE D'ÉDUCATION PERMANENTE Le secteur des grades et certificats — chacun de ces programmes comprend 30 crédits et est couronné par un certificat de l'Université de Montréal: animation, animation de la vie étudiante, animation pédagogique des bibliothèques, aptitude à l'enseignement de l'éducation physique au niveau élémentaire, cytotecnologie, enseignement du français au niveau élémentaire, enseignement du français au niveau secondaire, enseignement des mathématiques et des sciences au niveau élémentaire, gestion d'hôpital, information scolaire et professionnelle, loisir, pédagogie audiovisuelle, publicité, recherche opérationnelle, relations industrielles, relations publiques, sciences familiales, traduction.

Le secteur des cours de promotion culturelle — ces cours de culture et de perfectionnement, tout comme ceux de la promotion du travail, s'adressent aux personnes désireuses de poursuivre leur éducation, d'acquérir ou de parfaire leurs connaissances. On y

trouve des cours de langue, de civilisation, en sciences humaines, et de littérature. Baccalauréat ès sciences (BSc). Regroupement approuvé de trois certificats.

INSTITUTS DE RECHERCHE Banque de terminologie — cet organisme universitaire à caractère public, a été fondé en 1969 dans le but de centraliser, de normaliser et de répandre les résultats de la recherche terminologique au Canada. Directeur: Marcel Paré.

Centre de recherche en développement économique — a été créé par le comité exécutif en 1970; quelques mois plus tard ce dernier en adoptait les statuts. En tant qu'organisme universitaire de recherche, de formation et de service, le centre est chargé de recherches dans les différents domaines du développement économique. Directeur: Pierre-Paul Proulx.

Centre de recherche en droit public — fonctionnant depuis 1962, cet organisme avait été mis sur pied l'année précédente par le conseil des gouverneurs. Il fait partie intégrante de la faculté de droit et se propose de favoriser et d'organiser la recherche en droit public, tout spécialement en droits constitutionnel et administratif. Directeur: Gilles Pépin.

Centre de recherche en reproduction animale — rattaché à la faculté de médecine vétérinaire, ce centre a été créé par le conseil de l'université en 1972. Ce centre poursuit des recherches en vue de combattre l'infertilité, principalement chez l'espèce bovine mais aussi chez les espèces porcives et ovines. Directeur: Patrick Guay.

Centre de recherche en sciences neurologiques — rattaché à la faculté de médecine, ce centre fut formé en 1970 par le conseil de l'université. Son rôle est multiple; il comprend surtout une recherche approfondie du système nerveux, un élargissement de son programme d'enseignement et de recherches en génie biomédical et le développement d'un laboratoire de transformation analogique digitale. Directeur: Herbert Jasper.

Centre de recherche sur la croissance — créé au sein de la faculté de chirurgie dentaire, en 1966, puis rattaché au comité exécutif par l'intermédiaire du vice-recteur à la recherche, cet organisme vise principalement la poursuite de la recherche sur la croissance des enfants d'origine canadienne-française. Directeur: Arto Demirjian.

Centre de recherche sur les transports — cet organisme universitaire de recherche à vocation interdisciplinaire a été créé en 1971 par le conseil de l'université dans le but de poursuivre la recherche fondamentale et appliquée dans le domaine des transports. Directeur: en instance de nomination.

Centre de recherches caraïbes — organisme universitaire à vocation multidisciplinaire, il a été établi en 1969 dans le but de servir de centre d'accueil aux chercheurs de toutes disciplines tout en facilitant la recherche en milieu tropical et en coordonnant les projets en cours. Le centre se voit assuré la collaboration de l'Association martiniquaise pour toutes initiatives de rénovation des lieux historiques et autres activités culturelles. Directeur: Jean Benoist.

Centre de recherches écologiques de Montréal — a été établi en 1970 par le conseil de l'université dans le but de développer des équipes de recherche, et de collaborer avec les instances compétentes des autres parties constituantes (l'Université du Québec à Montréal et la Ville de Montréal) à la formation de chercheurs

spécialisés dans les champs d'activités du centre. Directeur général: André Champagne.

Centre de recherches et d'innovations urbaines — cet organisme universitaire de recherche à vocation interdisciplinaire a été créé en 1970 par le conseil de l'université. Il se propose une amélioration des conditions de vie urbaine obtenue grâce à une recherche constante dans le domaine de l'aménagement du génie urbain. Directeur: Guy Desbarats.

Centre de recherches mathématiques — créé en 1968, il entrait en fonction l'année suivante. Ce centre a principalement pour objet la recherche fondamentale en mathématiques appliquées et au rayonnement de cette discipline par des séances d'études, des symposiums, l'organisation de groupes de chercheurs, etc. Directeur: Lucien Le Cam.

Centre de sondage — cet organisme a été institué en 1969 par le comité exécutif et assure sa collaboration à des projets de recherche, au moyen d'enquêtes par sondage; ses sources d'information sont multiples et permettent un échantillonnage adéquat qui favorise la recherche scientifique. Directeur: Jacques Brazeau.

Centre international de criminologie comparée — en accord avec la Société internationale de criminologie et l'Université de Montréal, cette institution a débuté en 1969. Elle est destinée à faire progresser les travaux de recherche comparée, à la formation d'un personnel professionnel en justice pénale, à la diffusion des expériences transculturelles, aux échanges d'informations entre différents

pays, y compris les États socialistes et les nations du tiers-monde. Directeur: Denis Szabo.

ÉCOLES AFFILIÉES L'université confère les diplômes et les grades aux étudiants de ces écoles qui, soumises à ses règlements d'ordre universitaire, ne relèvent pas de son administration.

École des hautes études commerciales, 5255, avenue Decelles, Montréal 250 (Québec). Directeur: Roger Charbonneau, LScCom, CA, MBA. Fondée en 1907 par le gouvernement de la province de Québec. Affiliée depuis 1915 à l'université dont elle est en fait la faculté de commerce. L'école décerne: (1) le baccalauréat en administration des affaires (BAA); (2) la maîtrise en administration des affaires (MAA).

École polytechnique, 2500, avenue Marie-Guyard, Montréal 26 (Qué.). Directeur: Roger-P. Langlois, SM, BScA, Ing. Fondée en 1873, on l'annexa à la faculté des arts de l'Université Laval en 1887. Après quelques années, il parut de plus en plus évident qu'il fallait la doter d'une corporation indépendante pour veiller de plus près à ses intérêts, et le 8 janvier 1894 le gouvernement sanctionna le projet d'incorporation. Actuellement l'école est affiliée à l'Université de Montréal dont elle est en fait la faculté des sciences appliquées. Les étudiants peuvent s'inscrire à l'une des huit options du programme d'études qui conduit au diplôme d'ingénieur avec mention de l'option choisie; en outre, l'Université de Montréal accorde en même temps que le diplôme d'ingénieur le grade de bachelier ès sciences appliquées. L'école possède aussi un centre de recherche spécialement destiné aux recherches en sciences appliquées dans les diverses branches du génie. Les étudiants peuvent y approfondir leurs connaissances scientifiques et techniques et obtenir, moyennant les conditions ordinaires, les grades de maîtrise et de doctorat ès sciences appliquées.

MOUNT ALLISON UNIVERSITY*

Sackville, New Brunswick

Telephone: 506-536-2040

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – H.R. Crabtree, BSc, LL.D. President – L.H. Cragg, MA, PhD, DCL, DSc, FCIC. Vice-president (academic) – Cyril Poole, MA, PhD. Vice-president (administration) – Anthony Bailey, OBE, DSO, ED, CD, MBE.

GENERAL INFORMATION Mount Allison is a privately endowed and co-educational university. While it is directly connected with the United Church of Canada, the university is conducted on non-sectarian principles.

BACKGROUND Mount Allison Wesleyan College, founded in 1843 as an academy, was in 1858 granted the power to confer degrees by the legislature of the province of New Brunswick. The original university faculties were those of arts and science. In 1875, a faculty of theology was added and the schools of applied science and home economics were established in 1903. After church union in 1925, an arrangement was made with Pine Hill Divinity Hall, Halifax, by which the theological subjects, except for the first year, should be taught at Pine Hill. In 1937, the conservatory of music and the Owens School of Fine Arts, previously under separate administration, were added to the faculties of the university.

*Ordinary member, AUCC.

In 1913 the name was changed to Mount Allison University and at the same time the name of the corporation was changed to the Regents of Mount Allison. In 1963, the name of the corporation was changed to Mount Allison University. University teaching began in 1859 and the first degrees were granted in 1863. Government of the university is vested in a board of regents, a senate and a faculty council.

BOARD OF REGENTS The direct government of the university is vested in a board of regents, entrusted with the general management of affairs. Under the 1963 Mount Allison University Act the board consists of 49 members: 3 ex-officio members, 20 appointed by the General Council of the United Church of Canada, 20 representatives of the federation alumni, 4 appointed by the board of regents and 2 by the faculty of the university.

SENATE The Senate is charged with regulating the educational concerns of the university. The senate is a representative but predominantly academic body consisting of all heads of academic departments, 6 elected faculty members, 6 elected students, 6 members elected by the board of regents, and 6 members ex officio.

FACULTY COUNCIL The Faculty Council gives consideration to certain academic matters before they are dealt with by the senate.

PUBLICATIONS The university calendar, and various academic brochures (science, music, scholarships and bursaries) are

available through the registrar's office. Summer school and extension department calendar available through the extension department. President's report (annually), Argosy (students-weekly), Mount Allison record (alumni-quarterly), the Wood lectures (occasionally), Allisionian (student yearbook), Encounter (student literary magazine), and Mount Allison newsletter (bi-monthly) — available through the information office.

ACADEMIC YEAR Winter session: mid-September to early May. Summer session: early July to mid-August.

BUILDINGS AND GROUNDS The university is located on a hilltop in the centre of Sackville and overlooks the Tantramar marshes. The campus comprises approximately 100 acres. There are nine teaching buildings, a library (195,000 volumes), a chapel, an art gallery, administration facilities, a convocation hall (seating capacity 1,550), a rink, a gymnasium, a students' centre, a swimming pool, and playing fields. Mount Allison is basically a residential college and there are three residences for women and six residences for men.

STUDENT RESIDENCES There are three women's residences, Windsor, Harper and Palmer halls which accommodate 456 students. There are six men's residences which together provide accommodation for 553 students (Trueman, Bennett, Bigelow, Hunton, Edwards and Thornton houses).

LIBRARY The Ralph Pickard Bell library is housed in a new building, completed in July 1970, and is designed to house 400,000 volumes and to seat 500 students. It provides up-to-date facilities for the use of all types of audio-visual materials (recordings, tapes, microfilms, films and slides), as well as other services. The library's holdings total 195,000 volumes of catalogued books, periodicals and government documents. It has current subscriptions to over 1,500 serial publications and is also a depository for Canadian federal government documents and maps. Among the special collections maintained in the library are the university archives, the Winthrop Bell collection of Acadiana and the Mary Mellish Archibald collection of folklore, ballads, music, drama and modern poetry. The library also maintains departmental collections in the chemistry and geology department, and a music library which houses the university's collection of books, periodicals and recordings in this subject.

STUDENT LIFE Superior facilities are available for athletic events. Students may participate in major and minor sports at both the intercollegiate and intramural levels. Drama flourishes on the thrust stage in the convocation hall or in two smaller theatres. Musical interests can be developed through a choral society, symphonic band, chamber groups, folk groups, etc. Student organizations sponsor and control internal radio and a student newspaper. General student welfare is supervised by the Student Administrative Council and student discipline is under the control of house councils. The students have representation on the senate and executive committee and are observers on the board of regents.

MEDICAL SERVICES An infirmary, located in Harper hall is open to all students during the university year. A graduate nurse is on duty and a campus physician is on call. There is on campus as well a local medical clinic.

STUDENT COUNSELLING SERVICES The university Canada Manpower Centre on campus offers assistance to students in career planning and encourages them to take advantage of this service in their early years at university. Information on various

careers, company material, and employment directories are at the disposal of the students.

UNIVERSITY BOOKSTORE Textbooks, stationery and other supplies are for sale in the Mount Allison bookstore.

STUDENT EMPLOYMENT The Department of Manpower and Immigration, in co-operation with Mount Allison, provides a full-time student placement service to prospective graduates and undergraduates. The centre assists students in obtaining permanent, summer and part-time employment. It invites many employers representing government, industry and business to recruit on campus annually for personnel.

STUDENT UNION Every student registered in three full courses is a member of the Mount Allison Student Union. The affairs of the union are overseen by the Student Administrative Council, composed of 20 elected students. The union and the SAC are headed by an executive which consists of a president, two vice-presidents, a secretary, and a treasurer, all of whom are elected to their position by a vote of the union. The union operates on a budget of approximately \$65,000 a year, the money being obtained from the university administration, after the collection from each student of a commutation fee of \$60. With this money, the union sponsors varsity athletics, prepares a yearbook, a handbook, a directory, a literary magazine, sponsors many clubs and societies, and generally endeavors to operate in the student's best possible interests.

GRADING SYSTEM Standing is graded in each subject by division — division I: 80-100%; division II: 70-79%; division III: 60-69%; pass: 50-59%; failure: below 50%.

STUDENT AWARDS AND FINANCIAL ASSISTANCE The university awards a substantial number of entrance scholarships for new students. The value of the scholarships ranges from \$400 to \$1,500 per year and many of them are renewable. These scholarships are based on the candidate's academic record and in some cases financial need is taken into account. Bursaries are also available to students demonstrating financial need.

GRADUATION There is a fall and spring convocation.

FEES AND COSTS Fees for tuition and other activities for all full-time undergraduate programs are \$695 per annum. Part-time fees (per subject) are \$125. Education and postgraduate programs, \$685.

Residence fees, room and board, \$940 — \$1,040.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Grade 12 from New Brunswick schools with a minimum average of 60% on six subjects from English, second language, mathematics (algebra and geometry), geography, history, economics, physics, biology, chemistry, music, fine arts and additional mathematics, or equivalent standing from other provinces. A registration deposit of \$60 of which \$10 is a service fee and \$50 is refundable prior to August 15.

2. Tests for admission. SACU test scores are required.

Foreign students

British Commonwealth – GCE O level or equivalent standing. USA – grade 12 graduation with SAT and CEEB achievement scores. Applicants submitting the international baccalaureate will be considered for admission. Students whose mother tongue is not English must submit results of one of the recognized tests of proficiency in English.

Graduate

For admission to courses leading to a first degree in education, a bachelor's degree is required.

COURSES AND DEGREES

ARTS

Faculty of arts

Bachelor of arts (BA). Four years from junior matriculation. Honors available in biology, Canadian studies, chemistry, economics, English, French, geology, German, Greek, history, Latin, mathematics, music, philosophy, physics, political science, and psychology.

Business, see commerce below

COMMERCE

Faculty of arts

Bachelor of commerce (BComm). Four years from junior matriculation, with specialization in accounting, economics, or mathematics.

EDUCATION

Faculty of arts

Bachelor of education (BEEd). One year after graduation in arts, science, or commerce.

ENGINEERING

Faculty of science

Certificate in engineering. First three years of engineering course from junior matriculation. Arrangements have been made with other Canadian universities to permit holders of this certificate to attain their engineering degree in an additional two years. After two years (beyond junior matriculation) students may enter the architecture course at Nova Scotia Technical College.

FINE ARTS

Faculty of arts

Bachelor of fine arts (BFA). Four years from junior matriculation.

MUSIC

Faculty of arts

Bachelor of music (BMus). Four years from junior matriculation.

Bachelor of arts with major in music (BA). Four years from junior matriculation.

Bachelor of music education (BMEd). One year following BA with major in music, or equivalent.

Science, applied, see engineering above

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). Four years from junior matriculation. Honors available in biology, chemistry, geology, mathematics, and physics.

Master of science (MSc). Usually 18 months from an honors bachelor's degree in science. Available in chemistry.

SECRETARIAL SCIENCE

Faculty of arts

Bachelor of arts with secretarial certificate (BA with secretarial certificate). Four years from junior matriculation.

THEOLOGY

Faculty of arts and Pine Hill Divinity Hall

Bachelor of arts (BA). Four years in arts from junior matriculation at the university and three years at Pine Hill Divinity Hall.

EXTENSION PROGRAMS

For university credit

Correspondence Courses. Courses offered in a number of arts subjects. Evening classes – courses offered by regular faculty members in arts and education subjects. Summer school – undergraduate course in arts, science, and education.

For no university credit

Special summer school programs – the United Nations seminar for high school students, summer art workshop, instrumental music camp, music teachers' refresher course, summer school of ballet. Also summer athletic camps in basketball and football.

MOUNT SAINT VINCENT UNIVERSITY*

Halifax, Nova Scotia

Telephone: 902-453-4450

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — His Excellency, Most Reverend James Hayes, JCD, DD, Archbishop of Halifax. President — Sister Catherine Wallace, PhD.

GENERAL INFORMATION Mount Saint Vincent University is a liberal arts and science university operated by the Sisters of Charity of Halifax. The campus is situated in Rockingham, a suburb of Halifax. The university is pre-eminently a women's university, but men are admitted as non-resident students.

BACKGROUND Mount Saint Vincent University was granted a charter by the legislature of the province of Nova Scotia in 1925. Since 1914, it had been a junior college working under agreement with Dalhousie University to give the first two years of the arts course. The first degrees were awarded in 1927. Present authority is that given by a new charter granted by the Nova Scotia legislature in 1966. The charter provides for government by a board of governors appointed chiefly by the council of the Sisters of Charity (the university corporation) with members named also by the university alumnae and the governor-in-council. In September 1969, an agreement was made with Dalhousie University, to

be implemented over a period of five years. Each university is now represented on the senate of the other and committees are working toward the awarding of joint degrees. Early in 1972, Mount Saint Vincent University also entered into a co-operative agreement with the Nova Scotia College of Art and Design.

BOARD OF GOVERNORS The board consists of 30 members appointed by council, alumnae, student body, faculty — Dalhousie University, and the lieutenant-governor-in-council of Nova Scotia. The government and financial aspects of the university are the prime responsibilities of the board of governors.

SENATE Senate consists of 27 members composed of administration, faculty, student members, and representatives of Dalhousie University. The senate determines academic standards.

INCOME (1971) Total operating and capital income — \$1,791,177 (government grants, 64%; academic fees, 33%; gifts and endowments, 2%; other, 1%).

ACADEMIC YEAR Winter session: mid-September to early May. Summer session: early July to mid-August. Intersession: mid-May to late June.

BUILDINGS AND GROUNDS The campus is situated in Rockingham, a suburb of Halifax, overlooking Bedford Basin. A modern network of highways offers easy access to the centre of the city. Thus the university can meet the educational needs of the growing metropolitan area of Halifax. Evaristus hall, the main

*Ordinary member, AUCC.

university administration, also houses classrooms, laboratories, the library and residence facilities for students.

Seton Academic Centre, the university's new academic complex, has the capacity for 1,500 students. Opened in 1971, the centre features a circular auditorium convertible into four theatre classrooms and houses a number of academic departments, the art gallery, language laboratories, board room, faculty offices and lounge, seminar and classrooms.

STUDENT RESIDENCES Assisi hall, a 12-storey tower residence, was opened in 1966. It has single and double rooms for 140 students as well as lounges and reading rooms. Rosaria, also opened in 1966, houses the offices of the student services. It is the centre of student council activities, containing the main dining room, several smaller dining areas, the students' common lounge, the office of the student newspaper and the bookstore. Rosary hall, Marywood and Marillac are large homes in the immediate vicinity of the campus which have been converted into student residences. Vincent hall, a portion of the motherhouse of the Order of the Sisters of Charity, also provides residence facilities for students. Five townhouses — each accommodating twenty students — are now under construction on the campus.

LIBRARY The library occupies the north wing of Evaristus. The collection consists of 87,000 volumes and subscriptions to 600 current periodicals as well as representative Canadian and foreign newspapers. The audio-visual room provides microfilm, tapes, and spoken-word recordings as well as musical recordings. Two special collections are housed by the library: the MacDonald collection of English literature given to the university by William MacDonald of Sydney, Nova Scotia, contains first editions, limited editions, autographed copies, as well as many examples of fine binding. The women's library centenary collection was opened in 1967 as the university's project for Canada's centenary year on a continuing basis. Its scope includes the history of women with all its related cultural and ethnic, sociological and historical, political and professional aspects on an international level. In addition to the materials available at the Mount Saint Vincent University library, students and faculty have reciprocal library privileges with a common borrower's card with the Killam Library of Dalhousie University and the Nova Scotia Technical College library.

STUDENT LIFE The dean of students is responsible for developing and co-ordinating student personnel services. Through frequent communication with the various members of the academic community, the needs of the students are provided with the required personnel and facilities. Chaplaincy service is available on campus.

The athletic director is available to help plan and co-ordinate the athletic activities of the students. Through membership in the Atlantic Women's Intercollegiate Athletic Union, Mount Saint Vincent is eligible to participate in the intra-university sports — volleyball, basketball, etc. An intramural program is also provided. Provision is made for golf lessons, swimming, skating, and curling. Through affiliation with Dalhousie, the Mount students are welcome to participate in Dalhousie-sponsored intramural activities.

MEDICAL SERVICES The student health office provides the services of a registered nurse. A physician and psychologist are on call for emergency situations and are available for appointments. Although the primary concern of this office is the physical health of each student, the health team is often involved directly or indirectly in the treatment of the emotional problems of the students. Referrals to the psychologist may be arranged through the university physician or nurse.

STUDENT COUNSELLING SERVICES The counsellor is one of the many persons on campus available to all students for individual help with educational, vocational, personal, and social problems. The counsellor is most concerned with assisting students in realizing and developing their own capacities and interests within the university environment.

UNIVERSITY BOOKSTORE The bookstore stocks the necessary academic material to support the study programs of the university. Normally, no special discounts are offered.

STUDENT EMPLOYMENT Jobs are made available to students during the academic year and during summer. They take on duties on the maintenance, housekeeping, general office and switchboard staffs as well as in laboratories as assistants. Students are also employed by the food services contractor.

The services of the Department of Manpower and Immigration are available through the Manpower Centre. It is recommended that students register with the centre at their earliest convenience. The main concern of the manpower office is with the graduates; efforts are made to aid the graduating students find employment. In addition, the manpower office assists undergraduates in their search for part-time and full-time employment.

STUDENT GOVERNMENT Student activities are regulated generally by the student council, an elected group. The council membership includes a co-ordinator of various club activities and the council provides financing for the students' newspaper.

GRADING SYSTEM Numerical grading is used. Merit is indicated as follows — section I: 85-100%; section II: 70-84%; pass: 50-69%; failure: below 50%. One unit of credit is given for a two-semester course; one-half unit for a one-semester course.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Merit scholarships available to undergraduates have been made possible through the generosity of the Sisters of Charity and benefactors who wish to assist the university to achieve its aim of providing higher education for women.

Entrance scholarships are awarded on academic achievement. Scholarships ranging from \$300 to \$1,000 are available to all applicants. No special application is necessary for scholarships. On application to the university the scholastic record of each applicant is considered and scholarships awarded accordingly. The Canada Student Loans Plan is available to students who can demonstrate need of financial assistance to undertake or continue university studies. In addition to the loan, a Nova Scotia student may obtain a bursary, up to a maximum of \$600, which is not repayable.

FINAL EXAMINATIONS Final examinations are held at the professor's discretion. These are written the latter part of April. Supplemental examinations are permitted.

GRADUATION Degrees conferred by senate in the fall and in May. Awarded at convocation in May and conferred by the chancellor.

FEES AND COSTS Full-time tuition fees per year: undergraduate, \$712.75; graduate study, \$150 per course. Part-time fees (per subject), \$150 per course up to four courses. Board and room, \$937-\$1,112.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Nova Scotia grade 11 with a minimum average of 60% and no grade below 50% in five subjects. Nova Scotia grade 12 with minimum average of 60% on five academic subjects may give credit for first-year courses (except nursing). Certificates of equivalent standing are required from other provinces.

2. Tests for admission. SACU scores are required.

3. Specific requirements. Home economics accepted only for home economics. Science: chemistry normally required. Home economics: chemistry normally required, home economics permissible. Nursing: Nova Scotia grade 12 in five subjects, with good grades in biology, chemistry, mathematics (restricted enrolment).

Foreign students

USA: a) grade 12 high school academic graduation with at least 15 points; b) principal's recommendation; c) CEEB scores. British Commonwealth, Hong Kong, West Indies and Africa: a) GCE O-level in five subjects including English; b) students whose mother tongue is not English must submit satisfactory scores on test of English as a foreign language of the University of Michigan English language test. Applicant submitting the international baccalaureate will be considered for admission.

Mature students

Special entrance may be granted to students who have not completed the formal requirements of high school graduation, but who have demonstrated their capability in employment or in private study. Such students normally will be admitted only if they are more than 21 years of age.

Graduate

1. A formal application for admission to graduate studies is required of all students and forms are secured from the registrar's office.

2. For admission to graduate study a student must have obtained a first degree, a specified number of credits in the major subject, and the fulfilment of certain prerequisite courses.

Date for receipt of applications

Canadian students – August 15; foreign students – May 1.

COURSES AND DEGREES

ARTS

Bachelor of arts (BA). Four years from junior matriculation. Three years from senior matriculation. Areas of emphasis: business, language and literature, philosophy, social science, sociology, and theology. Majors may be taken in business-economics, economics,

English, history, mathematics, modern languages, political studies, psychology, and sociology.

Master of arts (MA). At least two years or four summers from the bachelor's degree. Available in education and home economics education.

BUSINESS

Diploma in medical secretarial science. Two years from junior or senior matriculation.

Diploma in secretarial studies. Two years from junior or senior matriculation.

Bachelor of business administration (BBA). Four years from junior matriculation, three years from senior matriculation. Required and elective courses in business and economics, including accounting and management.

EDUCATION

Bachelor of education (BE). One year from a first bachelor's degree. Prepares students for both elementary and secondary school teaching and business teaching.

HOME ECONOMICS

Bachelor of science in home economics (BScHEc). Four years from either junior or senior matriculation with a major in foods and nutrition. Concentrations in administration, nutrition.

Bachelor of home economics (BHEc). Four years from junior matriculation, three years from senior matriculation. Concentrations in clothing, textiles and design, or consumer studies or family studies, or home economics education.

NURSING

Bachelor of science in nursing (BScN). Four calendar years from senior matriculation.

SCIENCE

Bachelor of science (BSc). Four years from junior matriculation. Majors offered in chemistry and biology.

EXTENSION PROGRAMS

For university credit

Evening classes — undergraduate classes in arts and science. Graduate classes in education and home economics education. Summer

school — undergraduate classes in arts and science. Graduate classes in education and home economics education.

SPECIAL PROGRAM A psycho-educational centre for the diagnosis and remedial treatment of reading problems.

UNIVERSITY OF NEW BRUNSWICK*

Fredericton, New Brunswick

Telephone: 506-475-9471

Cable: U.N.B., Fredericton, New Brunswick

Telex: 016-46186

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – Sir Max Aitken, Bart, DSO, DFC, LLD. Acting president – W.C.D. Pacey, BA, PhD, FRSC. Vice-president (academic) – W.C.D. Pacey, BA, PhD, FRSC. Vice-president (administration) – B.F. Macaulay, BSc, LLD.

GENERAL INFORMATION The University of New Brunswick is a provincial university. It is co-educational, non-denominational, and publicly supported. The major financial support to the university today comes from government, and is administered by the New Brunswick Higher Education Commission. The university operates on two campuses, but shares its larger campus with two other institutions.

BACKGROUND The University of New Brunswick was established by the governor and council of New Brunswick on December 13, 1785, as the Academy of Arts and Science. It was transformed into the College of New Brunswick by provincial

charter in 1800, and, by royal charter, it became King's College in 1828. In 1859, it was again reconstituted, and given the name University of New Brunswick. The first degrees were awarded in 1828. The first course in engineering at a Canadian university was offered at UNB in 1854, and in 1908 a course in forestry was introduced. The University of New Brunswick in Saint John (a branch of the University of New Brunswick) was established in 1964 and in 1969 moved to its present campus in Tucker Park.

BOARD OF GOVERNORS The board had in 1971-72, 29 members, 9 ex officio, 9 appointed by government, 5 elected by the associated alumni and alumnae, 1 elected by the New Brunswick Teachers' Association, 4 elected by the faculty, and 1 appointed by the board itself. In 1972-73, three members, elected by the students, will be added. The president of the university is chairman of the board. The board is responsible for the finances and property of the university, and makes all appointments, promotions, and grants of tenure and leave on the recommendation of the president. It has the power to establish new schools, faculties, and programs of study, and to confer degrees on the recommendation of the senate. It has the power of final decision on any question regarding the powers and duties of other bodies and individuals within the university. It must be informed of all course changes approved by the senate.

SENATE The senate is the senior academic body within the university. In 1971-72, it had 47 members, of whom 13 were directly elected by faculties, 6 elected by the faculty at large, and 6 elected by the students. There were 15 ex-officio members, and 3 appointed by the board of governors. In addition, the 4 elected

*Ordinary member, AUCC.

faculty members of the board are ex-officio members of senate. The president is chairman of the senate.

The senate recommends to the board the conferring of degrees, prizes, and awards. It is responsible for determining the courses of instruction leading to degrees, and for the establishment and maintenance of academic standards. In practice, many matters, having both academic and financial implications, are considered, and finally approved, by both senate and board of governors, with the initial recommendation normally coming from senate.

INCOME In 1970-71, the operating income of the university was \$18,876,000, with 66% of this coming from government, via the Higher Education Commission, 20% from student fees, 7% from sponsored research, and 7% from other sources.

In 1970-71, also, the university's income for capital expenditures was \$4,500,000, of which the largest part came from the New Brunswick Higher Education Commission. The remainder came from gifts by alumni, faculty, and friends of the university.

PUBLICATIONS The following calendars and/or brochures are published annually: general university calendar, school of graduate studies calendar, faculty of law calendar, summer session calendar, freshman bulletin, faculty publications and research resources summary.

ACADEMIC YEAR Winter session: early September to end of April. Summer session: early July to mid-August. Intersession: early May to mid-June.

BUILDINGS AND GROUNDS The university has two campuses, one in the capital city, Fredericton, (population 25,000), and a second campus in Saint John, (population 95,000). There are over 40 buildings on the Fredericton campus, including those for the New Brunswick Teachers' College (English language), St. Thomas University, a Roman Catholic co-educational university associated with U.N.B., the Maritime headquarters of the federal Departments of Fisheries and Forestry, and the offices of the New Brunswick Teachers Federation.

The campus in Saint John presently consists of three buildings, arts, science, and a combined library-administration building. Both campuses have adequate room for expansion.

STUDENT RESIDENCES The Fredericton campus has eight men's residences accommodating 800 men, and four women's residences providing accommodation for 500 women. Co-operative housing units are also available for both single and married students near the university campus. The Saint John campus has no residence accommodation.

LIBRARIES On the Fredericton campus, the Harriet Irving Library has a collection of 365,000 volumes and subscribes to 6,900 periodicals and series. In addition to the main library, it also maintains special branch libraries in engineering, forestry, biology, chemistry and physics. It includes the Rufus Hathaway collection of Canadian literature and has a unique collection of New Brunswick newspapers. The law library, which is separate, contains 37,000 volumes and subscribes to 700 periodicals and series. On the Saint John campus, the Ward Chipman Library has 52,000 books, and 800 periodical titles. It is in the process of considerable expansion.

STUDENT LIFE Student services, under the dean of students, include an accommodations office, undergraduate and graduate awards offices, counselling services, a high school relations officer, an overseas student advisor, and a placement office. In addition, on the Fredericton campus, students have the benefit of a wide range of athletic activities, and a creative arts program, with several resident artists. On the Saint John campus, while services are limited because of size, counselling and accommodation assistance is provided. Other student services function for both campuses.

MEDICAL SERVICES A student medical insurance plan is in effect. On the Fredericton campus, a health service is provided with full-time nursing staff, and a panel of doctors. This is available to all students, and available to staff in emergencies. In Saint John, special arrangements are made with local doctors.

STUDENT COUNSELLING SERVICES On the Fredericton campus, there is a director of counselling, with several staff members (some part-time). Both individual and group counselling is provided. Emphasis is placed on educational improvement. There is a student counsellor in Saint John; similar emphasis to that on the larger campus.

UNIVERSITY BOOKSTORES Both campuses have university bookstores. These carry all prescribed textbooks and references. They also carry general books. The Fredericton bookstore has a very large number of paperbacks in stock. It also stocks general supplies and crested items. Special items are carried by request, when possible.

STUDENT EMPLOYMENT The university placement office (Fredericton) assists students in finding both part-time summer jobs and permanent employment. It operates a program of visits and interviews by representatives of potential employers. The placement office works closely with local Manpower offices.

STUDENT UNION There are elected student representative councils on each campus. They organize and approve most non-academic student activities, including newspapers and closed-circuit radio. They also present student concerns and recommendations to the university administration. There is an S.R.C. fee of \$35 for all full-time students.

The student union building in Fredericton was built by funds raised by the students of U.N.B., St. Thomas University, and Teachers' College, and matched by the university. It has its own board of directors, eight students and two others appointed by the university. The Memorial Student Centre was provided by the alumni, and is also in use as a student centre.

GRADUATE STUDENT ASSOCIATION There is a graduate student association which represents all students in the school of graduate studies. In addition to social events, it is a channel for presenting the views of graduate students to the university and to the S.R.C. It has an elected executive.

GRADING SYSTEM Generally in percentage marks. 1st division — 75% and above; 2nd division — 65-74%; 3rd division — 50-64%; below 50% — fail. In the faculties of law, engineering and forestry, a student must maintain a weighted average of 55%. Marks over 35% may be allowed as fail-credits. In education, a student must maintain an average of 55%.

STUDENT AWARDS AND FINANCIAL ASSISTANCE For undergraduates, there is an undergraduate awards

office which looks after entrance and undergraduate scholarships, university loan funds, and other financial aid to students. In the school of graduate studies, there is a research grants officer who provides information on research grants and university fellowships.

FINAL EXAMINATIONS The majority of university courses have final examinations held in December for first-term courses and in April - early May for year-courses and second-term courses. An instructor may waive the final examination in a course, with departmental approval, but, if so, must inform the students and the registrar of the method of assessment within 30 days of the first lecture. Supplemental examinations are permitted to full-time students in arts, business administration, nursing, and science, to students with not more than two failures, where the mark is 35% or more, and less than 50%.

Special examinations are permitted to students who were ill at the original date of writing. They are normally held in conjunction with supplemental examinations. In 1972, supplemental examinations were held in the second week of August.

GRADUATION Degrees are conferred at graduation exercises in the third week in May (Encaenia) and late October (fall convocation). Degrees are normally conferred by the president and vice-chancellor, in the presence of the visitor, the chancellor, the board of governors, and the faculty.

FEES AND COSTS Tuition fees per year — full-time: undergraduate — arts, business, engineering (1st year), forestry, law, physical education (1st year), science, \$612; education, nursing, physical education (2nd to 4th year), teaching, \$587; engineering (2nd to 5th year), \$642. Miscellaneous compulsory fees per year: undergraduates and graduates, \$35.

Residence rates, board and room: single, \$1,000; double, \$925; multiple, \$850.

ADMISSION REQUIREMENTS

Canadian students - undergraduate

1. New Brunswick grade 12 with six departmental examination passes.
2. Equivalent certificates. Grade 12 from Nova Scotia and Prince Edward Island and grade 11 from Newfoundland (special consideration) with six departmental examination passes. Grade 11 from Quebec with seven high school examination passes. Grade 12 from Ontario (five-year arts and science program only), Manitoba, Saskatchewan, Alberta, Northwest Territories and British Columbia, with six subjects.
3. Tests for admission. SACU scores required from all applicants.
4. Specific requirements. Arts, business administration, and physical education: minimum average 60% Maritimes; 70% Quebec; 65% other provinces; no subjects below 50%. Subjects required: English (or français), Quebec (2 papers), mathematics (algebra or equivalent) and four options from economics, français (or English), history, geography, Latin, biology, chemistry, physics, geometry (or equivalent), trigonometry, (Nota Bene: only political

science, communications, art or music); if school marks are submitted without departmental examinations, a minimum SACU total of 1410 (3 scores) is required. Note: for business administration and certain programs in arts, geometry (or equivalent) must be chosen as one option.

Engineering, forestry, forest engineering, and science: minimum average 60% Maritimes; 70% Quebec; 65% other provinces; no subject below 50%. Subjects required: English (or français), (Quebec 2 papers), 2 mathematics, (algebra and geometry or equivalent), 3 options from français (or English), economics, history, geography, Latin, biology, chemistry, physics, trigonometry; if school marks are submitted without departmental examinations, a minimum SACU total of 1410 (3 scores) is required.

Nursing: minimum average 70%, no subject below 50%; if school marks are submitted without departmental examinations, a minimum SACU total of 1500 (3 scores) is required.

An Ontario grade 13 applicant may be accepted into second year if the normal admission requirements have been met and if he has obtained a minimum average of 65% with no mark below 50% on five first-year subjects acceptable to the faculty. CEGEP students after graduation from their program may be admissible to second year if the normal admission requirements have been met and first-year subjects acceptable to the faculty were taken at CEGEP.

Second bachelor's degrees

Law — a recognized bachelor's degree with, for New Brunswick applicants, an average of 65% or better over the last three years of full-time study, or an LSAT score of 575 or better; for other applicants — an average of 3.0 on a 4.0 scale, or equivalent, over the last three years of full-time study or an LSAT score of 625 or better. (1) Education (post-graduate BED). (2) A recognized bachelor's degree with a general average of at least 60% at the university, or the equivalent, including at least ten courses in subjects taught in New Brunswick high schools.

Foreign students

USA: high school record and CEEB scores; SAT minimum total of 1000 (two scores) and three achievement tests (English, mathematics, and one other) minimum total of 1500. UK and British Commonwealth: SACU scores if possible and GCE O-level passes (minimum grade C or 3) in English, mathematics and four academic options. Applicants with three appropriate A-level subjects (minimum grade C) may be admissible to second year. Students whose mother tongue is not English must write one of the following: University of Michigan English language test, test of English as a foreign language, or Cambridge English language test.

Mature students

Applicants who do not meet the usual entrance requirements may be considered by the admission committee. Normally those eligible must have been working for at least two years prior to application. While consideration will be given to any one applicant over the age of 21, those between the ages of 21 and 24 are normally expected to have met most of the high school requirements for university entrance. More latitude will be allowed in considering the applications of those who are over 24 years of age and have been earning their living for a number of years.

Graduate

1. For admission, the minimum acceptable requirement would be a recognized bachelor's degree with the equivalent of second-division standing (65%) at the University of New Brunswick. Overseas students may be required to write the English language institute examinations. Specific requirements, in terms of prerequisite courses, or number of courses, may be made by departments. Applicants to the PhD program may be required to write qualifying examinations.

2. Specific requirements: MA degree program – a U.N.B. honors degree, or its equivalent in the subject professed; MSc degree program – a U.N.B. honors degree, or its equivalent; MEd degree program – a U.N.B. BEd degree or its equivalent, with a 70% average and at least two years' teaching or related experience; MScFor, MFor, MScE, MEng, MSc (CS) – at least equivalent of a U.N.B. degree with second-division standing, and specialization in the relevant discipline.

COURSES AND DEGREES**ARTS**

Faculty of arts

Bachelor of arts (BA). (a) General course, four years from grade 12. A student must choose a major in one or two subjects in upper years. Twenty credits required. (b) Honors course, four years from junior matriculation. Honors available in anthropology, biology, chemistry, economics, English, French, geology, German, Greek, history, Latin, mathematics, philosophy, physics, political science, psychology, sociology, Spanish, and combinations of most of these.

School of graduate studies

Master of arts (MA). Two academic years from bachelor's degree. Residence requirement may be shortened on recommendation of department or departments concerned. Available in anthropology, classics, economics, English, French, German, history, mathematics, philosophy, political science, psychology and sociology, and Spanish.

Doctor of philosophy (PhD). At least three years from bachelor's degree or two years from master's degree. Presently available in English, history, and mathematics.

BUSINESS ADMINISTRATION

Faculty of arts

Bachelor of business administration (BBA). Twenty-three credits required, eight in business, two in mathematics: electives available in arts, science and business administration. Admission from grade 12.

Certificate in business administration – management certificates. A five-credit program, through extension, including three business and one economics credit.

COMPUTER SCIENCE

Faculty of engineering

Bachelor of science in computer science (BScCS). A four-year program from grade 12. Twenty-three credits required, at least half in computer science and mathematics.

Master of science in computer science (MScCS). At least one year from previous appropriate degree.

EDUCATION

Faculty of education

Bachelor of physical education (BPE). Four years from grade 12. Twenty-three credits required, eleven in arts and science, the remainder professional. Gymnasias, swimming pools, ice-rink and outdoor facilities for activity training are good.

Bachelor of teaching (BT). Four programs available: a) elementary; b) industrial; c) home economics; d) commercial. All programs largely restricted to graduates from either New Brunswick Teachers' College or New Brunswick Institute of Technology.

Bachelor of education (BEd). One year following recognized bachelor's degree. Practice teaching is required in part of the program, except for those who already hold a teacher's licence. Core program with electives.

School of graduate studies

Master of education (MEd). Minimum of one year from bachelor of education degree. A report and oral examination required. Program may be entirely in education, or with arts or science electives, or half in an academic discipline.

ENGINEERING

Faculty of engineering

Bachelor of science in engineering (BScE). Five years from grade 12, four years from grade 13. Specialization offered in chemical, civil, electrical, mechanical, and surveying engineering. First three years of mining engineering also offered.

Bachelor of science in forest engineering (BScFE). A five-year program from grade 12 offered jointly by the faculties of engineering and forestry. It includes basic arts and science courses, as well as forestry and engineering subjects.

Diploma in surveying engineering. A one- or two-year program intended primarily for overseas students. Courses selected are based on the individual student's background and needs.

School of graduate studies

Master of engineering (MEng). At least three academic terms from bachelor of science in engineering. Available in civil, electrical, mechanical, and surveying engineering.

Master of science in engineering (MScE). At least one year from bachelor of science in engineering. Available in chemical, civil, electrical, mechanical and surveying engineering, and in theoretical and applied mechanics.

Doctor of philosophy (PhD). At least three years from a bachelor's degree. Presently available in chemical, electrical, and surveying, and in theoretical and applied mechanics.

FORESTRY

Faculty of forestry

Bachelor of science in forestry (BScF). Five years from grade 12, four years from senior matriculation. Specialization in forest entomology, forest engineering, forest products, silviculture, forest pathology, and forest management.

School of graduate studies

Master of forestry (MF). A minimum of one year after bachelor of science in forestry.

Master of science in forestry (MScF). A minimum of one year after bachelor of science in forestry.

LAW

Faculty of law

Bachelor of laws (LLB). Three years from bachelor's degree in arts, business administration, commerce or science. Students in arts or business administration at the university may be admitted at the conclusion of the penultimate year of a first-degree course. Students in arts at St. Thomas University may be admitted to the first year in law.

NURSING

Faculty of nursing

Bachelor of nursing (BN). Four years from grade 12. Number of students restricted. Program includes arts, science required courses and electives as well as theory and practice of nursing. Clinical work is a very important part of the training.

Degree program for registered nurses (BN). A three-year generalized nursing program for registered nurses who meet university entrance requirements. Fourteen arts and sciences courses and four nursing courses are minimum. Field work may be required. Two years may be taken through extension. The final year must be on campus.

SCIENCE

Faculty of science

Bachelor of science (BSc). Four years from grade 12, three years from senior matriculation. Honors courses available in biology, chemistry, geology, mathematics, physics, and general science.

School of graduate studies

Master of science (MSc). At least two years from bachelor's degree in arts or in science. Available in biochemistry, biology, botany, chemistry, geology, physics, physiology, and zoology.

Doctor of philosophy (PhD). At least three years from bachelor of science. Presently available in biology, chemistry, geology, microbiology, and physics.

Combined courses in arts and law enable students to obtain two degrees in less time than if the two courses were taken separately.

EXTENSION PROGRAMS

For university credit

Undergraduate classes offered during the winter session at various centres in arts, science, business administration, and education. Summer session: courses are offered for undergraduates proceeding to a degree and for teachers who may wish to improve their professional qualifications by working towards graduate degrees and diplomas in education. Extension programs: courses are offered in arts, science, education, and business for credit in Saint John, Fredericton, and a number of other centres. Occasionally, these are offered in co-operation with other universities.

For no university credit

In addition to management certificate courses, a few courses are offered on a non-credit basis, particularly in art. The university is presently reviewing its extension program.

SPECIAL PROGRAMS Combined courses in arts or business administration and law enable students to obtain two degrees in less time than if the two courses were taken separately.

RESEARCH INSTITUTES The Bio-Engineering Institute deals with the interaction between man and modern technology (man-machine systems), and the development of electronic controls for artificial limbs. Other work includes analysis of muscle function, mathematical modelling of human operators, development of improved methods of fitting and aligning artificial limbs, investigation of training techniques for voluntary control of skeletal muscles, and development of improved electrodes for electrophysiological monitoring.

Muskeg Research Institute. The institute brings the knowledge and experience of biologists, geologists, foresters and engineers to bear on national and international research and development problems in connection with organic terrain, commonly called muskeg.

Fire Science Centre. The centre aims to promote interdisciplinary

studies on combustion and heat transfer phenomena, with special emphasis on fires, including natural and controlled forest fires.

ASSOCIATED INSTITUTIONS The New Brunswick Teachers' College, U.N.B. Campus, Fredericton, New Brunswick. Principal — Murry Stewart, MA, PhD. A provincial, co-educational institution for the training of teachers (English language). It presently offers two-year programs for elementary, secondary and home economics teachers. Founded originally in 1870 as the provincial normal school, it was moved to the U.N.B. campus in 1964. Students in the secondary program take nine U.N.B. credit courses and may continue at U.N.B. to a BA degree after graduating from teachers' college. The others may continue to bachelor of teaching programs. Amalgamation with the university is under discussion.

St. Thomas University. Established in Chatham, New Brunswick in 1910, as St. Thomas College. Received a university charter in 1934 and was changed in name to St. Thomas University in 1960.

Moved to the U.N.B. campus in 1964. Offers the degrees of bachelor of arts, bachelor of education and bachelor of teaching. Co-educational, Roman Catholic institution. President: Very Rev. Msgr. D.C. Duffie, BA, BCL, JCD, LLD.

St. Thomas University is affiliated with U.N.B. for administrative purposes and shares the library, athletic facilities, and some student facilities. It is an independent institution academically. Students from either institution frequently take courses from the other. A large measure of co-operation exists.

AFFILIATED INSTITUTION The Maritime Forest Ranger School, Fredericton, New Brunswick. Director — H.W. Blenis, BSc, MF, DEd. An interprovincial school for forest rangers, affiliated to the university. It provides a one-year training course for men with some experience in forestry. It also provides certain training facilities for the faculty of forestry at U.N.B. The president, the dean of forestry, and the comptroller of U.N.B. are on a seven-man executive committee.

NOTRE DAME UNIVERSITY OF NELSON*

Nelson, British Columbia

Telephone: 604-352-2241

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – Hugh Keenleyside, MA, PhD, DSc, LL.D, FRHistS, FRGS. President and vice-chancellor – C.L. Kaller, BEd, MA, PhD. Vice-president (academic) and registrar – D.F. Larder, BSc, PhD, FRIC, FRSA.

GENERAL INFORMATION The university is an independent, private undergraduate institution which is co-educational and predominantly residential. The main source of operating income is from the British Columbia provincial treasury. The institution was originally operated by the Roman Catholic Diocese of Nelson but now functions independently under the direction of a board of governors, a board of advisors, and an academic committee (senate).

BACKGROUND Notre Dame College was founded in 1950 by the Most Reverend Martin Johnson, bishop of Nelson, becoming Notre Dame University College in 1960. The college was first affiliated in 1951 to Gonzaga University in Spokane, Washington, then, in 1961, to St. Francis Xavier University in Antigonish, Nova Scotia. This affiliation ended in 1963 when an act of the

British Columbia legislature raised Notre Dame University College to the status of a chartered university, with full power to grant all degrees. The name was changed to Notre Dame University of Nelson and the first degrees were conferred in 1964.

BOARD OF GOVERNORS The board of governors is a 16-member governing board with ultimate institutional jurisdiction. It has the responsibility for the business and financial affairs of the university, and for institutional development. A 33-member board of advisors, made up predominantly of community members, provides advice and recommendations on fiscal matters, public relations and educational policy. The board of governors is constituted of three ex-officio members, two members elected by the faculty, one by the students, one by the board of advisors, and one by the alumni. The remaining members are appointed by the board itself.

SENATE The 21-man Academic Committee serves the role of senate and is constituted of five ex-officio members, five department heads, five elected faculty, four elected students and two members appointed by the board of governors. The board of governors has delegated to the academic committee responsibility for the academic affairs of the institution. Academic decisions with financial implications require approval of the board of governors.

INCOME Total operating income (1971-72) – \$1,248,904 (student academic fees, 26.5%; auxiliary enterprises, 26.0%; grants, 43.5%; other income, 4.0%).

PUBLICATIONS Calendars and brochures for the regular academic session, the "midstart program" (commences 1 February), the summer school of the arts, academic summer session, and

*Provisional member, AUCC.

the Institute of Christian Religious Education, are available from the registrar. The student newspaper, "The Sword", is available from the student union offices.

ACADEMIC YEAR The normal academic year is from the second week of September until the first week of May (September 11, 1972 to May 6, 1973). In addition, a "midstart program" commences January 31, 1973 until May 18, 1973, for students graduating from high school in January and others unable to enter in September. An academic summer session from the beginning of July to mid-August is held and, at the same time a summer school of the arts, with courses of varying length, and an Institute of Christian Religious Education.

BUILDINGS AND GROUNDS Notre Dame University is located on the outskirts of the city of Nelson (population 10,000) on a 42-acre campus. The first building was erected in 1954, to which has been added a three-storey classroom and administration building, university library, a building for the school of education and the secretarial arts program, and a chapel. There are nine science laboratories, a language laboratory, and a small groups laboratory for the social sciences. A further building accommodates the cafeteria, gymnasium, shower and locker facilities, athletic offices and the university bookstore, adjacent to a playing field area. A separate students union building has been built by the students adjacent to the residences. Four residences for men and women students to accommodate 500 students have been erected.

STUDENT RESIDENCES Four student residences have been built, three on the campus and the fourth just off the campus. They are McCarthy hall (men), capacity 144; LaSalette hall (women), capacity 98; St. Martin's hall (men), capacity 84; Marianne apartments (women and married students), capacity 170.

LIBRARIES A library building was erected in 1967 to accommodate the 50,000 volumes and periodicals, and to provide reading space. A special collection of manuscripts and books is held on Nelson and the East Kootenays. The university subscribes to 700 periodical titles. A new library building is in the planning stage.

STUDENT LIFE The university is predominantly residential and student lounges and office accommodation are provided in the students' union building. Speakers are regularly brought on campus through the extension department and there are many active student clubs. An intramural athletic and recreation program is provided. A student placement service is operated on campus by Canada Manpower. Students are represented on most major university committees and boards.

MEDICAL SERVICES Students are required to have comprehensive medical coverage and the dean of students office arranges medical appointments for students needing medical attention or hospitalization.

STUDENT COUNSELLING SERVICES Student counselling is co-ordinated by the dean of academic studies (academic) and the dean of students (non-academic). Relationships have been established with various local agencies to which students may be referred. A Protestant and a Catholic chaplain are appointed by the university and are regularly available for consultation.

UNIVERSITY BOOKSTORE The university bookstore provides all recommended texts for courses, as well as additional suggested readings. All normal accessories and supplies needed by students are available.

STUDENT EMPLOYMENT Canada Manpower maintains an office on campus for the placement of students. Opportunities for employment on campus, both during the regular year on a part-time basis and during the summer on a full- or part-time basis, are available through the business office.

STUDENT UNION Full- and part-time students are members of the students' union, which is run by an elected student union executive with offices in the students' union building. Fees: activity fee, \$25 full time, \$5 for academic summer school students, or per course part-time, \$2.50 for students in the summer school of the arts; building fee: \$10 for all students during regular academic year.

GRADING SYSTEM Pass mark is 50%; for the major degree of BA or BSc, a minimum grade of 60% in each course included in the major discipline with a minimum average grade of 70% for all courses included in the major, and a minimum overall average grade of 65% for all courses included in the degree program is required. For the general degree of BA or BSc, a minimum grade of 60% in each course included in the concentration, and a minimum overall average grade of 60% for all courses included in the degree program, is required.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Financial assistance is available through province of British Columbia scholarships and bursaries, the Government of Canada student loans plan, and various other scholarship and bursary programs, many of which are limited to Notre Dame University. These are listed in the university calendar.

FINAL EXAMINATIONS Final examinations are held at the conclusion of each course in December (for half-courses), April, May (for "midstart courses"), and August (for summer courses). Supplemental examinations are permitted in courses failed by a student or in courses in which the student fails to attain the minimum required for his degree program. Normally, supplemental examinations are granted only to students who have received a failing grade in no more than one course with a grade between 40 and 49%. Supplemental examinations are normally written in early September. Deferred examinations may be permitted for a student because of sickness, bereavement or other reasonable cause.

GRADUATION Degrees are conferred at the spring convocation, usually at the beginning of May, by the chancellor of the university.

FEES AND COSTS Application fee, \$20. Tuition and registration fees. (a) Full-time students — (i) Canadian students, \$485; (ii) foreign students (who do not have landed immigrant status at least 12 months prior to first registration), \$685. (b) Part-time students (3 or fewer courses) — (i) Canadian students, \$110 per full course; (ii) foreign students [see (a)(ii) above] \$150 per full course. (c) Audit students — \$20 per course.

Residence fees — board and room (2 students per room), \$850 per academic year. Students' union fees are also payable (see section entitled student union).

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. British Columbia students must complete grade 12 graduation requirements in the academic-technical program as prescribed by the provincial department of education. These requirements must be completed before the first day of classes in the term or session to which the student is seeking admission, and may be fulfilled by recommendations from a certified secondary school or by achieving satisfactory grades on examinations conducted by the department of education. A student not fulfilling these requirements may be admitted if the admissions committee agrees that the student's record gives promise of success in university.

2. Equivalent certificates from other Canadian provinces. The minimum admission requirement for entry into a degree credit program for students who have completed their schooling in Canadian provinces other than British Columbia, is successful completion of grade 12 (or the equivalent) on the university preparatory program, except: for students completing their schooling in Quebec, the minimum admission requirement is successful completion of one year at a CEGEP (or the equivalent); for students completing their schooling in Newfoundland, the minimum admission requirement is successful completion of one year at Memorial University (or the equivalent).

Foreign students

USA — successful completion of grade 12 university-entrance program from an accredited high school. Other countries — GCE in five 0-level subjects (to include English, and either mathematics or a laboratory science), or the equivalent standing in a recognized examination system in their own country.

Mature students

Under certain circumstances the university admits mature students who have not completed formal high school education. In general, a student may qualify for consideration in this category if he is 25 years of age or over, or is at least 21 years of age with three years' experience in a professional career. Such students may be required to pass an entrance examination of special aptitude and achievement. Students admitted under these conditions will be on academic probation.

COURSES AND DEGREES

ARTS

Faculty of arts, science and education

Bachelor of arts (BA). (a) General course, four years from junior matriculation. (b) Major course, four years from junior matriculation. Available in biology, chemistry, economics, English, fine arts, French, German, history, mathematics, philosophy, physics, psychology, religious studies and sociology.

EDUCATION

Faculty of arts, science and education

Bachelor of education (BEd). (a) Elementary course, four years from junior matriculation. (b) Professional program in education for graduates (one year). A candidate for this program is required to have an acceptable BA or BSc.

FINE ARTS

Faculty of arts, science and education

Bachelor of fine arts (BFA). Four years from junior matriculation.

MEDICAL RECORD SCIENCE

Faculty of arts, science and education

Bachelor of medical record science (BMRS). Four years from junior matriculation.

SCIENCE

Faculty of arts, science and education

Bachelor of science (BSc). (a) General course, four years from junior matriculation. (b) Major course, four years from junior matriculation. Available in biology, chemistry, mathematics and physics.

SECRETARIAL ARTS

Faculty of arts, science and education

Associate degree in medical and general secretarial arts. Two years from junior matriculation.

Bachelor of secretarial arts (BSA). Four years from junior matriculation. Available in medical and general secretarial arts.

EXTENSION PROGRAMS

For university credit

Miscellaneous evening and summer courses are provided, as demand warrants.

For no university credit

Short courses, lectures, seminars and radio programs are provided. Regular courses may be audited by interested persons for no credit.

SPECIAL PROGRAMS Institute for Christian Religious Education: a certificate in Christian religious education is awarded after three intensive summers of courses and workshops. Members of the institute live together as a community during the program.

Midstart: a new academic program of first-year courses only which commences 1 February and permits a maximum of three courses between then and mid-May. A full year may be completed by attending the following summer school. The program is designed for January high school graduates on the semester system, and others unable to enter university in September.

ASSOCIATED INSTITUTION Kootenay School of Art, Nelson, B.C., constituent of Selkirk College, Castlegar, B.C. Director: D.O. MacGregor. The school is co-educational and part of the community college complex, supported by local taxation and the provincial treasury. The Kootenay School of Art was founded in 1961, Selkirk College in 1966. The school provides full art facilities for Notre Dame's BFA degree program, and art education for the BEd degree.

NOVA SCOTIA AGRICULTURAL COLLEGE*

Truro, Nova Scotia

Telephone: 902-895-1571

Cable: Nova Scotia Agricultural College, Truro, Nova Scotia

Direct general correspondence to the registrar

PRINCIPAL OFFICER Principal — Herbert MacRae, BSc(Agr), MSc, PhD.

GENERAL INFORMATION Control is vested by an act of the legislature of Nova Scotia in the Department of Agriculture and Marketing. The college is co-educational. Revenue comes from government sources and from student fees.

BACKGROUND The enabling legislation was passed during the 1905 session and the first classes commenced on October 14 of that year. Until the mid-thirties the names College of Agriculture and Nova Scotia Agricultural College were used interchangeably; since that time only the latter has been used.

BOARD OF GOVERNORS AND SENATE The college has neither a board of governors nor a senate.

INCOME Total income — \$1,514,765 [government grants: province of Nova Scotia, 59.5%, government of Canada, 8.8%;

other provinces (Atlantic), 15.7%; tuitions, 4.7%; school recoveries; 11.3%].

PUBLICATION Annual calendar.

ACADEMIC YEAR Mid-September to early May.

BUILDINGS AND GROUNDS The college is located in Truro, Nova Scotia (population 13,000). On the 350-acre campus are an administration building, three combined laboratory and lecture-hall buildings, three student residences, and a six-building animal science complex.

STUDENT RESIDENCES Fraser House and Chapman House provide living accommodations for approximately 400 male students, and Trueman House provides accommodation for 80 female students.

LIBRARY There is one library. It is located in one of the laboratory-lecture hall buildings.

STUDENT LIFE The Students' Council each year appoints a social committee which directs the social activities of the college. The Students' Debating Society conducts a series of interclass debates. Innumerable sports activities are offered. The athletic program involves intramural athletics, interscholastic athletics as well as a program of physical education. Each year, the students put on a college winter fair, or "college royal" as it is frequently called. The show is a competition in fitting and showmanship.

*Ordinary member, AUCC.

MEDICAL SERVICES Practically all of the students are covered by state hospital and medical plans. Infirmary facilities are available for both men and women. A small medical fee is charged.

STUDENT COUNSELLING SERVICES Each new student has a faculty advisor. The advice of all faculty members is readily available and regularly sought.

BOOKSTORE All textbooks assigned are available at reasonable prices to students.

STUDENT PLACEMENT SERVICE The placement office provides employment services to all students. The office is staffed by one person on a full-time basis as well as a Canada Manpower representative who serves in a part-time capacity two days per week.

STUDENT COUNCIL The United Students' Council, consisting of all full-time students, elects its own executive to look after student affairs and to promote the interests of students. There is an annual fee of \$40.

GRADING SYSTEM Numerical grades are assigned. The pass mark is 50%. Honors diplomas are awarded to those with an average of 75% and high honors to those with an average of 80%.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Scholarships varying in value from half tuition to full tuition plus \$200 and awarded on an academic basis are available to degree course students. Free tuition is provided to technician course students from the Atlantic provinces. Technicians of high standing may also be awarded scholarships.

EXAMINATIONS Final examinations are administered in April and December. Two supplemental examinations are provided if necessary. No supplemental examinations may be written after two years have elapsed after the original failure.

GRADUATION No degrees are conferred; diplomas are presented in May to graduates.

FEES AND COSTS Full-time tuition fees per year: (a) university course, \$450; (b) technician course, no tuition, and technology course, no tuition for students from the Atlantic provinces. Miscellaneous fees: \$66 (medical — \$6; students' council — \$40;

caution and laboratory deposit — \$20). Room and board in residence: \$720 per year.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Degree: an average of at least 60% in grade XII (Nova Scotia 012, New Brunswick 122 or better) or its equivalent in English, mathematics, chemistry, physics or biology, and one additional subject.

2. Technology: at least 60% in grade XII (Nova Scotia 012, New Brunswick 122 or better) or its equivalent in English, mathematics, chemistry and biology or successful completion of the first year of an appropriate technician course.

3. Technician: pass standing in English, mathematics, one science and two additional subjects (Nova Scotia 011; New Brunswick 122, English and four subjects at not less than the 112 level; Prince Edward Island grade XII; Newfoundland grade XI).

COURSES AND DEGREES

AGRICULTURE

Diploma — Two years from senior matriculation in agricultural science and three years in agricultural engineering. Graduates usually proceed for further studies to Macdonald College, the University of Guelph, the University of Maine or the Nova Scotia Technical College.

EXTENSION SERVICES AND COURSES BELOW UNIVERSITY LEVEL

For no university credit

Technician course — diploma awarded to students taking a two-year technician course and completing appropriate in-service training.

Technology course — diploma awarded to students taking a third year after completing technician course or a two-year program after senior matriculation.

NOVA SCOTIA COLLEGE OF ART AND DESIGN*

6152 Coburg Road, Halifax, Nova Scotia

Telephone: 902-429-1600

Direct general correspondence to the registrar

PRINCIPAL OFFICER President – G.N. Kennedy, AOCA, BFA, MFA.

GENERAL INFORMATION The Nova Scotia College of Art and Design is a co-educational independent institution of higher education chartered by act of the provincial legislature.

BACKGROUND The college was established as the Victoria School of Art and Design, 1887; renamed the Nova Scotia College of Art, 1925; renamed the Nova Scotia College of Art and Design, 1969. The college receives its principal financial support from the province of Nova Scotia. Government of the college is vested in a board of governors of 19 members, including government appointees, students, faculty, alumni, and elected members.

Four-year programs of study lead to the bachelor's degree in fine art or design. The college first awarded the bachelor's degree in 1970. The diploma in fine art is a four-year program and the diploma in graphic design requires three years. A student may also include in the degree program, courses which will qualify him to receive the Nova Scotia Teacher's Certificate as an art specialist.

*Provisional member, AUCC.

PUBLICATIONS Printed material about the college may be obtained by addressing enquiries to the admissions secretary.

ACADEMIC YEAR The college year includes three terms: September to December; January to April; May to August. Students may be admitted beginning with any term.

BUILDINGS AND GROUNDS The main building of the college is located at 6152 Coburg Road, immediately adjacent to Dalhousie University. The college is in the process of moving to a new location in renovated buildings in the waterfront area in downtown Halifax. A number of the college studios are now in that area, and the college plans to complete the move, leaving the Coburg Road building vacant, by 1974.

The principal studio areas open to students in fine art include ceramics, jewelry, painting, photography, printmaking, projects, sculpture, and weaving. The design program offers specialization in environmental design and communication design, including design of printed materials and audio-visual communication. Students at the college may arrange to take courses at Dalhousie University and at other universities in the city.

The Anna Leonowens Gallery, named for one of the founders of the college, the famous teacher of the children of the King of Siam, presents a series of exhibitions that are open to the public throughout the year.

STUDENT RESIDENCES The college does not provide residential accommodations.

LIBRARY The college library, a specialized collection in art and design, contains about 9,000 volumes. In addition, the college regularly receives about 100 periodicals and maintains an outstanding collection of photographic slides of examples of works of art and design. Libraries of the other universities in the city are also available to students of the college.

STUDENT LIFE The gymnasium of the Nova Scotia Technical College, located near the College of Art and Design, may be used by students of both institutions. In addition, a number of beaches, swimming pools, ice rinks, playing fields, bowling alleys and other recreational facilities are conveniently available in the metropolitan area. Two students are represented on the board of governors.

COLLEGE GOVERNMENT Students and faculty both play active parts on the board of governors and the policy-making and advisory committees of the college. The board of governors and all of the committees, except the Committee on faculty status and affairs, include both student and faculty membership. The Student Society, through its elected council, places the student representatives on the board and the committees, plans social, cultural and athletic activities, and represents student needs and opinion in matters of official concern. The program of the student society is financed by the student society fee, which is annually \$20 per student, or a total of over \$5,000 for the society.

GRADING SYSTEM The college records as Credit those courses which are satisfactorily completed. Courses which are not satisfactorily completed receive no credit and are not entered on the student's permanent record.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Students of the college are granted aid by the college toward their educational expenses according to their financial needs, and the availability of college funds, subject to the following conditions: a) the student requesting aid must use the resources of the Canada Student Loans Plan and any applicable provincial bursary plan, to the extent that he is eligible. Students who are not from Canada may also be considered for financial aid under a modified policy and within the limitations of available funds; b) the college assesses a student's need for assistance according to the determination used by the Canada Student Loans Plan; c) a reasonable portion of the aid will be offered as remuneration for employment with the college and the remainder will be given as remission of fees.

FEES AND COSTS Tuition, full-time enrolment (11 to 20 credits) — \$340 per semester, \$680 per year. Tuition, part-time students per credit — \$35 per semester. Registration fee — \$10 per semester. Student union fee — \$10 per semester, \$20 per year.

Other expenses are estimated as follows: room and board, out-of-town students — \$500 per semester, \$1,000 per year. Class supplies — \$100 per semester, \$200 per year. Personal expenses — \$150 per semester, \$300 per year.

ADMISSION REQUIREMENTS Admission to the college is based upon evidence of reasonable maturity, interest in working with the program of the college, and the ability to benefit from the offerings of the college. Applicants who are enrolled in typical high school programs will be asked to submit scores from the Canadian scholastic aptitude test (SACU) and to complete a Nova Scotia grade 11 program (junior matriculation), or the equivalent. All

other candidates may present whatever other evidence they wish to indicate — their interest, ability and maturity — in order to qualify for admission to the college. Transfer students from other institutions including those from liberal arts and other programs may enter the college with advanced standing. Programs in pre-engineering, pre-architecture, sciences, sociology, psychology and related areas of study may count for up to two years in the design programs.

COURSES AND DEGREES

DESIGN

The bachelor of design degree (BDes) is granted in environmental design or in communication design. The degree requires a four-year program of study. Either program allows the student a considerable range of choice of areas in which to specialize. The student in communication design may study graphic design, the design of film or other audio-visual communications, or the design of mixed-media communications. The environmental design program deals particularly with problems of significance to Nova Scotia and the Atlantic provinces. Students in environmental design work with problems of urban and regional planning, or with the design of products, systems, and interior and exterior spaces that relate to the needs of the Atlantic area.

The diploma in graphic design [Associate of the Nova Scotia College of Art and Design (ANSCAD)] is a three-year program of study with specialization in graphic design.

FINE ART

The bachelor of fine arts degree (BFA), offered in fine art, requires a four-year program of study. The foundation studio, taken in the first year, and five semester-courses in art history are specifically required for the degree in fine art. The remaining courses are elected by the student from the various courses of study available at the college, and from courses available at other universities in the city.

The bachelor of arts degree in art education is a four-year program which qualifies the student to receive the Nova Scotia Teacher's Certificate as an art specialist. A program of 134 semester-credits, it requires 32 credits in art education, 12 credits in art history, and 70 credits in studio and related course work. The remainder may be taken in electives.

The diploma in fine art [Associate of the Nova Scotia College of Art and Design (ANSCAD)] requires four years of study, almost entirely in studio courses.

EXTENSION PROGRAMS Courses in various areas of art and design are offered, without credit, for adults and children in the Halifax area and at other locations in the province. The college does not offer credit courses under the extension program, but persons not regularly enrolled in the college may seek admission to

regular classes of the college as special students, for either part-time or full-time study.

SPECIAL PROGRAMS Summer trimester – the college offers a summer trimester of 14 weeks from May until August. Students who do not desire to enrol in the entire trimester may select courses lasting one-quarter or one-half of the term, beginning in May, June, early July, or late July.

Off-campus study – a student may receive credit for a program of study undertaken while travelling or at a place away from the

college which may offer particular advantages for the work which he is pursuing. A student proposing an off-campus program of study for credit will arrange a plan with individual faculty members. Each proposal for such study is subject to approval of the appropriate faculty body.

Lithography workshop – the lithography workshop of the college provides an opportunity for advanced students of lithography to work with the master printmaker of the college, and with artists who visit the college for the purpose of having their work printed in the workshop.

NOVA SCOTIA TECHNICAL COLLEGE*

P.O. Box 1,000, Halifax, Nova Scotia

Telephone: 902-429-8300

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — C.H. Simpson, BSc, LL.D. FASCE. President — A.E. Steeves (acting), BSc, MSc, FEIC.

GENERAL INFORMATION The college is non-denominational and co-educational. It is governed by a board of governors, the controlling body in all matters pertaining to the college, and a senate and faculty councils which are responsible for academic policy.

BACKGROUND The Nova Scotia Technical College was authorized by an act of the provincial legislature in 1970. Teaching began in 1909 and the first degrees were awarded in 1910. In 1947 the act of 1907 was repealed and replaced by two new acts which separated engineering education and secondary technical education and provided for the establishment of graduate studies. The college now confines its activities to work at the university level.

BOARD OF GOVERNORS The Board of Governors consists

of the president of the college; the minister of education; 10 members appointed by the governor-in-council not fewer than five of whom shall be representatives of the universities and colleges which are associated with, or co-operate in the educational programs of the college; these representatives to be appointed in consultation with the universities and colleges; four members elected by the alumni association of the college; three members appointed by the board; three members, one elected by and from each of the faculties of engineering, graduate studies and the school of architecture; two members elected by and from the senate.

The board of governors is the controlling body in all administrative and academic matters pertaining to the college.

SENATE The Senate consists of the president; the academic deans; the academic directors; the registrar; the librarian; the heads of academic departments; a representative elected by the Association of Professional Engineers of Nova Scotia; a representative elected by the Nova Scotia Association of Architects; one representative from each of the faculties of engineering, graduate studies and the school of architecture — elected in each case by such faculty; two representatives elected from and by the board; one representative who must be a professional engineer and who must not be a registered student, elected by the registered students of the college; one representative who must be a registered architect and who must not be a registered student, elected by the registered students of the college; all full professors of the college; members appointed from other institutions by the senate not fewer than five of whom are representatives of the universities and colleges which are associated with or co-operate in the educational

*Ordinary member, AUCC.

programs of the college, as designated by the board of governors, and after consultation with the universities and colleges.

The senate has general supervision over all academic affairs and is responsible for the co-ordination of the academic work with that given by the associated universities. The senate also, on the recommendation of the faculties, provides for and recommends to convocation the conferring of all degrees.

INCOME Main source of income for operational costs is from public funds and student fees; for capital costs, from public funds and private donations.

PUBLICATIONS Calendar of the college, annual. Bulletin of graduate studies, annual. Obtainable from the office of the registrar. Annual report obtainable from the office of the president.

ACADEMIC YEAR Architecture, undergraduate — September to August for Co-op One, January to December for Co-op Two, both with three terms, September to May for Co-op Three with two terms. Engineering, undergraduate — September to May with two terms. Graduate studies — twelve months with normal commencement in September.

BUILDINGS, GROUNDS, RESIDENCE, AND LIBRARY The college is located in the heart of the city of Halifax, the provincial capital, on a site of 13 acres. There are 11 buildings containing classrooms, laboratories, a computer centre, research facilities, the administration, a gymnasium, a common room, a library (36,000 volumes), and a men's residence, the M.M. O'Brien hall for 132 students.

BOOKSTORE Textbooks and supplies at cost plus small mark-up.

STUDENT UNION Nova Scotia Technical College Students' Society — The objectives of the society are 1. to provide an approved and recognized form of student government; 2. to enable members to plan, direct and participate in extracurricular student activities.

It functions through a council composed of: president; vice-president; treasurer; athletic committee chairman; social committee chairman; publicity committee chairman; internal affairs committee chairman; editor of "Tech Flash"; representative of junior and senior classes, the architectural school and graduates society.

General meetings are held twice during the college year. At the fall meeting on the first of October the society's activities are outlined and an estimated budget presented. The representatives of the junior classes are elected by their respective classes during the first week in October. At the spring meeting the society's activities are reviewed and candidates for executive offices are introduced. Elections are held the following day.

GRADING SYSTEM Standing is graded in each subject as follows: engineering — A — excellent (80-100%); B — good (70-79%); C — acceptable (60-69%); D — conditional (50-59%); E — failure (30-49%); F — complete failure (0-29%).

Architecture — A — excellent (80-100%); B — good (70-79%); C — acceptable (60-69%); D — failure (50-59%); E — failure (40-49%); F — failure (0-39%); I — incomplete.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Canada student loans plan available to Canadian citizens and to landed immigrants of one-year residence who intend to remain in Canada after their graduation. For residents of Quebec, the Quebec student assistance scheme is applicable. Undergraduate: several industrial scholarships to the amount of tuition fees, or more, may be applied for after registration. Graduate: most major fellowships in the appropriate fields are tenable at the college; grants in aid of research to professors from varied sources are available for support of students; a limited number of teaching assistantships are available for awarding after registration.

FINAL EXAMINATIONS Final examinations are held, or assessments are made at the end of each term for each subject. Promotion is by year or academic period. Supplementary examinations are given within defined limits of failures.

GRADUATION Degrees are conferred by the chancellor at annual convocation in May.

FEES AND COSTS Tuition fees per year — full-time: (a) undergraduate, \$325 per term; (b) graduate, \$650 minimum. Students' societies fees: undergraduate engineering, \$35; undergraduate architecture, \$50; graduate, \$35.

Residence rates, board and room, \$450 in double, \$487.50 in single, per term.

ADMISSION REQUIREMENTS

Architecture, undergraduate. A student must present a transcript showing that he has successfully completed at least two years in any course of study at any recognized university. One mathematics course is mandatory unless an entrance examination is sat. A letter of recommendation from the university is also required.

Engineering, undergraduate. A student must have a transcript forwarded from one of the following universities, showing the successful completion of the uniform engineering course and award of certificate, for transfer to the junior year of engineering: Acadia, Dalhousie, Mount Allison, Prince Edward Island, St. Francis Xavier, and Saint Mary's. Students from other universities wishing to transfer to the college must have a transcript forwarded for assessment of equivalency of credits and a letter of recommendation from the dean of their previous university.

For agricultural engineering, the student must have a transcript forwarded from the Nova Scotia Agricultural College showing successful completion of the course given.

Postgraduate. A student must have a first degree with high standing in the appropriate studies and supply the documentation required by the application forms.

COURSES AND DEGREES

ARCHITECTURE

Faculty of the school of architecture

Bachelor of architecture (BArch). Four years after transfer from university with appropriate credits (see admission requirements). This is a co-operative program.

Faculty of graduate studies

Master of architecture (MArch). At least one year from BArch.

ENGINEERING

Faculty of engineering

Bachelor of engineering (BEng). Two years after transfer with diploma from Acadia, Dalhousie, Mount Allison, Prince Edward Island, St. Francis Xavier, or Saint Mary's universities. Specialization offered in agricultural (in co-operation with the Nova Scotia Agricultural College only), chemical, civil, electrical, industrial, mechanical, metallurgical, and mining engineering.

Faculty of graduate studies

Graduate programs offered in all fields of engineering listed for BEng, except agricultural.

Master of engineering (MEng). At least one year from bachelor's degree in engineering.

Doctor of philosophy (PhD). At least two years from the master's degree in engineering, or three years from the bachelor's degree in engineering.

EXTENSION PROGRAMS

For no university credit

The department of extension offers refresher, general, and specialist courses in the evenings for architects and engineers. Special courses for specific groups or industries can be arranged. These can be concentrated or extended courses and given at the college or on industry premises.

RESEARCH INSTITUTE The Atlantic Industrial Research Institute is an adjunct to the college with its aims to encourage, coordinate, direct, and administer programs and contracts of engineering and industrial research for public and private industry in the Atlantic provinces. Director – T.J. Gray, BSc, PhD.

ONTARIO INSTITUTE FOR STUDIES IN EDUCATION*

252 Bloor Street West, Toronto 5, Ontario

Telephone: 416-923-6641

Cable: OISETOR

Telex: 06-217720

Inquiries concerning graduate studies in education should be directed to the co-ordinator of graduate studies, and general inquiries to the office of the director.

PRINCIPAL OFFICERS Chairman, board of governors — Vernon Ready, BA. Director — R.W.B. Jackson, BA, PhD, LLD, FRSS, FCP.

GENERAL INFORMATION The Ontario Institute for Studies in Education was established in July 1965, by an act of the Ontario legislature, and is under the management and control of an independent board of governors, which reports to the minister of education.

BACKGROUND OISE combines in one organization the former departments of educational research and graduate studies of the University of Toronto's Ontario College of Education and the Ontario Curriculum Institute.

The objects of the institute are to study matters and problems relating to or affecting education, to disseminate the results of educational studies and assist in their implementation, and to establish and conduct courses leading to certificates of standing and graduate courses in education. Although it was chartered as a college with the right to grant degrees, the institute has entered into an agreement of affiliation with the University of Toronto, so that its graduates receive University of Toronto degrees.

The institute is organized internally into 10 academic departments, each concerned with conducting research in a particular field of education and with the development of better educational methods and materials. The departments include: adult education, applied psychology, computer applications, curriculum, educational administration, educational planning, history and philosophy of education, measurement and evaluation, sociology in education, and special education. Specialized programs of graduate study are offered in each of these departments, and are co-ordinated by the office of the co-ordinator of graduate studies. The facilities of the institute enable advanced graduate students to be involved directly in research or development programs in their particular field of scholarly interest. A degree program is offered in the field of higher education.

BOARD OF GOVERNORS The Board of Governors of OISE includes the director of the institute, four members of its administrative and instructional staff, and 28 representatives of provincial educational organizations and the general public, for a total membership of 33. With the exception of the director, the members are appointed by the lieutenant-governor-in-council upon the recommendation of the minister of education. The affairs

*Ordinary member, AUCC.

of the institute are under the management and control of the board.

INCOME In the 1970/71 academic year, the institute's total revenue was \$12,904,662. About 90% of the revenue was received through grants from the province of Ontario, about 3% from special grants (particularly private foundations and departments of the federal government), about 2% from student fees, and the remaining 5% from other sources.

PUBLICATIONS OISE bulletin, graduate degrees in education, University of Toronto. Published every February, the bulletin describes admission requirements and programs of study for the forthcoming academic year. Available from the institute's office of graduate studies. Ontario Institute for Studies in Education, gives brief descriptions of some typical research and development projects up to June 1972 and provides background and purposes of OISE. Available from the office of the director. Annual reports — complete accounts of each year's activities are published annually.

ACADEMIC YEAR Winter session: mid-September to end of April. Summer session: early July to mid-August, with required pre-session reading and post-session papers.

BUILDINGS AND GROUNDS The institute is housed in a 12-storey building on Bloor Street West near St. George Street, in the centre of Toronto; (the population of metropolitan Toronto is just over 2 million). Special display centres for audio-visual materials and curriculum resources have been developed, including equipment for viewing and listening. Staff and students of OISE have access to six computers via teletype terminals. A collection of statistical programs is available for data analysis. Programmers are available for consultation, and will write programs for computer users at standard OISE rates. The institute also has a PDP-9 computer and a time-shared PDP-8. The institute has an editorial division which provides editorial guidance to staff and students. The institute publishes books and journals on many aspects of education. A discount of 10 per cent is available to staff and students.

STUDENT RESIDENCES Residence accommodation can be obtained at the University of Toronto, but the number of rooms available for graduate students is rather limited. The university's housing service will assist students to find off-campus accommodation.

LIBRARIES The campus of the University of Toronto is within easy walking distance, and the resources and services of its library are available to graduate students at OISE. The institute's own library houses a large collection specializing in education, with growing strength in related social sciences. Extensive reference materials and some 2,200 titles are available.

STUDENT LIFE There is on staff a special advisor to overseas students. The University of Toronto International Student Centre, at 33 St. George Street, offers services and facilities to overseas students. Inquiries regarding customs regulations, accommodation, medical and hospital insurance, etc., should be sent to the office of the co-ordinator of graduate studies, OISE.

MEDICAL SERVICES The facilities of the University of Toronto health services are available to faculty members and to registered students of OISE. No special fee is required. The service includes first-aid, consultation with a physician, and psychiatric advice. It does not include dental care.

GRADUATE STUDENT ASSOCIATION All OISE students, both full- and part-time, are members of the Graduate Students' Association. Its objectives are as follows: 1) to provide a mechanism for students to communicate with each other and with faculty and administration in order that students will gain the maximum profit from their years at OISE; 2) to co-ordinate the activities of students in the various departments of the institute and the institute assembly and standing committees; 3) to provide a central location for information pertinent to student interests, activities, and concerns; 4) to represent the OISE students to outside organizations and to the governing bodies of the University of Toronto; 5) to promote social interaction and a positive identity among OISE students.

GRADING SYSTEM Seven-point grading system as follows: A+ — 9, A — 8, A- — 7, B+ — 6, B — 5, B- — 4 and F — failure.

STUDENT AWARDS AND FINANCIAL ASSISTANCE The Ontario Institute for Studies in Education offers students financial awards to support programs of full-time graduate study. The students must qualify for an award on the basis of academic ability and professional promise. The amount and type of award may vary with the student's financial need, the academic program, and the policies of his OISE academic department. For further information and application forms, write the office of the co-ordinator of graduate studies, OISE.

FINAL EXAMINATIONS Final examinations are held at the discretion of the instructor, and if required, are given at the conclusion of the course.

FEES AND COSTS Tuition fees per year; full-time \$585. Miscellaneous compulsory fees per year, \$43.

ADMISSION REQUIREMENTS

A minimum of second-class standing in the final year of an appropriate undergraduate degree is required for admission to graduate programs in educational theory. For detailed requirements for various degree programs, see pages 21 to 26 of the OISE bulletin.

COURSES AND DEGREES

EDUCATION

Master of education (MEd). One regular academic session and one summer if pursued on a full-time basis. This degree can be taken on a part-time basis but must be completed within six years from first enrolment as an MEd candidate. Admission is based on either a four-year or a three-year BA, or equivalent, with second-class standing or better in the final year, teacher certification and one year of teaching experience.

Master of arts (MA). One academic year plus a thesis from a four-year BA or equivalent, two years from a three-year BA or equivalent, with second-class standing or better in the final year. One-third of a year advanced standing will be granted in a two-year program for teacher certification. The time limit for completion of the degree is five years from commencement of program at the

four-year BA level or equivalent. A year of residence is required for this degree.

Master of philosophy (PhilM). One year of residence is required beyond an MA in the department of educational theory at the University of Toronto. One year and one summer are required for students with a master's degree in the same field of specialization but from other academic institutions. Two years of residence are required from a four-year BA in a relevant discipline. The degree must be completed within one year after the residence requirements have been fulfilled.

Doctor of philosophy (PhD). At least two years of residence are required beyond the MA if continuing in a relevant area of specialization. The degree must be completed within six years of the date of PhD first enrolment after a relevant MA.

Doctor of education (EdD). The department of educational theory is again enrolling new candidates for the degree of doctor of education. A basic requirement for admission is either the University of Toronto MEd or MA in educational theory, or the equivalent, with high standing. Applicants whose master's work did not include a thesis will be required to complete a qualifying research paper (QRP). The minimum residence requirement is one academic year of full-time study. The latest information regarding admission requirements and programs of study in particular sub-fields may be obtained by contacting the office of the co-ordinator of graduate studies. Note: graduate degrees in education at OISE do not carry with them certification for teaching in Ontario.

EXTENSION PROGRAMS

For no university credit

During the regular academic session a considerable number of courses are scheduled after hours for part-time students. The summer session offers courses primarily for MEd programs, although under certain circumstances MA and PhD students may also take summer courses for degree credit.

RESEARCH INSTITUTE OISE — is itself a research institute. In addition to their teaching duties, staff members in its 10 academic departments carry out programs of research and development in education on a large scale. Strong emphasis is placed on interdisciplinary projects; as a result, the research and development program can be described under headings other than those provided by the department titles. In a recent reclassification of the institute's projects, certain priority areas for research and development were identified, taking account of OISE's capability in relation to educational need: (1) development of Canadian educational materials and encouragement of bilingualism in students, with emphasis on the needs of Franco-Ontarian schools; (2) innovative approaches to the learning situation; (3) problem-solving and learning in children; (4) methods of educational policy decision-making and implementation. Other areas of emphasis include: special groups (especially indigenous peoples, immigrants, blacks, women, and inner-city and rural children); selection, preparation, utilization and role definition of teachers and other school personnel; development of innovative curriculum materials (e.g., multi-media materials, C.A.I., print, non-print); analysis of aims, evaluation, and replanning of educational systems; early childhood education.

UNIVERSITÉ D'OTTAWA*

English version follows/Le texte anglais se trouve à la suite

Ottawa (Ontario) K1N 6N5

Téléphone: 613-231-3311

Prière d'adresser la correspondance d'ordre général au registraire

DIRECTION Grand chancelier – L'honorable Madame Georges-P. Vanier, CP, CC, DCL, DScSoc, LL.D. Recteur et vice-chancelier – Roger Guindon, O.M.I., BA, LPh, DTh, LL.D. Vice-recteur à l'enseignement et à la recherche – Maurice Chagnon, LPh, MA, PhD. Vice-recteur (affaires administratives) – Allan Gillmore, BA.

RENSEIGNEMENTS GÉNÉRAUX L'Université d'Ottawa est une institution bilingue et mixte. L'administration de l'université est la responsabilité d'un bureau de gouverneurs et d'un sénat.

HISTORIQUE Le Collège de Bytown, future Université d'Ottawa, fut fondé en 1848 par les Missionnaires Oblats de Marie-Immaculée. Érigée en corporation en 1849, l'institution prit le nom de Collège d'Ottawa en 1861. Quelques années plus tard, soit en 1866, le collège se voyait octroyer une charte d'université par le gouvernement d'Union. En 1889, le Pape Léon XIII accordait à l'université une charte pontificale. La charte civile remaniée était sanctionnée par la législature de l'Ontario en 1933. La charte pontificale amendée recevait une nouvelle approbation de Rome en

1934. Au mois de juillet 1965, les facultés de théologie et de droit canonique furent groupées sous l'Université Saint-Paul, institution fédérée à la nouvelle Université d'Ottawa avec représentation au sénat. L'administration de l'Université d'Ottawa passa à un bureau de gouverneurs mais le sénat conserva la responsabilité des décisions dans le domaine de l'enseignement universitaire.

BUREAU DE GOUVERNEURS Les décisions sur les plans exécutif, administratif et financier relèvent du bureau.

SÉNAT Le sénat a pleine autorité sur les questions relatives à l'enseignement et à la recherche, et sur les politiques de l'université. Le sénat se compose du doyen et du secrétaire de chaque faculté, d'un représentant élu de chaque faculté, du directeur de chaque école autonome et de membres élus.

PUBLICATIONS S'adresser au bureau des admissions. Annuaire général; admission au baccalauréat; aide financière; arts; common law; cours d'été; cours du soir; cours par correspondance; droit civil; éducation; éducation physique et récréation; études supérieures*; formation des enseignants; médecine; philosophie; psychologie; renseignements généraux; sciences de la gestion; sciences et génie; sciences infirmières; sciences sociales; vie étudiante**. *S'adresser à l'École des études supérieures. **S'adresser au directeur des services aux étudiants.

ANNÉE UNIVERSITAIRE Études de baccalauréat – année régulière: de la mi-septembre à la fin d'avril. Cours d'été: du début de juillet à la mi-août. Études supérieures – trois périodes: septembre-décembre; janvier-avril; mai-août.

*Membre ordinaire de l'AUCC.

BÂTIMENTS ET TERRAINS L'université occupe, dans la capitale nationale, une bonne partie du quartier de la Côte de Sable. Le campus couvre une superficie de 42 acres et s'étend sur une longueur d'environ un mille, le long de la rive est du canal Rideau. D'ici une vingtaine d'années, la superficie du campus atteindra 83 acres. On y compte actuellement quinze édifices contenant salles de cours et laboratoires, et quatre résidences d'étudiants. Les collections des bibliothèques de faculté, d'école et de département totalisent plus de 500,000 volumes.

RÉSIDENCES D'ÉTUDIANTS Les services du logement et de cantine rassemblent, sous une seule direction, un ensemble de bureaux dont les objectifs fondamentaux sont de veiller à ce que tous les étudiants aient un logement convenable sur le campus ou à l'extérieur et de s'assurer que les services de cantine de campus fonctionnent efficacement. Seuls les étudiants à plein temps peuvent être admis. Les résidences universitaires sont au nombre de quatre: les pavillons Marchand et LeBlanc pour les étudiants, le pavillon Stanton pour les étudiantes, et le pavillon Thompson pouvant loger étudiants et étudiantes.

BIBLIOTHÈQUES L'université offre un choix considérable de bibliothèques, la plupart spécialisées. En incluant l'Université fédérée Saint-Paul, la collection totale des volumes se chiffre à environ 500,000. La nouvelle Bibliothèque centrale, complétée en 1972, contient plus de 450,000 volumes et s'accroît rapidement. Elle édifie présentement un répertoire de toutes les collections qui existent sur le campus. Les départements de sciences religieuses et de diététique-sciences domestiques et le Centre de recherches en littérature canadienne-française, rattachés à la faculté des arts, ont chacun une bibliothèque particulière. La bibliothèque Vanier dessert la faculté de médecine et la faculté des sciences et de génie. Elle contient environ 75,000 volumes et reçoit quelque 2,000 revues ou périodiques. Les facultés ou écoles suivantes ont aussi leur propre bibliothèque: faculté de psychologie, faculté d'éducation, faculté de droit (section de droit civil et section de common law), faculté des sciences de la gestion, faculté des sciences sociales, école des sciences infirmières, école de bibliothécaires, école d'éducation physique et de récréation.

VIE ÉTUDIANTE La vie sur le campus est animée par différents services offerts aux étudiants: le bureau du logement et de cantine, le service de santé, le service de counseling, les services des sports et de la récréation, le bureau de placement, le service de l'aumônerie, le service des affaires étudiantes, le service de l'animation culturelle, le bureau de l'aide financière. Ces services sont rendus possibles grâce à la collaboration et à la participation des étudiants, et collaborent étroitement avec les associations étudiantes et professionnelles sur le campus ainsi qu'avec les facultés, les écoles et les services administratifs. Quant à la Fédération des étudiants de l'université, elle offre des services tels que: un service d'orientation pour les nouveaux, la boutique étudiante, le Pub, une garderie pour enfants, deux journaux (La Rotonde, The Fulcrum), un annuaire, un studio de photographie, des voyages à rabais, etc.

SERVICES MÉDICAUX Le Service de santé entre en vigueur pour les étudiants diplômés et pré-diplômés à temps complet, dès la journée d'inscription, pour une année universitaire de 32 semaines, au coût de \$20 par étudiant payables avec les frais d'administration.

CONSULTATION Le Service de consultation de l'université offre aux étudiants inscrits à temps complet plusieurs services d'orientation et de consultation professionnelles: examens psychométriques, bibliothèque d'information scolaire et professionnelle, séminaires sur les méthodes de travail, orientation scolaire et professionnelle, consultation personnelle et groupes de développement personnel. Les étudiants peuvent avoir recours à ces services en

tout temps de l'année universitaire. L'usage de ces services est facultatif et gratuit. L'étudiant doit prendre son propre rendez-vous. Les entrevues ont lieu dans les locaux du service de consultation et se font sur base confidentielle.

LIBRAIRIE UNIVERSITAIRE La librairie de l'Université d'Ottawa compte parmi les nombreux services mis à la disposition des étudiants. Il s'agit d'une entreprise à but non lucratif dont l'université a la propriété et la gestion.

EMPLOI DES ÉTUDIANTS Le Bureau de placement possède tous les renseignements essentiels concernant les possibilités d'emploi permanent, renseignements qui permettent aux gradués de faire un choix judicieux. Le bureau s'efforce aussi de trouver un emploi à temps partiel, pendant l'année, aux étudiants qui en font la demande.

UNION DES ÉTUDIANTS La Fédération des étudiants de l'Université d'Ottawa groupe plus de 15 facultés et écoles. Créée afin de remplacer une fédération aux structures désuètes et fortement centralisées, elle rassemble en un conseil étudiant les représentants des diverses facultés et écoles. Ces derniers constituent donc le corps législatif de la fédération qui fonctionne en vue de donner aux étudiants le plus grand nombre de services. Le président de la fédération, le commissaire à la représentation, le commissaire aux services ainsi que le commissaire aux finances sont élus par le corps étudiant en général et, de pair avec leur commission (composée de membres du conseil étudiant), voient à la rédaction de politiques et de programmes. Le conseil étudiant est le seul organisme qui peut parler au nom des étudiants de l'Université d'Ottawa.

SYSTÈME DE MENTIONS Au niveau du baccalauréat: A, 75-100%; B, 66-74%; C, 60-65%; D, 50-59%; F, 30-49% (échec avec droit de reprise); (*), moins de 30% (échec sans droit de reprise).

AIDE FINANCIÈRE ET BOURSES OFFERTES AUX ÉTUDIANTS Les gouvernements fédéral et provinciaux, de nombreuses compagnies, fondations et associations offrent des bourses et des prêts aux étudiants inscrits à temps complet aux cours de baccalauréat et aux études supérieures.

L'université elle-même attribue chaque année, à l'admission, un certain nombre de bourses d'excellence aux candidats admis aux études à temps complet. Les bourses accordées aux élèves des écoles secondaires admis à l'année pré-universitaire ou à la première année d'un cours de baccalauréat sont renouvelables pendant quatre ans. Dans le cas des candidats admis à s'inscrire en bibliothéconomie, en common law, en criminologie, en droit civil, en éducation ou en médecine, les bourses d'admission ne sont pas renouvelables. En outre, l'université offre annuellement des bourses d'excellence aux étudiants pré-diplômés inscrits à temps complet qui ont obtenu, aux épreuves de fin d'année, des résultats au-dessus de la moyenne.

Pour plus de renseignements, veuillez consulter la brochure sur l'aide financière.

DROITS D'INSCRIPTION Étudiants à temps complet — les droits indiqués comprennent les frais de scolarité et les frais accessoires. (a) Baccalauréat, par année: pré-universitaire (arts, génie, sciences), \$586; arts, diététique-sciences domestiques, droit, éducation (BE d), éducation physique et récréation, philosophie, sciences commerciales, sciences de la gestion, sciences infirmières, sciences sociales, \$636; génie, pré-médecine (arts), sciences, \$711; médecine, \$806. (b) Études supérieures (y compris l'année propédeutique): par période scolaire (quatre mois), \$311.

Étudiants à temps partiel – frais de scolarité. (a) Baccalauréat: chaque cours, \$118-\$138; chaque demi-cours, \$59. (b) Études supérieures: chaque cours de 4 crédits ou plus, \$140; chaque cours de 3 crédits ou moins, \$70.

Frais de logement. Par année, \$500-\$550.

CONDITIONS D'ADMISSION

Année pré-universitaire

1. 12^e année de l'Ontario ou l'équivalent. Arts—moyenne générale de 65% et minimum de 50% dans chaque matière. Sciences et génie – moyenne générale de 65% et au moins 65% en sciences et en mathématiques. Minimum de six matières.

2. Conditions particulières. Arts en vue de: arts (cours général), éducation physique, musique, sciences sociales – français; au moins cinq matières de: anglais ou English, géographie, histoire, mathématiques, sciences (physique 11 et chimie 12), autre langue, art ou musique, pas plus d'une matière en commerce ou technologie. Diététique-sciences domestiques, pré-médical – français, mathématiques, sciences (physique 11 et chimie 12); au moins trois matières de: anglais ou English, géographie, histoire, autre langue, art ou musique, pas plus d'une matière en commerce ou technologie. Administration publique, gestion, commerce – français, mathématiques; au moins quatre matières de: anglais ou English, géographie, histoire, sciences, autre langue, art ou musique, pas plus d'une matière en commerce ou technologie. Sciences infirmières – français, sciences; au moins quatre matières de: anglais ou English, géographie, histoire, mathématiques, autre langue, art ou musique, pas plus d'une matière en commerce ou technologie. Sciences et génie en vue de: sciences, génie, sciences infirmières, pré-dentaire, pré-pharmacie – français ou English, mathématiques, sciences; au moins trois matières de: géographie, histoire, autre langue, pas plus d'une matière en art, musique, sciences domestiques, commerce ou technologie.

Première année

1. 13^e année de l'Ontario ou l'équivalent, au moins six crédits dans les matières voulues; moyenne générale de 60% et minimum de 50% dans chaque matière. Documents requis – a) notes des trois dernières années de l'enseignement secondaire; b) rapport confidentiel du directeur; c) les résultats des tests du SACU.

2. Conditions particulières. Arts (cours général) – français ou English (un crédit). Diététique-sciences domestiques – français ou English (un crédit), chimie (un crédit), mathématiques (deux crédits). Musique (éducation, composition, musicologie, interprétation) – français ou English (un crédit), audition et test écrit. Interprétation – exceptionnellement, admissibles après 12^e année de l'Ontario ou l'équivalent aux mêmes conditions que les candidats à l'année pré-universitaire en arts. Pré-médical – français ou English (un crédit), mathématiques (un crédit), chimie (un crédit), physique (un crédit). Éducation physique et récréation, sciences sociales – aucune condition particulière. N.B. Science économique, il est recommandé deux crédits en mathématiques. Sciences de la gestion – français ou English (un crédit), mathématiques (deux crédits). Sciences et génie – mathématiques (deux crédits), chimie (un crédit), physique (un crédit), une matière de (biologie, géologie, mathématiques, English, français). Sciences infirmières – français ou English (un crédit), biologie (un crédit), chimie (un crédit). Les

candidats qui justifient du baccalauréat international sont admissibles.

Études professionnelles

Pour être admis en première année de common law, le candidat doit avoir complété, après l'immatriculation senior, au moins deux années d'un programme d'études conduisant à un premier grade.

Pour être admis en première année de droit civil, le candidat doit détenir le baccalauréat ès arts, le diplôme d'études collégiales, ou un diplôme jugé équivalent.

Pour être admis en première année de médecine, le candidat doit détenir le baccalauréat ès arts (avec études pré-médicales) ou le baccalauréat ès sciences (avec les options appropriées) ou avoir complété les deux premières années du baccalauréat ès sciences avec spécialisation en biologie.

Étudiants étrangers

Le candidat étranger qui ne désire pas s'établir en permanence au Canada est admis au pays à titre de résident temporaire (non-immigrant). Il doit se procurer quelques-uns – parfois la totalité – des documents suivants: a) une lettre d'une université canadienne l'informant qu'il est admis à cette université; b) une déclaration écrite certifiant que ses ressources suffiront à subvenir à son entretien durant toute la période de ses études; c) un passeport – tous les candidats étrangers, sauf les candidats des États-Unis, doivent être munis d'un passeport; d) un visa – on exige ce document de tous les candidats étrangers, sauf des sujets britanniques, des citoyens des pays du Commonwealth, de l'Irlande ou de la France et des résidents permanents légaux des États-Unis. Pour obtenir un visa, les candidats étrangers s'adressent à l'ambassade ou au consulat du Canada dans leur pays. Ils peuvent également s'adresser aux bureaux de l'immigration canadienne; e) un certificat de vaccination – la plupart des candidats étrangers, sauf ceux des États-Unis, sont tenus de fournir un certificat de vaccination obtenu moins de trois ans avant leur arrivée au Canada; f) certificat médical – les étudiants étrangers dont le séjour au Canada dépassera douze mois doivent subir, avant de quitter leur pays, un examen médical complet, y compris une radiographie pulmonaire. Une simple attestation de médecin ne suffit pas. Les frais de l'examen et de la radiographie sont à la charge du candidat; g) certificat canadien d'entrée – ce document est remis à tout candidat étranger, à son arrivée au Canada, par les agents d'immigration. Tout candidat des États-Unis doit être muni d'un document attestant sa citoyenneté américaine (certificat de naissance, extrait de baptême, certificat de naturalisation, passeport). Un candidat des États-Unis qui n'est pas citoyen américain est tenu de fournir la preuve officielle qu'il réside dans ce pays légalement.

Candidats adultes

L'examen des candidats adultes est réservé aux citoyens canadiens et aux immigrants reçus dont l'acquis scolaire ne répond pas pleinement aux conditions réglementaires d'admission et qui désirent faire une demande d'admission à l'université. Un candidat adulte est admissible à l'examen des candidats adultes pourvu qu'il remplisse les conditions particulières requises par la faculté ou l'école concernée. Les exigences en question sont énoncées dans la brochure destinée

aux candidats adultes, qu'on peut se procurer au bureau des admissions.

Études supérieures

Le candidat qui a obtenu un baccalauréat spécialisé (ou l'équivalent) avec au moins la mention **B** pour les cours de spécialisation est admissible directement au programme d'études de la maîtrise dans la même discipline. Le candidat qui a obtenu un baccalauréat général avec au moins la mention **B** est admissible à l'année propédeutique.

Pour les études de doctorat, la condition normale d'admission est la maîtrise obtenue avec au moins la mention "distinction" ou un grade jugé équivalent.

COURS ET GRADES N.B. Les langues d'enseignement sont le français et l'anglais.

Administration correctionnelle, voir criminologie

Administration d'affaires, voir sciences de la gestion

Administration sanitaire, voir health administration (texte anglais)

Administration publique, voir sciences de la gestion

ARTS

Faculté des arts

Baccalauréat ès arts (BA). (a) Général, quatre ans après l'immatriculation junior. (b) Avec concentration, quatre ans après l'immatriculation junior. Concentrations possibles: allemand, arts plastiques, civilisations grecque et romaine, communications sociales, English, espagnol, études slaves, géographie, grec, histoire, latin, lettres anglaises*, lettres françaises, mathématiques, musique, philosophie, psychologie, science économique, science politique, sciences domestiques, sciences religieuses, sociologie, théâtre. (c) Pré-médical, quatre ans après l'immatriculation junior. (d) Avec spécialisation, cinq ans après l'immatriculation junior. Domaines de spécialisation: arts plastiques, communications sociales, English, espagnol, études latines, géographie, histoire, langue et littérature françaises, langues et littératures slaves, lettres anglaises*, linguistique, mathématiques, musique, sciences religieuses, théâtre, traduction. (e) Avec spécialisation, cinq ans après l'immatriculation junior, comportant la conjugaison de deux disciplines: l'une, "majeure", du niveau de spécialisation; l'autre, "mineure", du niveau de concentration.

*Programme d'études destiné exclusivement aux francophones.

École des études supérieures

Maîtrise ès arts (MA). Au moins un an après le BA avec spécialisation. Offerte en English, études slaves, géographie, histoire, histoire ancienne, latin, latin-grec, lettres françaises, linguistique appliquée, planification régionale, sciences religieuses, traduction.

Doctorat en philosophie (PhD). Au moins deux ans après la maîtrise.

Offert dans les mêmes disciplines que la maîtrise, sauf en histoire ancienne, latin-grec, linguistique, planification régionale, traduction.

BEAUX-ARTS

Faculté des arts

Certificat en beaux-arts. Deux ans après l'immatriculation junior. Disciplines: arts plastiques, théâtre anglais, théâtre français.

Certificat supérieur en beaux-arts. Trois ans après l'immatriculation junior. Disciplines: les mêmes que pour le premier certificat.

COOPÉRATION INTERNATIONALE

Faculté des sciences de la gestion

Diplôme en coopération internationale. Un an après le baccalauréat ou l'équivalent.

CRIMINOLOGIE

École des études supérieures

Maîtrise en administration correctionnelle (MAC). Deux ans après le baccalauréat. Sans thèse.

Maîtrise ès arts en criminologie [MA(Crim)]. Deux ans après le baccalauréat. Thèse.

DIÉTÉTIQUE-SCIENCES DOMESTIQUES

Faculté des arts

Baccalauréat ès sciences avec spécialisation en diététique [BSc(Diét)]. Cinq ans après l'immatriculation junior.

Baccalauréat ès sciences avec spécialisation en sciences domestiques [BSc(ScDom)]. Cinq ans après l'immatriculation junior.

DROIT

Faculté de droit, section de droit civil

Licence en droit (LL). Trois ans après le BA ou un diplôme jugé équivalent.

École des études supérieures

Maîtrise en droit (LLM). Au moins un an après la licence en droit ou un diplôme jugé équivalent. Thèse. Concentrations: droit privé, droit public.

Doctorat en droit (LLD). Au moins un an après la maîtrise en droit. Thèse.

DROIT CANONIQUE*

Faculté de droit canonique

Baccalauréat en droit canonique (BDC). Deux ans après un baccalauréat ou l'équivalent.

École des études supérieures

Maîtrise en droit canonique (MDC). Un an après le baccalauréat en droit canonique. Sans thèse.

Maîtrise ès arts en droit canonique [MA(DC)]. Un an après le baccalauréat en droit canonique. Thèse.

Doctorat en philosophie en droit canonique [PhD(DC)]. Au moins un an après la maîtrise en droit canonique.

ÉDUCATION

Faculté d'éducation

Baccalauréat en éducation (BEEd). Un an après un baccalauréat. Les études du BEEd constituent l'année propédeutique de la maîtrise en éducation.

École des études supérieures

Maîtrise en éducation (MEEd). Deux ans après un baccalauréat ou un an après le BEEd. Sans thèse. Concentrations: administration scolaire, counseling scolaire, fondements théoriques de l'éducation, mesure et expérimentation, psychopédagogie.

Maîtrise ès arts en éducation [MA(Ed)]. Deux ans après un baccalauréat ou un an après le BEEd. Thèse. Concentrations: les mêmes que pour la maîtrise sans thèse.

Doctorat en philosophie (PhD). Au moins un an après la maîtrise ès arts en éducation ou l'équivalent.

ÉDUCATION PHYSIQUE

École d'éducation physique et de récréation

Baccalauréat en éducation physique (BEEdPhys). (a) Général, trois ans après l'immatriculation senior. (b) Spécialisé, quatre ans après l'immatriculation senior.

Baccalauréat ès sciences en kinanthropologie [BSc(Kin)]. Quatre ans après l'immatriculation senior.

Baccalauréat ès sciences en récréologie [BSc(Réc)]. Quatre ans après l'immatriculation senior.

École des études supérieures

Maîtrise en éducation physique (MEEdPhys). Au moins un an après le BEEdPhys avec spécialisation. Sans thèse. Condition préalable: brevet d'enseignement permanent valide ou deux années d'expérience valable dans le domaine de l'éducation physique.

*Grades civils. L'Université Saint-Paul confère les grades ecclésiastiques.

Maîtrise ès sciences en kinanthropologie [MSc(Kin)]. Au moins un an après le BEEdPhys avec spécialisation ou le BSc(Kin). Thèse.

Génie, voir engineering (texte anglais)

Kinanthropologie, voir éducation physique

Law, voir le texte anglais

Médecine, voir médecine (texte anglais)

MUSIQUE

Faculté des arts

Baccalauréat en musique (BMus). Cinq ans après l'immatriculation junior. Options possibles: composition, interprétation, éducation, musicologie.

PASTORALE

École des études supérieures

Maîtrise en pastorale (MPast). Deux ans après le BA ou l'équivalent. Sans thèse. Options: counseling pastoral; formation professionnelle au ministère pastoral; pastorale familiale.

PHILOSOPHIE

Faculté de philosophie

Baccalauréat ès arts avec mention philosophie [BA(Ph)]. Deux ans après la première année d'une faculté des arts, ou l'équivalent.

Baccalauréat ès arts avec spécialisation en philosophie [BA(spPh)]. Un an après le BA avec mention philosophie.

École des études supérieures

Maîtrise ès arts en philosophie [MA(Ph)]. Deux ans après le BA avec mention philosophie ou un an après le BA avec spécialisation en philosophie.

Doctorat en philosophie (DPh). Un an ou deux ans après la maîtrise ès arts en philosophie.

Psychiatrie, voir psychiatry, sous médecine (texte anglais)

PSYCHOLOGIE

Faculté de psychologie, École des études supérieures

Maîtrise en psychologie (MPs). Trois ans après le BA ou le BSc, y compris un an de pratique. Sans thèse.

Maîtrise ès arts en psychologie [MA(Ps)]. Trois ans après le BA ou le BSc. Thèse.

Doctorat en philosophie (PhD). Au moins deux ans après la maîtrise. Offert en counseling, psychologie, psychologie clinique, psychologie clinique de l'enfant, psychologie scolaire, psychopédagogie.

Récréologie, voir éducation physique

Relations de travail, voir sciences de la gestion

Sciences, voir science (texte anglais)

Sciences commerciales, voir sciences de la gestion

SCIENCES DE LA GESTION

Faculté des sciences de la gestion

Certificat en administration d'affaires. Un an après l'immatriculation senior.

Certificat en administration publique. Un an après l'immatriculation senior.

Certificat supérieur en administration publique. Un an après le certificat dans la même discipline.

Certificat en relations de travail dans la fonction publique. Un an après l'immatriculation senior.

Baccalauréat en administration (BAdm). Trois ans après l'immatriculation senior.

Baccalauréat spécialisé en administration publique (BAdmPub). Quatre ans après l'immatriculation senior.

Baccalauréat spécialisé en sciences commerciales (BScCom). Quatre ans après l'immatriculation senior.

Baccalauréat spécialisé en sciences de la gestion (BScGest). Quatre ans après l'immatriculation senior. Spécialisation: recherche opérationnelle.

Diplôme en sciences de la gestion. Au moins un an après le baccalauréat.

École des études supérieures

Maîtrise en sciences de la gestion (MScGest). Au moins deux ans après le baccalauréat.

Sciences domestiques, voir diététique-sciences domestiques

Sciences infirmières, voir nursing (texte anglais)

SCIENCES MISSIONNAIRES

École des études supérieures

Maîtrise ès arts en sciences missionnaires [MA(ScMiss)]. Deux ans après le BA ou l'équivalent.

SCIENCES SOCIALES

Faculté des sciences sociales

Baccalauréat en sciences sociales (BScSoc). (a) Général, trois ans après l'immatriculation senior. (b) Avec spécialisation, quatre ans après l'immatriculation senior. Domaines de spécialisation: science économique, science politique, sociologie.

École des études supérieures

Maîtrise ès arts (MA). Au moins un an après le BScSoc avec spécialisation. Offerte en science économique, science politique, sociologie.

Doctorat en philosophie (PhD). Au moins un an après la maîtrise ès arts. Offert en science économique, science politique.

THÉOLOGIE*

Faculté de théologie

Baccalauréat en théologie (BTh). Trois ans après le BA ou l'équivalent.

École des études supérieures

Maîtrise en théologie (MTh). Un an après le BTh. Sans thèse. Concentrations: missiologie, pastorale, théologie systématique fondamentale.

Maîtrise ès arts en théologie [MA(Th)]. Un an après le BTh. Thèse. Concentrations: les mêmes que pour la maîtrise sans thèse.

Doctorat en philosophie en théologie [PhD(Th)]. Au moins un an après la maîtrise.

ÉDUCATION PERMANENTE Sauf indication contraire, pour tout renseignement s'adresser au département de l'extension de l'enseignement universitaire.

Cours conduisant à un grade ou à un certificat universitaire

Cours par correspondance — en vue du BA seulement. Les candidats doivent suivre au moins huit cours en résidence (cours d'été, cours du soir).

Cours du soir — (a) Niveau du baccalauréat. Cours donnés à l'université et aux centres d'enseignement extérieurs suivants, en

*Grades civils. L'Université Saint-Paul confère les grades ecclésiastiques.

Ontario: Barry's Bay, Cornwall, Hawkesbury, Pembroke et Renfrew. (b) Niveau des études supérieures. Cours donnés à l'université seulement. S'adresser à l'École des études supérieures. (c) Certificat en administration d'affaires, certificat en administration publique, certificat supérieur en administration publique, certificat en relations de travail dans la fonction publique. S'adresser à la faculté des sciences de la gestion. (d) Certificat en beaux-arts, certificat supérieur en beaux-arts. Disciplines: arts plastiques, théâtre anglais, théâtre français.

Cours d'été — (a) Niveau du baccalauréat. Cours donnés à l'université et aux centres d'enseignement extérieurs suivants, en Ontario: Barry's Bay, Cornwall, Hawkesbury, Pembroke et Renfrew. (b) Niveau des études supérieures. Cours donnés à l'université seulement. S'adresser à l'École des études supérieures. Cours télévisés — en vue du BA seulement. Les candidats doivent suivre au moins huit cours en résidence (cours d'été, cours du soir).

Cours ne conduisant pas à un grade

Cours du soir — opérations de banque. Cours donnés en collaboration avec l'Institute of Canadian Bankers et conduisant au diplôme décerné par cet organisme. Cours d'été — (a) Droit comparé. Cours d'une durée de trois semaines. S'adresser au Centre canadien de droit comparé, Université d'Ottawa. (b) École anglaise d'été — cours pour débutants, cours intermédiaires et cours avancés.

UNIVERSITÉ FÉDÉRÉE Université Saint-Paul, Ottawa (Ontario) cf. mention particulière.

COLLÈGES AFFILIÉS L'Université d'Ottawa confère les grades.

Notre Dame of Canada College, Wilcox, Saskatchewan. Recteur: Athol Murray. Catholique. Mixte. Fondé et affilié en 1933. Pensionnat et externat. Programme d'études conduisant au BA destiné aux anglophones.

St. Charles Scholasticate, Battleford, Saskatchewan. Recteur: Adam Exner, O.M.I. Collège catholique pour hommes. Fondé et affilié en 1939. Externat. Programme d'études conduisant au BA destiné aux anglophones.

UNIVERSITY OF OTTAWA*

Ottawa, Ontario K1N 6N5

Telephone: 613-231-3311

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — The Honorable Madame Georges-P. Vanier, PC, CC, DCL, DScSoc, LL.D. Rector and vice-chancellor — Roger Guindon, OMI, BA, LPH, DTh, LL.D. Vice-rector (academic) — Maurice Chagnon, LPh, MA, PhD. Vice-rector (administration) — Allan Gillmore, BA.

GENERAL INFORMATION The University of Ottawa is a bilingual, co-educational institution. Control of the university is vested in a board of governors and a senate.

*Ordinary member, AUCC.

BACKGROUND The University of Ottawa was founded as the College of Bytown in 1848 by the Missionary Oblates of Mary Immaculate. Incorporated in 1849, it became the College of Ottawa in 1861 and was raised to the rank of a university in 1866 by an act of the union government. In 1889, it became a pontifical university by decree of Pope Leo XIII. The revised civil charter was approved by the Ontario legislature in 1933. The amended pontifical charter was given a new approval by Rome in 1934.

In July 1965 the faculties of theology and canon law were grouped as Saint Paul University, federated to the new University of Ottawa, with representation in its senate. Government of University of Ottawa was vested in a board of governors, the senate retaining authority to control academic policy.

BOARD OF GOVERNORS Executive, administrative and financial authority is vested in the board of governors.

SENATE Academic direction and policies of the university are the responsibility of the senate. On this body sit the dean and the secretary of each faculty, an elected representative of each faculty council, the director of each autonomous school and certain elected members including members of the student body.

PUBLICATIONS Direct requests to the office of admissions. General calendar; arts; common law; correspondence courses; droit civil; education; evening division; financial aid; formation des enseignants; general information; graduate studies*; management sciences; medicine; nursing; physical education and recreation; science and engineering; social sciences; student life**; summer session; philosophy; psychology; undergraduate admission. *Direct requests to the school of graduate studies. **Direct requests to the director of student services.

ACADEMIC YEAR Undergraduate studies — regular session: from mid-September to the end of April. Summer session: from the beginning of July to mid-August. Graduate studies — three terms: September-December; January-April; May-August.

BUILDINGS AND GROUNDS The university is situated in the Sandy Hill district of Ottawa and will, in the future, extend over a distance of one mile along the east bank of the Rideau Canal. The campus at present covers an area of 42 acres, but will expand to cover 83 acres within 20 years. There are fifteen teaching buildings and four student residences. The holdings of the faculty, school and departmental libraries total over 500,000 volumes.

STUDENT RESIDENCES The purpose of uniting under one distinct service the dual concerns of housing and nutrition is to ensure that all students at the university are provided with the necessary accommodation, on or off the campus and to ensure that food services on campus are operated adequately and efficiently. Accommodation is limited and is available to full-time students only. There are two residences for men, LeBlanc hall and Marchand hall, one residence for women, Stanton hall, and one residence for both men and women students, Thompson hall.

LIBRARIES The actual holdings, including the fine library of federated Saint Paul University exceed 500,000 volumes. The new Central library building, completed in 1972, offers a collection of some 450,000 volumes and is gradually accumulating an index to all campus libraries. The departments of religious studies and of dietetics-home economics as well as the Centre de recherches en littérature canadienne-française, of the faculty of arts, each have

their own library. The Vanier library, in the faculty of medicine building, is a special library reserved for the professors and students of the faculties of medicine and of science and engineering. Its holdings are approaching 75,000 volumes and it receives over 2,000 current periodicals. Other faculties and schools are also provided with their own library, namely: the faculty of psychology; the faculty of education; the faculty of law (droit civil section and common law section); the faculty of management sciences; the faculty of social sciences; the school of nursing; the school of physical education and recreation; the library school.

STUDENT LIFE Students may take advantage of the services offered by the following offices: the directorate of housing and food services, the health service, the university counselling service, the sports and recreation divisions, the student placement service, the chaplaincy, student affairs, cultural affairs, and student financial aid. Students' services are operated with an essential student participation, and work closely with students and professional associations on campus, as well as with the university's faculties, schools and administrative services.

The Students' Federation of the university organizes activities, programs and services such as the following: an orientation program for incoming students, the student boutique, the pub, the child day-care centre, two newspapers (The Fulcrum and La Rotonde), the student directory, a photography studio, student travel rates, etc.

MEDICAL SERVICES The student health service is in effect for full-time graduate and undergraduate students from registration day, for the 32-week academic year at the cost of \$20 per student payable with university fees.

STUDENT COUNSELLING SERVICES The university counselling service provides a number of professional psychological guidance and counselling services to registered full-time students of the university. The following are among the services available: psychological testing, educational and career planning, a vocational and educational information library, study habits seminars, personal counselling for social and emotional difficulties as well as personal development groups. Students may avail themselves of these services at any time during the year. Use of these services is voluntary. A student must take the initiative in seeking an appointment. All appointments are made on an individual basis and there is no fee. Interviews are held at the counselling service and are strictly confidential.

UNIVERSITY BOOKSTORE The University of Ottawa bookstore is part of the many services offered to the students. A non-profit enterprise, it is owned and operated by the university.

STUDENT EMPLOYMENT The placement office has at its disposal all the relevant information regarding permanent employment, thus enabling the graduating student to make a judicious choice. The office also helps undergraduate students to obtain seasonal or part-time employment during the academic year.

STUDENT UNION The Student Federation of the University of Ottawa was created to take the place of the old students' union which was far too centralized for a campus with 15 different faculties or schools. The federation is made up of the associations that serve the students of the university in the various faculties. The presidents of these associations form student council, the central legislative body of the students of the university. The president of the federation, the commissioner of representation, the commissioner of services and the commissioner of finance are not elected by any one

faculty but by the students as a whole. These centrally elected officials work with council to co-ordinate the activities of all faculties for the general student good. Only student council can speak for all the students of the university.

GRADING SYSTEM At the undergraduate level: A, 75-100%; B, 66-74%; C, 60-65%; D, 50-59%; F, 30-49% (failure with supplemental privileges); (*), less than 30% (failure without supplemental privileges).

STUDENT AWARDS AND FINANCIAL ASSISTANCE The federal government and the provincial governments, as well as numerous companies, foundations, and associations, offer scholarships, bursaries, and loans to full-time students registered in undergraduate and graduate programs. The university itself awards each year a limited number of admission scholarships to applicants admitted to full-time studies. Entrance scholarships awarded to secondary school students admitted to the pre-university year or to the first year of an undergraduate program are renewable for four years. Scholarships awarded to applicants admitted to a program in common law, criminology, droit civil, education, library science, or medicine are not renewable.

In addition, the university offers, annually, scholarships to registered full-time undergraduate students whose achievement, at final examinations, has been above average. For further information, see the brochure on financial aid.

FEES AND COSTS Full-time students. The amounts shown include both the tuition fees and the incidental fees. (a) Undergraduate programs, per year: pre-university (arts, engineering, science), \$586; arts, commerce, dietetics-home economics, education (BEd), law, management sciences, nursing, philosophy, physical education and recreation, social sciences, \$636; engineering, pre-medicine (arts), science, \$711; medicine, \$806. (b) Graduate programs (including the preparatory year): per term (four months), \$311.

Part-time students. (a) Undergraduate programs: each course, \$118-\$138; each half-course, \$59. (b) Graduate programs: each course of four credits or more, \$140; each course of three credits or less, \$70.

Residence fees (room only). Per year: \$500-\$550.

ADMISSION REQUIREMENTS

Pre-university year

1. Ontario grade 12 or equivalent. Arts — overall average of 65%; no subject less than 50%. Science and engineering — overall average of 65% and 65% in science and mathematics. Minimum of six subjects.

2. Specific requirements. Arts leading to: general arts, music, physical education, social sciences — English; at least five subjects of: français or French, geography, history, mathematics, science (physics 11 and chemistry 12), another language, art or music, not more than one subject in "B and C" or "S T and T". Dietetics-home economics, premedical — English, mathematics, science (physics 11 and chemistry 12); at least three subjects of: français or French, geography, history, another language, art or music, not more than one subject in "B and C" or "S T and T". Public administration, commerce, business administration — English, mathematics; at least four subjects of: français or French, geography, history, science, another language, art or music, not more than one subject in "B and

C" or "S T and T". Nursing — English, science; at least four subjects of: français or French, geography, history, mathematics, another language, art or music, not more than one subject in "B and C" or "S T and T". Science and engineering leading to: science, engineering, nursing, pre-dental, pre-pharmacy — English or français, mathematics, science; at least three subjects of: geography, history, another language, not more than one subject in art, music, home economics, "B and C" or "S T and T".

Admission to first year

1. Ontario grade 12, or equivalent, with at least six credits in acceptable subjects; minimum overall average of 60%, no subject less than 50%. Required documents — a) academic report for last three years of secondary school; b) principal's confidential recommendation; c) SACU test scores; d) applicants submitting the international baccalaureate will be considered for admission.

2. Specific requirements. General arts — English or français (one credit). Dietetics-home economics — English or français (one credit), chemistry (one credit), mathematics (two credits). Music (education, composition, musicology, performance) — English or français (one credit), audition and written tests. Performance: for special cases, admissible after Ontario grade 12 or equivalent under same conditions as pre-university year in arts. Premedical — English or français (one credit), mathematics (one credit), chemistry (one credit), physics (one credit). Management sciences — English or français (one credit), mathematics (two credits). Nursing — English or français (one credit), biology (one credit), chemistry (one credit). Physical education and recreation, social sciences — no specific requirement. N.B. Economics, recommended: two credits in mathematics. Science and engineering — mathematics (two credits), chemistry (one credit), physics (one credit), one of (biology, geology, another mathematics, English or français).

Professional studies

Applicants for admission to first-year common law must have completed, beyond senior matriculation, at least two years of a program leading to a first degree. Admission to first year of droit civil requires that the applicant hold the BA degree, the diploma of collegial studies, or a degree deemed to be equivalent.

Applicants for admission to first-year medicine must hold the BA (premed) or the BSc (with appropriate options) or have completed the first two years of the honors BSc in biology.

Foreign students

A non-Canadian applicant who does not wish to live permanently in Canada enters the country as a temporary resident (non-immigrant) and must obtain some or all of the following documents before entry: a) letter of acceptance from a Canadian university; b) certified proof of availability of sufficient funds for the duration of his studies; c) passport — required of all foreign applicants except those who are citizens of the U.S.; d) visa — required of all foreign applicants except British subjects, citizens of Commonwealth countries, citizens of Ireland and France, and permanent legal residents of the U.S.A. Visas are issued at Canadian embassies, consular offices and, in many countries, at Canadian immigration offices; e) vaccination certificate — evidence of having been vaccinated within the three years immediately preceding their arrival is necessary for students from most countries except the U.S.A.; f) medical clearance — foreign students staying in Canada for

a period of time exceeding 12 months require, before arrival, a complete medical examination, including chest X-ray. A doctor's certificate of good health is not enough. The examination and X-ray are paid by the student; g) Canadian entry certificate — issued by immigration officers to all foreign students on their admission to Canada.

An applicant from the U.S.A. must bring with him evidence of his American citizenship, such as birth certificate, baptismal certificate, naturalization certificate, or passport. An applicant coming from the U.S.A. who is not a citizen of that country should carry evidence that he is in the U.S.A. legally.

Mature students

The test for mature applicants is intended for Canadian citizens and landed immigrants who do not meet in full the published requirements for admission and who wish to apply for admission to the university. A mature applicant is eligible to apply to write the test for mature applicants, providing he meets the specific requirements of the faculty or school concerned, as stipulated in the mature applicants brochure, available from the office of admissions.

Graduate studies

Students holding an honors bachelor's degree (or the equivalent) with at least B standing in the honors courses is admissible directly to the master's degree program in the same field. Students holding a general (pass) bachelor's degree with at least B standing are admissible to the preparatory or make-up year. The normal admission requirement for studies at the doctoral level is a master's degree (or the equivalent) obtained with at least high second-class standing.

COURSES AND DEGREES Note: the languages of instruction are French and English.

ARTS

Faculty of arts

Bachelor of arts (BA). (a) General, four years from junior matriculation. (b) With concentration, four years from junior matriculation. Possible concentrations: classical civilization, economics, English, French*, geography, German, Greek, history, home economics, Latin, lettres françaises, mathematics, music, philosophy, political science, psychology, religious studies, Slavic studies, social communications, sociology, Spanish, theatre arts, visual arts. (c) Premedical, four years from junior matriculation. (d) Honors, five years from junior matriculation. Fields of specialization: English, French language and literature*, geography, history, langue et littérature françaises, linguistics, mathematics, music, religious studies, Roman studies, Slavic languages and literatures, social communications, Spanish, theatre arts, translation, visual arts. (e) Honors, five years from junior matriculation, combining two disciplines: a "major", at honors level; a "minor", at concentration level.

*Program for English-speaking students only

School of graduate studies

Master of arts (MA). At least one year from honors BA. Available in ancient history, applied linguistics, English, geography, history, Latin, Latin-Greek, lettres françaises, regional planning, religious studies, Slavic studies, translation.

Doctor of philosophy (PhD). At least two years from MA. Available in same disciplines as MA, except in ancient history, Latin-Greek, linguistics, regional planning, translation.

Business administration, see management sciences

CANON LAW*

Faculty of canon law

Bachelor of canon law (BCL). Two years from a baccalaureate degree or the equivalent.

School of graduate studies

Master of canon law (MCL). One year from the BCL. No thesis.

Master of arts in canon law [MA(CL)]. One year from the BCL. Thesis.

Doctor of philosophy in canon law [PhD(CL)]. At least one year from master's degree in canon law.

Commerce, see management sciences

Correctional administration, see criminology

CRIMINOLOGY

School of graduate studies

Master of correctional administration (MCA). Two years from a baccalaureate degree. No thesis.

Master of arts in criminology [MA(Crim)]. Two years from a baccalaureate degree. Thesis.

DIETETICS-HOME ECONOMICS

Faculty of arts

Honors bachelor of science in dietetics [BSc(Diet)]. Five years from junior matriculation.

*Civil degrees. Saint Paul University confers ecclesiastical degrees.

Honors bachelor of science in home economics [BSc(HEcon)]. Five years from junior matriculation.

Droit, see French text

EDUCATION

Faculty of education

Bachelor of education (BEd). One year from a baccalaureate degree. The BEd program constitutes the preparatory year of the master's program.

School of graduate studies

Master of education (MEd). Two years from a baccalaureate degree or one year from BEd. No thesis. Concentrations: educational administration, educational foundations, measurement and experimentation, psychopedagogy, school counselling.

Master of arts in education [MA(Ed)]. Two years from a baccalaureate degree or one year from BEd. Thesis. Concentrations: same as for MEd.

Doctor of philosophy (PhD). At least one year from MA(Ed) or equivalent.

ENGINEERING

Faculty of science and engineering

Bachelor of applied science (BASC). Five years from junior matriculation. Available in chemical, civil, electrical, and mechanical engineering.

School of graduate studies

Master of engineering (MEng). At least one year from BASC. Available in chemical, civil, electrical, and mechanical engineering. Engineering report.

Master of applied science (MASc). At least one year from BASC. Available in chemical, civil, electrical, and mechanical engineering. Thesis.

Doctor of philosophy (PhD). At least two years from MASc. Available in same disciplines as MASc, except in mechanical engineering.

FINE ARTS

Faculty of arts

Certificate in fine arts. Two years from junior matriculation. Available in English theatre arts, French theatre arts, visual arts.

Advanced certificate in fine arts. Three years from junior matriculation. Available in same fields as for first certificate.

HEALTH ADMINISTRATION

Faculty of management sciences, school of graduate studies

Master of health administration (MHA). At least two years from a bachelor's degree or the equivalent. The first year is spent on campus. For the second year, students may elect to take another academic year on campus, preceded by a three-month summer administrative residency period, or they may opt for an eleven-month administrative residency period. Residency may be completed in a hospital or a health agency.

Home economics, see dietetics-home economics

INTERNATIONAL CO-OPERATION

Faculty of management sciences

Diploma in international co-operation. One year from a baccalaureate or an equivalent degree.

Kinanthropology, see physical education

Labor relations, see management sciences

LAW

Faculty of law, common law section

Bachelor of laws (LLB). Three years from an approved degree or, exceptionally, from the second year of an approved degree course beyond senior matriculation.

MANAGEMENT SCIENCES

Faculty of management sciences

Certificate in business administration. One year from senior matriculation.

Certificate in labor relations in the public service. One year from senior matriculation.

Certificate in public administration. One year from senior matriculation.

Advanced certificate in public administration. One year from first certificate in that field.

Bachelor of administration (BAdm). Three years from senior matriculation.

Honors bachelor of commerce (BCom). Four years from senior matriculation.

Honors bachelor of management sciences (BManSc). Four years from senior matriculation. Specialization: operations research.

Honors bachelor of public administration (BPubAd). Four years from senior matriculation.

Diploma in management sciences. At least one year from a baccalaureate degree.

School of graduate studies

Master of management sciences (MManSc). At least two years from a baccalaureate degree.

MEDICINE

Faculty of medicine

Doctor of medicine (MD). Four years from BA(Premed) or BSc with appropriate options or first two years of honors BSc in biology.

Diploma in postgraduate training in psychiatry. Two years from MD.

School of graduate studies

Master of science (MSc). At least one year from honors BSc or from MD. Available in anatomy, biochemistry, histology and embryology, microbiology and immunology, pathology, pharmacology, physiology.

Doctor of philosophy (PhD). Two or three years from MSc; three or four years from honors BSc or from MD. Available in same disciplines as MSc.

MISSION STUDIES

School of graduate studies

Master of arts in mission studies [MA(MissStud)]. Two years from BA degree or equivalent.

MUSIC

Faculty of arts

Bachelor of music (BMus). Five years from junior matriculation. Options: composition, education, musicology, performance.

NURSING

School of nursing

Bachelor of science in nursing (BScN). (a) Four years from senior matriculation. (b) Three years from senior matriculation, for qualified registered nurses graduated from a diploma school of nursing.

PASTORAL STUDIES

School of graduate studies

Master of pastoral studies (MPast). Two years after BA or equivalent degree. No thesis. Options: family pastoral care, pastoral counselling, professional preparation for the pastoral ministry.

PHILOSOPHY

Faculty of philosophy

Bachelor of arts with a major in philosophy [BA(Ph)]. Two years after the first year in a faculty of arts or the equivalent.

Honors bachelor of arts in philosophy [HonBA(Ph)]. One year from the BA with a major in philosophy.

School of graduate studies

Master of arts in philosophy [MA(Ph)]. Two years from BA with a major in philosophy or one year from HonBA(Ph).

Doctor of philosophy (DPh). One or two years from the MA(Ph).

PHYSICAL EDUCATION

School of physical education and recreation

Bachelor of physical education (BEdPhys). (a) General, three years from senior matriculation. (b) Honors, four years from senior matriculation.

Bachelor of science in kinanthropology [BSc(Kin)]. Four years from senior matriculation.

Bachelor of science in recreology [BSc(Rec)]. Four years from senior matriculation.

School of graduate studies

Master of physical education (MPhysEd). At least one year from honors BEdPhys. No thesis. Prerequisite: valid permanent teaching certificate or two successful years of experience in the field.

Master of science in kinanthropology [MSc(Kin)]. At least one year from honors BEdPhys or from BSc(Kin). Thesis.

Psychiatry, see medicine

PSYCHOLOGY

Faculty of psychology, school of graduate studies

Master of psychology (MPs). Three years from BA or BSc, including one year of practice. No thesis.

Master of arts in psychology [MA(Ps)]. Three years from BA or BSc. Thesis.

Doctor of philosophy (PhD). At least two years from master's degree. Available in psychology, clinical psychology, child clinical psychology, counselling, experimental psychology, school psychology.

Public administration, see management sciences

Recreology, see physical education

SCIENCE

Faculty of science and engineering

Bachelor of science (BSc). (a) General, four years from junior matriculation. (b) With major, four years from junior matriculation. Available in biochemistry, biology, chemistry, computer science, geology, mathematics, physics, physics-mathematics. (c) Honors, five years from junior matriculation. Available in same disciplines as BSc with major.

School of graduate studies

Master of science (MSc). At least one year from honors BSc. Available in biochemistry, biology, chemistry, geology, mathematics, physics.

Doctor of philosophy (PhD). At least two years from MSc. Available in same disciplines as MSc.

SOCIAL SCIENCES

Faculty of social sciences

Bachelor of social sciences (BSocSc). (a) Pass, three years from senior matriculation. (b) Honors, four years from senior matriculation. Available in economics, political science, sociology.

School of graduate studies

Master of arts (MA). At least one year from honors BSocSc. Available in economics, political science, sociology.

Doctor of philosophy (PhD). At least one year from MA degree. Available in economics and political science.

THEOLOGY*

Faculty of theology

Bachelor of theology (BTh). Three years from BA or equivalent degree.

*Civil degrees. Saint Paul University confers ecclesiastical degrees.

School of graduate studies

Master of theology (MTh). One year from BTh. No thesis. Concentrations: fundamental systematic theology, missiology, pastoral studies.

Master of arts in theology [MA(Th)]. One year from BTh. Thesis. Concentrations: same as for MTh.

Doctor of philosophy in theology [PhD(Th)]. At least one year from master's degree.

EXTENSION PROGRAMS Unless otherwise indicated, direct inquiries to the department of university extension.

For university credit

Correspondence courses – towards BA degree only. Students must take at least eight courses in residence (evening division, summer session). Evening division – (a) Undergraduate level. Courses given at the university and at the following off-campus centres: Barry's Bay, Cornwall, Hawkesbury, Pembroke, and Renfrew, Ontario. (b) Graduate level. Courses given at the university only. Address inquiries to the school of graduate studies. (c) Certificate in business administration, certificate in public administration, advanced certificate in public administration, certificate in labor relations in the public service. Address inquiries to the faculty of management sciences. (d) Certificate in fine arts, advanced certificate in fine arts. In following fields: English theatre arts, French theatre arts, visual arts.

Summer session – (a) Undergraduate level. Courses given at the

university and at the following off-campus centres: Barry's Bay, Cornwall, Hawkesbury, Pembroke, and Renfrew, Ontario. (b) Graduate level. Courses given at the university only. Address inquiries to the school of graduate studies.

For no university credit

Evening division – (a) Courses in banking, offered in co-operation with the Institute of Canadian Bankers and leading to the diploma granted by the institute. (b) Courses in industrial management and administration, offered in co-operation with the Canadian Industrial Management Association, Ottawa branch, and leading to the certificate granted by the association.

Summer session – (a) Program in comparative law. Duration: three weeks. Address inquiries to the Canadian and Foreign Law Research Centre, University of Ottawa. (b) French summer school. Courses at the beginners', intermediate, and advanced levels.

FEDERATED UNIVERSITY Saint Paul University, Ottawa, Ontario. See separate entry.

AFFILIATED COLLEGES Degrees are conferred by the University of Ottawa.

Notre Dame of Canada College, Wilcox, Saskatchewan. Rector: Athol Murray. Catholic. Co-educational. Founded and affiliated in 1933. Resident and day students. Courses lead to BA degree.

St. Charles Scholasticate, Battleford, Saskatchewan. Rector: Adam Exner, OMI. Catholic. Men only. Founded and affiliated in 1939. Day students. Courses lead to BA degree.

UNIVERSITY OF PRINCE EDWARD ISLAND*

Charlottetown, Prince Edward Island

Telephone: 902-892-4121

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — Chief Justice T.A. Campbell, MA, LL.D. President and vice-chancellor — R.J. Baker, BA, MA, LL.D.

GENERAL INFORMATION The university is public, co-educational and non-denominational.

BACKGROUND The University of Prince Edward Island was established by an act of the legislature of Prince Edward Island in April 1969, and Prof. R.J. Baker was appointed its first president. The new public, non-denominational university is a merger of two institutions of higher learning, Prince of Wales College established in 1834, and St. Dunstan's University established in 1855.

Enrolment at the University of Prince Edward Island, which began its third academic year in September 1971, was 1,771 students. Courses offered lead to degrees in arts, science, business administration, music and education. The first degrees of UPEI were conferred at convocation exercises held on May 15, 1970.

*Ordinary member, AUCC.

The full-time teaching staff during the 1971-72 academic session totalled approximately 150 persons.

BOARD OF GOVERNORS AND SENATE The 18-member board of governors of the University of Prince Edward Island is under the chairmanship of Hon. Mr. Justice C. St. Clair Trainor. Under the university act the chancellor, the president of the university, the president of the college of applied arts and technology, six members of the university community, and nine members appointed by the lieutenant-governor-in-council constitute the board. There are two members from the student body on the board. The 26-member senate includes six members from the student body of the university.

INCOME Total income for 1970-71 was \$4,954,651 (provincial government grants, 71%; student academic fees, 26%; miscellaneous, 3%).

PUBLICATIONS University calendar for the regular academic session, September to May. University calendar for summer sessions, May — June, 1 July — mid-August. Incidental brochures. Calendars and brochures are available at the registrar's office.

ACADEMIC YEAR Winter session: September to December and January to May. Summer sessions: mid-May to end of June and early July to mid-August.

BUILDINGS AND GROUNDS The university campus is situated at the northern boundary of Charlottetown (population 18,500) on the Trans-Canada Highway. Its campus occupies approximately 50 acres upon which there are four teaching buildings, a library, five residences. The university's sports facilities include a gymnasium, two football fields and an arena with an artificial ice plant.

STUDENT RESIDENCES There are five residences accommodating about 302 men and 242 women. During 1971-72 one residence accommodating 100 men was maintained downtown. For 1972-73 it is anticipated that the only departments to be maintained downtown will be home economics and music.

LIBRARY The library contains approximately 120,000 volumes, and 1,400 periodicals are subscribed to.

STUDENT LIFE The university has a drama club, music society, campus radio station, campus newspaper, students' union, departmental societies; e.g., Physics Society, English Society, etc., film society, intramural sports and others.

MEDICAL SERVICES The Health Centre open to all students, faculty and staff has an eight-bed capacity for those requiring extended treatment. Appointments can be made with one of the university physicians. Nursing care is provided, free of charge, by a registered nurse on duty. A medical insurance plan offered by the student union is compulsory for all full-time students.

STUDENT COUNSELLING SERVICES The university counselling services provide the following: psychological testing, educational and vocational information library, study habit seminars, educational and vocational planning, personal counselling.

UNIVERSITY BOOKSTORE Besides textbooks, the university bookstore provides other articles; such as, modern paperbacks, posters, greeting cards, jackets and sweaters, etc.

STUDENT EMPLOYMENT Full services of the federal Department of Manpower and Immigration are available to students through the university placement office. Although the placement office concerns itself mainly with prospective graduates, it aims to assist all students in their search for both summer and full-time employment.

STUDENT UNION The governing body of the UPEISU is the UPEISU Council which consists of five executive members, as well as four representatives from the arts faculty, four from the science faculty, three from business administration, one from engineering and one from education. Student union fee — \$40.

The student union council sees as its function and objectives: (a) the promotion of student affairs and the welfare of the student body and the representation of student opinion on matters of university, community, provincial, national and international concern; (b) the council shall be the only official organization among the students of the University of Prince Edward Island; (c) the student union of UPEI shall be the only official channel for negotiations, business, etc., between the student body and the university administration or any other organization or body.

GRADING SYSTEM All grades are given on a credit basis. A passing mark in each subject is 50%. Successful results are classified as follows: first-class (80% and over), second-class (70-79%), and passed (50-69%). Students above freshman level may elect to take courses on a pass-fail basis.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Information on scholarships, bursaries and loans is made available through the department of student services for students seeking financial assistance to complete or continue their education. A number of UPEI full-tuition scholarships are available each year to incoming freshmen students; these may be retained throughout the academic year provided the student maintains a satisfactory standing. Several other scholarships and bursaries, administered by the scholarship committee, are provided by business firms.

FINAL EXAMINATIONS Final examinations are held in December and May. Supplementals are allowed and written in January and September. Special examinations are permitted with the approval of the department and dean.

GRADUATION Degrees are conferred in May of each year by the chancellor.

FEES AND COSTS Tuition and other fees, \$55 per three semester hour course. Student union fee, \$40.

Room and board (semi-private), \$900 per year.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Equivalent of junior matriculation with an overall average of at least 60% in the following subjects: English, mathematics and four of biology, chemistry, economics, geography, geology, history, a language, physics (one option may be art, home economics or music). Acceptable senior matriculation subjects may be recognized for first-year course credits.
2. Tests for admission. SACU or CEEB tests, with complete high school record and principal's report.
3. Specific requirements. Arts — second language recommended. Science — second science recommended.

Foreign students

Certificates evaluated in terms of the general requirements. GCE O level with at least five subjects including English and mathematics. Hong Kong — English school certificate examinations with at least five credits including English and mathematics. If native language is not English, satisfactory scores on the University of Michigan English language test or test of English as a foreign language required. Applicants submitting the international baccalaureate will be considered for admission.

Last date for receipt of applications

While there is no closing date for applications, a student from abroad will have little chance of being accepted after March 1, and the following priorities are observed: to June 30, P.E.I.; to August 15, students from P.E.I.; after August 15, no priorities.

COURSES AND DEGREES**ARTS**

Faculty of arts

Bachelor of arts (BA). General degree with a major. Four years from junior matriculation. Available in economics, English, history, modern languages, music, philosophy, political science, psychology, religious studies, and sociology.

BUSINESS ADMINISTRATION

Faculty of arts

Bachelor of business administration (BBA). Four years from junior matriculation.

EDUCATION

Faculty of education

Bachelor of education (BEd). Four years from junior matriculation or one year from BA or BSc.

ENGINEERING

Faculty of science

Diploma in engineering. Three years from junior matriculation. The diploma admits students to the fourth year of a five-year course leading to the bachelor of engineering degree at Nova Scotia Technical College, Halifax.

HOME ECONOMICS

Faculty of science

Bachelor of science (BSc). Four years from junior matriculation.

MUSIC

Faculty of arts

Bachelor of music (BMus). Four years from junior matriculation.

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). General degree with a major. Four years from junior matriculation. Available in biology, chemistry, home economics, mathematics, and physics.

EXTENSION PROGRAMS

For university credit

Evening courses — courses offered at the university and by extension in several centres in the province, mainly in arts, business administration, and education. Summer sessions — courses are offered for undergraduates proceeding to a degree and to teachers who may wish to improve their professional qualifications. Subjects offered are chiefly in arts and education, but a limited number of science, business administration, and home economics courses are also offered.

For no university credit

A limited number of non-credit courses are offered during the evening and summer sessions.

SPECIAL PROGRAMS The interdisciplinary program draws upon different fields of study and is open to freshmen in the faculty of arts during the 1972-73 academic year. This program is equivalent to nine semester hours of credit and students will also be taking two courses in the regular program during each semester. The French immersion program is designed for any student who is serious about becoming bilingual. The student takes 15 semester hours of French in the first semester and picks up the regular courses in the second semester.

UNIVERSITÉ DU QUÉBEC*

2875, boulevard Laurier, Québec 10 (Québec)

Téléphone: 418-657-2362

Cables et télégrammes: UNIV du Qbc, Qbc

Télex: 111

Prière d'adresser toute correspondance d'ordre général au secrétariat général, Université du Québec, 2875, boulevard Laurier, Québec 10 (Qué.)

DIRECTION Président – Alphonse Riverin, MScSoc, MScCom, MBA, DScEcon. Vice-président à l'administration et aux finances – Bernard Lachapelle, BScA, MSc. Vice-président à l'enseignement – Maurice Boisvert, BA, BPh, BScA, MSc, DSc. Vice-président à la planification – Pierre Martin, BA, LLL. Vice-président à la recherche – Louis Berlinguet, BSc, DSc, MSRC. Vice-président aux communications – Louis Brunel, BA, LScCom.

Le Centre d'études universitaires de Rimouski, 300, avenue des Ursulines, Rimouski (Québec). Téléphone: 418-723-1986. Directeur général – Alcide Horth, BA, BSc, MSc, DSc.

Direction des études universitaires du Québec dans l'Outaouais, C.P. 98, Hull (Québec). Téléphone: 819-770-3360. Directeur général – Jean Bernard Guindon, LicPh.

*Membre ordinaire de l'AUC.

L'École nationale d'administration publique, 31, rue Mont Carmel, Québec (Québec). Téléphone: 418-657-2476. Directeur – Roland Parenteau, BA, LScCom, DiplEtPol.

L'Institut national de la recherche scientifique, C.P. 7500, Québec 10^c (Québec). Téléphone: 418-657-2508. Président – Louis Berlinguet, BSc, DSc, MSRC. Directeur – Charles-E. Beaulieu, BA, BScA, DSc.

Services universitaires dans le nord-ouest québécois, C.P. 700, 435 Gagné, Rouyn (Québec). Téléphone: 919-762-0971. Directeur général – Jean-Marc Denommé, DèSL.

L'Université du Québec à Chicoutimi, 930 est, rue Jacques Cartier, Chicoutimi (Québec). Téléphone: 418-549-4354. Recteur – André Desgagné, BA, LPh, LLD, DES, CR.

L'Université du Québec à Montréal, C.P. 3050, Succursale "B", Montréal 111 (Québec). Téléphone: 514-876-5500. Recteur – Léo Dorais, LPsycho, MBA, PhD.

L'Université du Québec à Trois-Rivières, C.P. 500, Trois-Rivières (Québec). Téléphone: 819-376-5011. Recteur – Gilles Boulet, BTh, LTh, MèSL, LPh, DES.

RENSEIGNEMENTS GÉNÉRAUX L'Université du Québec est une université publique et mixte, gérée cependant par une corporation distincte de l'état.

HISTORIQUE L'Université du Québec a été constituée le 18

décembre 1968 par l'assemblée nationale du Québec. Elle constitue un réseau d'établissements d'enseignement supérieur et de recherche.

L'Université du Québec se compose actuellement de trois universités constituantes, à Chicoutimi (établie le 19 mars 1969; population de Chicoutimi 36,000), Trois-Rivières (établie le 19 mars 1969; population de Trois-Rivières 65,000), et Montréal (établie le 9 avril 1969; population de Montréal 2,500,000); d'une école supérieure, l'École nationale d'administration publique (établie le 26 juin 1969; population de Québec 400,000); d'un institut de recherche, l'Institut national de la recherche scientifique (établi le 16 décembre 1969; population de Québec 400,000); du Centre d'études universitaires de Rimouski (établi le 3 septembre 1969; population de Rimouski 28,000); de la Direction des études universitaires de l'Université du Québec dans l'Outaouais (établie en 1971; population de Hull 63,205) et des Services universitaires du Nord-Ouest québécois (établis en juin 1970; population de Rouyn 20,376).

ASSEMBLÉE DES GOUVERNEURS L'université est administrée par l'assemblée des gouverneurs, composée du président, de trois personnes du milieu socio-économique, des recteurs de chaque université constituante, de trois membres du corps professoral, de deux étudiants, de quatre vice-présidents et de trois directeurs d'instituts de recherche ou d'école supérieure.

PUBLICATIONS On peut obtenir un exemplaire de l'Annuaire général de l'université en s'adressant au secrétariat général, Université du Québec, 2875, boulevard Laurier, Québec 10 (Qué.).

ANNÉE UNIVERSITAIRE L'enseignement à l'Université du Québec se donne sur une base de sessions — trois sessions par année. Session d'automne: septembre à décembre. Session d'hiver: janvier à mai. Session d'été: juin à août.

BIBLIOTHÈQUES Université du Québec à Montréal, 275,000 volumes; Université du Québec à Trois-Rivières, 145,000 volumes; Université du Québec à Chicoutimi, 80,000 volumes; Centre d'études universitaires de Rimouski, 160,000 volumes.

VIE ÉTUDIANTE Les services aux étudiants de chaque constituante comportent les organismes suivants qui sont la responsabilité du directeur des services aux étudiants: service culturel, service de la pastorale, service de placement, service de logement et d'accueil, activités sportives. D'autres services sont aussi offerts aux étudiants et relèvent de leur directeur: service d'information, service de l'extension de l'enseignement, service de l'informatique, bibliothèque, centre audio-visuel.

SYSTÈME DE MENTIONS A-excellent; B-très bien; C-bien; D-passable; E-échec; I-incomplet; S-exigence satisfaite; X-abandon autorisé; K-exemption accordée en raison d'équivalences; H-hors programme; R-remise.

Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A - 4; B - 3; C - 2; D - 1; E - 0. Ce système a été adopté provisoirement par l'assemblée des gouverneurs de l'université.

AIDE FINANCIÈRE ET BOURSES OFFERTES AUX ÉTUDIANTS On peut distinguer deux sortes d'aide financière aux étudiants: le régime de prêts-bourses du ministère de l'Éducation du Québec, les bourses décernées soit par l'université soit par des associations, instituts ou compagnies.

Service d'aide aux étudiants du ministère de l'Éducation — des prêts

maxima de \$700 et des bourses maxima de \$1,100 sont consentis aux étudiants du premier cycle universitaire, aux conditions suivantes: l'étudiant doit être citoyen canadien, être domicilié et avoir résidé au Québec depuis au moins un an, être étudiant à temps complet et avoir besoin d'aide financière. Les étudiants étrangers qui, à titre d'immigrants, demeurent au Québec depuis un an sont admissibles à ce régime de prêts-bourses.

Bourses de l'Université du Québec — deux bourses de la Compagnie de papier Rolland Limitée (\$500 chacune); trois bourses "I.B.M. - Thomas J. Watson Memorial" (\$500 chacune). Bourses de l'Université du Québec à Chicoutimi — une bourse de la compagnie Alcan Limitée (\$500); une bourse du Cercle des Affaires d'Alma (\$500); une bourse du Club Social "Alcan Recherche et Développement" (\$100). Bourses de l'Université du Québec à Trois-Rivières — dix bourses de la Commission des Affaires étudiantes de l'université (\$100).

FRAIS Les frais de scolarité sont de \$50 par cours. Habituellement l'étudiant à temps complet s'inscrit à cinq cours par session, donc \$250 par session.

EXIGENCES D'ADMISSION

1^{er} cycle

1. Exigence générale d'admission. Le diplôme d'études collégiales ou l'équivalent. a) Adultes — les candidats âgés d'au moins vingt-trois ans, qui ont terminé leurs études secondaires et qui possèdent des connaissances et une expérience pertinentes peuvent être admis à ce programme, et ce, sur recommandation du comité de sélection. (Le candidat qui occupe une fonction sur le marché du travail doit fournir une brève description de son expérience en précisant le lieu, la durée et la nature de son emploi.) b) Toute demande d'admission à une constituante de l'Université du Québec doit être présentée sur le formulaire officiel intitulé "Demande d'admission" et accompagnée des pièces suivantes: certificat de naissance; deux photographies récentes, format passeport (2" x 2 1/4") portant la signature de l'étudiant; trois exemplaires du bulletin officiel des notes obtenues pendant les deux années scolaires qui ont précédé l'obtention du diplôme présenté à l'appui de la demande d'admission. (Si le candidat est en cours d'études, il doit faire parvenir ses résultats scolaires dès que ceux-ci lui auront été communiqués); un document officiel attestant que le candidat a obtenu le diplôme présenté à l'appui de sa demande d'admission si le bulletin officiel n'en fait pas mention.

2. Exigences particulières. Pour connaître les exigences particulières d'un programme, il faut se reporter à la section "Cours et grades". Les exigences sont groupées par numéro de code pour chaque programme offert et correspondent aux numéros énumérés ci-dessous.

N^o 1 - Diplôme d'études collégiales en sciences de la santé incluant les cours suivants: mathématiques 101, 102; physique 102, 202, 302; biologie 921, 931 ou 301, 401; chimie 101, 201, 202, 302. N^o 2 - Diplôme d'études collégiales en arts incluant les cours suivants: histoire de l'art 103, 203, 303, 403; organisation picturale 101, 201, 301, 401; organisation spatiale 102, 202, 302, 402. N^o 3 - Diplôme d'études collégiales en sciences pures et appliquées incluant les cours suivants: mathématiques 101, 103, 105, 203; chimie 101, 201; physique 101, 201, 301; biologie 921 ou 301. N^o 4 - Diplôme d'études collégiales en sciences incluant les cours suivants: mathématiques 101, 103, 105, 203; physique 101, 201, 301; chimie 101, 201; biologie 301 ou 921. N^o 5 - Diplôme d'études collégiales en

sciences incluant les cours suivants: mathématiques 101, 103, 105, 203; physique 101, 201, 301 ou 102, 202, 302; chimie 101, 201; biologie 921 ou 301. N° 6 - Diplôme d'études collégiales en sciences de la santé incluant les cours suivants: mathématiques 101, 103, 203; chimie 101, 201; physique 102, 202, 302; biologie 921, 931 ou 301, 401. N° 7 - Diplôme d'études collégiales (formation professionnelle), le diplôme d'études techniques ou l'équivalent. N° 8 - Diplôme d'études collégiales en sciences incluant les cours suivants: 210.00 chimie industrielle; 241.00 techniques de la mécanique; 243.00 électrotechnique; 420.00 informatique. N° 9 - Diplôme d'études collégiales en sciences pures et appliquées (génie) incluant les cours suivants: mathématiques 101, 103, 105, 203; physique 101, 201, 301; chimie 101, 201. N° 10 - Trois ans d'expérience d'enseignement des mathématiques ou des sciences ou l'équivalent.

N° 11 - Diplôme d'études collégiales en sciences de la santé incluant les cours suivants: mathématiques 101, 103, 203; chimie 101, 201, 202; physique 102, 202, 302; biologie 921, 931 ou 301, 401. N° 12 - Diplôme d'études collégiales en sciences de la santé (éducation physique) incluant les cours suivants: mathématiques 101, 103, 203; chimie 101, 201, 202, 302; physique 102, 202, 302; biologie 921, 931 ou 301, 401. N° 13 - Diplôme d'études collégiales en sciences de la santé incluant les cours suivants: mathématiques 101, 103, 203; chimie 101, 201, 202, 302; physique 102, 202, 302; biologie 921, 931 ou 301, 401. N° 14 - Diplôme d'études collégiales ou l'équivalent. N° 15 - Diplôme d'études collégiales en sciences humaines (psychologie) incluant les cours suivants: psychologie 101, 201; biologie 921 ou 301; mathématiques 101.

N° 16 - Diplôme d'études collégiales en sciences humaines (psychologie) incluant les cours suivants: psychologie 101, 201; biologie 921 ou 301. N° 17 - Diplôme d'études collégiales en science humaines incluant les cours suivants: psychologie 101, 201. N° 18 - Diplôme d'études collégiales en sciences humaines (psychologie) incluant les cours suivants: psychologie 101, 201; biologie 921, 931 ou 301, 401; mathématiques 101, 307. N° 19 - Diplôme d'études collégiales en sciences humaines incluant les cours suivants: mathématiques 101, 103, 203, 307; biologie 921; psychologie 101, 201. N° 20 - Diplôme d'études collégiales en sciences humaines, incluant les cours suivants: mathématiques 101, 103, 203, 307; biologie 921 ou 301; psychologie 101, 201.

N° 21 - Diplôme d'études collégiales en sciences sociales, incluant les cours suivants: mathématiques 101, 103, 203, 307. N° 22 - Diplôme d'études collégiales en sciences humaines (géographie), incluant les cours suivants: mathématiques 101, 103. N° 23 - Diplôme d'études collégiales en sciences humaines (histoire) ou l'équivalent. N° 24 - Diplôme d'études collégiales en sciences sociales, incluant les cours suivants: mathématiques 101, 103. N° 25 - Diplôme d'études collégiales en sciences humaines, incluant les cours suivants: mathématiques 103, 307 ou 1353 ou 1354. N° 26 - Diplôme d'études collégiales en sciences religieuses et théologie, incluant les cours suivants: philosophie, deux cours. N° 27 - Diplôme d'études collégiales en sciences de l'administration, incluant les cours suivants: mathématiques 101, 103, 105, 203, 205; économique 920, 921; psychologie 101, 201. N° 28 - Expérience professionnelle. N° 29 - Diplôme d'études collégiales en arts ou l'équivalent. N° 30 - Diplôme d'études collégiales en arts plastiques ou l'équivalent, incluant les cours suivants: histoire de l'art 103, 203, 303, 403; organisation picturale 101, 201, 301, 401; organisation spatiale 102, 202, 302, 402.

N° 31 - Diplôme d'études collégiales en arts plastiques ou l'équivalent. N° 32 - Diplôme d'études collégiales en arts plastiques, incluant les cours suivants: histoire de l'art 103, 203, 303, 403; arts plastiques 101, 102, 105; organisation picturale 101, 201, 301, 401. N° 33 - Diplôme d'études collégiales en musique, incluant les cours

suivants: solfège, culture auditive et langage musical 101, 201, 301, 401; littérature musicale 102, 202, 302, 402; exécution 103, 203, 303, 403. N° 34 - Diplôme d'études collégiales en arts (musique), incluant les cours suivants: littérature musicale 102, 202, 302, 402; solfège, culture auditive et langage musical 101, 201, 301, 401; exécution 103, 203, 303, 403 ou 113, 213, 313, 413. N° 35 - Diplôme d'études collégiales en lettres ou l'équivalent.

N° 36 - Diplôme d'études collégiales en lettres, incluant le cours suivant: anglais 301. N° 37 - Diplôme d'études collégiales en lettres incluant les cours suivants: anglais 201, 301. N° 38 - Diplôme d'études collégiales en lettres incluant les cours suivants: anglais 301, 401. N° 39 - Diplôme d'études collégiales en lettres, incluant les cours suivants: français, deux cours parmi 122, 231, 331; anglais 201, 301. N° 40 - Diplôme d'études collégiales en lettres, incluant les cours suivants: français, deux cours parmi 122, 231, 331. N° 41 - Diplôme d'études collégiales en lettres, incluant les cours suivants: français, deux cours parmi: 122, 231, 331; anglais 201, 301 ou espagnol 301. N° 42 - Diplôme d'études collégiales en sciences humaines (philosophie). N° 43 - Diplôme d'études collégiales en sciences humaines ou l'équivalent. N° 44 - Diplôme d'études collégiales en sciences humaines, incluant le cours suivant: mathématiques 101. N° 45 - Diplôme d'études collégiales en sciences humaines, incluant les cours suivants: mathématiques 101, 103, 307. N° 46 - Diplôme d'études collégiales en sciences de la santé ou psychologie, incluant les cours suivants: mathématiques 101, 103, 203; chimie 101, 201, 202, 302; physique 102, 202, 302; biologie 921, 931 ou 301, 401; ou mathématiques 101, 103, 203, 307; biologie 921; psychologie 101, 201. 2^e et 3^e cycles

1. Exigences générales d'admission. 2^e cycle - baccalauréat spécialisé dans la discipline concernée ou l'équivalent avec évaluation moyenne d'au moins "B" ou l'équivalent; 3^e cycle - maîtrise dans la discipline choisie. (Il y a aussi possibilité d'être admis aux études de 3^e cycle après le baccalauréat et examen du dossier.) En plus du formulaire officiel "Demande d'admission", trois exemplaires du formulaire "Rapport confidentiel sur un candidat", complété par les professeurs et envoyé directement à l'unité constituante. Les candidats qui justifient du baccalauréat international sont admissibles.

2. Exigences particulières. N° 47 - Diplôme universitaire de premier cycle et trois années d'expérience dans l'administration publique. N° 48 - Baccalauréat spécialisé en économie ou l'équivalent. N° 49 - Baccalauréat spécialisé en études littéraires ou l'équivalent. N° 50 - Baccalauréat spécialisé en lettres ou l'équivalent. N° 51 - Baccalauréat spécialisé en philosophie ou l'équivalent. N° 52 - Baccalauréat spécialisé en sciences religieuses ou l'équivalent. N° 53 - Baccalauréat spécialisé en sciences de la santé ou l'équivalent. N° 54 - Baccalauréat spécialisé en sciences de l'éducation ou l'équivalent. N° 55 - Baccalauréat spécialisé en histoire ou l'équivalent. N° 56 - Baccalauréat spécialisé en théologie ou l'équivalent. N° 57 - Baccalauréat spécialisé en psychologie ou l'équivalent.

N° 58 - Baccalauréat spécialisé en science politique ou l'équivalent. N° 59 - Baccalauréat spécialisé en sociologie ou l'équivalent. N° 60 - Baccalauréat spécialisé en théologie ou l'équivalent. N° 61 - Baccalauréat spécialisé en sciences (chimie) ou l'équivalent. N° 62 - Baccalauréat spécialisé en sciences appliquées (électrothermique) ou l'équivalent. N° 63 - Baccalauréat spécialisé dans une des disciplines suivantes: agronomie, biochimie, biologie, chimie, économie, géographie, géologie, mathématiques, ou physique. N° 64 - Baccalauréat spécialisé en sciences ou l'équivalent. N° 65 - Baccalauréat spécialisé en mathématiques ou l'équivalent. N° 66 - Baccalauréat spécialisé en physique ou l'équivalent.

Profils d'entrée des programmes de troisième cycle. N°67 - Maîtrise ès sciences ou l'équivalent.

COURS ET GRADES Structures des programmes de premier cycle: L'Université du Québec offre deux genres de programmes au niveau du premier cycle, le baccalauréat général et le baccalauréat spécialisé. La structure d'accueil pour les deux programmes est la même: le diplôme d'études collégiales (du ministère de l'Éducation du Québec) ou l'équivalent.

Le baccalauréat général comprend un minimum de 30 cours; le baccalauréat spécialisé comprend un minimum de 14 cours de spécialisation entre 3 et 6 cours libres et un bloc de cours complémentaires pour un total minimum de 30 cours. Habituellement, un étudiant s'inscrit à cinq cours par session. Le baccalauréat comporte donc six sessions.

Les sigles employés dans cette section signifient: CEUR - Centre d'études universitaires de Rimouski; DEUQO - Direction des études universitaires du Québec dans l'Outaouais; ENAP - École nationale d'administration publique; INRS - Institut national de la recherche scientifique; SUNOQ - Services universitaires dans le nord-ouest québécois; UQAC - Université du Québec à Chicoutimi; UQAM - Université du Québec à Montréal; UQTR - Université du Québec à Trois-Rivières.

Programme de premier cycle 1972-1973

ADMINISTRATION

Famille des sciences de l'administration

Certificat en administration (Certificat en administration). Offert par CEUR, DEUDO, SUNOQ, UQAC, UQAM, et UQTR. N°28.

Baccalauréat spécialisé en administration (BSpAdm). Offert par CEUR, SUNOQ, UQAC, UQAM, et UQTR. N°27.

Baccalauréat spécialisé d'enseignement secondaire (administration) [BSpEnsSec(administration)]. Offert par CEUR, SUNOQ, UQAC, UQAM et UQTR. N°27.

Baccalauréat spécialisé en administration (sciences comptables) [BSpAdm(sciences comptables)]. Offert par SUNOQ et UQTR. N°27.

Baccalauréat spécialisé en administration (recherche opérationnelle) [BSpAdm(recherche opérationnelle)]. Offert à UQTR. N°27.

BEAUX-ARTS ET ARTS APPLIQUÉS

Famille des arts

Baccalauréat spécialisé en art dramatique (BSpArtDramatique). Offert à UQAM. N°29.

Baccalauréat spécialisé en arts plastiques (BSpArtsPl). Offert à UQAM (n°30) et UQTR (n°31).

Baccalauréat spécialisé d'enseignement (arts plastiques) (BSpEnsArtsPl). Offert à UQAC (n°31), UQAM (n°31) et UQTR (n°32). Spécialisation en gravure, peinture et sculpture offerte à UQAM seulement (n°30).

Baccalauréat spécialisé en design (2D) [BSpDesign (2D)]. Offert à UQAM. N°30.

Baccalauréat spécialisé en histoire de l'art (BSpHde l'art). Offert à UQAM. N°31.

Baccalauréat spécialisé en musique (BSpMus). Offert à UQTR. N°33.

Baccalauréat spécialisé d'enseignement (musique) [BSpEns(musique)]. Offert à UQAM (n°34) et UQTR (n°33).

DESIGN

Famille des arts

Baccalauréat spécialisé en design 3D [BSpDesign (3D)]. Offert à UQAM. N°2.

ÉDUCATION

Famille des sciences humaines

Baccalauréat spécialisé en éducation physique (BSpEdPh). Offert par SUNOQ (n°12) et UQTR (n°11).

Baccalauréat spécialisé d'enseignement (éducation physique) [BSpEns(éducation physique)]. Offert par SUNOQ (n°13), UQAM (n°12) et UQTR (n°11).

Baccalauréat spécialisé d'enseignement élémentaire (BSpEnsEl). Offert par DEUDO (n°15), SUNOQ (n°15), UQAC (n°14), UQAM (n°14) et UQTR (n°15).

Baccalauréat spécialisé d'enseignement élémentaire et préscolaire (BSpEnsEl). Offert par CEUR et UQAM. N°14.

Baccalauréat spécialisé d'enseignement préscolaire (BSpEnsPrésc). Offert par SUNOQ (n°17), UQAC (n°14) et UQTR (n°16).

Baccalauréat spécialisé d'enseignement professionnel secondaire (BSpEnsProfSec). Offert par CEUR et UQAC. N°7.

Baccalauréat spécialisé d'information scolaire et professionnelle (BSpInformScol et Prof). Offert à UQTR. N°14.

Baccalauréat spécialisé en sciences de l'éducation (BSpScEd). Offert par SUNOQ et UQTR. N°14.

GÉNAGOGIE

Services publics ou communautaires

Baccalauréat spécialisé en génagogie (BSpGénagogie). Offert à UQTR. N°43.

INGÉNIERIE

Famille des sciences pures et appliquées

Baccalauréat spécialisé d'enseignement professionnel (électrotechnique) [BSpEnsProf(électrotechnique)]. Offert à UQAM. N°6.

Baccalauréat spécialisé d'enseignement professionnel (techniques de la mécanique) [BSpEnsProf(techniques de la mécanique)]. Offert à UQAM. N°6.

Baccalauréat spécialisé d'enseignement technique (BSpEnsTech). Offert à UQTR. N°8.

Baccalauréat spécialisé en sciences appliquées (génie chimique) [BSpScA(génie chimique)]. Offert à UQAC(n°9) et UQTR(n°3).

Baccalauréat spécialisé en sciences appliquées (génie civil) [BSpScA(génie civil)]. Offert à UQAC. N°9.

Baccalauréat spécialisé en sciences appliquées (génie électrique) [BSpScA(génie électrique)]. Offert à UQAC(n°9) et UQTR(n°3).

Baccalauréat spécialisé en sciences appliquées (génie géologique) [BSpScA(génie géologique)]. Offert à UQAC. N°9.

Baccalauréat spécialisé en sciences appliquées (génie industriel) [BSpScA(génie industriel)]. Offert à UQTR. N°3.

Baccalauréat spécialisé en sciences appliquées (génie mécanique) [BSpScA(génie mécanique)]. Offert à UQAC. N°9.

Baccalauréat spécialisé en sciences appliquées (génie médical) [BSpScA(génie médical)]. Offert à UQTR. N°3.

Baccalauréat spécialisé en sciences appliquées (génie physique) [BSpScA(génie physique)]. Offert à UQTR. N°3.

Baccalauréat spécialisé en sciences appliquées (sciences du matériau) [BSpScA(science du matériau)]. Offert à UQAC. N°9.

LETTRES

Famille des lettres

Baccalauréat spécialisé en langues modernes (études anglaises) [BSpLangMod(études anglaises)]. Offert par SUNOQ(n°36) et UQTR(n°35).

Baccalauréat spécialisé d'enseignement secondaire (anglais) [BSpEnsSec(anglais)]. Offert par CEUR(n°38) et UQTR(n°37).

Baccalauréat spécialisé en lettres (études françaises) [BSpL(études françaises)]. Offert par SUNOQ et UQTR. N°39.

Baccalauréat spécialisé d'enseignement secondaire (études françaises) [BSpEnsSec(études françaises)]. Offert par CEUR(n°40) et UQAC(n°39).

Baccalauréat spécialisé en lettres classiques (études anciennes) [BSpLCl(études anciennes)]. Offert à UQAM. N°40.

Baccalauréat spécialisé en lettres (études françaises) [BSpL(études

françaises)]. Offert par CEUR(n°41), UQAC(n°39) et UQAM(n°14).

Baccalauréat spécialisé d'enseignement secondaire (lettres françaises) [BSpEnsSec(lettres françaises)]. Offert à UQTR. N°39.

Baccalauréat spécialisé en linguistique (BSpLing). Offert à UQAC(n°39), UQAM(n°14) et UQTR(n°39).

Baccalauréat spécialisé en lettres (littérature québécoise) [BSpL(littérature québécoise)]. Offert à UQTR. N°39.

Baccalauréat spécialisé en philosophie (BSpPh). Offert à UQAM(n°14) et UQTR(n°42).

Baccalauréat spécialisé en sciences religieuses (BSpScRel). Offert à UQAM. N°14.

MATHÉMATIQUES

Famille des sciences pures et appliquées

Baccalauréat spécialisé d'enseignement secondaire (mathématiques) [BSpEnsSec(mathématiques)]. Offert par CEUR(n°4), SUNOQ(n°3), UQAC(n°4), UQAM(n°3) et UQTR(n°3).

Baccalauréat spécialisé d'enseignement secondaire (mathématiques) [BSpEnsSec(mathématiques)]. Programme de perfectionnement des maîtres en mathématiques. Offert par CEUR, DEUDO, SUNOQ, UQAC, UQAM, UQTR. N°10.

Baccalauréat spécialisé en sciences (mathématiques) [BSpSc(mathématiques)]. Offert par CEUR(n°5), SUNOQ(n°3), UQAC(n°4), UQAM(n°3) et UQTR(n°3).

Baccalauréat spécialisé en sciences (mathématiques) [BSpSc(mathématiques)]. Offert en: mathématiques - administration; mathématiques - biologie; mathématiques - chimie; mathématiques - physique au CEUR. N°5.

NURSING

Famille des sciences de la santé

Baccalauréat spécialisé en sciences de la santé (nursing) [BSpScsanté(nursing)]. Offert à UQTR. N°1.

PLURISECTORIELLES, ÉTUDES

Baccalauréat spécialisé d'enseignement (sexologie) [BSpEns(sexologie)]. Offert à UQAM. N°46.

Baccalauréat spécialisé en animation culturelle (BSpAnimCult). Offert à UQAM. N°14.

Baccalauréat spécialisé en éducation culturelle (BSpEducCult). Offert à UQAM. N°14.

Baccalauréat spécialisé en information culturelle (BSpInformCult). Offert à UQAM. N°14.

Baccalauréat spécialisé en recherche culturelle (BSpRechCult). Offert à UQAM. N°14.

PSYCHOLOGIE

Famille des sciences humaines

Baccalauréat spécialisé d'enseignement (enfance inadaptée) [BSpEns(enfance inadaptée)]. Offert par SUNOQ (n°17) et UQTR (n°18).

Baccalauréat spécialisé d'enseignement (enfance inadaptée) [BSpEns(enfance inadaptée)]. Offert par CEUR (n°14), DEUDO (n°17), SUNOQ (n°17), UQAC (n°14), UQAM (n°19), et UQTR (n°18).

Baccalauréat spécialisé en psychologie (BSpPs). Offert à UQAM (n°19) et UQTR (n°20).

Baccalauréat spécialisé en relations humaines (BSpRelhum). Offert à UQAM. N°14.

RÉCRÉOLOGIE

Services publics ou communautaires

Baccalauréat spécialisé en récréologie (BSpRécéol). Offert par SUNOQ et UQTR. N°44.

SCIENCES BIOLOGIQUES

Famille des sciences pures et appliquées

Baccalauréat spécialisé en sciences (biochimie) [BSpSc(biochimie)]. Offert à UQTR. N°3.

Baccalauréat spécialisé en sciences (biologie) [BSpSc(biologie)]. Offert par CEUR (n°5), SUNOQ (n°3), UQAC (n°4), UQAM (n°3) et UQTR (n°3).

Baccalauréat spécialisé d'enseignement secondaire (biologie) [BSpEnsSec(biologie)]. Offert par CEUR (n°5), SUNOQ (n°3), UQAC (n°4), UQAM (n°3) et UQTR (n°3).

Baccalauréat spécialisé en sciences de la santé (biologie) [BSpScSanté(biologie)]. Offert à UQTR. N°6.

Baccalauréat spécialisé en sciences (biologie) [BSpSc(biologie)]. Offert en: biologie - administration; biologie - chimie; biologie - géographie; biologie - mathématiques et biologie - physique au CEUR. N°5.

Baccalauréat spécialisé en sciences (biophysique) [BSpSc(biophysique)]. Offert à UQTR. N°3.

SCIENCES PHYSIQUES

Famille des sciences pures et appliquées

Baccalauréat spécialisé en sciences (chimie) [BSpSc(chimie)]. Offert par CEUR (n°4), SUNOQ (n°3), UQAC (n°4), UQAM (n°3) et UQTR (n°3).

Baccalauréat spécialisé d'enseignement secondaire en sciences (chimie) [BSpSc(chimie)]. Offert par CEUR (n°5), SUNOQ (n°3), UQAC (n°4), UQAM (n°3) et UQTR (n°3).

Baccalauréat spécialisé en sciences (chimie) [BSpSc(chimie)]. Offert en: chimie - administration; chimie - biologie; chimie - mathématiques et chimie - physique au CEUR. N°5.

Baccalauréat spécialisé en sciences (géographie-physique) [BSpSc(géographie-physique)]. Offert à UQAM. N°4.

Baccalauréat spécialisé en sciences (géologie) [BSpSc(géologie)]. Offert à UQAC et UQAM. N°4.

Baccalauréat spécialisé en sciences (physio-chimie) [BSpSc(physio-chimie)]. Offert à UQTR. N°3.

Baccalauréat spécialisé en sciences (physique) [BSpSc(physique)]. Offert par SUNOQ (n°3), UQAC (n°4), UQAM (n°3) et UQTR (n°3).

Baccalauréat spécialisé en sciences (physique) [BSpSc(physique)]. Offert en: physique; physique - biologie; physique - chimie et physique - mathématiques au CEUR. N°5.

Baccalauréat spécialisé d'enseignement secondaire (physique) [BSpEnsSec(physique)]. Offert par CEUR (n°5), SUNOQ (n°3), UQAC (n°4), UQAM (n°3) et UQTR (n°3).

SCIENCES SOCIALES

Famille des sciences humaines

Baccalauréat spécialisé en économique (BSpEc). Offert à UQAM et UQTR. N°21.

Baccalauréat spécialisé en géographie (BSpGéogr). Offert par CEUR, SUNOQ, UQAC, UQAM et UQTR. N°22.

Baccalauréat spécialisé d'enseignement secondaire (géographie) [BSpEnsSec(géographie)]. Offert par CEUR, SUNOQ, UQAC, UQAM et UQTR. N°22.

Baccalauréat spécialisé en géographie (BSpGéogr). Offert en: géographie; géographie - administration; géographie - biologie; géographie - histoire et géographie - mathématiques au CEUR. N°22.

Baccalauréat spécialisé en histoire (BSpH). Offert par SUNOQ (n°23), UQAC (n°23), UQAM (n°14) et UQTR (n°23).

Baccalauréat spécialisé d'enseignement secondaire (histoire) [BSpEnsSec(histoire)]. Offert par CEUR (n°23), SUNOQ (n°23), UQAC (n°23), UQAM (n°14) et UQTR (n°23).

Baccalauréat spécialisé en histoire (BSpH). Offert en histoire - géographie et histoire - lettres au CEUR. N°23.

Baccalauréat spécialisé en science politique (BSpScPol). Offert à UQAM. N°24.

Baccalauréat spécialisé en sociologie (BSpSoc). Offert à UQAM. N°25.

THÉOLOGIE

Famille des sciences humaines

Baccalauréat spécialisé en théologie (BSpTh). Offert par CEUR (n°26), UQAC (n°26) et UQTR (n°14).

Baccalauréat spécialisé d'enseignement secondaire (sciences religieuses) [BSpEnsSec(science religieuses)]. Offert par CEUR (n°26), UQAC (n°14), UQAM (n°14) et UQTR (n°26).

TRAVAIL SOCIAL

Services publics ou communautaires

Baccalauréat spécialisé en travail social (BSpTrSoc). Offert à UQAM. N°45.

Programmes de deuxième cycle

ADMINISTRATION

Famille des sciences de l'administration

Maîtrise en administration publique (MAP). Offerte à ENAP. N°47.

Maîtrise ès arts (économique) [MA(économique)]. Offerte à UQAM. N°48.

LETTRES

Famille des lettres

Maîtrise ès arts (études littéraires) [MA(études littéraires)]. Offerte à UQAM. N°49.

Maîtrise ès arts (lettres) [MA(lettres)]. Offerte à UQTR. N°50.

Maîtrise ès arts (philosophie) [MA(philosophie)]. Offerte à UQAM et UQTR. N°51.

Maîtrise ès arts (sciences religieuses) [MA(science religieuses)]. Offerte à UQAM. N°52.

SCIENCES DE LA SANTÉ

Famille des sciences de la santé

Maîtrise en sciences de la santé (sport) [MScSanté(sport)]. Offerte à UQTR. N°53.

SCIENCES HUMAINES

Famille des sciences humaines

Maîtrise en éducation (MEd). Offerte par SUNOQ, UQAC et UQTR. N°54.

Maîtrise en théologie (MTh). Offerte à UQTR. N°56.

Maîtrise ès arts (histoire) [MA(histoire)]. Offerte à UQAM. N°55.

Maîtrise ès arts (psychologie) [MA(psychologie)]. Offerte à UQAM. N°57.

Maîtrise ès arts (science politique) [MA(science politique)]. Offerte à UQAM. N°58.

Maîtrise ès arts (sociologie) [MA(sociologie)]. Offerte à UQAM. N°59.

Maîtrise ès arts (théologie) [MA(théologie)]. Offerte à UQTR. N°60.

SCIENCES PURES ET APPLIQUÉES

Famille des sciences pures et appliquées

Maîtrise en sciences appliquées (électrothermique) [MScA(électrothermique)]. Offerte à UQTR. N°62.

Maîtrise ès sciences (chimie) [MSc(chimie)]. Offerte à UQAM. N°61.

Maîtrise ès sciences (eau) [MSc(eau)]. Offerte à INRS. N°63.

Maîtrise ès sciences (énergie) [MSc(énergie)]. Offerte à INRS, UQAC et UQTR. N°64.

Maîtrise ès sciences (mathématiques) [MSc(mathématiques)]. Offerte à UQAM. N°65.

Maîtrise ès sciences (physique) [MSc(physique)]. Offerte à UQTR. N°66.

Programme de troisième cycle

SCIENCE PURES ET APPLIQUÉES

Famille des sciences pures et appliquées

Doctorat ès sciences (énergie) [DSc(énergie)]. Offert à INRS, UQAC et UQTR. N°67.

PROGRAMME DE FORMATION CULTURELLE ET PROFESSIONNELLE

Ces programmes sont administrés par l'université en collaboration directe avec les associations et instituts professionnels concernés qui définissent les seuils d'accueil aux programmes. Ordinairement, on tient compte, pour ce qui est de l'admission des étudiants à ces programmes, de l'expérience et de la vie professionnelle et on s'appuie, règle générale, sur le diplôme de fin d'études secondaires. En outre, l'un ou l'autre des diplômes, brevets ou certificats décernés, sont accessibles à des catégories d'étudiants très particuliers.

Centre d'études universitaires de Rimouski. Brevet de l'Institut des banquiers canadiens; certificat des agents d'assurance (A.D.A.); certificat en formation religieuse; certificat en sciences de l'administration; certificat en sciences de l'éducation; diplôme de la Société des comptables en administration et prix de revient (R.I.A.); diplôme de l'Association des comptables généraux du Québec (C.G.A.).

Université du Québec à Chicoutimi. Brevet de l'Institut des banquiers canadiens; certificat en sciences comptables; certificat en sciences de l'administration; diplôme de la Société des comptables en administration et prix de revient (R.I.A.); diplôme de l'Association des administrateurs d'hôpitaux de la province de Québec; diplôme de l'Association des comptables généraux du Québec (C.G.A.); diplôme de l'Institut des officiers municipaux.

Université du Québec à Trois-Rivières. Brevet de l'Institut des banquiers canadiens; certificat de technicien supérieur I; certificat de technicien supérieur II; certificat en administration pour le personnel des caisses populaires; certificat en comptabilité industrielle; certificat en mathématiques; certificat en psycho-pédagogie; certificat en recouvrement de crédits; certificat en sciences comptables; certificat en sciences de l'administration; diplôme de la Société des comptables en administration et prix de revient (RIA); diplôme de l'Association des comptables généraux licenciés; diplôme de l'Institut des officiers municipaux.

Cours d'été. La plupart des cours qui se donnent l'été (1973) peuvent s'intégrer soit au programme universitaire soit au programme des brevets d'enseignement.

INSTITUTS OU CENTRES DE RECHERCHE La recherche à l'Université du Québec se fait soit dans les centres de recherche et les départements des universités constituantes, soit dans les centres de recherche rattachés à l'Institut national de la recherche scientifique, soit à l'École nationale d'administration publique.

Centre d'études universitaires de Rimouski

Océanographie - les divers projets de recherche en cours actuellement sur le milieu marin peuvent être groupés sous quatre titres principaux: pollution par les éléments inorganiques; pollution par les matières organiques; études des propriétés physico-chimiques des émulsions d'hydrocarbures avec l'eau de mer aux basses températures caractéristiques de notre climat; reconstitution d'images du fond sous-marin au moyen d'holographie acoustique.

École nationale d'administration publique

Tout en visant à permettre la planification des intérêts en administration publique, qui constitue un vaste domaine de recherche, et multiplier les collaborations entre institutions afin d'améliorer la qualité et la portée des recherches, l'École nationale

d'administration publique veut répondre aux trois unités suivantes dans ses recherches: sensible aux besoins des organismes québécois et canadiens, pratique, souple pour générer une analyse impartiale. Les domaines de recherche sont les suivants:

a) Institutions gouvernementales et administratives - les organismes autonomes de gouvernement, d'administration déconcentrée régionale. Les services locaux communautaires de santé et de bien-être. Les services de planification des ministères. Les corps de fonctionnaires québécois dans l'administration publique québécoise. Les services centraux de l'administration québécoise;

b) Processus de gestion du secteur public - notamment la conception d'un mini MIS en langage APL, simulation d'un système de gestion, simulation d'un complexe urbain à des fins administratives, l'administration québécoise et organismes privés de consultation;

c) Analyse de la politique gouvernementale - le revenu minimum garanti; coûts et bénéfices. Les révisions successives des données du PNB et la qualité des prévisions budgétaires. Modèle économique du régime de Santé du Québec. L'évaluation des programmes forestiers. La disparité dans l'offre et la demande d'emploi. Le phénomène de la continuité dans la politique fédérale-provinciale du Québec. Évaluation de la politique de la régie des transports;

d) Enseignement de l'administration publique - l'utilisation de la méthode des cas dans l'enseignement en administration publique. Bibliographie sur l'administration publique au Canada. L'administration régionale du bassin de la rivière Yamaska. Le cas Fedco.

Institut national de la recherche scientifique

Centre de recherche de l'énergie. Ce centre effectue des recherches dans les domaines suivants: physique des plasmas et confinement d'un plasma chaud, interactions laser-matière, interactions plasma-poussière et poussière-choc, techniques des réacteurs à fusion. Directeur: Brian Gregory, PhD.

Centre de recherche des sciences de la santé. Les objectifs du centre sont d'ordre socio-économique et médical et ses programmes de recherche sont plus orientés dans des voies appliquées et interdisciplinaires que dans des voies fondamentales. Avant la mise sur pied de laboratoires spécialisés, le centre effectuera durant cette année des travaux et rapports préliminaires dans les secteurs suivants: médecine occupationnelle, épidémiologie, recherche opérationnelle, toxicologie industrielle, physiologie, pharmacologie, virologie. Il veut ainsi établir une meilleure collaboration entre le milieu universitaire d'une part et les industries, l'agriculture et le commerce d'autre part. Directeur: Didier Dufour, DSc, PhD.

Centre de recherche en ingénierie des télécommunications. Le centre oeuvrera en collaboration avec le plus grand laboratoire industriel canadien en recherches en télécommunications, celui de la compagnie Bell-Northern, pour de meilleures rentabilités et efficacités des activités de recherches et un enrichissement scientifique réciproque. Les recherches s'effectueront dans les domaines suivants: transmission, distribution, communication et adressage. Les projets de recherche tiennent compte d'une part des projets de recherche entrepris dans différentes universités canadiennes pour les télécommunications et, d'autre part, des possibilités de recherche de la compagnie précitée.

Centre de recherches urbaines et régionales. Ce centre compte cinq programmes de recherche: structuration du réseau et du tissu urbains, qualité de vie désirée, mécanismes politico-administratifs,

construction de modèles complexes non linéaires du développement urbain, détermination de modalités efficaces d'intervention et de contrôle par l'État sur la structuration du réseau et du tissu urbains. Tous ces programmes de recherche sont effectués par des équipes interdisciplinaires. Directeur: Gérald Fortin, BSc, MSc, PhD.

Centre québécois des sciences de l'eau. Ce centre compte trois programmes majeurs de recherche: synthèse et simulation des écoulements, évaluation et utilisation des ressources hydriques, gestion régionale de la qualité des eaux. Chacun de ces trois programmes comprend plusieurs aspects et projets spécifiques de recherche. Le centre possède en outre un service de documentation technique et scientifique sur tous les aspects de l'eau. Directeur: Michel Slivitzky, CES, BEng, MSc.

Université du Québec à Chicoutimi

Centre de recherche du moyen-nord. Les objectifs sont: a) assurer le développement de la recherche nordique à l'Université du Québec à Chicoutimi, la seule institution universitaire voisine du Moyen-Nord; b) aider à la formation de personnel spécialisé pour l'éducation et le développement des autochtones en vue du développement rationnel des pays nordiques; c) promouvoir la coordination des projets de recherche en tenant compte des autres équipes de chercheurs dans les autres universités et dans les services gouvernementaux. Ce centre renferme six sections: productivité biologique se rapportant spécialement à la Ouananiche; études amérindiennes; géologie du Bouclier; physique de la basse atmosphère; études économiques.

Université du Québec à Montréal

Centre de recherche en didactique. L'activité du centre se concentre actuellement sur trois secteurs de recherche: études psychologiques sur le développement objectif, fondements psychologique et épistémologique de l'enseignement des sciences, psychologie de l'apprentissage. Il s'ajoutera au cours de très prochaines années des études sur la pédagogie cybernétique, la didactique de la formation des maîtres, la didactique de l'éducation des adultes. Directeur: Albert Morf, DPsy.

Centre de recherche en sciences appliquées à l'alimentation (CRESALA). Le CRESALA a pour objectif: d'effectuer de la recherche appliquée dans le domaine des sciences reliées au secteur alimentaire; son secteur d'activité se situe plus particulièrement entre

celui des sciences agronomiques et celui de la diététique et de la nutrition; son activité elle-même sous forme de "programmes" reliés aux objectifs généraux et spécifiques du cresa par le moyen de l'interdisciplinarité. L'action est axée sur les besoins multiples et complexes du milieu québécois et s'exerce au niveau public, parapublic et privé.

Centre de recherches écologiques de Montréal. En collaboration avec le Jardin Botanique et l'Université de Montréal, l'activité du centre se concentre sur les secteurs suivants: biosystématique, biogéographie, morphologie et sélection végétales. Des travaux auront également lieu pour mieux connaître, protéger et améliorer notre environnement physique et biophysique. Directeur: Pierre Dansereau, DSc.

Centre interuniversitaire d'études européennes. Ce centre a pour but de favoriser la planification de la recherche en études européennes, principalement en Amérique du Nord. Le centre centralise et diffuse l'information dans ce domaine; il favorise également des programmes de recherches conjoints, dont il assume la direction. Le centre interuniversitaire participe aussi activement à la planification de l'enseignement supérieur dans son domaine, principalement dans la région montréalaise.

Université du Québec à Trois-Rivières

Centre de recherche des sciences de la santé et de l'efficacité physique. Ce centre s'intéresse à la croissance psycho-somatique des enfants de quatre à seize ans soumis à un minimum d'activités physiques et de pratique sportive contrôlée. Il veut également évaluer les facteurs inhérents à la pratique des sports de compétition qui peuvent avoir une influence psycho-somatique chez l'enfant et l'adulte. Il cherche à mettre au point des tests psychologiques de l'effort chez l'enfant et étudie enfin le métabolisme intermédiaire chez l'enfant en effort. Directeur: Hugues Lavallée, DMd.

Centre d'études en loisirs. La recherche du centre s'effectue par des études sur les sujets suivants: recherches sur le développement de la vie professionnelle en loisir au Québec; recherches sur les comportements, valeurs, attitudes et aspirations en loisir. Directeur: Michel Bellefleur, BPhil, LicPhil.

Centre d'histoire des religions et d'archéologie préhistorique. Ce centre se spécialise dans les études ci-après: dictionnaire des symboles; études sur l'Hindouisme; fouilles archéologiques au Québec (Abitibi et Mauricie). Directeur: Alexis Klimov, LicPhilLet.

QUEEN'S UNIVERSITY AT KINGSTON*

Kingston, Ontario

Telephone: 613-546-3871

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – J.B. Stirling, SM, CD, BA, BSc, LL.D., DSc. Rector – A. Broadbent, BA. Vice-chancellor and principal – J.J. Deutsch, BCom, LL.D.

GENERAL INFORMATION Queen's is a non-denominational and co-educational institution. The government of the university is vested in a board of trustees, a university council, a senate and faculty boards.

BACKGROUND Queen's College was founded by the Presbyterian Church of Canada in connection with the Church of Scotland primarily to provide educational opportunity for the youth of a growing economy and for a ministry trained within the country. On October 16, 1841, Queen Victoria issued a Royal Charter to "Queen's College at Kingston". The first session opened on March 7, 1842, and the first degrees were awarded in June 1847.

The only denominational requirement was that the principal be a Presbyterian minister and that trustees and staff subscribe to the Westminster Confession of Faith. The denominational requirements were gradually eliminated by successive acts of parliament.

The Dominion of Canada Act of 1912, essentially a new charter, removed the last trace of them. The faculty of theology became Queen's Theological College and the original Queen's College at Kingston became Queen's University at Kingston.

BOARD OF TRUSTEES The board consists of ex-officio and elective members. The ex-officio members are the chancellor, the principal, and the rector. The elective members are: one representative from each affiliated college; representatives, as provided by the statutes from the university council, the benefactors, and the graduates; and members elected by the board of trustees. The functions of the board are to manage the finances, to possess, care for and enlarge the property, to share with the senate the responsibility for the selection of the principal, to appoint the principal and the vice-principals, to procure legislation and, in general, to attend to such external matters as do not relate directly to instruction.

UNIVERSITY COUNCIL The University Council consists of the chancellor, the vice-chancellor, the trustees, the members of the senate, and an equal number of members elected by the graduates from their own members. Functions of council are: a) to elect the chancellor; b) to elect six trustees; c) to make by-laws governing the elections of the rector, seven trustees by the benefactors, six trustees by the university council and six trustees by the graduates; d) to discuss all questions relating to the university and its welfare; e) to make representation of its views to the senate or the board of trustees; f) to decide on proposal for affiliation and g) to arrange all matters pertaining to its own meetings and business, meetings and proceedings of convocation, installation of the chancellor, and fees for membership, registration, and voting.

*Ordinary member, AUCC.

SENATE The Senate consists of ex-officio and elective members. The ex-officio members are the principal, the vice-principals, the principal of Queen's Theological College, the deans of the faculties of arts and science, applied science, education, medicine, law, the deans of the schools of graduate studies, business, nursing, the dean of student affairs, the chief librarian, and the president of the Alma Mater Society. All academic matters and the planning of the development of the university are the responsibility of the senate.

PUBLICATIONS Queen's University publishes the following calendars and brochures, copies of which may be obtained by writing to the registrar. Entrance and matriculation scholarships bulletin; faculty of applied science; faculty of arts and science; faculty of education; faculty of law; faculty of medicine; handbook admissions bulletin; school of business (undergraduate and graduate); school of graduate studies; school of nursing; school of rehabilitation therapy; summer school and extramural, theological college.

ACADEMIC YEAR Winter session — September to May; summer session — early July to mid-August.

BUILDINGS AND GROUNDS Queen's University at Kingston (population of Kingston approximates 60,000), has 35 teaching buildings; an administration building; a library (850,000 volumes), a law library (89,114 volumes); an education library (36,078 volumes); well-equipped laboratories for the basic and applied sciences and a psychological laboratory; an experimental station some 15 miles from Kingston provides special opportunity for research in land and water biology; the Kingston General Hospital, the Hotel-Dieu and the Kingston Psychiatric Hospital are centres for clinical teaching in medicine. There is an art centre, a music library, a new gymnasium complex with a swimming pool of Olympic size, a synchrotron laboratory, a computing centre, and foreign language laboratories. Queen's University radio station, CFRC, is owned by the university and operated by the student radio club under the supervision of the director of radio and a professor of electrical engineering.

STUDENT RESIDENCES There is residence and dining accommodation for 1,114 women and 1,105 men (the dining hall in the women's residence also accommodates women students lodging out of residence).

LIBRARIES The library system at Queen's includes the Douglas library, the central unit which serves the social sciences and humanities as well as containing special services, technical processing departments and administrative offices. There are three major faculty libraries in law, education and the health sciences, and 18 smaller branch libraries, chiefly in the sciences and applied sciences. Branch libraries for the most part contain working collections close to laboratories and classrooms in special disciplines. The library contains approximately 850,000 volumes, the law library 89,114 volumes, the education library 36,078 volumes.

STUDENT LIFE Queen's provides opportunities for students to compete in a total of 21 intercollegiate sports and 27 intramural sports. The new George Richardson memorial stadium is the home of the Golden Gaels football team. The large new physical and health education complex is comprised of dance studios, three gymnasiums, swimming pools, a hockey arena, squash, handball and tennis courts, modern weight training equipment and archery and pistol ranges. The Agnes Etherington art centre houses the permanent university collection of art, and offers a full exhibition program of great variety throughout the year; the centre presents illustrated lectures, films and music recitals.

Convocation hall is the home of the Queen's theatre, which is one of the outstanding small theatres in the country. Opportunities exist for students to take part in drama productions, including acting, directing, design, stage management, costuming, lighting and sound. The music department has a large collection of recordings for classwork and student listening, supported by a library of books and musical scores. There is also the Glee club, the Choral society and the Queen's University band. Queen's radio station CFRC and CFRC-FM is operated by the student radio club under the supervision of the station manager with technical direction from a professor in electrical engineering. Students at Queen's also participate in skin diving and flying, political and field naturalist activities, student newspapers and social volunteer work.

MEDICAL SERVICES The Student Health Service is located on campus and provides comprehensive outpatient medical care and psychiatric and psychological service to all students registered at Queen's and at Queen's Theological College. Medical staff consists of two full-time specialists in internal medicine, two full-time practitioners trained in public health and four registered nurses.

STUDENT COUNSELLING SERVICES Academic and career counselling is available. The psychiatric division of the student health service provides help with the resolution of emotional problems which students commonly encounter. The student counselling service offers free, confidential psychological counselling and testing. Professional help is available for any personal or social problems which may arise. Individual and group testing is provided regarding vocational and educational-related abilities and interests. As well, the university has a chaplain on campus who is available to all students and staff.

UNIVERSITY BOOKSTORE Books and academic supplies are available at the Technical Supplies Store located on campus. The store maintains a stock of all required textbooks for all courses in the university along with a wide range of popular reference books in both hard and soft covers. To achieve its non-profit position, the store currently applies a discount, where applicable, of 10% on most textbooks in stock, and on instrument sets. Different discounts apply to other items.

STUDENT EMPLOYMENT The career planning and placement department provides all possible assistance to students seeking permanent, summer, or part-time employment, and discussion of career plans with students on an individual basis. The placement office supervises a program of on-campus recruiting by major employers, conducts a series of career seminars throughout the school year, and maintains a large survey of literature on career plus other aids to career planning. This service is available to all registered full-time students.

STUDENT GOVERNMENT Queen's was the first university in Canada to introduce student self-government. All students are members of the Alma Mater Society, the chief instrument of student government. The society through its officers, councils and committees, organizes the student self-government that is a tradition in the university dating back to 1858. The society sponsors educational, cultural and social activities; publishes a newspaper, year-book, handbook, and student directory; supervises non-academic discipline; and participates in providing student services.

GRADING SYSTEM Standing is graded as follows for all faculties: grade A, 80-100%; grade B, 65-79%; grade C, 50-64%; grade E, 35-49%; grade F, below 35%.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Queen's University offers a large number of scholarships and bursaries as well as other kinds of financial aid. Detailed information is contained in the university calendars or may be obtained by writing directly to the assistant registrar (student awards).

FEES AND COSTS Tuition fees per year: full-time (a) for first degree – arts, commerce, law, 1st-year nursing, \$600; pure science, physical and health education, nursing, rehabilitation therapy, \$600; engineering (1st and 2nd years), \$675; medicine (medical years), engineering (3rd and 4th years), \$725; (b) for master's degree – arts, science, \$292.50 per term or \$877.50 per year; business administration, \$595; (c) for doctorate, \$292.50 per term or \$877.50 per year; (d) for graduate diploma – medical radiology – \$292.50 per term or \$877.50 per year or \$100 fee per term (3-term year).

Student activities per year: \$63 to \$86, depending on faculty. Extramural course, \$135; summer school course, \$135; course taken as an extension tutorial class, \$135.

Residence fees for men: (room and board) – arts and science (first year), single \$1,057, double \$996; arts and science (second, third, and fourth years), single \$1,037, double \$997; medicine (first and second years) single \$1,221, double \$1,151; (third year) single \$1,186, double \$1,118; applied science (first year) single \$987, double \$930; applied science (second, third and fourth years) single \$1,018, double \$960. Earl Street residence (senior students, room only): arts and science (third and fourth years), \$536; applied science (third and fourth years), \$526; commerce (third and fourth years), \$544; medicine (first, second and third years), \$613; law \$637; education \$560. West campus residence (co-ed, room only): fees as above in Earl Street residence. Residence fees for women: (room and board) single \$937, double \$898.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Educational level equivalent to successful completion of Ontario grade 13 as certified by the secondary school, minimum average 60% to be eligible for consideration.

2. Tests for admission. SACU (CSAT and CELAT) scores, or CEEB (SAT – two achievement) scores.

3. Specific requirements. Arts BA (three-year), arts BA [honors (four-year)] – for mathematics, two credits in mathematics are required (three credits are strongly recommended); for natural sciences, two credits in mathematics and two of biology, chemistry or physics are required (three credits in mathematics are strongly recommended). Science BSc [honors (four-year)] – for natural sciences, at least two credits in mathematics, one in each of chemistry and physics (three credits in mathematics strongly recommended); biology acceptable for biology but physics 001 required in first year; BSc [honors (four-year)] for mathematics, at least two credits in mathematics (three credits in mathematics strongly recommended). Art education – grade 13 art or history of art is required in first year. A portfolio and/or an interview is requested. Music – grade VIII keyboard (or grade VI keyboard and grade VI voice, band or orchestral instrument) and grade II theory, or

grade 13 music; in lieu of these music qualifications an audition is required.

Nursing, physical and health education, rehabilitation therapy – one credit in mathematics and one credit in chemistry; an interview is normally requested for occupational therapy. Commerce – two credits in mathematics, one credit in English. Applied science (engineering) – three credits in mathematics or equivalent, one in each of physics and chemistry, normally no mark in these subjects below 65% is acceptable. Medicine – at least two years' university work beyond Ontario grade 13 including one year in each of physics, general or inorganic chemistry, general biology or zoology, organic chemistry. Law – BA or equivalent, or at least two years' university beyond Ontario grade 13 or three years beyond Ontario grade 12. For admission to the BD course – a BA degree.

Foreign students

UK – GCE in five subjects with at least two at A level. USA – minimum requirement of grade 12 high school academic graduation with exceptionally high standing. Other countries – equivalent official certificates. Students whose mother tongue is not English may be required to submit satisfactory scores on the University of Michigan English language test or the test of English as a foreign language. Applicants submitting the international baccalaureate will be considered for admission.

Mature students

Candidates who are at least 21 years of age and who cannot meet the normal admission requirements may be admissible. Before being granted formal matriculation into the university the applicant must either pass with a minimum 60% average, one degree credit course of arts and science at Queen's, or have obtained an average of between 50% and 60% on this course, or complete a second course obtaining a minimum average of 60% on the two courses. These courses may be taken intramurally, extramurally or at summer school and will count for degree credit if the student is formally admitted.

Graduate

For admission to graduate study, a student must have obtained a degree or degrees with specified grades.

COURSES AND DEGREES

ARTS

Faculty of arts and science

Bachelor of arts (BA). (a) General course, three years from senior matriculation. Concentration possible in art history, biochemistry, biology, chemistry, classical studies, commerce, drama, economics, English, film, French, geography, German, Greek, history, Italian, Latin, mathematics, music, philosophy, physics, political studies, psychology, religion, Russian, sociology, and Spanish. (b) Honors course, four years from senior matriculation. Available in art history, biology, classics, economics, English, French, geography, German, Greek, history, Latin, mathematics, music, philosophy,

physics, political studies, psychology, Russian, sociology, and Spanish.

Bachelor of music (BMus). Four years from senior matriculation.

Bachelor of art education (BAE). Four years from senior matriculation.

School of graduate studies

Master of arts (MA). Ordinarily, one year from honors BA. Available in classics, economics, English, French, geography, German, history, mathematics, philosophy, political studies, psychology, Spanish.

Diploma in clinical psychology. Given at the end of the first year of a PhD program.

Doctor of philosophy (PhD). Normally two years from master's degree. Available in economics, English, French, German, history, mathematics, philosophy, political studies, and psychology.

BUSINESS

School of business

Bachelor of commerce (BCom). Four years from senior matriculation.

Diploma in business administration. One year from bachelor's degree in arts, science or engineering.

Master of business administration (MBA). Two years from bachelor's degree in arts, science or engineering. Designed for graduates seeking careers in professional management and administration.

Master of public administration (MPA). A university degree and substantial administration experience, or having graduated with a better than average standing in either arts, law or commerce.

Commerce, see business above

DIVINITY

Queen's Theological College

Bachelor of divinity (BD). Three years from BA.

Bachelor of theology (BTh). Four years.

EDUCATION

Bachelor of education (BEEd). Admission requirements are proof of graduation with an approved degree.

Master of education (MEEd). Honors bachelor's degree followed by BEEd degree and 2 years' teaching.

Engineering, see science, applied

LAW

Faculty of law

Bachelor of laws (LLB). Three years from: (a) three years of university degree course beyond junior matriculation, or (b) two years of university degree course beyond senior matriculation, or (c) a bachelor's degree.

Master of laws (LLM). One year full-time program, admission restricted to 40. Proof of graduating with a high standing from a recognized university.

MEDICINE

Faculty of medicine

Doctor of medicine (MD). A total of six years from senior matriculation (the two pre-medical years have now been discontinued). These are followed by one-year internship.

School of graduate studies

Master of science (MSc). Normally at least one year from MD degree with a minimum of second-class honors standing. Available in anatomy, biochemistry, community health and epidemiology, medicine, microbiology and immunology, paediatrics, pathology, pharmacology, physiology, and surgery.

Diploma in radiology (diagnosis) [DMR(D)]. Two years. Candidates with the MD degree are accepted under the general regulations of the school of graduate studies and research. Studies for the DMR(D) program lead to certification or fellowship by the Royal College of Physicians and Surgeons of Canada after three years of diagnostic radiology. The Royal College requires an additional year which may be spent either in isotopes in the department, or in medicine or surgery, or six months of either plus six months of pathology.

Diploma in anaesthesia. Applicants with the MD degree are accepted under the general regulations of the school of graduate studies and research. All graduate students who complete three years' training in the department of anaesthesiology, one of which shall be either internal medicine or a basic science, will be a candidate for the diploma in anaesthesia, on examination, granted by the university. The postgraduate course satisfies the requirements for examination for the certificate and fellowship (in anaesthesia) degree of the Royal College of Physicians and Surgeons of Canada.

In addition, postgraduate work is offered in obstetrics and gynaecology, psychiatry and urology.

NURSING

School of nursing

A four-year integrated program leading to the bachelor of nursing science is offered to high school graduates. Registered nurses are required to complete a three-year program. The one-year diploma course in public health nursing has been discontinued.

PHYSICAL EDUCATION

School of physical and health education and faculty of arts and science

Bachelor of arts (BA) and bachelor of physical and health education (BPHE). Four years from senior matriculation.

REHABILITATION THERAPY

School of rehabilitation therapy

Diploma in physical or occupational therapy. Enrolment limited to 25. Secondary school honor graduation diploma or equivalent required. Three-year program. Students may return after two years' clinical practice and take a fourth year leading to a BSc(PT) or BSc(OT). A straight four-year degree program will be offered in the near future.

SCIENCE, APPLIED

Faculty of applied science

Bachelor of science (BSc). Four years from senior matriculation. Available in chemical, civil, electrical, mechanical, metallurgical, and mining engineering, and in chemistry, geological sciences, mathematics and engineering, and physics. Students graduating with first- and second-class honors standing on the work of the third and fourth years are awarded the BSc with honors.

School of graduate studies

Master of science in engineering [MSc(Eng)]. Ordinarily, one year from BSc with at least second-class honors standing. Available in chemical, civil, electrical, mechanical, metallurgical, and mining engineering, and in chemistry, geological sciences, mathematics, and physics.

Diploma in engineering. One year from BSc. Available in some branches of engineering. Programs are substantially the same as those for the master's degree except that five or six graduate courses are required and there is no research or thesis.

Doctor of philosophy (PhD). Two years from master's degree. Available in chemistry, chemical, civil, electrical, mechanical, metallurgical, and mining engineering, geological sciences, mathematics, and physics.

SCIENCE, NATURAL

Faculty of arts and science

Bachelor of arts (BA). General course, three years from senior matriculation. Concentration possible in the experimental sciences.

Bachelor of science (BSc). Honors course, four years from senior matriculation. Available in biochemistry, biology, chemistry, geography, geology, life sciences, mathematics, mathematics and computing science, microbiology and immunology, physics, and physiology.

School of graduate studies

Master of science (MSc). Ordinarily, one year from BSc with at least second-class honors standing. Available in anatomy, biochemistry, biology, chemistry, community health and epidemiology, computing science and information, geography and mathematics, geology, medicine, microbiology and immunology, pathology, pharmacology, physiology, psychiatry, and surgery.

Doctor of philosophy (PhD). Two years from master's degree. Available in anatomy, biochemistry, biology, chemistry, geological sciences, mathematics, microbiology and immunology, pathology, pharmacology, physics, and physiology.

EXTENSION PROGRAMS

For university credit

Extramural courses — undergraduate courses are offered by correspondence or in local tutorial groups. It is not possible to take a degree entirely by correspondence. Residence requirements must be fulfilled by attending four summer schools or one regular winter session and two summer schools. Two courses taken with a tutorial group (see below) will count as one summer school. Tutorial centres: includes Oshawa, Cobourg, Belleville, Brockville, Madoc; a program of fortnightly lectures by university staff. Kingston has more frequent night classes. Summer school — courses in a large number of arts and science subjects. Summer school in Bermuda — regular degree courses are given each summer in Bermuda with university instructors in charge.

For no university credit

Summer school. School of English for French-speaking Canadians and others.

RESEARCH INSTITUTES Centre for French Area Studies. The centre was established in 1967 to co-ordinate and develop interdisciplinary studies and research in areas where French is the main language of communication. Its present membership includes specialists in the language, literature, history, and politics of France and French Canada.

Institute of Commonwealth and Comparative Studies. The Queen's University Institute of Commonwealth and Comparative Studies was established in 1963 to concentrate, co-ordinate, and encourage interdisciplinary studies in comparative Commonwealth and other areas at the undergraduate and graduate levels. Programs of study may be arranged within the current course

offerings and regulations of the participating departments and faculties. At the present time, the institute is sponsored jointly by the departments of economics, English, French, geography, history, political studies, and the faculty of law.

Institute of Local Government. The institute is associated with the department of political studies. Its staff conducts research and teaches graduate and undergraduate students in provincial and local governments. The institute has an extensive library.

Institute for Economic Research. Conferences, research, and publications on topics in economics are organized by the Institute for Economic Research.

Institute of Intergovernmental Relations. This institute, also associated with the department of political studies, was established to provide a centre for research into the problems of intergovernmental relations in Canada and elsewhere. The institute provides students in several disciplines with an opportunity for directed study in intergovernmental relations.

The Industrial Relations Centre. The varied facilities of the centre are available to undergraduate and graduate students. Industrial relations has formed an important part of work at Queen's for many years. Hence students wishing to concentrate in this field can draw upon these specialized resources. The program of the centre is built upon five functions: 1) participation in undergraduate and graduate instruction; 2) undertaking of a continuing program of research and publication; 3) conduction of seminars and conferences; 4) maintenance of policy-oriented relationships with government, industry, and labour; 5) maintenance of a specialized,

industrial relations reference library. The centre's research programs offer opportunities for summer employment and research experience. The specialized library is also particularly valuable to those students engaged in special study and research in industrial relations and labor economics.

Canadian Institute of Guided Ground Transportation. The Canadian institute for research and education in ground transportation was established in June 1970 by four founders — Queen's University, Canadian National Railways, Canadian Pacific Railway and the Canadian Transport Commission. Its main functions are (a) to seek solutions to some of the problems that face Canada's railway industry; (b) to provide additional opportunities in research and education for students, university staff, and employees of industry and government; (c) to increase the supply of persons competently trained in fields relating to guided ground transportation; (d) to establish a reference centre which will facilitate national co-ordination within the industry.

Centre for Metal and Mineral Technology. A centre for industrial research in the science of metal and mineral technology. Statistics are drawn from physics, chemistry, mining and earth sciences.

AFFILIATED COLLEGE Queen's Theological College, Kingston, Ontario. Principal — Reverend Donald Mathers, MA, BD, PhD, DD. United Church. Co-educational. Established 1912, when the faculty of theology was separated from the university and incorporated as Queen's Theological College. Offers courses in theology leading to the bachelor of divinity (BD) and bachelor of theology (BTh) degrees awarded by the university.

ROYAL MILITARY COLLEGE OF CANADA*

Kingston, Ontario

Telephone: 613-545-7236

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor and president – the Minister of National Defence, The Honorable E.J. Benson, PC, BCom, FCA, MP. Commandant – Brigadier-general (L) W.K. Lye, MBE, CD, ADC, PSC, RMC, CE, BSc, PEng. Principal and director of studies – J.R. Dacey, MBE, BSc, MSc, PhD, FCIC.

GENERAL INFORMATION The college is one of the three Canadian military colleges and is maintained and administered by the Department of National Defence. It is for men only and is non-denominational. The minister of national defence is, ex officio, president of the Canadian military colleges, and chancellor of the Royal Military College of Canada.

BACKGROUND The Royal Military College of Canada had its beginning in 1874 when the dominion government decreed by act of parliament that there be established in one of the garrison towns of Upper Canada “an institution for the purpose of imparting a complete education in all branches of military tactics, fortification, engineering, and a general scientific knowledge of the military profession, and for qualifying officers for command and for staff appointments”. The site selected was the old naval dockyard

on Point Frederick immediately east of Kingston. The college was opened in June 1876. The title “Royal” was conferred on the college by Queen Victoria in 1878. The college was closed in 1942 for the duration of the war and reopened in 1948 as a tri-service college.

A degree-granting charter was obtained from the Ontario legislature in March 1959 for the conferment of degrees in arts, science, and engineering. The first degrees were awarded in 1959.

ADVISORY BOARD The function of the Advisory Board is to advise and make recommendations to the minister on all matters pertaining to the colleges. The advisory board is composed of: a) the following ex-officio members – chief of the defence staff; deputy minister; chairman, Defence Research Board; vice chief of the defence staff, and chief of personnel; and b) the following members appointed by the minister – two representatives from each of the provinces of Ontario and Quebec, and one representative from each of the other provinces, three ex-cadet representatives nominated by the Royal Military College Club of Canada, one of which shall be an ex-cadet of the Royal Roads Military College and one ex-cadet representative nominated by the Club des anciens du CMR Ex-Cadet Club.

SENATE Under the Royal Military College of Canada Degrees Act, 1959, the Senate has the power to grant degrees and honorary degrees in arts, science and engineering. The senate consists of the president, the commandant, the director of studies, the chairmen of the academic divisions, and the registrar as secretary.

INCOME Income is derived from federal funds.

*Ordinary member, AUCC.

PUBLICATIONS Calendar and counsellors' handbook available from the registrar.

ACADEMIC YEAR The college year is divided into three terms. The fall and winter terms together provide a period of 32 weeks' instruction including examination periods. From September to May inclusive, approximately 85% of the instruction is in academic subjects and the remainder in military subjects. The summer term, extending from June to mid-August, is spent in practical military training with the armed forces.

BUILDINGS AND GROUNDS The college is situated east of Kingston on a peninsula comprising approximately 110 acres. It has 10 teaching buildings, including laboratories and workshops, a library (130,000 volumes), two gymnasias, a student facilities building that includes a swimming pool, four dormitories and several other administrative and athletic buildings. All cadets are in residence, with complete living facilities provided.

LIBRARY The Massey library, opened in September 1960, houses the administrative and technical services of the college library, the greater part of its collection of approximately 140,000 volumes and, as separate units, the departments of English, French, history, and political and economic science. The library contains spacious and well-appointed reading and reference rooms, book-stacks which are open to both staff and cadets, and a fine arts lounge equipped with facilities for the exhibition of prints and pictures and for the enjoyment of recorded works of music, poetry and drama. The library subscribes to some 650 periodicals and serials, and the book collection is growing at the rate of approximately 9,000 volumes per year. A separate reference library in science and technology is maintained in the Mackenzie building, and there are small working collections in the departments of civil, electrical and mechanical engineering. The prime collection of the Massey library is devoted to war studies.

STUDENT LIFE All cadets at RMC must be Canadian citizens, precluding attendance by foreign students. RMC is located within one-half mile of downtown Kingston, a city of 60,000 which provides all off-campus services. Cadets are required to live in dormitories and all student services are provided.

MEDICAL SERVICES Regular cadets are members of the Canadian Armed Forces who receive medical services free of charge. A small clinic is located on the campus to cope with medical problems.

STUDENT COUNSELLING SERVICES As a military institution, RMC provides all military counselling through cadet and officer counsellors. Academic counselling is provided through the registrar's office and academic departments. Each cadet has a regular force squadron commander and an academic instructor as a counsellor.

EMPLOYMENT SERVICES Cadets are members of the regular officer training plan and receive full subsidization for their entire program. Summers are spent at various Canadian Armed Forces units training for future careers as members of Canada's Officer Corps.

GRADING SYSTEM Standing is graded as A: 75-100%; B: 66-74%; C: 60-65%; D: 50-59%; E: 35-49% (failure); F: below 35% (serious failure).

FINANCIAL AWARDS AND ASSISTANCE Regular officer training plan — scholarships awarded in recognition of academic merit may be retained under the regular officer training plan. Reserve entry plan — applicants under the reserve entry plan are eligible to apply for a number of scholarships and bursaries that are available to students at Canadian universities. Further information may be obtained from the registrar.

Royal Military College Club of Canada foundation scholarship — three scholarships annually are open to competition among all reserve entry applicants for admission to the Canadian military colleges. Each scholarship has a value of \$1,000 for the first year and a further increment of \$400 for each subsequent year up to the time of graduation from the Royal Military College of Canada. An applicant, to be awarded a scholarship, must be an accepted reserve entry candidate for Royal Military College of Canada, Kingston, Ontario; Royal Roads, Victoria, B.C.; or Collège militaire royal de Saint-Jean, Saint-Jean (Québec). Further information may be obtained from the secretary-treasurer, R.M.C. Club of Canada, Royal Military College of Canada, Kingston, Ontario.

Dominion cadetships — the following cadetships are offered to candidates admitted to their first year at the Canadian services colleges: a) the value of cadetship is \$580 and shall be applied against the recipient's initial year fees; b) not more than 15 cadetships may be awarded in a college year, of which five may be awarded to candidates of each service; c) a candidate, to be eligible for a cadetship, shall satisfy the requirement for entrance and be the son of a person who was killed, died, or is severely incapacitated as a result of service in: 1) the Canadian Forces; or 2) the Canadian Merchant Marine during hostilities; d) applications for cadetships shall be made in writing giving full particulars of the candidate's eligibility under (c) of this article and shall be forwarded by the first day of July, to: the director of recruiting, Canadian Forces Headquarters, Ottawa, Ontario; e) the final board of selection shall submit to the minister for approval a list of candidates recommended for cadetships, in the order of selection.

GRADUATION Degrees are conferred at graduation ceremonies in May by the chancellor.

FEES AND COSTS The scale of fees is \$550 for the first year and \$300 in each subsequent year in respect of tuition, clothing, books, instruments, drawing materials, dry cleaning, laundry, and incidental expenses; an annual fee of \$585 for accommodation and meals; recreation club fee of \$30 plus a deposit of \$100 to cover incidental expenses, of which the unexpended balance is refundable. Cadets attending under the regular officer training plan (ROTP) have their fees paid and those holding Dominion cadetships have their first-year fees paid.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. An applicant must be a male Canadian citizen and must be between the ages of 16 and 21. For admission to the first year of the course: senior matriculation. In addition to the general and academic admission standards, service enrolment standards must also be met. Students who have completed two years of study beyond senior matriculation at Royal Roads Military College, or three years of study beyond junior matriculation level at the Collège militaire royal de Saint-Jean will be admitted to the third year of the course.

2. Tests for admission. SACU tests are administered by the Department of National Defence at time of selection interviews.

3. Specific requirements — Royal Military College. English or French or français; mathematics (A in Ontario, 30 in Alberta, algebra, geometry and trigonometry elsewhere); one of chemistry, physics; mathematics B in Ontario, 31 in Alberta, or chemistry or physics; and other approved subject(s) (including chemistry, physics) to complete full senior matriculation; French (or English) as a second language is normally required to equivalent of junior matriculation.

4. Specific requirements — Royal Roads Military College. Arts — English, mathematics (A in Ontario, 30 in Alberta, algebra, geometry and trigonometry elsewhere), chemistry or physics or French, and other subject(s) to complete full senior matriculation. Science and engineering — English or French, mathematics (A in Ontario, 30 in Alberta, algebra, geometry and trigonometry elsewhere) chemistry and physics. (Candidates of high standing may be accepted with only one of chemistry or physics) English, mathematics, physics, chemistry, and, if possible, French required at junior matriculation level.

5. Conditions particulières — Collège militaire royal de Saint-Jean. Année préparatoire, bons résultats en langue maternelle (anglais ou français), en chimie, en mathématiques (au complet) et dans les autres matières du programme au moins de l'avant-dernière année dans la province domiciliaire. Première année — au moins le diplôme de fin d'études secondaires ou l'équivalent.

Specific requirements — Collège militaire royal de Saint-Jean. Preliminary year: mother tongue (French or English), chemistry, mathematics (complete) and other subjects to complete at least junior matriculation in home province with high standing. First year — at least senior matriculation or equivalent.

Foreign students

Only Canadian citizens are eligible. Standing equivalent to that for Canadian students. UK — GCE O level in English, French, mathematics, physics, chemistry accepted as equivalent to junior matriculation, in addition at least mathematics and physics at A level required for RMC and RRMC. USA — high school grade 12 academic graduation accepted as equivalent to junior matriculation, in addition one year's work at an approved college or university including English, mathematics and physics required for RMC and RRMC (exceptionally high standing at high school may be acceptable at RMC and RRMC). Applicants submitting the international baccalaureate will be considered for admission.

Graduate

Graduate degree programs leading to the degrees of master of arts, master of science, and master of engineering are offered in the disciplines listed in the section entitled "courses and degrees". Admission to graduate studies is restricted at the present time to regular officers of the Canadian Armed Forces. Graduate students are posted to the college on full pay and allowances. Studies may be pursued on either a full-time or part-time basis, the latter in conjunction with other college duties. The admission policies and selection procedures are presented in CFAO 9-33.

Although the stated minimum time is one calendar year, most master's degree programs normally require 18 months of full-time study, or three years of half-time study, to complete.

COURSES AND DEGREES

ARTS

Bachelor of arts (BA). (a) Honors course, four years from senior matriculation. Courses of study are available in economics and commerce, English, French, history, international studies, political and economic science, emphasis politics, or emphasis economics. (b) General course, four years from senior matriculation. Courses of study are available in commerce, economics, English, French, history, international studies, and politics.

Graduate studies and research division

Master of arts (MA). Minimum one year from honors BA. Available in the departments of economics and politics, history and war studies.

ENGINEERING

Bachelor of engineering (BEng). Four years from senior matriculation. Specialization possible in chemical, chemical (nuclear option), civil, electrical, and mechanical engineering, engineering and management, and engineering physics.

Graduate studies and research division

Master of engineering (MEng). Minimum one year from BEng or equivalent with second-class honors. Available in chemical, chemical (nuclear option), civil, electrical, and mechanical engineering, and engineering physics.

SCIENCE, APPLIED

Bachelor of science (applied) (BSc). Four years from senior matriculation. A unique course of study containing requirements of courses in the humanities and applied science in addition to science.

SCIENCE, PURE

Bachelor of science (BSc). Honors and general course, four years from senior matriculation; mathematics and physics.

Graduate studies and research division

Master of science (MSc). Minimum one year from honors BSc. Available in chemistry, mathematics, and physics.

SPECIAL PROGRAMS Interdisciplinary programs — war studies. An interdepartmental program is available leading to the

degree of master of arts in war studies. Minimum 18 months from a first degree in arts, science, or engineering with second-class honors.

AFFILIATED COLLEGES Collège militaire royal de Saint-Jean, Saint-Jean (Québec). Le commandant, le Colonel J.P. Cadieux, CD, BSc, BEng. Pour hommes. Fondé en 1952. Bilingue. Les deux premières années d'études au RMC peuvent être faites au

CMR après une année préparatoire et les deux dernières années poursuivies au RMC.

Royal Roads, Military College, Victoria, British Columbia. Commandant: Colonel R.C.K. Peers. Men only. Founded in 1942. Offers first two years of degree course in arts, science, or engineering; final two years are taken at the Royal Military College of Canada.

RYERSON POLYTECHNICAL INSTITUTE*

50 Gould Street, Toronto, Ontario

Telephone: 416-595-5000

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chairman of the board of governors – R.G. Reid, BSc. President – D.L. Mordell, BA, MA. Vice-president academic – H.H. Yates, BSc, PhD. Vice-president administration – G. Korey, LL.M., LL.D., D.Sc.Econ, FRES, MIMC.

GENERAL INFORMATION Ryerson is a non-denominational, co-educational institution. Control is vested in a board of governors.

BACKGROUND Ryerson Polytechnical Institute was established by the Ontario government as the Ryerson Institute of Technology in 1948. In 1963 the Ryerson Polytechnical Institute Act established the new Ryerson Polytechnical Institute and transferred its governance and conduct to a board of governors. On October 1, 1971, an amendment to the Ryerson Polytechnical Institute Act empowered the institute to grant degrees of bachelor of technology and bachelor of applied arts in addition to its traditional diplomas and certificates.

The first degree was conferred on Ontario Premier William Davis at spring convocation, 1972, with nine students in interior design.

*Ordinary member, AUCC.

geodetic sciences and business administration making up the first degree class. The institute today offers more than 30 programs in the areas of arts, applied arts, business, community services and technology.

BOARD OF GOVERNORS Ryerson's board of governors is composed of: a) the minister of colleges and universities or his representative; b) a representative of the University of Toronto appointed by its board of governors; c) a representative of the Association of Professional Engineers of the province of Ontario appointed by its council; d) the president; e) nine persons who are residents of Ontario, appointed by the lieutenant-governor-in-council; four of the appointed members are elected annually and are composed of two faculty members and two student members. The board of governors is responsible for the government, conduct, management and control of Ryerson.

ACADEMIC COUNCIL Ryerson is governed by a board of governors but the Academic Council advises the board regarding academic matters. The council is composed of 37 elected students and alumni, 37 elected faculty and 36 ex-officio members.

INCOME Total current income \$17,810,765 (fees 15.1%, provincial government 84.1%, miscellaneous .8%).

PUBLICATIONS Annual calendar and various program brochures – available from office of admissions. Extension calendar – available from the extension department. Annual report, as required by Ryerson Polytechnical Institute Act – available from secretary of the board.

ACADEMIC YEAR Fall term — September 5, 1972 to December 8, 1972. Winter term — January 8, 1973 to April 20, 1973. Summer term — May 8, 1973 to July 27, 1973. Diploma nursing program — commences September and continues for six consecutive terms. Post-diploma programs — commence September, January and May.

BUILDINGS AND GROUNDS Ryerson's campus occupies several city blocks in downtown Toronto (metropolitan population, 2,609,638). The main quadrangle building, Howard Kerr hall, was opened in 1964 and Jorgenson hall was completed in 1971. Additions are being made continually to meet student enrolment requirements. Other buildings serve the business, electrical technology, photographic arts, journalism, radio and television arts and theatre departments. Ryerson has its own FM radio station, CJRT and, on campus, closed-circuit television station RCTV and radio station RCR.

STUDENT RESIDENCES Bond house (accommodation for 48 men); Palin hall (accommodation for 42 men); Neill-Wycik College (22-storey co-operative residence owned and operated by its members and houses 800 students).

LIBRARIES Ryerson's library contains 80,000 volumes. The library subscribes to approximately 1,800 periodicals.

STUDENT LIFE Services available to students include a health centre, counselling services, students' union, placement office, food services, housing registry, bookstore, a gymnasium and a swimming pool.

MEDICAL SERVICES A modern well-equipped health centre is located in Howard Kerr hall. A registered nurse and doctor are in attendance Monday to Friday. Any illness or accident not requiring hospitalization can be treated at the centre.

STUDENT COUNSELLING SERVICES The counselling service helps students help themselves through interviews, informal conversations, group sessions, etc. Psychological test batteries are administered to students on a voluntary basis. The Counselling Centre arranges a number of personal growth groups for those interested in examining their own life-style and improving their level of interpersonal functioning.

BOOKSTORE Students may purchase textbooks, stationery, art equipment and supplies along with a wide variety of gift items, greeting cards, and school souvenirs, all at substantial discounts from the bookstore.

STUDENT EMPLOYMENT Ryerson's Student Placement Office is staffed by the Department of Manpower and Immigration. The placement office exists to find permanent employment for Ryerson's graduates, and part-time, temporary, and summer jobs for undergraduates. Many employers participate in on-campus recruitment, which occurs twice each year, October-November, and January through March.

STUDENT UNION The Students' Union is administered by a 12-member board of directors, elected annually. Every student is a member of the students' union. Under its terms of incorporation, the union administers funds collected on behalf of the union by the institute.

GRADING SYSTEM Final course grades are determined by combining term and/or examination evaluations. The grades and their interpretations are: pass grades — A, excellent performance;

B; C; D, minimum pass performance; PSD, passed (no breakdown of passing grade); AEG, aegrotat. Non-pass grades — X, failed — must repeat course; INC, incomplete; X-S, failed with supplemental examination privilege. Other designations — CR, course credit; EXP, exemption; NG, no record of student having attended course; NCR, non-completion of a non-credit course.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Principal open awards to graduates of Canadian secondary schools entering Ryerson — Steel Company of Canada, \$200 per annum until graduation; three other entrance awards, \$200 per annum. In addition, there are 265 awards to academic departments with specified terms of reference from \$50 to \$1,250. There is a general bursary fund from which grants are made to students in financial need. Ryerson administers the Ontario Student Awards Program which is integrated with the Canada Student Loans Plan.

FINAL EXAMINATIONS Final examinations may be held at the end of each term for one-term courses, or in April for two-term courses. A supplemental may be granted where the student has failed a course (except for courses taught by the technology division). Supplemental examination privileges will be offered in June. Students may clear outstanding supplementals prior to June by writing the examination during the regular examination period, providing an examination has been scheduled and does not conflict with other examinations being written.

GRADUATION Degrees, diplomas and certificates are awarded to students who successfully complete programs as prescribed by the academic council. Convocation exercises take place three times each year, February, May and October.

FEES AND COSTS Full-time fees — \$212 per term. Part-time fees — (a) if a student registers for 26-69% of a full program, \$106; (b) if a student registers for less than 26% of a full program, \$53.

Evening post-diploma programs: a) engineering technology, \$60 for each 3-hour-a-week course, each term; \$120 for each 6-hour-a-week course, each term. b) Business management, \$60 for each one-term course; \$120 for each two-term course. Fees for extension courses are \$35-\$125 per course.

Fees include tuition, graduation and convocation activities, services performed by the institute and by the students' union on behalf of the institute.

Residence fees: Bond house and Palin hall, \$192 per term. Neill-Wycik College, fees \$240-\$480 per term.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Ryerson operates on a system of subject admissions. Students applying for a particular program will require the secondary school diploma (grade 13) together with specific subjects and level of achievement necessary for admission to that program (see 2 below). Applicants who have completed one or more years at a university, college of applied arts and technology or institute of technology at a level equal or higher than that of a Ryerson program may be given credit for equivalent courses completed.

2. Specific requirements. Note: Throughout the section on admission requirements, level 5 indicates grade 13, level 4 — grade 12 and level 3 — grade 11. As well, the term “general” refers to the Ontario secondary school graduation diploma (four-year course) with a 70% average and the term “advanced” refers to the Ontario secondary school honor graduation diploma (five-year course) with a 60% average.

Degree programs: business management — Ryerson business administration diploma or equivalent; applicants must have obtained a “B” average, or an acceptable equivalent. Applicants are required to have had post-diploma employment and experience at a level which satisfies the business department’s criteria. Early childhood education — English level 5, preference will be given to those applicants achieving a minimum mark of 60% in level 5 English. Geodetic sciences — general, overall average of 70% in English and economics of level 4 and mathematics, physics and chemistry of levels 3 and 4; advanced, overall average of 60% in English and history of level 4 and mathematics, physics and chemistry of levels 3 and 4. If history is not a part of a student’s program, geography or a language may be substituted. Home economics — English level 5; chemistry, advanced level 4. Preference will be given to those applicants achieving a minimum mark of 60% in each required subject. Interior design — diploma must include English, history, mathematics; where possible, physics and art are strongly recommended. The required minimum average in the above-mentioned subjects is 60%. Journalism — English level 5, minimum one credit; history level 5, one credit. Radio and television arts — English level 5, minimum one credit; history level 5, one credit. Secretarial science — diploma must include English levels 3 and 4; students wishing to enter the second year of the program must have an Ontario secondary school honor graduation diploma (grade 13) with a minimum of six credits. Social services — a “B” standing or equivalent is required; applicants will be required to have been employed in the field of social services as a practitioner, supervisor or administrator for a minimum period of 12 months. A letter of reference will be required.

Diploma programs: aerospace technology, architectural science, chemical technology, civil technology — English level 4, advanced, general; mathematics levels 3 and 4, average advanced and general; physics level 3 and chemistry level 4, average, advanced and general. Arts — three academic subjects, advanced, each with 60%; one other subject, advanced, or: three academic subjects, general, each with 70%, one other subject, general. Business administration and hotel, restaurant and institutional administration — English level 4, advanced, general; mathematics levels 3 and 4, advanced, general; any one academic subject level 4, advanced, general. Computer applications technology — English level 4, advanced; mathematics level 4, advanced; physics level 3 and chemistry level 4, average, advanced. Applicants who have not achieved a mark of 70% in level 4 mathematics may substitute level 5 mathematics with a minimum mark of 60%. Dance, acting, arts administration, technical production — no specific subject requirements. Electrical technology, electronic technology, industrial engineering technology, instrument and control technology, laboratory sciences, landscape architectural technology, mechanical technology, metallurgical technology, physics technology, polymer technology — English level 4, advanced, general; mathematics levels 3 and 4, advanced, general; physics level 3 and chemistry level 4; advanced (five-year) 60%, general (four-year) 70%. Fashion — English level 4, advanced, general; chemistry level 4, advanced, general; any one academic subject level 4, advanced, general. Geodetic sciences — advanced overall average of 60% in English and history of level 4 and mathematics, physics and chemistry of levels 3 and 4. If

history is not a part of a student’s program, geography or a language may be substituted. General overall average of 70% in English and economics of level 4 and mathematics, physics and chemistry of levels 3 and 4. Graphic arts management — English level 4, advanced, general; mathematics levels 3 and 4, advanced, general; physics level 3 and chemistry level 4, average, general. Home economics-food administration — English level 5; chemistry, advanced level 4. Preference will be given to those applicants achieving a minimum mark of 60% in each required subject. Nursing — English level 4, advanced, general; physics or biology, level 3, advanced, general; chemistry level 4, advanced, general; any one academic subject level 4, advanced, general. Photographic arts — English level 4, advanced, general; any two academic subjects level 4 each with advanced, general. Secretarial science — diploma must include English levels 3 and 4; students wishing to enter the second year of the program must have an Ontario secondary school honor graduation diploma (grade 13) with a minimum of six credits. Urban planning — any six credits.

Certificate programs: adult intensive care nursing, pediatric nursing — Ryerson diploma in nursing or equivalent and be registered, or eligible for registration in Ontario. Library arts — English level 4, advanced, general; any two academic subjects level 4 each with advanced, general. Psychiatric nursing — Ryerson diploma in nursing or equivalent and be registered, or eligible for registration in Ontario. Psychiatric experience during the diploma nursing program is essential. Public health inspection — mathematics level 4, advanced; physics level 3, advanced; chemistry level 4, advanced. Effective September 1973, applicants may substitute level 4 advanced biology for level 3 advanced physics or level 4 advanced chemistry only. Level 4 advanced mathematics will be required. Social services — English level 4, advanced, general; any two academic subjects level 4 each with advanced, general. Applicants must be a minimum of 18 years of age as of June 1. Preference will be given to those who are over 20 years of age and have had two or more years of work experience in any field.

Post-diploma programs: civil engineering technology, chemical engineering technology, electrical engineering technology, industrial engineering technology, industrial management for electrical technology, mechanical engineering technology — appropriate Ryerson diploma or equivalent and 12 continuous months of relevant business or industrial experience.

Advanced diploma programs: construction management — diploma in architectural technology or other related programs from Ryerson or equivalent.

Foreign students

British system — students educated under this system, wishing to apply for a program: a) requiring Ontario grade 12, must have six general certificate of education examination passes at the ordinary level, with grades between 1 and 4 or A and D in the academic subject prerequisites; b) requiring Ontario grade 13, must have at least five GCE examination passes, a minimum of two at the advanced level and three at the 0 level. Hong Kong — students educated under this system, wishing to apply for a program: a) requiring Ontario grade 12 must have either six ordinary level passes in the GCE examinations with grades between 1 and 4 or A and D, or University of Hong Kong matriculation certificate or the Hong Kong English school certificate with grades of A, B or C in at least six acceptable courses (these would be accepted as equivalent to 0-level passes on the GCE or HKMC); b) requiring Ontario grade 13, must hold one of the certificates listed in a) above but it must include at least

two courses at the advanced level and three at the ordinary level. Bangladesh, India, Nepal or Pakistan — students educated under these systems, wishing to apply for a program: a) requiring Ontario grade 12, should have at least one year of a degree program with a record of second division passes at the secondary and university levels; b) requiring Ontario grade 13, should have completed a two- or three-year degree program, with high standing in the academic subject prerequisites. USA — a) requiring Ontario grade 12 — grade 12 of an academic program; b) requiring Ontario grade 13, grade 12 plus one acceptable academic year at a recognized college or university.

If English is not the native tongue of the applicant, satisfactory evidence of proficiency in English is required. As well, all applicants educated in a language other than English must provide official translations of all transcripts submitted.

Mature students

Persons 21 years of age or over, though lacking the formal academic requirements, may be eligible for admission as mature students if they can give evidence of the likelihood of success in their chosen program.

COURSES AND DEGREES

APPLIED ARTS

Two-year certificate program beyond junior matriculation offered in library arts.

Three-year diploma program beyond junior matriculation offered in dance, fashion, graphic arts management, home economics-food administration, photographic arts and technical production.

Four-year diploma program beyond junior matriculation offered in acting and arts administration.

Bachelor of applied arts in journalism [BAA(journalism)]. Three years beyond senior matriculation. Bachelor of applied arts in radio and television arts [BAA(radio and television arts)]. Three years beyond senior matriculation.

Bachelor of applied arts in early childhood education [BAA(early childhood education)]. Four years beyond senior matriculation.

Bachelor of applied arts in home economics [BAA(home economics)]. Four years beyond senior matriculation.

Bachelor of applied arts in interior design [BAA(interior design)]. Four years beyond senior matriculation.

ARTS

Three-year diploma program beyond junior matriculation offered in arts.

BUSINESS

Two-year diploma program beyond junior matriculation offered in secretarial science.

Three-year diploma program beyond junior matriculation offered in business administration, secretarial science and hotel, restaurant and institutional administration.

Bachelor of applied arts in secretarial science [BAA(secretarial science)]. Four years beyond junior matriculation or three years beyond senior matriculation.

Bachelor of technology in business management [BTech(business management)]. Twelve credits — evening study beyond business administration diploma or equivalent.

COMMUNITY SERVICES

Two-year certificate program beyond junior matriculation offered in public health inspection and social services.

Two terms open to all qualified public health inspectors leading to an advanced certificate in environmental health administration.

Two-year diploma program beyond junior matriculation offered in nursing.

One term (approximately 15 weeks) beyond Ryerson diploma in nursing or equivalent and be registered, or eligible for registration in Ontario. Offered in adult intensive care, pediatric nursing or psychiatric nursing (one term, letter of standing; two terms, advanced certificate).

Bachelor of applied arts in the social services [BAA(social services)]. Two-year certificate beyond junior matriculation plus one year of work experience plus two-year degree program.

TECHNOLOGY

Three-year diploma program beyond junior matriculation offered in aerospace technology, architectural science, chemical technology, civil technology, computer applications technology, electrical technology, electronic technology, geodetic sciences, industrial engineering technology, instrument and control technology, laboratory sciences, landscape architectural technology, mechanical technology, metallurgical technology, and physics technology.

Four-year diploma program beyond junior matriculation offered in urban planning.

Post-diploma program, 12-15 credits of evening study after appropriate diploma and 12 continuous months of relevant business or industrial experience. Offered in civil engineering technology, chemical engineering technology, electrical engineering technology, industrial engineering technology, industrial management for electrical technology and mechanical technology.

One-year advanced diploma program after successful completion

of three-year architectural technology program offered in construction management.

Bachelor of technology in geodetic sciences [BTech(geodetic sciences)]. Four years of study plus one year of acceptable work experience beyond junior matriculation.

EXTENSION PROGRAMS

Credit courses

Ryerson Open College offers credit courses via radio, television, telephone, correspondence and weekend teach-ins. Credit courses are offered in Canadian studies, developmental psychology and introduction to sociology.

Evening study – post-diploma technology programs and the business management degree program are offered in the evening.

Technology courses consist of 12-15 courses at the 4th-year level. Graduates will receive an advanced diploma. Business management graduates will receive a bachelor of technology (business management) degree. The first three semesters of the business administration diploma program are offered in the evening. Higher semesters may be offered in the future. Seven credit courses leading to a library arts certificate are offered in the evening. Seventy individual courses which may be credited to most full-time day programs are offered in the evening.

Non-credit courses

Non-credit extension courses are offered in the areas of business, stenographic, public service, social sciences, television, communications, photography, architecture and chemical, civil, electrical, electronic and mechanical technology. Correspondence courses are available in business, public administration, environmental health administration, social service administration and electrical, electronic and mechanical technology. Short courses as in the television area are presented for special groups.

COLLÈGE SAINTE-ANNE

English version follows/Le texte anglais se trouve à la suite

Church Point, Comté de Digby (Nouvelle-Écosse)

Téléphone: 902-769-2114

DIRECTION Président — M. Louis Comeau, BSc, MSc. Vice-président et comptable — Omer Blinn, CA, MBA.

RENSEIGNEMENTS GÉNÉRAUX Le gouvernement provincial, par l'entremise du bureau des directeurs, contrôle l'institution. L'institution est bilingue acceptant garçons et filles. La principale source de revenu est publique.

HISTORIQUE ET BUT Le Collège Sainte-Anne a été fondé le 1^{er} septembre 1890, par Son Excellence Mgr Blanche et les Pères de la Congrégation de Jésus et Marie, dite des Eudistes. Le 30 avril 1892, en vertu d'une loi provinciale, il a été incorporé et il a reçu le titre d'université avec tous les pouvoirs et tous les privilèges afférents à ce titre. Situé sur les rives de la Baie Ste-Marie, dans le comté de Digby, en Nouvelle-Écosse, le Collège Sainte-Anne est une institution bilingue et mixte, offrant des cours en français et en anglais, et recevant au même titre garçons et filles.

En plus d'offrir à ses étudiants une culture sérieuse dans les lettres et les arts, les sciences, le commerce et les sciences secrétarielles, le Collège Sainte-Anne veut en faire des citoyens responsables d'un pays bilingue. Il a comme but spécial de répondre aux besoins

culturels, sociaux et économiques des Acadiens de la province. Ses portes sont toutefois ouvertes à toute personne intéressée aux deux grandes cultures de ce pays et le collège veut servir toute la population de la région. On y trouve l'occasion d'être en contact quotidien avec des étudiants des deux cultures et d'acquérir ainsi une expérience vécue des deux langues officielles du Canada.

Le Collège Sainte-Anne accorde encore, et jusqu'en 1973, le diplôme de "baccalauréat ès arts" à ses étudiants déjà inscrits en collège IV. Mais il a depuis septembre 1971 évolué vers des programmes de "collège junior". Dès septembre 1971, le collège a offert des programmes correspondant aux deux premières années d'arts, de sciences, de commerce et des sciences secrétarielles, préparant l'étudiant à continuer et terminer ces programmes à l'Université de Moncton ou à Acadia University, ou encore à d'autres universités des provinces maritimes.

CONSEIL D'ADMINISTRATION Le Conseil d'administration est composé de cinq membres; ordinairement ils représentent les différents secteurs de la maison.

CONSEIL ACADÉMIQUE Le Conseil académique remplit la même tâche qu'un sénat. Nombre de membres — 12 personnes dont six personnes élues et six autres nommées. La fonction du conseil est de revoir les programmes et les décisions pour approbation.

PUBLICATION Un annuaire est publié chaque année.

ANNÉE UNIVERSITAIRE Date d'ouverture — du 15 septembre jusqu'au 18 décembre (1^{er} semestre) et du 5 janvier jusqu'à la fin d'avril (2^e semestre). Durant l'été, l'École française ainsi que les cours d'extension débutent le 3 juillet pour se terminer vers le 15 août.

BÂTIMENTS, TERRAINS ET RÉSIDENCES D'ÉTUDIANTS Sur la Baie Ste-Marie à Church Point entre Digby et Yarmouth se situe le collège. La population de Clare est de 9,000 habitants. Les résidences (garçons et filles) se trouvent sur le campus. Capacité d'accueil pour étudiants et étudiantes — 300 personnes.

BIBLIOTHÈQUE Le collège a une seule bibliothèque de 30,000 volumes concernant toutes les matières couvrant les programmes offerts.

SERVICES AUX ÉTUDIANTS a) Cafétéria ouverte de 8h. à minuit, y compris le samedi et le dimanche (durant l'année scolaire). b) Terrains de jeux pour tennis, balle-molle, etc. c) Aréna pour le patinage et le hockey. d) Discothèque "Le Château" en plus de plusieurs salons pour étudiants et étudiantes.

SERVICES MÉDICAUX Un service médical est toujours offert aux étudiants et au personnel sans frais spéciaux.

SERVICE D'ORIENTATION DES ÉTUDIANTS Un service d'orientation des étudiants est fourni par le directeur des étudiants.

LIBRAIRIE Une librairie se trouve sur le campus pour faciliter aux étudiants l'acquisition, à prix réduits, de plusieurs articles tels revues, périodiques, romans, articles de sports, etc.

EMPLOI DES ÉTUDIANTS Plusieurs postes sont offerts au collège pour les étudiants, par exemple bibliothécaire, messenger, policier de résidence, responsable des sports sur le campus, commissionnaire, etc.

UNION DES ÉTUDIANTS Tous les étudiants du collège font automatiquement partie de cette association. Ils sont représentés au grand conseil par les présidents des classes et les présidents des différentes sociétés. La cotisation est de \$15 par étudiant. Les objectifs visent à promouvoir les réunions culturelles, sociales, sportives, récréatives, etc.

SYSTÈME DE MENTIONS Les notes sont accordées pour la scolarité du semestre (leçons, travaux réguliers, travail personnel ou "term-paper") et pour l'examen qui a lieu à la fin de chaque semestre. Il y a quatre bulletins de notes pendant l'année: un bulletin de scolarité remis au milieu de chaque semestre; un bulletin semestriel (scolarité et examen) à la fin de chaque semestre. Le bulletin final indique la promotion et les examens à reprendre ainsi que la moyenne générale de l'année. Une seule note est accordée à chaque semestre pour chaque cours, même si le cours exige plusieurs travaux et plusieurs tests. Aucun crédit n'est accordé avant que l'examen soit réussi. Dans la note de chaque semestre, la scolarité a une valeur de 40% et l'examen une valeur de 60%. Dans la note finale de l'année, chaque semestre a une valeur de 50%.

Barème des notes: A - 80% et plus; B - 70% à 79%; C - 60% à 69%; D - 50% à 59%; F - échec, 40% à 49%; I - incomplet; R - reprise.

AIDE FINANCIÈRE ET BOURSES OFFERTES AUX ÉTUDIANTS Le collège accorde une aide financière aux étudiants nécessiteux. Quant aux bourses le collège offre des montants allant

jusqu'à \$600 aux méritants. Pour plus de détails, veuillez consulter l'annuaire du collège.

EXAMENS FINALS Il y a deux examens, le premier à la fin du 1^{er} semestre, c'est-à-dire du 5 janvier jusqu'au 15 janvier. Le second, du 27 avril jusqu'au 6 mai. Les reprises sont permises et ont lieu à la fin du mois d'août. Les reprises portant sur les demi-cours offerts durant le 1^{er} semestre de l'année ont lieu au mois de mars.

COLLATION DES GRADES La collation des diplômes universitaires a lieu durant la première semaine de mai. Les grades sont conférés par le président.

DROITS D'INSCRIPTION Les frais de scolarité pour une année sont de \$500 (programme régulier sans laboratoire). Cours d'extension: pour les adultes, \$100 par cours entier. Cours d'été: \$100 par cours entier. Autres frais: laboratoires - \$10 par cours; reprises (examen) - \$10 par matière; relevé de notes - \$1 chacun; diplômes du baccalauréat ès arts - \$10. Les sports et les activités socio-culturelles sont aux frais du collège.

Le logement s'élève à \$300 (pour l'année universitaire). Pour la pension complète du 15 septembre au 6 mai, \$450.

CONDITIONS D'ADMISSION Les élèves du Nouveau Brunswick ayant terminé leur 12^e année sont admissibles. Pour être admis aux programmes des arts, de sciences ou de commerce, l'étudiant doit se conformer aux conditions suivantes.

Après la 11^e année - a) avoir réussi les examens de l'immatriculation junior (11^e année) avec une moyenne de 65% et une note de 50% dans les matières suivantes: anglais (langue et littérature), mathématiques (algèbre et géométrie) et trois autres matières générales; b) voir à ce qu'un rapport confidentiel du directeur de l'école ou du conseiller des élèves, le recommandant comme candidat admissible, soit soumis.

Après la 12^e année - avoir réussi les examens de l'immatriculation senior (12^e année) avec une moyenne de 65% (notes de l'école) ou de 60% (examens provinciaux) et 50% en anglais et dans quatre autres matières générales.

Équivalences - tous les cas particuliers et les certificats équivalents sont soumis au comité d'admission.

COURS ET GRADES Jusqu'au mois de mai 1973, le collège continuera à décerner des baccalauréats avec les concentrations principales suivantes: français, anglais, histoire, sociologie. Après cette date, le collège se limitera à offrir les deux premières années menant à un BA (baccalauréat ès arts), à un baccalauréat ès sciences ou à un baccalauréat en commerce; cela veut dire que les étudiants devront continuer leurs études ailleurs afin d'obtenir un grade universitaire.

ADMINISTRATION

Programme de deux ans au C.S.A. En plus des cours réguliers en

administration, le programme mettra l'accent sur la formation bilingue de l'étudiant.

ARTS

Programme de deux ans au C.S.A. préparant les étudiants aux concentrations principales suivantes: anglais, français, histoire et sociologie.

SCIENCES

La section des sciences offre les deux premières années du baccalauréat ès sciences avec spécialisations en biologie, chimie, mathématiques et physique.

SCIENCES SECRÉTARIELLES

Les étudiants qui ont terminé leurs études commerciales à l'école secondaire peuvent s'inscrire au C.S.A. pour un programme d'une année et obtenir un certificat attestant leur compétence dans le domaine du bilinguisme. Ce programme permettra à l'étudiant de perfectionner sa connaissance du français et de l'anglais.

ÉDUCATION PERMANENTE

Cours conduisant à un grade

Le collège offre des cours conduisant à des grades décernés par d'autres universités.

Cours ne conduisant pas à un grade

Quelques cours de français sont offerts aux adultes et ne conduisent pas à un grade.

PROGRAMMES SPÉCIAUX Un programme d'un an pour les étudiants qui ont déjà leur 11^e année générale et leur douzième commerciale. À la fin de l'année le collège décerne un "certificat de secrétaire bilingue"; le programme porte surtout sur le français et l'anglais.

COLLÈGE SAINTE-ANNE

Church Point, County of Digby, Nova Scotia

Telephone: 902-769-2114

PRINCIPAL OFFICERS President — Louis Comeau, BSc, MSc. Vice-president and treasurer — Omer Blinn, CA, MBA.

GENERAL INFORMATION The provincial government through the board of directors controls the college. Collège Sainte-Anne is a bilingual institution and the principal source of revenue is public.

BACKGROUND Collège Sainte-Anne was founded on September 1, 1890 by Msgr. Blanche and the Fathers of the Congregation of Jesus and Mary, called the Eudistes. The college was incorporated on April 30, 1892 by an act of the Nova Scotia legislature, and was endowed with the power of conferring university degrees. Situated on the shores of St. Mary's Bay, in the county of Digby, Collège Sainte-Anne is a bilingual, co-educational institution offering courses in French and English.

As well as offering its students a solid education in arts, science, and commerce, the aim of the college is to prepare bilingual citizens of a bilingual Canada. The main goal is to respond to the cultural, social and economic needs of Acadians in the province. It welcomes all students interested in a bilingual training, who will find an opportunity to learn French or English, through daily living and practical experience of the two official languages of the country, while pursuing a college education.

The college will confer the "bachelor of arts" degree until 1973 to students who are presently enrolled in college IV. Since September 1971 junior college programs have been offered. Courses corresponding to the first two years in arts, science and business administration will permit students to continue their studies at l'Université de Moncton or Acadia University or other universities in the Maritimes.

ADMINISTRATIVE COUNCIL The Administrative Council comprises five members who ordinarily hold positions at the college.

ACADEMIC COUNCIL The Academic Council functions as a senate and consists of 12 members, six of whom are elected and six appointed. The function of the council is to review and approve programs and decisions.

PUBLICATIONS A calendar of the college is published annually.

ACADEMIC YEAR From September 15 to December 18 (first semester) and from January 5 to the end of April (second semester). Summer session (French school and extension courses), from July 3 to August 15.

BUILDINGS, GROUNDS AND STUDENT RESIDENCES The college is situated on the shores of St. Mary's Bay between Digby and Yarmouth. The population of Clare is 9,000. Student residences for both men and women on campus accommodate 300 persons.

LIBRARY The library contains 30,000 volumes which include material covering the courses offered at the college.

STUDENT SERVICES a) A cafeteria which is open from 8:00 a.m. to 12 p.m. during the academic year. b) Tennis courts,

baseball, etc. c) Skating and hockey arena. d) "Le Château", a discothèque and student lounges.

MEDICAL SERVICES A medical service is offered on a full-time basis to students and staff without charge.

STUDENT COUNSELLING A counselling service is available to students through the director of students.

BOOKSTORE A bookstore is on campus. Reduced rates are available to students. Various items are available; magazines, novels, sports items, etc.

STUDENT EMPLOYMENT Several positions are available to students at the college, for example, librarian, messenger, resident policeman, officer in charge of campus sports, commissioner, etc.

STUDENT ASSOCIATION All students are automatically members of the association. The students are represented on the Student Council by their class president and by those who are at the head of different organizations within the association. Fees are \$15 per student. The objectives are to contribute to the physical, intellectual, and moral development of students.

GRADING SYSTEM Grades are based on the total year's work, comprising class work, tests, laboratory, term papers and final examinations. The student receives four progress reports during the year: one at each half-semester, and one final report for each semester. The final report indicates the overall average, courses completed, failures and supplemental examinations. Even though the course may require several tests or papers, only one grade is given for each semester in each course. No credit is given in a course until the final examination is passed. The semester grade is based on 40% for the class work and 60% for the examination. Each semester is 50% of the overall average.

Grading scale: A – 80% to 100%; B – 70% to 79%; C – 60% to 69%; D – 50% to 59%; F – 40% to 49%, failure; I – incomplete; R – repeat.

STUDENT AWARDS AND FINANCIAL ASSISTANCE The college awards financial assistance up to \$600 per student. For further details, consult the annual calendar in which loans and bursaries are listed in full.

FINAL EXAMINATIONS There are two sets of final examinations: the first at the end of the first semester (January 5 through 15); the second (April 27 through May 6). Supplemental examinations are held at the end of August. Half-course supplementals are held in March during the first semester of the year.

GRADUATION Graduation is held during the first week of May and degrees are conferred by the president.

FEES AND COSTS Annual tuition fees for the regular session (laboratory fees not included), \$500. Adult extension courses, \$100 per full course. Summer school, \$100 per full course. Other fees: laboratory – \$10 per course; supplemental examinations – \$10 per subject; transcript of records – \$1 each; bachelor of arts degree – \$10. Expenses towards athletics and extracurricular activities are the responsibility of the college.

Room only per student for the academic year – \$300. Room and board from September 15 to May 6 – \$450.

ADMISSION REQUIREMENTS Students from New Brunswick must have completed grade XII. To be admitted into the programs in arts, sciences and business administration, the student must meet the following requirements.

After grade XI – a) have completed a Nova Scotia high school grade XI, with an average of 65% and a mark of at least 50% in: English (language and literature), mathematics (algebra and geometry) and three other academic subjects; b) arrange to have the school counsellor submit a letter of recommendation and confidential report.

After grade XII – have completed a Nova Scotia high school grade XII program, with a 65% school average or an average of 60% in provincial examinations, and at least 50% in English and four other academic subjects.

Equivalent certificates – all special cases and equivalent certificates will be referred to the admissions committee.

COURSES AND DEGREES The college will continue to confer the bachelor of arts degree with the following majors: English, French, history and sociology, until May 1973. After this date, the college will offer junior college programs (the first two years towards the bachelor of arts, bachelor of science or bachelor of commerce degrees). Students will have to continue their studies elsewhere to obtain a university degree.

ARTS

A two-year program at C.S.A., preparing students in the following majors: English, French, history and sociology.

BUSINESS ADMINISTRATION

A two-year program at C.S.A. In addition to the required academic courses, the program stresses the bilingual development of the student.

SCIENCES

The science section offers the first two years towards the bachelor of science degree with honors in biology, chemistry, mathematics and physics.

SECRETARIAL SCIENCES

Students who have completed the high school commercial course may enrol at C.S.A. in a one-year program leading to a certificate of proficiency in English and French. The aim of this program is to prepare competent bilingual office secretaries.

EXTENSION PROGRAMS

For university credit

The college offers courses towards university credit; the degree is conferred by other universities.

For no university credit

French courses for adults are offered as general interest courses only.

SPECIAL PROGRAMS A one-year program is offered to students who have completed their grade XI (academic) and their grade XII (commercial). At the end of the program, a "bilingual secretary certificate" is awarded to the student. The program concentrates on languages (English and French).

ST. FRANCIS XAVIER UNIVERSITY*

Antigonish, Nova Scotia

Telephone: 902-863-3303

Direct general correspondence to the registrar; direct applications to admissions and awards officer

PRINCIPAL OFFICERS Chancellor – Most Rev. William Power, DD. President – Rev. Malcolm MacDonell, MA. Academic vice-president – J.J. MacDonald, PhD. Vice-president for student services – Rt. Rev. C.H. Bauer, DP, BA.

GENERAL INFORMATION St. Francis Xavier University is a Roman Catholic, co-educational institution.

BACKGROUND Founded in 1853 at Arichat, Nova Scotia, as a diocesan college, St. Francis Xavier College was transferred to Antigonish two years later. In 1866, an act of the provincial legislature of Nova Scotia conferred upon the college full university powers. In 1882 a provincial statute created a board of governors to hold and administer the property of the university. Teaching began in 1853 and the first degrees were awarded in 1868.

St. Francis Xavier University is widely known for its work in adult education. Community activities were sponsored by individual teachers early in the history of the university and the extension department was formally organized in 1928.

*Ordinary member, AUCC.

PUBLICATIONS Calendar issued in April; "Contemporary" issued quarterly by alumni office; student publications: Xaverian Weekly and Xaverian Annual.

ACADEMIC YEAR Winter session: mid-September to mid-May. Summer school: early July to mid-August.

BUILDINGS AND GROUNDS The university is located in Antigonish. There are eight teaching buildings, a library (190,000 volumes), a chapel, a gymnasium, a rink, 12 men's residences and residences for women at Mount St. Bernard College, an academic centre with classroom accommodations for 2,000 students and an office building containing the offices of the registrar, deans and 70 professors.

Student services include a medical service, an infirmary, a bookstore, a canteen and barber shop, a university counselling centre, and the Canada Manpower Placement offices are on campus.

STUDENT RESIDENCES There are 12 men's residences accommodating 950 students and residences for women accommodating 575 students at Mount St. Bernard College.

LIBRARY The Angus L. MacDonald library contains 190,000 volumes, accommodates 500 students and contains the commemorative "Hall of the clans".

STUDENT LIFE Activities at the university are varied with complete athletic facilities and a strong intramural and varsity program in football, hockey and basketball. Other facilities include

judo, wrestling and weight lifting. Students have an "on-campus radio" and publish a student newspaper "Xaverian Weekly". The drama society and choral groups combine to present concerts and plays throughout the year. Many student organizations under the student union council are actively engaged — such as debating, law society, business administration society, chemistry society, engineering society, etc. Students are represented on the board of governors and the university senate as well as various committees on studies and departments.

MEDICAL SERVICES A university physician has regular office hours during the day and is available on call for emergency service. A doctor's certificate of health is required of all new students entering the university. The medical and surgical expenses of all Canadian students will be covered by the medicare plan of their home province.

STUDENT COUNSELLING SERVICES The university provides a guidance centre for students in attendance, the purpose of which is to give assistance to students with problems they may have of an educational, vocational, or personal nature.

STUDENT EMPLOYMENT The Department of Manpower and Immigration, in co-operation with St. Francis Xavier University, maintains a full-time student placement office on the campus on a year-round basis. The office is a part of the national network of Canada manpower centres and thus can contact employers at any location in Canada on behalf of any student. The purpose of the office is to assist students, both graduate and undergraduate, to find permanent, summer or part-time employment. Registration is recommended. One of the major responsibilities of the office is that of employment counselling. This is provided in part with information on various careers in the form of company information binders, company brochures, career description booklets and career directories.

STUDENT COUNCIL The full governing body of the students is elected on a constituency basis representative of residence. Principal officers are elected by the full student body in a general election and are empowered to complete the students' executive, subject to ratification by the full Student Council. Students are represented on all major governing bodies of the university. There are three student representatives on the board of governors.

GRADING SYSTEM In all undergraduate degree programs, 50%, with an average in general degree program, 55%; major, 60%; honors, 70%. Honors degree distinctions: class I, 80-100%; class II, below 80%.

In master's degree programs: pass — 60% with an average of 70%.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Scholarships and bursaries must be applied for on the form provided by the university. The purpose of university scholarships is to recognize high scholastic achievement, and to assist students of high academic standing who for financial reasons might be unable to attend.

Five \$2,000 scholarships are awarded each year to students with the best matriculation record and who show promise of outstanding scholastic achievement. Many awards in various amounts are available on application. Check university calendar for full data.

FEES AND COSTS Full-time tuition fees per year: arts and science, \$648. Summer school fees per course: graduate, \$150; undergraduate, \$150.

Double room and board (3 meals), \$850; single room and board (3 meals), \$925; subject to change.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. For four-year arts, business administration or secretarial arts programs — Nova Scotia grade 11 or equivalent in English, history, two of mathematics (one mathematics required for BBA), Latin, physics, chemistry, biology, modern language, second history and economics and one of physics, chemistry, biology, senior matriculation Latin, modern foreign language, or preceding list; minimum average of 60%, no mark below 50%. All other programs — in addition to above, Nova Scotia grade 12 or equivalent in five subjects; minimum average of 60% (65% for certain major programs), no subject less than 50%; in special cases a high Nova Scotia grade 11 in seven subjects may be considered. Equivalent certificates from other provinces are required.

2. Tests for admission. SACU scores are required for all programs.

3. Specific requirements. General arts (three-year program) — English, at least three of a second language, biology, chemistry, history, Latin, mathematics (required for business administration) or physics; and one more from preceding group or sociology, geology or geography. Science — English, mathematics, two of biology, chemistry, physics; and one of a second language, ancient language, or history. Nursing — English, history, mathematics; one of biology, chemistry or physics, one of a science or second language. Physical education — English, history; two of biology, chemistry, physics; one of mathematics, second language or ancient language.

Foreign students

USA — grade 12 academic high school graduation equivalent to Nova Scotia requirements for four-year arts program and CEEB scores; advanced placement tests. Final date for filing application is July 15th. All documents for applications must be received by August 15th. Applicants submitting the international baccalaureate will be considered for admission.

COURSES AND DEGREES

ARTS

Faculty of arts

Bachelor of arts (BA). General major and honors courses, four years from junior matriculation. Major courses available in classics, economics, English, history, mathematics, modern foreign languages, music, philosophy, political science, psychology, sociology, and theology. Honors courses available in economics, English, history, mathematics and philosophy.

Master of arts (MA). Two years from bachelor's degree. Available in Celtic studies.

Master of arts in guidance (MAGuid). One year and summer school from bachelor's degree.

Master of arts in adult education. One calendar year from bachelor's degree.

BUSINESS

Faculty of arts

Bachelor of business administration (BBA). Joint honors, four years from junior matriculation in joint business administration and economics. General and major, four years from junior matriculation. Majors in accounting, economics, and management.

EDUCATION

Faculty of arts

Senior diploma in education. One year after three years in arts, science or commerce from junior matriculation.

Bachelor of education (BEd). One year after graduation in arts, commerce, or science.

Master of arts in teaching (MA in teaching). One year from BEd degree and two years of teaching. Specialization in biology, chemistry, English, history, and mathematics. May be taken by attendance at four summer schools.

Master of arts in guidance (MA in guidance). One academic year and one summer session from the BEd.

Master of education (MEd). Equivalent of one year of study from BEd and two years of teaching. Available only at summer school sessions (four sessions).

ENGINEERING

Faculty of science

Certificate in engineering. First three years of engineering course from senior matriculation. Arrangements have been made with other Canadian universities to permit holders of this certificate to attain their engineering degree in an additional two years. After two years (beyond senior matriculation) students may enter the architecture course at Nova Scotia Technical College.

HOME ECONOMICS

Faculty of science

Bachelor of science in home economics (BScHEc). Four years from senior matriculation.

NURSING

St. Martha's School of Nursing and faculty of science

Bachelor of science (BScN). Four years from senior matriculation, in affiliation with St. Martha's Hospital.

Science, applied, see engineering above

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc). General, major and honors courses, four years from senior matriculation. Major and honors courses available in biology, chemistry, geology, mathematics and physics.

Bachelor of science in physical education (BScPhysEd). Four years from senior matriculation.

Bachelor of science in education (BScEd). Four years from senior matriculation.

Master of science (MSc). Two years from bachelor's degree. Available in biology, chemistry, geology, and physics.

SECRETARIAL ARTS

Faculty of arts

Bachelor of secretarial arts (BSectA). Four years from junior matriculation.

SOCIAL LEADERSHIP

Coady International Institute

Diploma in social leadership. Eight weeks' regular attendance at the Coady International Institute of the university and in field work. Designated for men and women who desire to become community leaders. Junior matriculation necessary for admission.

EXTENSION PROGRAMS

For university credit

Summer school — undergraduate courses in arts for degree credit and graduate courses leading to MA in teaching English, history or mathematics and to MEd.

SPECIAL PROGRAM Coady International Institute. Social leadership course leading to the diploma in social leadership. Designed for men and women who are actively engaged in community development work and allied fields, or who desire to become community leaders. Eight weeks' duration at summer school.

CONSTITUENT COLLEGE Xavier College, Sydney, Nova Scotia. Principal: Rev. D.F. Campbell, PhD. Roman Catholic. Established 1951. Co-educational. A non-residential junior college,

offering two years of university studies beyond junior matriculation in arts and business administration, and beyond senior matriculation in science.

AFFILIATED INSTITUTIONS Mount St. Bernard College, Antigonish, Nova Scotia. Principal: Sister Catherine MacNeil, CND, PhD. Roman Catholic. Residential ladies' college. Estab-

lished 1882. Offers courses in home economics, music, and secretarial arts leading to degrees of the university.

St. Martha's School of Nursing, Antigonish, Nova Scotia. Dean: Sister Simone Roach, PhD. Roman Catholic. Established 1933. Students in nursing take a four-year degree program at the school and university leading to a degree of the university.

THE UNIVERSITY OF ST. JEROME'S COLLEGE*

(Federated with the University of Waterloo)†

Waterloo, Ontario

Telephone: 519-884-8110

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – Most Rev. J.F. Ryan, DD, JCD, LLD. President – Rev. C.L. Siegfried, CR, BA, MSc, LLD.

GENERAL INFORMATION The University of St. Jerome's College is co-educational and is governed by a board of governors and the senate of the University of Waterloo.

BACKGROUND St. Jerome's College was founded in 1864 by the Reverend Dr. Louis Funcken, of the Congregation of the Resurrection, in a log house near St. Agatha, approximately six miles west of the city of Waterloo. The college was incorporated on August 15, 1866 and in that year new and larger quarters were established in Berlin, the original name of Kitchener. As enrolment increased, new buildings were added in 1889 and 1908. Since 1938 the high school department has been inspected and approved by the Ontario department of education. In 1947, the

college department became affiliated with the University of Ottawa. The two departments were separated in 1953 when the college was transferred to a new campus near the eastern limits of Kitchener. The high school now occupies the old campus in the centre of the city. New classroom buildings were added to the facilities there in 1958 and 1964.

In March of 1959, a new charter was obtained for St. Jerome's through a private bill passed by the legislature of the province of Ontario. The name of the college was changed to The University of St. Jerome's College in recognition of the university powers embodied in the new charter, including the power to grant degrees. At the same session of the legislature, a private bill established the University of Waterloo as a non-denominational institution, and The University of St. Jerome's College entered federation with it in July 1960. Three buildings, a classroom and administration building, a men's residence, and a women's residence (conducted by the School Sisters of Notre Dame), were erected on the campus of the University of Waterloo, in September 1962. The classroom and administration building has since been enlarged twice reflecting an ever-increasing enrolment. Notre Dame residence has also increased in size and presently has room for 120 women. A continued building program has been planned so that the college may keep abreast of the growing demand for its services.

BUILDINGS AND GROUNDS The buildings of The University of St. Jerome's College are located on the campus of the University of Waterloo (population of the city of Waterloo 34,000), adjacent to the arts complex and library. The college operates a teaching and administration building including a service

*Ordinary member, AUCC.

†Holds in abeyance its degree-granting powers except in theology, during the term of federation.

library, a men's residence with accommodation for 112 and a women's residence with accommodation for 120 under the supervision of the School Sisters of Notre Dame. St. Jerome's students also have full use of the academic, social, sports and cultural facilities of the University of Waterloo.

STUDENT RESIDENCES The men's residence is an ancillary enterprise to the college. Preference among new applicants is given to St. Jerome's students, but a number of spaces are available to members of the university at large. During the regular academic year, accommodation can be retained either for the full eight months or for a single term only. In the summer, economical private rooms are provided for "in-term" co-operative students. Enquiries should be addressed to the director of residence, St. Jerome's College.

Women's residence — Notre Dame College, conducted by the School Sisters of Notre Dame, provides residence facilities for 120 women students. Enquiries should be directed to the dean of women, Notre Dame College, Waterloo, Ontario.

LIBRARIES The Dana Porter arts library of the University of Waterloo presently holds some 300,000 volumes, and is growing by approximately 60,000 volumes a year. In addition, St. Jerome's maintains a library of standard reference materials and texts relative to the courses taught at the college. This collection totals some 17,500 volumes.

STUDENT LIFE Athletic facilities include Seagram Stadium, a 6,000-seat flood-lit football stadium, a quarter-mile track, and a gymnasium with related dressing, equipment, and training areas. The physical education building contains a 4,000-seat triple gymnasium, an L-shaped swimming pool with both one- and three-metre diving boards, volleyball, badminton, and squash courts; a teaching wing, study area, a gymnastic area, and areas for fencing, archery, and judo; complete shower, equipment and dressing rooms, classrooms, and research areas. Athletic activities include a full range of intramural and intercollegiate sports, under the direction of the athletic department of the University of Waterloo. Among the many campus organizations are the university parish, Amateur Radio Club, House of Debate, and clubs formed by most departments. Musical activities include the Chamber Orchestra, Folk Song Club, Glee Club and Dance Band. The interests of the students in the theatre are served by the University Drama Club. In addition, St. Jerome's students sponsor the St. Aethelwold's Players who are well known for their productions of mediaeval and modern plays.

MEDICAL SERVICES Campus health services, \$7.80. The amount assessed includes the operation cost of campus health facilities for the session and the premium for supplemental medical coverage for a 12-month period from date of registration. The health insurance plan does not include the premium or benefits of the Ontario Health Insurance Plan (OHIP). Such coverage is the student's own responsibility. Details of supplementary medical coverage may be obtained by direct communication with the campus health services office.

STUDENT COUNSELLING SERVICES The university counselling centre is open to all students and offers a wide variety of services. Personal, vocational, academic, and marriage counselling is offered to help with the range of emotional and social problems that arise in campus life. Interest testing and advice about career planning are available if you are looking for guidance in these areas. Group counselling is available and vary in type

from intense "sensitivity" groups to discussion groups. An academic skills program is available on a small group basis. Developing efficient reading habits and essay writing styles are examples of the skills stressed. The opportunity to "rap" with peers is provided by such services as Hi-Line (a telephone "help" service), the Rap Room in the campus centre (open 24 hours a day and staffed by student volunteers), and countryman counselling (where international students are available to talk over problems their countrymen may face at university). A reading resources room adjacent to the counselling centre provides material on such wide-ranging topics as marriage, drugs, career planning, sex, and birth control. Counselling is confidential and all services offered are free.

STUDENT GOVERNMENT The Students' Council of St. Jerome's College is the voice of the student body as well as its responsible agent. It is represented on the University of Waterloo students' council.

STUDENT AWARDS AND FINANCIAL ASSISTANCE The Canada Student Loans Plan is available to students and the provisions of the plan are set out in a brochure issued by the Federal Authority. Copies of the application form are available at all post-secondary institutions. Grants are available as well under the Ontario student awards program.

FEES AND COSTS Tuition fees per year (full-time) — \$610. Incidental compulsory fees per year — \$65.80. Tuition fees (part-time students) — \$120 per course.

Residence rates per year: private room, \$1,090; semi-private, \$990.

ADMISSION REQUIREMENTS AND GRADING SYSTEM The college follows the University of Waterloo as regards admission policy and grading system. See separate entry.

COURSES AND DEGREES

ARTS

Faculty of arts

Bachelor of arts (BA). General course, three years from senior matriculation. Honors, four years from senior matriculation. Courses are offered in the following subject areas: anthropology, economics, English**, French, history*, Italian, philosophy*, psychology*, religious studies*, sociology. An asterisk indicates subjects in which are offered at the college itself, a sufficient number of courses for a major, a double asterisk, a sufficient number for an honors program. All other regular arts programs are available to St. Jerome's students through the University of Waterloo.

ENVIRONMENTAL STUDIES

Bachelor of environmental studies (BES). General course, three years from senior matriculation. Honors, four years from senior

matriculation. St. Jerome's enrolls students in the following programs: geography, man-environment studies and urban and regional planning.

MATHEMATICS

Bachelor of mathematics (BMath). Pass degree program, three years from senior matriculation. Four-year general program, four years from senior matriculation. Honors, four years from senior matriculation. St. Jerome's enrolls students in the regular mathematics programs.

By agreement with the University of Waterloo, the college holds its degree-granting powers, except in theology, in abeyance. Its students, therefore, are granted degrees by the University of Waterloo.

EXTENSION PROGRAMS Undergraduate courses are offered weekday evenings during the fall and winter sessions for the convenience of part-time students. Summer session: courses are offered for undergraduates proceeding to a degree and for teachers who may wish to up-grade their professional qualifications.

ST. JOHN'S COLLEGE*

(Affiliated with The University of Manitoba)

The University of Manitoba Campus

Winnipeg, Manitoba R3T 2M5

Telephone: 204-474-8531

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — Right Reverend Barry Valentine, MA, BD, DD, Bishop of Rupert's Land. Warden and vice-chancellor — Rev. James Brown, MA, DD.

GENERAL INFORMATION St. John's College is a co-educational liberal arts and theological college in connection with the Anglican Church of Canada and affiliated to The University of Manitoba. It operates under the authority of the university senate in all strictly academic matters in the faculties of arts and science. Since the commencement of the 1969 academic year, operating and capital income for the college's academic program (except theology) is part of the overall income received and administered by The University of Manitoba from public funds.

BACKGROUND St. John's College, after a beginning in 1849, was refounded in 1866 by the Bishop of Rupert's Land (Anglican). It received its charter of incorporation in 1871, one

year after Manitoba was constituted a province. The college, however, can trace its teaching history back to the log school house erected in 1820 by the Reverend John West, first Protestant missionary to the Red River settlement, and the subsequent Red River Academy.

It has a continuous record of more than 100 years in the field of higher learning and is one of the three colleges which, in 1877, affiliated to bring into being The University of Manitoba. From 1877 until 1914, all university instruction in arts and science was given by the affiliated colleges, the students of these colleges being examined by and receiving degrees from The University of Manitoba, which at first was an examining and degree-granting body only. The act of 1877 empowered the colleges to confer degrees in theology, reserving to the university the right to confer all other degrees. The right of St. John's College to grant degrees in theology is preserved up to the present time.

COLLEGE COUNCIL St. John's College is governed by a College Council, a committee of its corporation; it meets monthly. It consists of 25 members, of whom 15 are elected by the corporation, 2 by the faculty, 2 by the Diocese of Rupert's Land, and 6 are ex-officio members (the chancellor, the warden, the dean of studies, the senior stick, the vice stick, and the chairman of the alumni association). It is responsible for all matters affecting the operation of the college except those academic matters falling within the sphere of The University of Manitoba.

COLLEGE BOARD The college does not have a senate but the college board serves in a similar capacity. It consists of the

*Ordinary member, AUCC.

professors, associate professors, the warden, the bursar, the registrar and the senior stick (student). It is responsible for matters affecting the good order of the college, recommendations for the awarding of degrees, prizes, scholarships, etc., courses of study, appointment of faculty to membership, and similar items.

PUBLICATIONS The college calendar contains information concerning the college's offerings, residence, fees, etc. Additional information concerning admission requirements and academic regulations may be found in the calendars and brochures of The University of Manitoba.

ACADEMIC YEAR Winter session — mid-September to end of April. Summer session — July and August.

FACILITIES AND SERVICES St. John's College comprises almost three acres on the campus of The University of Manitoba at Fort Garry which is some seven miles from the centre of the city of Winnipeg (population 548,573). There are three principal buildings, including the academic and administration, the residence, and the chapel. The library contains approximately 32,000 volumes including special collections in theology and Canadiana but students of St. John's College use, on equal terms with the students of the university and other colleges, the university libraries and St. Paul's library. The residence accommodation is for 47 women and 52 men.

Student services include all those provided by The University of Manitoba, including medical, counselling, bookstore, recreation facilities, employment service, etc. In addition, St. John's College provides a dining hall and cafeteria. Regular chapel services are conducted on weekdays and Sundays for all students and personnel of St. John's College and the university who wish to attend. The college's chaplain is available to all its students.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Scholarships and prizes for achievement in arts and science. Entrance scholarship. A small number of bursaries, chiefly for children of clergy. Students also eligible for bursaries, scholarships, and prizes offered by The University of Manitoba, the government of Manitoba, and private concerns.

GRADUATION St. John's College confers its earned and honorary degrees in theology at its annual convocation in November. Degrees earned by college members in other faculties are conferred by The University of Manitoba at its several convocations.

FEES AND COSTS Full-time tuition fees per year: undergraduate — arts and science, \$425; part-time — per subject on pro rata basis. Students' organization, \$30.50. Miscellaneous, \$10. Residence rates, single room and board, \$858 (\$27 per week).

ADMISSION REQUIREMENTS For admission to courses in arts and science, see The University of Manitoba entry. Theology — students must be graduates of a recognized university and be accepted as candidates for ordination by the bishop of their diocese.

COURSES AND DEGREES

ARTS

Faculty of arts and science

Bachelor of arts (BA). (a) General course, three years from senior matriculation. See The University of Manitoba listing.

St. John's offers instruction in: anthropology, classics, economics, English, French, geography, history, mathematics, philosophy, political studies, science, psychology, religion, sociology, and inter-disciplinary courses. (b) Honors course, four years from senior matriculation. St. John's offers instruction in some of the aforementioned subjects.

Master of arts (MA). At least two years from the general (pass) BA or at least one year from the honors BA. Some courses offered, in conjunction with The University of Manitoba.

SCIENCE

Faculty of arts and science

Bachelor of science (BSc). General course, three years from senior matriculation. Instruction given in computer studies and mathematics. Other science courses completed elsewhere in the university.

THEOLOGY

Faculty of theology

New program commenced September 1972. On completion of master's degree in arts (The University of Manitoba) and a supervised auxiliary program of professional studies in the college, the degree in theology is conferred.

EXTENSION PROGRAMS

For university credit

Summer session courses offered in co-operation with The University of Manitoba.

SPECIAL PROGRAMS An inter-disciplinary course in English-Canadian and French-Canadian poetry. A Canadian studies program.

SAINT MARY'S UNIVERSITY*

Robie Street, Halifax, Nova Scotia

Telephone: 902-422-7331 (academic); 902-422-7361 (administration)

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — Most Rev. J.M. Hayes, JCD, DD. President — D.O. Carrigan, BA, MA, PhD. Academic vice-president — D.H. Gillis, BA, PhD. Vice-president, finance and development — E. Morris, BA.

GENERAL INFORMATION Saint Mary's University is a public, co-educational, non-denominational university. Control of the university is vested in a board of governors.

BACKGROUND Saint Mary's University was founded in Halifax, Nova Scotia, in 1802. Originally a college, an act of the Nova Scotia legislature in 1941 gave it full university powers. From its beginning the university was a church-related institution under the auspices of the Roman Catholic diocese of Halifax. In July 1970, it was reincorporated under a new act as a public, non-denominational university. However, a basic Christian philosophy is still very much a part of its educational foundation. Throughout most of its history the university was an all-male institution but in 1968 became fully co-educational. Although it has been one of the region's fastest growing university-level institutions, the primary

emphasis at Saint Mary's is still personalized student-centred education.

The university is incorporated under an act of the Nova Scotia legislature, placing administrative control of the university in a board of governors consisting of 30 members. Membership of the board is drawn from within the university and the community at large.

BOARD OF GOVERNORS Thirty members — 5 ex officio; 3 appointed by the diocese; 6 elected by the alumni; 2 appointed by the lieutenant-governor; 6 elected by the academic staff; 4 elected by the students; 1 appointed by the Upper Canada Province of the Society of Jesus; 3 elected by the board.

Basic function: government, conduct, management and control of the university and of its property, revenue, expenditures, business and affairs.

SENATE President, A.V.P., deans, librarian, registrar, dean of student affairs — ex officio, five students elected by the students, 15 members elected by the academic staff. Subject to the powers of the board, the senate is responsible for the educational policy of the university.

INCOME Total ordinary income 1970-71 — \$4,757,716. Percentage breakdown of income: student academic fees, 33.70%; gifts for operating purposes, .46%; miscellaneous, 1.53%; endowment income, .34%; current government grants, 63.97%.

*Ordinary member, AUCC.

PUBLICATIONS The university newspaper "The Times" is published at intervals throughout the year by information services. The student newspaper "The Journal" is published during the regular academic year. General information and all academic information can be found in the calendar, whereas specific admissions information may be obtained in the admissions brochure.

ACADEMIC YEAR Regular session — September 11 - April 18 (approximately); first summer session — May 15 - June 27; second summer session — July 4 - August 17.

BUILDINGS AND GROUNDS Saint Mary's University is located in south Halifax, a city with a population of 123,000 in a metropolitan area of 225,000 people. The campus comprises 30 acres. On campus there is an academic and main administration building, an academic/residence complex, a student residence complex, a science building, library, student centre, winter arena, football stadium, astronomical observatory, computer centre and art gallery.

STUDENT RESIDENCES The residence high-rise complex has accommodations for 842 males, 214 females, plus 105 apartments in family housing units.

LIBRARY The library contains approximately 112,000 volumes.

STUDENT LIFE There are various societies on campus which deal with different aspects of student life. Some of those are the Political Science Association, the Biological Society, the Engineering Society, the Dramatic Society, Debating Society, and the Chinese Students Association. The university also provides such services on campus as a bookstore, banking facilities, barber shop, beauty salon, and mini-market. These are in addition to the facilities provided in the student centre.

MEDICAL SERVICES The health services unit on campus serves both students and staff, and requires no additional fee for this service.

STUDENT COUNSELLING SERVICES The counselling services offer guidance and counselling, without charge, to any regularly enrolled student. Counsellors with professional training are available to assist all students with matters of personal, social, educational or vocational adjustment.

UNIVERSITY BOOKSTORE The university bookstore supplies all course books, supplementary educational books, best sellers, reference books, etc. Other items such as glassware, crested clothing, gift items, jewelry, art prints, stationery, cards, posters, etc., are available.

STUDENT EMPLOYMENT Canada Manpower Division — in co-operation with Saint Mary's University — maintains a full-time student placement office on the campus on a year-round basis. The purpose of this office is to assist graduates and undergraduates to obtain permanent, summer or part-time employment, and to assist local and national employers who wish to recruit at Saint Mary's University.

STUDENT UNION The objectives of the Saint Mary's University Students' Association are to promote religious, artistic, literary, educational, social, recreational and sporting activities for its members and others. The association represents all students registered at the university and is governed by an elected students'

council. An annual \$18 students' council fee is charged to all full-time students.

GRADING SYSTEM A - excellent, superior, 4 points; B - very good, above average, 3 points; C - good, average, 2 points; D - fair, below average but passing, 1 point; P - passed by supplemental examination, 1 point; F - unsatisfactory progress, credit not given, 0 points; FS - failed supplemental exam, 0 points; Aegrotat, aegrotat standing, credit given; W - permitted withdrawal; WF - course withdrawal with evaluation of unsatisfactory progress. Supplementary exams are written on a pass/fail basis.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Financial assistance is available to students at Saint Mary's from three main sources: scholarships, bursaries, and Canada student loans plan. All financial aid is dependent on a student's satisfactory academic achievement when entering and while studying at the university. The award of scholarships, and in some instances, of bursaries as well as the renewal of such awards, is dependent on excellence in academic achievement. Awards of up to \$1,000 are offered to students of excellent academic achievement when entering the university. Students who have completed one or more years in a university are also eligible for scholarships even though they were not given an award at entry.

FINAL EXAMINATIONS The method of evaluation in any course is determined by the member of faculty responsible for that course, subject to the approval of the appropriate department and faculty dean.

Supplemental exams are given on the written recommendation of the professor responsible for that course. Only one supplemental exam is permissible in any course. Special exams are written outside the time assigned for regular and supplemental examinations. They are granted rarely and only for extraordinary reasons by the committee on academic standing. Supplemental exams for regular year and first summer session are written in September. For second session and first-semester courses, supplementaries are written in February.

GRADUATION Spring convocation is held in May. Degrees are conferred by the chancellor of the university.

FEEES AND COSTS Tuition fees include all regular charges of the university for registration, tuition, laboratories, library, athletics, and health services - \$637, students' council fee - \$18, total \$655. Part-time and evening division - \$130 per course. Late registration - \$25, plus \$10/day after September 18. Graduation, with degree - \$20; graduation, with diploma - \$15; in absentia (additional fee) \$3. Supplemental or special exam - \$15; at an outside centre (additional fee) \$5.

Residence fees: single-room accommodation (21 meals per week - \$1,050; 15 meals per week - \$995). Double-room accommodation (21 meals per week - \$975; 15 meals per week - \$920).

ADMISSION REQUIREMENTS

Canadian students - undergraduate

1. Admission from Nova Scotia grade XI - a student must have a Nova Scotia Grade XI or its equivalent with an overall average of at least 60% with no mark below 50% in the following subjects: English, mathematics, and three of history, physics, chemistry,

economics, geography, biology, geology, music, home economics or a language other than English. Advanced standing from Nova Scotia grade XII - credit (up to five courses) will generally be given to a student registering in any faculty who presents a senior matriculation certificate, Nova Scotia grade XII or equivalent with an overall average of at least 60% and no mark below 50% (except English, where a 65% average is required). The subjects required will depend on the choice of the faculty.

2. Tests for admission. SACU scores are normally required for entrance.

3. Specific requirements. Arts - English and four acceptable academic subjects. Science - English, mathematics and three acceptable academic subjects. Commerce - English, mathematics and three acceptable academic subjects. Engineering - English, mathematics, physics, chemistry, and one other acceptable academic subject. Acceptable academic subjects from grade XII are - English, mathematics, physics, chemistry, biology, geology, history, a language other than English, geography, music and one social science. New Brunswick students may be accepted on a three-year degree program depending on their average, course selections, and a faculty (from grade XII).

Foreign students

UK, West Indies, West Africa - GCE with five 0 level subjects (English and mathematics essential), a minimum average grade of 4. France - baccalauréat. Hong Kong - GCE as above or equivalent subjects in Hong Kong university matriculation. USA - grade 12 academic high school graduation transcript with 16 points (English 4, history 2, algebra 2, geometry 1, and 1 each in seven other subjects) and CEEB scores. Applicants submitting the international baccalaureate will be considered for admission.

Date for receipt of applications

Applications for admission should be received before August 15 of the year in which admission is sought. Foreign applications should be received before the 31st of January for admission the following September.

COURSES AND DEGREES

ARTS

Faculty of arts

Bachelor of arts (BA). (a) Pass course, four years (20 courses) from junior matriculation or three years from senior matriculation (15 courses). (b) General course, four years (20 courses) from junior matriculation or three years from senior matriculation (15 courses). Areas of major concentration: anthropology, Asian studies (normal university requirements for BA, plus five full course credits from among the appropriate selections in political science, economics, religious studies, anthropology and history), classics, English, French, German, history, mathematics, philosophy, political science, religious studies, sociology, and Spanish. (c) Honors course, 15 full courses beyond sophomore level. Available in English, history, mathematics and philosophy.

Master of arts in history (MA). Four full courses plus an acceptable thesis.

Master of arts in philosophy (MA). An honors degree in philosophy and at least second-class standing. One-year duration.

COMMERCE

Faculty of commerce

Bachelor of commerce (BComm). (a) General course, four years from junior matriculation (20 courses) or three years from senior matriculation (15 courses). Areas of major concentration: accounting, business administration or economics. (b) Honors course, 20 courses after freshman year, available in: business administration and economics.

EDUCATION

School of education

Bachelor of education (BEd). One academic year (6 courses) beyond a bachelor's degree.

Master of arts in education [MA(Ed)]. A bachelor's degree, BEd, or equivalent required.

ENGINEERING

Faculty of engineering

Diploma in engineering (DipInEng). Three years after junior matriculation. Arrangements have been made with other Canadian universities to permit holders of this diploma to attain their engineering degree in an additional two years. After two years (beyond junior matriculation) students may enter the architecture course at Nova Scotia Technical College.

Bachelor of science with a diploma in engineering [BSc(DipEng)]. Three years beyond senior matriculation.

Bachelor of science in engineering management [BSc(EngMgt)]. Four years beyond senior matriculation.

Science, applied, see engineering above.

SCIENCE

Faculty of science

Bachelor of science (BSc). (a) Pass course, four years from junior matriculation (20 courses) or three years from senior matriculation (15 courses). Available in biology, chemistry, geology, physics and psychology. (b) Major course available in biology, chemistry, geology, physics and psychology. (c) Honors course, 15 courses beyond sophomore year. Available in chemistry and physics.

THEOLOGY

Courses offered by affiliated colleges (see below).

EXTENSION PROGRAMS

For university credit

Evening credit program - undergraduate courses leading to a degree in arts, commerce, or science. Summer session - undergraduate course leading to a degree in arts, commerce, or science.

For no university credit

The adult studies program offers courses on a variety of subjects to the general public, including general introductory courses in the use and operation of the university's digital computer.

SPECIAL PROGRAMS Atlantic Summer School for Advanced Business Administration.

Interdisciplinary studies: bachelor of science in engineering management - to give students a balanced program of courses from engineering, business administration, physical sciences and the humanities. Asian studies - five full course credits from among the following courses (aside from the normal university requirements for the bachelor of arts degree) must be obtained: anthropology, economics, history, political science, religious studies. West European studies - a program to enable students to become thoroughly acquainted with West European affairs while working on their various disciplines.

In association with the Nova Scotia Technical College, Saint Mary's University offers the first two years of a six-year course in architecture leading to a bachelor of architecture degree.

AFFILIATED COLLEGES Ignatius College, Guelph, Ontario. President: Very Reverend J.E. Le Sarge, S.J. Roman Catholic, men only. Founded in 1913 for the training of members of the Society of Jesus in English-speaking Canada. Affiliated to the university in 1957. Offers courses towards university degree.

Regis College, Toronto, Ontario. President: Very Reverend G.W. Tait, S.J. Roman Catholic. Founded 1930. Affiliated to the university in 1957. Participating member of the Toronto School of Theology. Offers courses leading to master of divinity (MDiv) and master of social theology (STM) awarded by the university.

UNIVERSITY OF ST. MICHAEL'S COLLEGE*

(Federated with the University of Toronto)†

Telephone: 416-921-3151

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — Most Rev. Philip Pocock, DD. President — Rev. J.M. Kelly, CSB, MA, PhD. Vice-president — Rev. H.V. Mallon, CSB, MA.

BACKGROUND St. Michael's College was established in 1852 by the Right Reverend Armand François, Comte de Charbonnel, second bishop of Toronto, and placed under the direction of the Basilian Fathers. It was incorporated as an institution of higher learning by the statutes of the province of Canada in 1855. In 1891, St. Michael's was affiliated, by statute of the university senate, to the University of Toronto. When the University of Toronto was reorganized in 1906, St. Michael's entered the new university federation as an arts college preparing students for university degrees. In 1954, St. Michael's obtained independent civil establishment for its theological school and in 1958 was constituted by the legislature of the province of Ontario as a university in federation with the University of Toronto. See separate entry.

St. Michael's, in conjunction with the University of Toronto, offers full programs in arts, science, and commerce, at the undergraduate level, and independently, in theology and related studies at the

*Ordinary member, AUCC.

†Holds in abeyance its degree-granting powers in arts and science during the term of federation with the University of Toronto.

graduate level. The Pontifical Institute of Mediaeval Studies is located on the same campus and provides special facilities for research in the middle ages.

Degrees in arts are awarded by the University of Toronto; degrees in mediaeval studies by the Pontifical Institute of Mediaeval Studies; and degrees in theology by the University of St. Michael's College.

BOARD OF GOVERNORS (COLLEGIUM) Nine members are ex officio or elected. The board functions as the supreme governing body.

SENATE One hundred and seven ex-officio or appointed members in accordance with the regulations of the senate; eight alumni representatives are elected every four years by the alumni. The functions of the senate are to govern the academic matters of the entire institution. The various faculty councils report to it. The senate also deals with such other matters and affairs as may be committed to it by the collegium.

INCOME (1971-72) Total income, \$3,795,140 (tuition fees, 29.5%; ancillary enterprises [room and board], 25.4%; provincial government grant, 17.2%; donated services of clergy and religious, 18%; endowment, 4.9%; other grants, 5%).

ACADEMIC YEAR Winter session — mid-September to early May. Summer session — early July to mid-August.

FACILITIES AND SERVICES The university is situated on

Queen's Park Crescent with a site of 13 acres adjoining the campus of the University of Toronto. There are three teaching buildings, a library (150,000 volumes), student residences for men accommodating 275, and two women's residences, St. Joseph's College and Loretto College, accommodating 350.

Student services include a collegiate church and chapel, a dining-hall, a student cafeteria, and a faculty-student centre.

GRADING SYSTEM Same as the University of Toronto; see separate entry.

FEES AND COSTS Tuition fees, as outlined by the University of Toronto. Residence — \$18 per week. Board — by student arrangement.

ADMISSION REQUIREMENTS See the University of Toronto entry for admission to undergraduate programs. For admission to courses leading to degrees in theology, students must have obtained a first degree.

COURSES AND DEGREES

ARTS

Faculty of arts and science, University of Toronto

Bachelor of arts (BA). As offered by the University of Toronto; see separate entry.

Business, see commerce below

COMMERCE

Faculty of arts and science, University of Toronto

Bachelor of commerce (BCom). As offered by the University of Toronto.

MEDIAEVAL STUDIES

Pontifical Institute of Mediaeval Studies

Licentiate in mediaeval studies (MSL). Three years from bachelor of arts. Specialization offered in history of canon law, history of Christian worship, Latin literature, mediaeval history, philosophy, theology, and vernacular literature.

Doctorate in mediaeval studies (MSD). Two years from licentiate. Specialization offered in history of canon law, history of Christian worship, Latin literature, mediaeval history, philosophy, theology, vernacular literature.

SCIENCE

Faculty of arts and science, University of Toronto

Bachelor of science (BSc). As offered by the University of Toronto.

THEOLOGY

Faculty of theology

Master in divinity (MDiv). Three years from bachelor of arts.

Master in theology (MTh). One year from MDiv or equivalent.

Master of religious education (MRE). Two years from bachelor of arts plus two years' teaching experience or equivalent.

Doctor in theology (DTh). Two years from master in theology.

Institute of Christian Thought

Master of arts in theology (MA). Two years from bachelor of arts.

Doctor of philosophy in theology (PhD). Two years from master of arts in theology.

SPECIAL PROGRAMS The Pontifical Institute of Mediaeval Studies.

CONSTITUENT COLLEGES Loretto College, 70 St. Mary Street, Toronto 181, Ontario. Dean: Sister Caroline Dawson, IBVM, BA. Roman Catholic. Founded 1912. A foundation of the Institute of the Blessed Virgin Mary, provides accommodation for women students registered in the University of St. Michael's College, and for a limited number of women students registered in other faculties of the University of Toronto.

St. Joseph's College, 90 Wellesley Street West, Toronto 181, Ontario. Dean: Sister Janet Fraser, CSJ, BA. Roman Catholic. Founded 1911. A foundation of the Sisters of St. Joseph, provides accommodation for women students registered in the University of St. Michael's College, and for a limited number of women students registered in other faculties of the University of Toronto.

UNIVERSITÉ SAINT-PAUL*

(Fédérée avec l'Université d'Ottawa)

English version follows/Le texte anglais se trouve à la suite

223, rue Main, Ottawa (Ontario) K1S 1C4

Téléphone: 613-235-1421

Prière d'adresser la correspondance d'ordre général au secrétaire général de l'université

DIRECTION Grand chancelier – S.E.R. Mgr J.-Aurèle Plourde, LScSoc, Archevêque d'Ottawa. Recteur – Marcel Patry, OMI, MA, LPh, PhD, LTh, DPh. Vice-recteur à la recherche et à l'enseignement – Martin Roberge, OMI, BA, LPh, SSL, DTh. Vice-recteur à l'administration – Lucien Pépin, OMI, LPh, LTh, BEd.

RENSEIGNEMENTS GÉNÉRAUX L'Université Saint-Paul est une institution dirigée par une communauté religieuse de l'Église catholique, les Oblats de Marie Immaculée, mais ouverte à tous les étudiants sans distinction de croyances religieuses. Elle accueille les étudiants des deux sexes, laïques, religieux ou clercs. Sa principale source de revenus est d'ordre privé.

HISTORIQUE De 1848 à 1965, l'histoire de l'Université Saint-Paul est celle de l'Université d'Ottawa. Le 1er juillet 1965, en vertu d'une loi de la province de l'Ontario, l'institution jusqu'alors désignée comme Université d'Ottawa prenait le nom d'Université

Saint-Paul, tout en conservant les deux chartes, civile et canonique, qui la régissaient jusqu'à ce jour. En même temps était créée une nouvelle corporation autonome sous le nom d'Université d'Ottawa.

En vertu de son contrat de fédération avec l'Université d'Ottawa, l'Université Saint-Paul ne dispense l'enseignement que dans ses facultés de théologie et de droit canonique, avec les instituts connexes, tout en présentant ses étudiants au sénat de l'Université d'Ottawa pour certains de ses grades civils.

CONSEIL D'ADMINISTRATION Le Conseil d'administration est l'organisme chargé du gouvernement général de l'université, ainsi que de l'administration de ses biens. Il lui revient de gérer toutes les affaires et opérations financières de l'université, selon la politique éducative établie par le sénat. Il se compose du recteur, qui en est le président, de deux vice-recteurs, du secrétaire général et de trois autres conseillers, ainsi que de tout autre membre que le conseil peut déterminer par règlement. Tous ces officiers sont élus par le conseil.

SÉNAT Le sénat est l'autorité suprême en tout ce qui concerne l'enseignement et la recherche, selon les fins et le caractère propres à l'université, sous réserve de l'approbation du conseil d'administration en ce qui a trait aux dépenses à engager. Il se compose des membres suivants: a) le chancelier; b) le recteur, les deux vice-recteurs et le secrétaire général; c) le doyen (ou, en son absence, le vice-doyen) et le secrétaire de chacune des facultés; d) trois professeurs titulaires ou agrégés et un professeur adjoint ou chargé d'enseignement élus par leurs pairs; e) quatre étudiants élus par les étudiants; f) le directeur de chaque école, ainsi que de chaque institut ou centre de recherche non rattaché à une faculté ou école; g) le bibliothécaire; h) tout autre membre que le sénat jugera nécessaire

*Membre ordinaire de l'AUCC.

de s'adjoindre, jusqu'à concurrence d'un nombre total de 30 membres.

PUBLICATIONS En plus de l'édition occasionnelle d'ouvrages de ses professeurs ou d'autres auteurs, l'université publie les revues suivantes: Église et théologie (faculté de théologie), Studia Canonica (faculté de droit canonique), Kerygma (Institut des sciences missionnaires), Anthropologica (Centre canadien de recherches en anthropologie).

ANNÉE UNIVERSITAIRE Trimestre d'automne: début de septembre à la mi-décembre; trimestre d'hiver: début de janvier à la fin d'avril; trimestre d'été (pour les études supérieures): début de mai à la mi-août.

INSTALLATIONS ET SERVICES L'université est située à proximité du centre de la ville d'Ottawa (population 399,000) et, de ce fait, près des différentes activités culturelles et éducatives de la capitale du Canada: Centre national des Arts, Galerie nationale, Musée national, Bibliothèque nationale et autres bibliothèques universitaires. Sur le campus même, étudiants et professeurs trouvent les différents services requis pour la marche interne de la vie universitaire: bibliothèque spécialisée (160,000 volumes), librairie, cafétéria, salons d'étudiants et de professeurs, chapelle, service de logement hors-campus. L'université dispose présentement de résidences pouvant loger environ 225 étudiants.

LIBRAIRIE UNIVERSITAIRE La librairie universitaire joue un double rôle au service de la communauté de l'Université Saint-Paul, celui de la vente de livres en magasin et celui d'intermédiaire entre le client et l'éditeur. Pour mieux servir la clientèle bilingue, la librairie collabore étroitement avec Canterbury House (librairie anglicane d'Ottawa), qui complète et dessert le secteur anglais de la librairie.

ASSOCIATION DES ÉTUDIANTS L'Association générale des étudiants de l'Université Saint-Paul (AEUSP) joue un rôle de premier plan dans les affaires qui intéressent les étudiants, tant comme coordonnateur des activités étudiantes que comme agent de relations entre les étudiants et les autres corps de la communauté universitaire. Elle anime les activités culturelles, sociales, artistiques, sportives. Elle voit à la nomination ou à l'élection des étudiants qui sont appelés à faire partie des conseils ou des comités de l'université ou des facultés.

SYSTÈME DE MENTIONS A+ – 95-100%; A – 90-94%; B – 80-89%; C – 70-79%; D – 60-69%; F – moins de 60%.

AIDE FINANCIÈRE L'université dispose d'un nombre limité de bourse d'études renouvelables annuellement sur demande faite au service de l'aide financière aux étudiants.

EXAMENS FINAUX En règle générale, il y a un examen final dans chaque cours ou demi-cours, mais d'autres méthodes d'évaluation remplacent cet examen dans certains cas. Des examens de reprise sont permis (à certaines conditions, variant avec les programmes), sauf, en principe, pour les cours du doctorat.

COLLATION DES GRADES Certains grades civils en théologie, en droit canonique et en sciences missionnaires sont conférés par l'Université d'Ottawa, à ses collations du printemps et de l'automne. Les autres grades ou diplômes sont conférés par l'Université Saint-Paul à mesure que les candidats ont satisfait aux exigences.

DROITS D'INSCRIPTION Étudiants à temps complet: premier cycle (baccalauréat ou diplôme): \$525; études supérieures:

\$300 par trimestre. Étudiants à temps partiel: premier cycle \$60 par demi-cours, \$120 par cours; études supérieures: \$30 par crédit. Autres frais: Association des étudiants, \$5 par année.

CONDITIONS D'ADMISSION a) Programmes de diplômes: 13^{ième} année de l'Ontario; b) 1^{er} cycle de théologie: DEC ou une année des arts, avec 18 crédits de philosophie; c) 1^{er} cycle de droit canonique: BA ou équivalent; d) programmes de maîtrises: BA spécialisé ou équivalent; e) programmes de doctorats: maîtrise dans la discipline concernée.

Pour plus de détails, voir ci-dessous la liste des cours et grades.

COURS ET GRADES L'université emploie le français et l'anglais comme langues d'enseignement. Les grades marqués d'un astérisque sont conférés par l'Université d'Ottawa, en vertu de la fédération; tous les autres grades et les diplômes sont conférés par l'Université Saint-Paul.

COMMUNICATIONS SOCIALES

Institut des communications sociales

Diplôme en communications sociales – deux trimestres après la 13^{ième} année de l'Ontario ou l'équivalent.

DROIT CANONIQUE

Faculté de droit canonique

Diplôme d'études universitaires en droit canonique. Deux trimestres après l'année pré-universitaire ou l'équivalent.

Grades civils:

Baccalauréat en droit canonique (BDC)*. Deux trimestres après le BA ou l'équivalent.

Maîtrise en droit canonique (MDC)*. Deux trimestres après le BDC. Sans thèse.

Maîtrise ès arts en droit canonique (MA/DC)*. Deux trimestres après le BDC. Thèse.

Doctorat en philosophie en droit canonique (PhD/DC)*. Quatre trimestres après le MDC.

Grades canoniques:

Baccalauréat en droit canonique (JCB). Deux trimestres après un baccalauréat ou l'équivalent.

Licence en droit canonique (LDC). Deux trimestres après le BDC.

Doctorat en droit canonique (JCD). Quatre trimestres après la LDC.

PASTORALE

Institut de pastorale

Diplôme d'études universitaires en pastorale. Deux trimestres après au moins l'année pré-universitaire.

Maîtrise en pastorale (sciences familiales). Deux trimestres après le BA et propédeutique.

Maîtrise en pastorale (counseling). Deux trimestres après le BA et propédeutique.

Maîtrise en théologie pastorale. Deux trimestres après le BTh.

Maîtrise en pastorale. Deux trimestres après le BA ou l'équivalent.

PHILOSOPHIE

Faculté de philosophie

Baccalauréat en philosophie (BPh). Quatre trimestres après la première année d'une faculté des arts ou l'équivalent, ou deux trimestres après le BA général avec au moins 24 crédits de philosophie.

Licence en philosophie (LPh). Au moins quatre trimestres après le BPh.

Doctorat en philosophie (DPh). Au moins quatre trimestres après la LPh.

SCIENCES MISSIONNAIRES

Institut des sciences missionnaires

Diplôme d'études universitaires en science missionnaires. Deux trimestres après au moins l'année pré-universitaire.

Maîtrise ès arts en sciences missionnaires (MA/ScMiss)*. Avec thèse: quatre trimestres après le BA; sans thèse: six trimestres après le BA.

Doctorat en théologie en sciences missionnaires (DTh/ScMiss). Au moins deux trimestres après la LTh.

THÉOLOGIE

Faculté de théologie

Diplôme d'études universitaires en théologie. Deux trimestres après la 13^{ième} année de l'Ontario.

Grades civils:

Baccalauréat en théologie (BTh)*. Six trimestres après le DEC ou au moins une année des arts.

Maîtrise ès arts en théologie (MA/Th)*. Au moins deux trimestres après le BTh; avec ou sans thèse.

Doctorat en philosophie en théologie (PhD/Th)*. Quatre trimestres après la MA(Th).

Maîtrise en éducation religieuse (MER). Programme spécial, en collaboration avec le Divine Word Centre, London, Ont.

Grades ecclésiastiques:

Baccalauréat en théologie (BTh). Six trimestres après le DEC ou au moins une année des arts.

Licence en théologie (LTh). Quatre trimestres après le BTh.

Doctorat en théologie (DTh). Quatre trimestres après la LTh.

ÉDUCATION PERMANENTE Conférences, cours et sessions en communications sociales, en pastorale, en sciences missionnaires et en théologie, durant l'année scolaire et en été, pour laïques, clercs et religieux, à l'université et à l'extérieur.

INSTITUTS DE RECHERCHE Centre de recherche. Organisme chargé de coordonner et d'animer la recherche à l'Université Saint-Paul, avec, comme objectifs particuliers, d'intégrer l'enseignement et la recherche, de créer le climat indispensable à la recherche, et de mettre à la disposition des enseignants et des étudiants les instruments nécessaires à leurs travaux. Directeur: Pierre Hurtubise, OMI.

Centre canadien de recherches en anthropologie. S'occupe de recherches et de publications dans les domaines de l'anthropologie et du développement communautaire (développement et changement socio-économique). Directeur: Martin Roberge, OMI.

Centre de recherche en histoire religieuse du Canada. Ce centre cherche à promouvoir les études sur l'histoire religieuse générale du Canada, en devenant un centre de documentation et en favorisant la recherche, l'édition, les colloques entre diverses confessions. Directeur: Jean-Claude Dubé.

Centre d'études en liturgie. Créé par l'université à la demande de l'épiscopat canadien, ce centre a pour but de favoriser la recherche scientifique et pastorale dans le domaine de la liturgie. Directeur: Germain Hudon, OMI.

INSTITUTIONS AFFILIÉES Séminaire St. Augustine's, 2661, chemin Kingston, Scarborough (Ontario). Recteur: Very Rev. J. A. O'Mara, PC, JCL. Cours en anglais seulement. Cours de baccalauréat en théologie. Grades canoniques conférés par l'Université Saint-Paul; grades civils conférés par l'Université d'Ottawa. Membre de l'École de Théologie de Toronto. Séminaire catholique. Cours du jour. Affilié en 1964.

Collège St. Thomas, North Battleford (Saskatchewan). Supérieur: Rev. Adam Exner, OMI. Cours en anglais seulement. Cours de baccalauréat ès arts. Grades conférés par l'Université d'Ottawa. Collège catholique. Cours du jour. Fondé et affilié en 1939.

SAINT PAUL UNIVERSITY*

(Federated with the University of Ottawa)

223 Main Street, Ottawa, Ontario K1S 1C4

Telephone: 613-235-1421

Direct general correspondence to the secretary general of the university

PRINCIPAL OFFICERS Chancellor — The Most Rev. J.-Aurèle Plourde, LScSoc, Archbishop of Ottawa. Rector — Marcel Patry, OMI, MA, LPh, PhD, LTh, DPh. Vice-rector, academic — Martin Roberge, OMI, BA, LPh, SSL, DTh. Vice-rector, administration — Lucien Pépin, OMI, BA, LPh, LTh, BEd.

GENERAL INFORMATION Saint Paul University is owned and operated by a religious order of the Roman Catholic Church, but it is open to students of all religious denominations. It offers its programs to men and women, to lay people, priests, seminarians, and members of religious orders. Its main source of income is private.

BACKGROUND From 1848 to 1965, Saint Paul University and the University of Ottawa have a common history. On July 1, 1965, through an act of the Ontario provincial legislature, the institution formerly known as the University of Ottawa was given the name of Saint Paul University, while retaining the two charters, civil and pontifical, which were conferred in 1866 and 1889 respectively. At the same time, a new and independent corporation was created to be designated as the University of Ottawa.

Saint Paul University, federated with the University of Ottawa, has agreed with the latter to limit its teaching to the faculties of theology and canon law, including the related institutes. It presents its students to the senate of the University of Ottawa for most of its civil degrees in theology and canon law.

COUNCIL OF ADMINISTRATION The Council of Administration is responsible for the general government of the university and the administration of its property. All business and affairs of the university, according to the educational policy established by the senate, belong to this council. It consists of the rector (chairman of the council), the two vice-rectors, the secretary general and three other counsellors, and of such other persons which the council may appoint by by-law. All members are elected by the council.

SENATE The Senate is the supreme authority in all matters concerning teaching and research, according to the proper aims and character of the university, subject to the approval of the council insofar as the expenditure of funds is involved. It is composed of: a) the chancellor; b) the rector, the two vice-rectors and the secretary general; c) the dean and the secretary of each faculty or, in the absence of the dean, the vice-dean; d) three professors or associate professors and one assistant professor or lecturer, elected by their peers; e) four students elected by the students; f) the director of each school, and of each institute or centre which is not conducted by a faculty or school; g) the head librarian; h) such other members as the senate may determine by by-law, not exceeding the total number of 30 members.

PUBLICATIONS Besides editing occasionally works of its professors or of other authors, the university publishes the following

periodicals: *Église et Théologie* (faculty of theology), *Studia Canonica* (faculty of canon law), *Kerygma* (Institute of Mission Studies), *Anthropologica* (Canadian Research Centre for Anthropology).

ACADEMIC YEAR Fall trimester: beginning of September to mid-December; winter trimester: beginning of January to end of April; summer trimester: May 1 to mid-August.

FACILITIES AND SERVICES The university is located in the vicinity of the capital's downtown area (Ottawa population 399,000), and thereby close to cultural and educational activities, such as, the National Arts Centre, the National Gallery, the National Museum, the National Library and other university libraries. In order to maintain an internal progressive academic life, various facilities are offered to students and professors. On the campus one can find lounges, a specialized library (160,000 volumes), a bookstore, a chapel, a cafeteria and a service for off-campus living accommodation. At the present time, the university can accommodate 225 students in its various residences.

UNIVERSITY BOOKSTORE The university bookstore plays the double role of selling books and of serving as an agent between the client and the publisher. Because of close ties existing between the bookstore and Canterbury House (an Anglican bookstore of Ottawa), the university bookstore's bilingual clientele is assured of a more complete choice of English books.

STUDENT UNION Saint Paul University Students' Association (SPUSA) plays an important role in students' affairs whether acting as a co-ordinating body for students' activities or as a public relations agent between the students and other universities' organizations. It contributes to cultural, social, artistic and sports activities and is also involved in the election and nomination of students to various councils or committees of the university or faculties.

GRADING SYSTEM A+ — 95-100%; A — 90-94%; B — 80-89%; C — 70-79%; D — 60-69%; F — less than 60%.

FINANCIAL AWARDS AND ASSISTANCE The university offers a limited number of bursaries which can be renewed annually by sending a completed request form to the student financial aid service.

FINAL EXAMINATIONS There is a final examination in each course or half-course, except in some cases where it is replaced by other methods of evaluation. Supplemental examinations are permitted (subject to certain conditions), except, as a rule, in the doctoral programs.

GRADUATION Most civil degrees in theology, canon law and mission studies are conferred by the University of Ottawa, at its spring and fall convocations. The other degrees or diplomas are conferred by Saint Paul University when the candidates have completed the requirements.

FEEES AND COSTS Full-time students: first cycle (diploma or baccalaureate), \$525; graduate studies: \$300 per trimester. Part-time students: first cycle, \$60 per half-course, \$120 per course; graduate studies: \$30 per credit. Other fees: students' association, \$5 annually.

ADMISSION REQUIREMENTS a) Diploma programs: On-

*Ordinary member, AUCC.

tario grade 13; b) 1st cycle, theology: DEC or one year arts, with 18 credits in philosophy; c) 1st cycle, canon law: BA or equivalent; d) master's programs: BA honors or equivalent; e) doctoral programs: master's degree in proper discipline.

For more details, see below, in the list of courses and degrees.

COURSES AND DEGREES The university uses both English and French as languages of instruction. The asterisk indicates the degrees conferred by the University of Ottawa; all other degrees and all diplomas are conferred by Saint Paul University.

CANON LAW

Faculty of canon law

Diploma of university studies in canon law. Two trimesters after pre-university year or equivalent.

Civil degrees:

Bachelor of canon law (BCL)*. Two trimesters after BA or equivalent.

Master of canon law (MCL)*. Two trimesters after BCL. No thesis.

Master of arts in canon law (MA/CL)*. Two trimesters after BCL. Thesis.

Doctor of philosophy in canon law (PhD/CL)*. Four trimesters after MCL.

Canonical degrees:

Bachelor of canon law (JCB). Two trimesters after a bachelor's degree or equivalent.

Licentiate in canon law (JCL). Two trimesters after JCB.

Doctor in canon law (JCD). Four trimesters after JCL.

MISSION STUDIES

Institute of Mission Studies

Diploma of university studies in mission studies. Two trimesters after pre-university year.

Master of arts in mission studies (MA/Miss)*. With thesis: four trimesters after BA; without thesis: six trimesters after BA.

Doctor in theology in mission studies (DTh/Miss). At least two trimesters after LTh.

PASTORAL STUDIES

Institute of Pastoral Studies

Diploma of university studies in pastoral studies. Two trimesters after at least pre-university year.

Master of pastoral studies (counselling). Two trimesters after BA and qualifying year.

Master of pastoral studies (family studies). Two trimesters after BA and qualifying year.

Master of pastoral theology. Two trimesters after BTh.

Master of pastoral studies. Two trimesters after BA or equivalent.

PHILOSOPHY

Faculty of philosophy

Bachelor of philosophy (BPh). Two years after the first year in a faculty of arts or the equivalent, or one year after a general BA with at least 24 credits in philosophy.

Licentiate in philosophy (LPh). At least four trimesters after BPh.

Doctor of philosophy (DPh). At least four trimesters after LPh.

THEOLOGY

Faculty of theology

Diploma of university studies in theology. Two trimesters after Ontario grade 13.

Civil degrees:

Bachelor of theology (BTh)*. Six trimesters after DEC or at least one year arts.

Master of arts in theology (MA/Th)*. At least two trimesters after BTh; with or without thesis.

Doctor of philosophy in theology (PhD/Th)*. Four trimesters after MA/Th.

Master of religious education (MRE). Special program, in collaboration with Divine Word Centre, London, Ont.

Canonical degrees:

Bachelor of theology (BTh). Six trimesters after DEC or at least one year arts.

Licentiate in theology (LTh). Four trimesters after BTh.

Doctor of theology (DTh). Four trimesters after LTh.

EXTENSION PROGRAMS Lectures, courses and institutes in social communications, pastoral studies, mission studies and theology, during the academic year and in summer, for lay people, clerics and members of religious orders, on the campus and off campus.

RESEARCH INSTITUTES Research Centre. Entrusted with co-ordination and animation of research at Saint Paul University. Aims particularly at integrating research and teaching, at creating the atmosphere needed for research, and at providing adequate facilities to students and professors for research work. Director: Pierre Hurtubise, OMI.

Canadian Research Centre for Anthropology. Carries out research and publishes material in the fields of anthropology and community development (socio-economic development and change). Director: Martin Roberge, OMI.

Research Centre in Religious History of Canada. Promotes studies in

general religious history of Canada by collecting historical documents, sponsoring research and publications, and organizing inter-denominational seminars. Director: Jean-Claude Dubé.

Research Centre in Liturgy. Organized by the university at the request of Canadian Hierarchy, it aims at promoting scientific and pastoral research in the field of liturgy. Director: Germain Hudon, OMI.

AFFILIATED INSTITUTIONS St. Augustine's Seminary, 2661 Kingston Road, Scarborough, Ont. Rector: Very Rev. John A. O'Mara, PC, JCL. Courses given in English only. Courses leading to a BTh degree. Canonical degrees conferred by Saint Paul University; civil degrees conferred by the University of Ottawa. Member of the Toronto School of Theology. Catholic seminary. Day students. Affiliated in 1964.

St. Thomas College, North Battleford, Sask. Superior: Rev. Adam Exner, OMI. Courses given in English only. Courses leading to a BA degree. Degrees conferred by the University of Ottawa. Catholic college. Day students. Founded and affiliated in 1939.

ST. PAUL'S COLLEGE*

(Affiliated to The University of Manitoba)

430 Dysart Road, Winnipeg, Manitoba R3T 2M6

Telephone: 204-474-8575

Direct general correspondence to the dean

PRINCIPAL OFFICER Rector — Very Rev. Vincent Jensen, SJ, BA, MA.

GENERAL INFORMATION AND BACKGROUND Founded in 1926, St. Paul's College became an affiliated college of The University of Manitoba in 1931. In 1934 it came under Jesuit direction. After 27 years on a downtown site, the college moved into new buildings on The University of Manitoba campus in 1958. In 1968 it became more closely integrated with the university as a member college, as which it receives the major part of its financial support through the university budget. It is co-educational.

BOARD OF MANAGEMENT There is a Board of Management of 15 members, which assists the executive and administrative officers in the administration of the college. The board members are three Jesuits, three members elected by the faculty, two elected by the students, two elected by the alumni, two appointed by the Catholic bishops and three chosen by the board itself to represent the general public.

*Ordinary member, AUCC.

SENATE There is no college senate but the rector of the college is an ex-officio member of The University of Manitoba senate, and college faculty members are eligible for election to the university senate.

INCOME St. Paul's operation is part of the university budget.

PUBLICATION The college publishes a calendar, which is available from the dean's office at St. Paul's College.

ACADEMIC YEAR Winter session: mid-September to early May. Summer session: early July to mid-August.

BUILDINGS AND GROUNDS The college is located on The University of Manitoba campus in Winnipeg and has five buildings on the campus. In addition to a library the college offers such academic facilities as chemistry laboratories, a psychology laboratory and a language laboratory for the study of French and German. There are also student lounges, a cafeteria and recreation facilities. The chapel facilities at the college are available to college members and the university community.

STUDENT RESIDENCES St. Paul's does not have any student residences, but there are several residences on the campus of the university for which St. Paul's students are eligible.

LIBRARY The college library houses a collection of about 40,000 volumes and maintains subscriptions to more than 400 periodicals, magazines and newspapers on a current basis. The major portion of these holdings is intended to assist faculty and

students to meet the informational and bibliographical requirements imposed by the curricula offered in the college. In addition, because the college represents the Catholic presence on the campus and acts as a depository of theological, philosophical and historical materials for the Catholic community in the metropolitan district, special attention has been given to the acquisition of resources of interest and value to this wider readership.

STUDENT LIFE Student services at the college include chapel services, student counselling and a cafeteria. College students also have access to all university facilities and services on the campus.

MEDICAL SERVICES, BOOKSTORE AND STUDENT EMPLOYMENT See separate entry for The University of Manitoba.

STUDENT COUNSELLING SERVICES Student counselling services are available at the college.

STUDENT UNION Through the St. Paul's Student Union, students elect their own Student Council and carry on a wide range of activities for college students. All students are also members of The University of Manitoba Students' Union.

GRADING SYSTEM, FINAL EXAMINATIONS, GRADUATION, AND FEES AND COSTS Same as The University of Manitoba; see separate entry.

STUDENT AWARDS AND FINANCIAL ASSISTANCE St. Paul's students are eligible for the scholarships and bursaries available to students of The University of Manitoba.

ADMISSION REQUIREMENTS See separate section under

The University of Manitoba. All candidates for admission must meet the general and specific requirements of the university.

COURSES AND DEGREES

ARTS

Bachelor of arts (BA). (a) General course, three years from senior matriculation, specialization in the humanities and social sciences. (b) Honors course, four years from senior matriculation, in conjunction with the university.

Master of arts (MA). At least two years from the general (pass) BA, or at least one year from the honors BA, in conjunction with The University of Manitoba.

SCIENCE, PURE

Bachelor of science (BSc). General course, three years from senior matriculation.

EXTENSION PROGRAMS

For university credit

Summer school and evening courses for university credit are offered in conjunction with The University of Manitoba.

ST. THOMAS MORE COLLEGE*

(Federated with the University of Saskatchewan, Saskatoon Campus)

1437 College Drive, Saskatoon, Saskatchewan S7N 0W6

Telephone: 306-343-4561

Direct general correspondence to the registrar

PRINCIPAL OFFICER Principal – Rev. P.J.M. Swan, CSB, PhD.

GENERAL INFORMATION The college is a co-educational, Catholic, church-related college offering in co-operation with the college of arts and science all programs leading to the BA, BFA, BMus and BSc degrees conferred by the University of Saskatchewan. It is supported by provincial government grants, tuition fees and contributed services of the clerical and religious members of its staff. Its professors are deemed to be members of the staff of both college and university; they belong to the faculty of arts and science and to the university council (Saskatoon); their classes are open to any qualified university students, so far as space permits.

BACKGROUND The college was established and federated with the University of Saskatchewan in 1936: teaching began in that year. Its first graduates obtained degrees from the university in 1937. The college was incorporated by an act of the legislature

of Saskatchewan in 1943 (amended in 1972). The first members of the corporation were all Basilian Fathers.

CORPORATION AND BOARD OF GOVERNORS The Corporation now consists of the Basilian Fathers stationed at the college, faculty with tenure, one lay representative appointed by each of the 6 Catholic dioceses of the province, 3 representatives chosen by the alumni association, and students chosen by the STMSA (to constitute 15 to 20% of the total membership). The executive of the corporation is the board of governors, consisting of the principal and the treasurer, ex officio, 3 Basilian Fathers, 3 corporation-members, 2 faculty and 2 students. All governors (except the principal and the treasurer) are elected by their respective constituencies. Corporation and board have ultimate legal and financial responsibility for the affairs of the college.

SENATE The academic work of the college leading to university degrees is controlled ultimately by the university senate, on which the college is represented by its principal.

INCOME (1970-71) Total operating – \$828,000 (government grants, 43%; academic fees, 40%; contributed services, 11%; other, 6%).

PUBLICATIONS Classes given by St. Thomas More professors are described in the calendar of the college of arts and science, University of Saskatchewan (Saskatoon Campus). General information concerning St. Thomas More College is contained in a bulletin published annually and obtainable from the registrar.

*Ordinary member, AUCC.

ACADEMIC YEAR Winter session: early September to early May. Intersession: mid-May to late June. Summer session: early July to mid-August.

BUILDINGS AND GROUNDS The college building is located on the university campus in northeast Saskatoon (population 130,000). It houses the Shannon library, an art gallery (with frequent exhibitions, chiefly by local artists), music room, chapel, auditorium, staff and student offices and a cafeteria.

LIBRARY The Shannon library has about 22,000 volumes, and has special collections in Canadian church history and in the Christian social sciences.

STUDENT LIFE The college offers students chapel, counselling, food and housing services. Its students may use the university health centre, bookstore and counselling service as well as the Canada Manpower Centre on campus. They belong to the St. Thomas More Students' Association and to the University of Saskatchewan student union (fee \$38.50).

GRADING SYSTEM Division I – 80-100% – 3 merit points; division II – 70-79% – 2 merit points; division III – 60-69% – 1 merit point; division IV – 50-59%; failure – 0-49%.

For the general degree, a minimum of 12 points on 15 classes is required; for the advanced degree, a minimum of 20 points on 20 classes is required; for the honors degree, 70% in the subject of concentration and 70% overall are required.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Students of St. Thomas More College are eligible to receive all scholarships, bursaries, prizes and loans available to arts and science students of the University of Saskatchewan, Saskatoon, including undergraduate (\$400) and honors (\$500) scholarships, and other awards from private donors or from governmental sources.

FINAL EXAMINATIONS Final examinations are given in December (for first-term classes) and in April (for second-term and full-year classes). The policy with respect to final examinations is under review. Supplemental and special examinations may be granted at the discretion of the faculty.

GRADUATION Degrees are conferred by the chancellor of the university at convocations in May and October (or November).

FEES AND COSTS All-inclusive fees per year: full-time – first year, \$410; upper years, \$425; extra class, \$100; part-time – \$100 per class. Students' societies' fee (compulsory), per year, \$38.50.

For costs of residential accommodation, see appropriate entry under "University of Saskatchewan, Saskatoon Campus".

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. The student must have division IV (21 credits of which 12 credits must have been taken in levels II and III) or grade XII standing of the province of Saskatchewan (or its equivalent) in the

following subjects: literature 30 (1 credit); composition 30 (1 credit); one of algebra 30 or geometry-trigonometry 30 (1 credit); two approved electives numbered 30; two approved electives numbered 20, 30, 23, 33, with the provision that only one credit from subjects in groups 23 or 33 is acceptable.

The average mark must be at least 65% on subjects presented in the first four categories combined and overall. All credits submitted must be in different subjects. Equivalent standing in Greek, Norwegian, Polish, Russian, Spanish, or other languages approved by the university registrar's office may be accepted in lieu of standing in groups 20 or 30 languages other than English.

2. Subjects recommended for entry into specific programs: program A – humanities (leading to BA and law): a language or languages other than English from the 30 group. Program B – social sciences (leading to BA and law): a social science 30 and algebra 30 and geometry-trigonometry 30. Program C – natural sciences (leading to BSc and dentistry, medicine and veterinary medicine): two natural sciences from the 30 group and algebra 30 and geometry-trigonometry 30. In order to complete the pre-dental, pre-medical and pre-medical laboratory technology programs in one year, a student must have standing in biology 30, chemistry 30 and physics 30.

Fine Arts (leading to BA, BMus and BFA): a language other than English from the 30 group and one of art 30, drama 30 or music 30. Applicants for admission to the BMus program must also have an interview, audition, and pass a placement examination. For combined courses in an arts and science program and in a professional program, the admission requirements of both programs must be met. Students holding a degree will be considered to have met the admission requirements of St. Thomas More College. For further details, consult the college bulletin.

COURSES AND DEGREES

ARTS

Faculty of arts and science

Associate in arts (AA). One year from senior matriculation.

Bachelor of arts (BA). General course (three years from senior matriculation), advanced and honors courses (four years from senior matriculation) in program A (humanities) with emphasis in art, drama, English, far eastern studies, French, German, Greek and Roman studies, Hebrew, history, music, philosophy, Slavic studies, Spanish; and in program B (social sciences) with emphasis in anthropology and archeology, economics, geography, linguistics, political science, psychology, sociology.

FINE ARTS

Faculty of arts and science

Bachelor of fine arts (BFA). Four years from senior matriculation, with emphasis in studio art or drama.

MUSIC

Faculty of arts and science

Bachelor of arts (BA). Four years from senior matriculation, with emphasis in theory and composition, history and literature, or performance.

SCIENCE, PURE

Faculty of arts and science

Bachelor of science (BSc). General course (three years from senior matriculation), advanced and honors courses (four years from senior matriculation) in program C (natural sciences) with emphasis in anatomy, bacteriology (microbiology), biochemistry, biology, chemistry, computational science, geological sciences, mathematics, physics, physiology.

COMBINED COURSES

Combined courses in arts and science and agriculture, commerce,

dentistry, education, engineering, home economics, law, medicine, music or pharmacy enable a student to obtain the BA or BSc and the professional degree in less time than if the two courses were taken separately.

EXTENSION PROGRAMS

For university credit

Evening classes, intersession classes, summer school classes and correspondence classes, in conjunction with the University of Saskatchewan, Saskatoon.

For no university credit

Adult education programs in theology and allied fields.

SPECIAL PROGRAMS Interdisciplinary programs in French-Canadian studies, international studies, land use and environmental studies, linguistics, and regional and urban development leading to BA or BSc degree are available.

UNIVERSITY OF SASKATCHEWAN, REGINA CAMPUS*

Regina, Saskatchewan

Telephone: 306-584-4111

Direct general correspondence to the secretary of the campus

PRINCIPAL OFFICERS (UNIVERSITY) · Chancellor – The Rt. Hon. John Diefenbaker, PC, QC, BA, MA, LLB, DCL, LLD, DLitt, DSL, DH, FRSC, FRSA, MP. President and vice-chancellor – J.W.T. Spinks, MBE, PhD, DSc, LLD, FRSC, CC. Vice-presidents, university – R.W. Begg, BSc, MSc, MD, CN, DPhil, FRCP(C) – John Archer, BA, MA, BLS, PhD – L.I. Barber, BA, BComm, MBA, DBA. Vice-president, research – B.W. Currie, BSc, MSc, PhD, FRSC.

PRINCIPAL OFFICERS (REGINA CAMPUS) Principal – J.H. Archer, BA, MA, BLS, PhD. Vice-principal – to be appointed.

GENERAL INFORMATION The University of Saskatchewan is provincial, non-denominational and co-educational. It is governed by a board of governors, a senate, a general university council and two campus councils (Saskatoon and Regina).

BACKGROUND The University of Saskatchewan was established by an act of the legislative assembly of Saskatchewan in 1907. Teaching began in 1909 and the first degrees were awarded

in 1912. Regina College which was established in 1911, was taken over by the university as a constituent college in 1934. In 1961, the name of the college was changed to the University of Saskatchewan, Regina Campus. On July 1, 1964, the two teachers' colleges at Saskatoon and Regina became part of the university and all teacher-training programs are now integrated within the university. The Regina Campus issued its first degree in May 1965.

BOARD OF GOVERNORS The Board of Governors consists of 18 members; the president of the university, the chancellor, the deputy provincial treasurer, the deputy minister of education, the principals of all campuses, seven members appointed by the lieutenant-governor-in-council and five members elected by the senate. The board is responsible for the oversight of the administrative and business affairs of the university. Within the structure of the university, it has the ultimate authority in all matters related to the raising and spending of university funds, and the acquisition and management of university property.

SENATE The membership of the Senate includes the following persons by virtue of their offices: the chancellor and all persons who at any time have held the office of chancellor; the president of the university; vice-presidents of the university; the deputy minister of education; the chairman of the Educational Council; the principals of affiliated colleges, deans of faculties, deans of academic and student affairs, and such directors as are nominated by the president and approved by the senate. Another 14 members are members of convocation elected by the senate by convocation.

*Ordinary member, AUCC.

The minister of education and the provincial treasurer are members ex officio. Two full-time students from each campus are appointed annually by the Students' Representative Council. In addition, any professional society, group or organization in the province that, in the opinion of the senate, contributes in a significant way to the social, economic and cultural welfare of the province may, with the consent of the senate, be represented on that body. At the present time, more than 20 such bodies are so represented. Senate's general area of concern is the academic welfare of the institution and, within this area, has a variety of duties and powers. Most of the broader issues of academic policy within the university are reserved for its approval. In another role it acts as an ultimate court in academic affairs.

GENERAL UNIVERSITY COUNCIL Membership includes the president, the vice-presidents, the university secretary, the principals and vice-principals of the campuses, the dean of the college of graduate studies and research, the secretaries of the campuses and 18 faculty members from each campus. Academic matters forwarded by campus councils may be approved by the General University Council or recommended to the senate for approval.

PUBLICATIONS Faculty, spring/summer and evening class calendars may be obtained free-of-charge from the registrar's office. General calendars cost \$2 each and may be obtained by writing to or visiting the campus bookstore. Calendars and brochures describing non-credit and certificate classes may be obtained from the department of extension.

ACADEMIC YEAR Fall semester: September 6 to December 21. Winter semester: January 8 to April 26. Spring session: early May to mid-June. Summer session: early July to mid-August. Campus operates on a modified tri-semester system.

BUILDINGS AND GROUNDS The University of Saskatchewan has two campuses, one in Saskatoon (population 129,000), the other at Regina (population 143,000). Unlike many other universities whose growth has been haphazard, Regina Campus, with its distinctive architecture, has developed from a master plan. The campus is a part of the Wascana centre development, a government, education and cultural centre designed by an internationally known architect, Minoru Yamasaki. All buildings on the new campus are built on a common base or podium, so that it will be possible to go from one building to another without going outside. At present the classroom, laboratory and library buildings have a common podium with enclosed connecting passageways and common courtyards.

The physical education centre, Campion College (a federated Roman Catholic arts college), Luther College (a federated Lutheran arts college), the education building and the student services centre will eventually be joined to future buildings such as the administration/humanities building and College West, an academic and residential complex. This campus also includes the original Regina College campus located on College Avenue with the Norman Mackenzie art gallery and Darke hall. The division of fine arts, the department of extension programs and the conservatory of music are located on this campus.

STUDENT RESIDENCES Luther College provided the first residence accommodation on campus and has facilities for some 200 students. College West, a co-educational residence for 405 students will open in September 1972. The building will feature furnished suites for apartment-type living for 6 to 12 students.

LIBRARIES The university library collections include over 248,000 book volumes, 3,600 serials and 100,000 other items. The major portion of the bookstock is in the main library. Two branch libraries contain specialized collections: the education library and the fine arts library.

STUDENT LIFE A wide range of opportunities is provided for students at all levels of proficiency to participate in organized athletic programs. The intramural program for men includes: badminton, basketball, 3-man basketball, curling, cross-country, flag football, floor hockey, golf, hockey, ice hockey, tennis, table tennis, soccer, swimming and diving, volleyball and water basketball. The women's program offers: archery, badminton, basketball, curling, cross-country skiing, fencing, field hockey, five- and ten-pin bowling, golf, floor hockey, table tennis, swimming, powder-puff football and volleyball. The intramural program is sponsored jointly by the department of physical education and the Students' Representative Council. It is administered by an intramural athletic board composed of students and faculty. The inter-varsity athletic program on campus is supported by student fees which are collected annually by the Students' Representative Council. The men's program includes competition in basketball, curling, diving, fencing, soccer, speed swimming and wrestling. The women's program includes competition in basketball, curling, diving, fencing, speed swimming and synchronized swimming.

MEDICAL SERVICES The university provides nursing services and is available to students Monday through Friday. This service is designed to meet immediate and emergency needs for attention. If medical treatment is required, the student is advised to consult his own physician.

STUDENT COUNSELLING SERVICES The university provides a general counselling service on campus and the counselling centre offers help with personal and emotional problems, some vocational guidance, and generally tries to be responsive to the problems students often have.

UNIVERSITY BOOKSTORE The university operates a bookstore on the main campus and is open Monday through Friday.

STUDENT EMPLOYMENT The Department of Manpower and Immigration, manpower service, maintains an office at the campus. The services of this office, designed to assist graduates and undergraduates to obtain permanent, summer or part-time employment, are available throughout the year.

GRADING SYSTEM Standing is graded in each subject as follows: 5 — outstanding; 4 — very good; 3 — good; 2 — satisfactory; 1 — passing grade; 0 — failing grade; IN — incomplete; EX — exempt; C — credit for hours shown; AU — audit, no credit; W — withdrew from class; WF — withdrew, failing grade; DE — deferred examination; P — pass standing; AG — aegrotat standing; N — no credit for hours shown.

If grades are converted to percentages, the University of Saskatchewan, Regina Campus, considers the grades at mid-point; e.g., grade 1 — 55%; grade 2 — 65%; grade 3 — 75%; grade 4 — 85%; grade 5 — 95%. A student may take twelve hours of pass/fail or non-contributory classes in the faculty of arts and science.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Assistance for students is available in three principal forms: scholarships, bursaries and loans. Scholarships are awarded

on the basis of academic ability and financial need, with the emphasis on academic ability; bursaries are awarded on the basis of academic ability and financial need, with the emphasis on financial need. Educational loans are also obtainable when financial assistance is required with the only academic qualification being that the applicant has been accepted at a post-secondary educational institution.

The government of Saskatchewan has provided entrance scholarships to enable students of superior ability to attend first-year programs in institutions of higher learning. These scholarships are tenable at the following institutions: 1. The University of Saskatchewan; 2. Campion College, Regina; 3. Luther College, Regina; 4. St. Joseph's College, Yorkton; 5. St. Peter's College at Muenster; 6. Saskatchewan schools of nursing for students enrolled in the first year of a two-year program (maximum \$300); 7. The school of agriculture for students enrolled in the first year of a two-year program (maximum \$300); 8. The Saskatchewan Technical Institutes, Moose Jaw and Saskatoon, for students enrolled in the first year of a two-year program (maximum \$300); 9. Any approved institution of higher learning outside the province if the course being pursued is of the first-year level and is not offered in Saskatchewan.

The scholarships, under points 1 to 5 and 9, are valued at \$300 or \$500, depending upon whether or not the student is a resident of the city or town where the institution is located. Application forms may be obtained from the Department of Education, Avord Tower, Regina, Saskatchewan, and must be completed and returned before June 15th.

The University of Saskatchewan offers for competition a number of entrance scholarships as well as scholarships leading to a degree. These scholarships, valued at \$1,250 per year, are awarded to students completing grade XII. They are renewable up to a maximum of four years, provided the student maintains a sufficiently high grade point average. Special application forms for this type of scholarship are available at the registrar's office and must be completed and returned before March 15th. The University of Saskatchewan, Regina Campus, offers one conservatory entrance scholarship valued at \$250 and three bachelor of music entrance scholarships valued at \$350. Special application forms are available at the registrar's office and must be completed and returned before September 1st. General proficiency scholarships, valued at \$175 per semester, are also available to students after they have completed at least one semester's work. These scholarships are awarded on the basis of grade point averages. No application is required. A student having a grade point average of 4 or better can be almost certain of receiving one of these scholarships. A number of other scholarships and bursaries have been established at both campuses of the university. These are described in the scholarship calendar, a copy of which may be obtained from the registrar's office or by writing directly to the awards officer.

The Canada Student Loans Plan was instituted by the federal government to provide loans to supplement the resources of a student, and of his immediate family, who, without this aid, would be unable to pursue a post-secondary education. In most cases, to be eligible a student must have completed his grade XII and be accepted into a post-secondary educational institute. Application forms can be obtained from the Student aid office, Department of Education, Avord Tower, Regina, Saskatchewan.

The maximum loan a student can obtain in any one year is \$4,800 and under no circumstances may the total loan exceed \$9,800. Repayment begins six months after the student has finished his

course. There are also a number of university administered loan funds available. These are used primarily for short-term loans.

FINAL EXAMINATIONS The privilege of writing supplemental examinations is no longer granted. The authority for the granting of deferred examinations will rest with the dean of the student's faculty.

GRADUATION Convocation meets twice a year, in May and in October and degrees and scholarships are awarded at this function.

FEES AND COSTS Fees per year (excluding books, art fees, etc): full-time (a) for first degree — first year, \$410; upper years — arts and science, education, administration, engineering, music, \$425-\$505; (b) master's degree, \$425; (c) doctor's degree, each year, \$425; (d) part-time (per subject), \$64, music, \$76. Students fees, per year, approximately \$35. Semester fees are approximately one-half of the full-year fees.

In September 1972 there will be space for 600 resident students. Cost for board and room, approximately \$120 per month.

ADMISSION REQUIREMENTS See separate entry (University of Saskatchewan, Saskatoon Campus) for admission requirements for both Regina and Saskatoon Campuses.

COURSES AND DEGREES

ADMINISTRATION

Faculty of administration

Bachelor of administration (BAdmin). Four years from senior matriculation. Areas of concentration: behaviorism, computer science, economics, and operations research.

ARTS

Faculty of arts and science

Bachelor of arts (BA). (a) Ordinary course, three years from senior matriculation. Areas of emphasis: humanities, fine arts, and social sciences. (b) Honors course, four years from senior matriculation, available in economics, English, French, geography, history, philosophy, political science, psychology, sociology or social sciences, and Canadian plains area study.

Bachelor of fine arts (BFA). Ordinary course, four years from senior matriculation. Areas of emphasis, visual arts or drama. Honors course not available.

Faculty of graduate studies and research

Master of arts (MA). At least two years from ordinary BA, or at least one year from honors BA. Available in communications, economics, English, French, history, philosophy, political science, psychology, social studies and Canadian plains area study.

Doctor of philosophy (PhD). At least two years from MA. Available in psychology only.

EDUCATION

Faculty of education

Bachelor of education (BEd). Four years from senior matriculation. Specialization offered in elementary school teaching and secondary school teaching.

Bachelor of education — after an approved degree (BEAD). Two-year program following an approved bachelor's degree.

Bachelor of music education (BMusEd). Four-year program for preparation of music teachers for secondary schools. Students register in the faculty of arts and science for the first two years of the program and in the faculty of education for the last two years.

Faculty of graduate studies and research

Postgraduate diploma in education administration (DipEdAdmin). At least one year from BEd.

Master of education in administration (MEd). At least one year from BEd, plus thesis.

Postgraduate diploma in guidance and counselling. At least one year from BEd.

Master of education in guidance and counselling. At least one year from BEd plus thesis.

Postgraduate diploma in curriculum — social studies. At least one year from BEd.

Master of education in curriculum — major social studies. At least one year from BEd plus thesis.

ENGINEERING

Faculty of engineering

Bachelor of applied science (BASc). Four years from senior matriculation. Specialization offered in chemical, civil, electrical and mechanical engineering.

Faculty of graduate studies and research

Master of science in engineering (MSc). At least one year from a baccalaureate degree. Specialization offered in chemical, civil, electrical and mechanical engineering.

LABORATORY TECHNOLOGY

Faculty of arts and science

Bachelor of laboratory technology (BLT). Three years from senior matriculation. Areas of emphasis: microbiology and biochemistry.

Certificate in hospital laboratory technology (LT). Two years from senior matriculation. For hospital laboratory work, 12 months of apprenticeship must follow.

MUSIC

Faculty of arts and science

Bachelor of music (BMus). Four years from senior matriculation. Areas of emphasis: composition, music history and performance.

Bachelor of arts (BA). Three years from senior matriculation. Areas of emphasis: music history and music theory.

Bachelor of music education (BMusEd). Four-year program for preparation of music teachers for secondary school. May be taken through the faculty of education, if preferred.

Science, applied, see engineering above

SCIENCE, PURE

Faculty of arts and science

Bachelor of arts (BA). (a) Ordinary course, three years from senior matriculation. Areas of emphasis: biology, chemistry, computer science, geology, mathematics and physics. (b) Honors course, four years from senior matriculation; available in biology, chemistry, computer science, geological sciences, mathematics and physics.

Bachelor of science (BSc). (a) Ordinary course, four years from senior matriculation. Areas of emphasis: biology, chemistry, computer science, geology, geophysics, mathematics and physics. (b) Honors course, four years from senior matriculation; additional classes in major subject.

Faculty of graduate studies and research

Master of science (MSc). A least two years from ordinary bachelor's degree in science or at least one year from honors bachelor's degree in science. Available in biology, chemistry, mathematics, and physics.

Doctor of philosophy (PhD). At least two years from MSc. Available in biology, chemistry, mathematics and physics.

SOCIAL WORK

School of social work

Bachelor of social work (BSW). Four years after matriculation.

Bachelor of social work (extensions). Two calendar years after completion of a BA degree. Limited to persons who have been employed in the social services in the province of Saskatchewan for at least two years.

PRE-PROFESSIONAL PROGRAM

The faculty of arts and science offers preparatory courses for students intending to enter certain professional colleges such as agriculture, home economics, law, medicine, veterinary medicine, nursing and dentistry. Before registering at the Regina Campus, students intending to enter any of these professional programs should acquaint themselves thoroughly with the requirements and the courses of the college they intend to enter.

EXTENSION PROGRAMS

For university credit

Evening classes — undergraduate classes (on- and off-campus) in a wide range of subjects in arts and science, administration and education. Spring and summer sessions — a complete range of undergraduate classes in arts and science, administration, education and engineering, together with a few graduate classes in education.

For no university credit

Certificate courses — certificate in business administration and public administration; four years of evening study from senior matriculation. Certificate in data processing, three years of evening study from senior matriculation. Programs such as the fellows program in banking and the Federation of Canadian Personnel Association. Personnel administration program leads to certification by the organization involved. A number of individual classes in administration and in the liberal arts are offered as well.

Extension services for urban and rural communities and organizations include specially designed short courses, seminars and conferences in general adult education: community development,

human relations and communication, current issues in public policy.

Pre-matriculation courses

Preparatory courses — the Regina Campus offers junior matriculants and adult students a one-year program of studies in preparation for university (senior) matriculation. Some senior matriculation subjects are taught in the university summer school.

SPECIAL PROGRAMS Bilingual program — a three-year program leading to the BA degree and a four-year program leading to a BEd degree are being offered. The programs are based essentially on the regular degree program of the university and differ substantially only in the matter of the language of instruction. To qualify under the bilingual program, a student must complete at least 40% and not more than 60% of his classes in French, and must register in at least two classes offered in French by a department other than the French department.

Canadian plains area study program — this program provides interdisciplinary major and honors studies focused on the Canadian plains region. Its aim, as a liberal undergraduate program, is an understanding of a regional society in its many aspects and in its broad context. It has been designed in such a way as to fulfil the requirements of the faculty of arts and science.

Co-operative program in engineering — this program enables students to combine full-time employment opportunities with full semester of study in engineering.

RESEARCH INSTITUTE Canadian Plains Area Centre. The centre fosters a community of research and discourse which facilitates the interdisciplinary training of graduate students in studies pertaining to the Canadian plains.

FEDERATED COLLEGES Campion College, Regina, Saskatchewan. Principal: Very Rev. Peter Nash, SJ, MA, PhD. Co-educational. Established 1918. Undergraduate arts college, offering in co-operation with the university's faculty of arts and science, Regina Campus, all courses leading to the degrees offered by the faculty of arts and science. Serves as student centre for Roman Catholic students. No residential accommodation.

Luther College, Regina, Saskatchewan. Principal: M.A. Anderson, BA, BEd, MA. Lutheran and co-educational. Established 1921. Undergraduate arts college, offering in co-operation with the university's faculty of arts and science, Regina Campus, all courses leading to the degrees offered by the faculty of arts and science. Serves as a student centre for Luther College students. Residential accommodation for 200 students.

UNIVERSITY OF SASKATCHEWAN*

Saskatoon, Saskatchewan S7N 0W0

Telephone: 306-343-2100

Direct general correspondence to the secretary of the campus

PRINCIPAL OFFICERS Chancellor – The Rt. Hon. John Diefenbaker, PC, QC, BA, MA, LLB, DCL, LL.D., DLitt, DSL, DH, FRSC, FRSA, MP. President and vice-chancellor – J.W.T. Spinks, MBE, PhD, DSc, LL.D., FRSC, CC. Vice-presidents, university – R.W. Begg, BSc, MSc, MD, CM, DPhil, FRCP(C); John Archer, BA, MA, BLS, PhD; L.I. Barber, BA, BComm, MBA, DBA. Vice-president, research – B.W. Currie, BSc, MSc, PhD, FRSC.

GENERAL INFORMATION The University of Saskatchewan is provincial, non-denominational and co-educational. It is governed by a board of governors, a senate, a general university council and two campus councils (Saskatoon and Regina).

BACKGROUND The University of Saskatchewan was established by an act of the legislative assembly of Saskatchewan in 1907. Teaching began in 1909 and the first degree was awarded in 1912.

Regina College, which was established in 1911, was taken over by the university as a constituent college in 1934. In 1961, the name of the college was changed to the University of Saskatchewan,

Regina Campus. On July 1, 1964, the two teachers' colleges at Saskatoon and Regina became part of the university and all teacher-training programs are now integrated within the university.

BOARD OF GOVERNORS The Board of Governors consists of 22 members as follows: the chancellor, the president of the university, the deputy minister of education and the deputy provincial treasurer, the principals of campuses, nine members appointed by the lieutenant-governor-in-council, five members elected by the senate, and two students. It elects its own chairman and vice-chairman from among its members.

The management, administration and control of the property, revenues, business and affairs of the university are vested in the board, which has the duty and power to erect and maintain buildings, to expend money on their maintenance and equipment, to provide for the establishment and maintenance of such faculties, departments, chairs, exhibitions, scholarships and prizes as have been determined by the senate; to appoint the president of the university, the vice-president or vice-presidents of the university, the principals of the campuses, the librarian, professors, and instructors, and all officers, clerks, employees and servants; to fix their salaries or remuneration, to define their duties and terms of employment, which unless otherwise provided, shall be during the pleasure of the board; to fix and determine all fees to be paid by students.

SENATE The Senate is composed as follows: the chancellor

*Ordinary member, AUCC.

(and all persons who at any time have held the office of chancellor), the president of the university, vice-presidents of the university, the assistant to the president, principals of campuses, the minister of education, the deputy minister of education, the chairman of the educational council, the provincial treasurer, the principals of affiliated colleges at the university, deans or acting deans of colleges, and such other deans of academic and student affairs and such directors as nominated by the president and approved by the senate, two students from each campus, 14 members elected by convocation from the members thereof and to represent the districts in the province in which they must reside; representatives of professional societies, groups or organizations in the province which in the opinion of the senate contribute in a significant way to the social, economic and cultural welfare of the province. The senate provides for the granting of degrees; authorizes the establishment of colleges, departments, chairs or courses of instruction within the university and considers and determines as to all courses of study; and may make statutes concerning these or other educational matters provided always that statutes dealing with the establishment of colleges, departments, chairs and courses of instruction must be approved by the board of governors, and further that the senate cannot take action on the granting of degrees, the establishment of colleges, departments, chairs and courses of instruction without first having received a report from the general university council embodying its recommendations on such matters. The senate has the duty and power to make recommendations to the board of governors and the councils and further, to require the councils to consider and take action upon matters within the authority of the senate.

INCOME (1970-71) Total resources (capital and operating income) excluding ancillary enterprises, \$57,852,959. Total operating income excluding ancillary enterprises \$45,349,942 (fees, 16%; provincial government, 65%; research and other grants, 15%; miscellaneous, 4%).

PUBLICATIONS A general information bulletin, individual calendars for all colleges and schools, and for the BFA and BMus programs, and a scholarships and awards bulletin are obtainable from the registrar's office. A brochure of information for prospective students from outside of Canada is also available from the registrar's office.

ACADEMIC YEAR Winter session: mid-September to early May. Intersession: May and June. Summer session: early July to mid-August.

BUILDINGS AND GROUNDS The University of Saskatchewan has two campuses, one in Saskatoon (population, 126,500), the other in Regina (population, 143,000).

The university in Saskatoon is situated on the South Saskatchewan River with a site of 3,200 acres of which 300 acres comprise the campus and 2,900 acres the university farm and experimental plots. There are 14 major teaching buildings, a linear accelerator laboratory, a library, a physical education centre, farm buildings, facilities for administration and student activities, student residences accommodating 600 men and women, Kirk hall which includes extension services and the school of agriculture offices. Federated and affiliated colleges with buildings on the campus are St. Thomas More, College of Emmanuel and St. Chad, and St. Andrew's, and Lutheran Theological Seminary. Also located on the campus are the University Hospital, the Prairie regional laboratory of the National Research Council, the Canada Department of Agriculture research laboratory, the Saskatchewan Research Council building, a PFRA building, the Cancer and Medical Research Institute building, and St. Pius X Seminary.

See separate entry for details on the Regina Campus.

STUDENT RESIDENCES The university can accommodate about 600 men and women in its halls of residence. These are divided into six houses, which are under the supervision of a resident don. Residents eat their meals in Marquis hall, which is close by. The residence buildings are provided with lounges and other recreation rooms and have been planned to give students not only agreeable surroundings, but also an atmosphere conducive to study.

LIBRARIES The university library consists of the Murray memorial library (main library) and 11 branches as follows: education, law, health sciences, veterinary medicine, commerce, engineering, geology, linear accelerator, physics, space engineering and Thorvaldson library, with a combined holding of approximately 550,000 volumes. The main library houses the local office of the Saskatchewan archives. There are also special quarters for the Shortt library of Canadiana, which is devoted mainly to source material for Canadian history.

STUDENT LIFE Nearly every noon-hour provides an opportunity to attend a film, an open forum, a dramatic production, a concert, a debate, a meeting or a rally on some issue of immediate concern. On the campus there are numerous clubs with social, ethnic, religious, political or study orientations. The student union (membership is compulsory for full-time students) supports and helps to organize many of these activities and, through the men's and women's athletic boards, plays a major part in offering students an opportunity to participate in a variety of athletic activities. As well as interuniversity sports there are intramural sports organized to provide maximum participation and recreation for the students.

The union acts as bargaining agent for student concerns within the regular university structure. At present, students have representation on the board of governors, and the senate of the university can attend faculty council meetings and can participate in many of the committees which govern the day-to-day business of the university at the departmental, faculty (or college) and campus levels. The students' unions have also lobbied outside the university on matters of concern to students.

MEDICAL SERVICES A student health centre is located on campus. A doctor and a nurse are in attendance Monday through Friday. If medical help is required out of clinic hours, an emergency department is available at the university hospital. Students are responsible for registering for care under the Saskatchewan Hospitalization Act and the Medical Care Act and for payment of the tax thereof (\$36 per year per person or \$72 per year per family).

STUDENT COUNSELLING SERVICES The student counselling service is available to all students on a voluntary basis free of charge. The counselling services provided include assistance in career planning, course selection, development of sound study habits and orientation to university life. Assistance in dealing with other problems such as financial and personal ones, is also available.

UNIVERSITY BOOKSTORE The university bookstore carries a complete stock of all books adopted for use of students in all classes, departments, colleges and courses conducted on the campus. The stock includes all university correspondence, extension and off-campus courses and a full range of student essentials. It holds a large stock of trade and reference books in all fields of

writing. Any book published anywhere in the world for which Canadian selling rights exist, may be purchased at or through the bookstore.

STUDENT EMPLOYMENT The Department of Manpower and Immigration, manpower division, maintains an office on the Saskatoon Campus, to assist graduates and undergraduates seeking permanent, summer or part-time employment. The service includes a teacher placement service and assistance to alumni who may be seeking employment.

STUDENT GOVERNMENT The Memorial Union building is the hub of student government on campus. The policies and activities are governed by a joint board representing the Students' Representative Council (students' union), the board of governors, the faculty council and the alumni association. The members of the SRC are elected yearly by the students on campus. The council in turn appoints directors of programs to carry out the decision of the council. The directors through their respective boards and committees execute and develop programs on campus.

GRADING SYSTEM Standing is graded in each subject as division I: 80-100%; division II: 70-79%; division III: 60-69%; division IV: 50-59%; or failed: below 50%. Merit points are assigned as follows: division I — 3 points; division II — 2 points; division III — 1 point.

FINAL EXAMINATIONS Final examinations are held twice a year during the winter term. For first-term half-classes, final examinations are usually held from the 14th to the 23rd of December. Final examinations for second-term half-classes are usually held during the last three weeks in April. Unless special circumstances will permit the waiving of a final examination in a certain course, final examinations are to be held in each course. With permission, students may write supplemental, deferred, or special supplemental examinations. At present, the whole area of examinations is under review.

GRADUATION The University of Saskatchewan has two convocation ceremonies each year, in the spring and in the fall. The spring ceremony is usually held in the last week of May and the fall convocation is usually held on the first Saturday in November. Degrees are conferred by the chancellor of the university.

FEES AND COSTS All-inclusive fees per year: full-time (a) for first degree — first year, \$410; upper years — agriculture, arts and science, education, administration, commerce, nursing, pharmacy, engineering, home economics, music, \$425-\$505; law, \$450; medicine and veterinary medicine, \$635; (b) master's degree, \$425; (c) doctor's degree, each year, \$425; (d) part-time (per subject), \$100. Student fees, per year, approximately \$40. Residence rates, room and board. First term \$396-\$425; second term \$373-\$399. Apartment accommodation is provided in McEown park located on university property about five blocks south of the campus. Unfurnished accommodation (except for stove and refrigerator) is available for married students with children, married students without children and single students on a "sharing basis" from \$95 to \$125 per month. Furnished units for six students per unit on a "sharing basis" are available at \$330 per month (\$55 per occupant).

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Complete Saskatchewan division IV standing (21 credits) or equivalent. University matriculation requires at least 12 credits at the year II and year III levels (engineering requires 13 such credits), and a minimum average of 65% on seven approved subject credits as well as a minimum average of 65% on five or six required credits (depending on the faculty); minimum age — 16 years. Certificate of standing equivalent to Saskatchewan grade XII from another province. Some junior matriculants may be admissible to the senior matriculation course at the Regina Campus; this is a pre-university-level course.

2. Saskatchewan division IV requirements. a) All credits submitted must be in different subjects. b) Subjects numbered 21, 31, 24, 34, 26c and 36c are not acceptable. Special physical education, family life education, psychology, band, orchestra, choral subjects are acceptable only to certain faculties; e.g., special physical education for physical education. c) Many university subject courses have level III courses as prerequisites; students with the required high school averages may be admissible with a deficiency of one credit (in some colleges or faculties) but these deficiencies must be cleared by attendance at summer school and in all cases must be cleared before entry to second year. d) Admission to dentistry, medicine and veterinary medicine is only to the pre-dentistry or pre-medical and pre-veterinary courses in arts and science.

3. Specific requirements. Agriculture (Saskatoon) — a) degree course; literature 30, composition 30, algebra 30, geometry 30, biology 30 (BSCS preferred), chemistry 30 and one level III elective (not group 31, 34 or 36c); b) diploma course; minimum age 17 years with at least division IV level II (grade 11) standing and one season's farm experience. Administration (Regina), commerce (Saskatoon) — literature 30, composition 30, algebra 30, geometry-trigonometry 30, one approved elective from group 30, two other approved electives at the 20 or 30 level, minimum average 65% also on first five. Arts and science (Saskatoon) — literature 30, composition 30, one of algebra 30 or geometry-trigonometry 30, four other approved electives (two at least from group 30), minimum average 65% also on five required group 30 subjects; (Regina) — literature 30, composition 30, three approved electives from group 30, two other approved electives at the 20, 30 or 33 level, minimum average 65% on first five. Pre-dentistry, pre-medicine, nursing, pharmacy (Saskatoon) — literature 30, composition 30, algebra 30, geometry-trigonometry 30, biology 30, chemistry 30, physics 30 (two of biology, chemistry, physics and social science 30 or a language 30 for physiotherapy).

Education (both campuses) — literature 30, composition 30, one approved elective from group 30, two other approved electives at level 30, 33, 35 or 36, two other approved electives at level 20, 30, 23, 33, 25, 35, 26 or 36; minimum average 65% also on first five. Engineering (both campuses) — literature 30, composition 30, algebra 30, geometry-trigonometry 30, chemistry 30, physics 30, one approved elective at level 20, 23, 30, 33, 35 or 36; minimum average 65% also in first six. Home economics (Saskatoon) — literature 30, composition 30, algebra 30, geometry-trigonometry 30, chemistry 30, one elective from group 30, one other elective. Physical education — literature 30, composition 30, algebra 30, geometry-trigonometry 30, biology 30, social science 20 or 30, one approved elective. Pre-veterinary medicine — literature 30, composition 30, algebra 30, geometry-trigonometry 30, two of biology, chemistry or physics, one elective from group 30.

Foreign students

Certificate equivalent to the standing required for Canadian students. UK and Commonwealth — GCE (or equivalent) in five approved subjects (English, one mathematics and one

science required at O level) with two or three at the A level. USA — successful completion of a full academic high school program in subjects and averages prescribed by the college or faculty to which the student is seeking admission plus acceptable scores in the appropriate college entrance examination board tests. Students from other countries seeking admission to the Regina Campus must submit original documents covering their present academic standing, or should write to the registrar's office for detailed information concerning admission requirements for the faculty in which the student is seeking admission. A \$50 refundable deposit is required with all applications to the Regina Campus plus a \$6 evaluation fee for foreign documents or a \$3 fee for Canadian documents. Students submitting the international baccalaureate certificate will be considered for admission. Certificates which are in a language other than English must be submitted in photostatic copies and a notarized English translation. Students whose mother tongue is not English must submit evidence of proficiency in English as indicated by acceptable scores in the test of English as a foreign language.

Mature students

Saskatchewan students who apply at least one year after completing high school and have completed grade 12 or division IV with between 60% and 65% average may be admissible. Candidates at least 23 years of age and resident in Saskatchewan who cannot meet the normal requirements may be admissible under the adult or mature admission program.

Graduate

The requirements for admission to the college of graduate studies (Saskatoon) are as follows: 1) Applicant must hold a baccalaureate from a college or university of acceptable standing, and equivalent to the degree at this university that is required for admission to the proposed type of graduate work, or have training equivalent to that required for such a degree. An applicant with a general BA degree, obtained by three years of study following senior matriculation or four years of study following junior matriculation, is not eligible for admission. An applicant holding a four-year general baccalaureate degree of this university may be admitted to the college if he has had sufficient specialization in his chosen field to require less than a year of undergraduate classes to meet the required level of specialization. Information concerning additional training to meet the minimum conditions for admission may be obtained from the dean of graduate studies. 2) Applicant must show promise of ability to pursue satisfactorily advanced study and research, as judged by his previous scholastic records or otherwise. 3) Applicant should have adequate preparation to enter upon graduate study in his chosen field. Applicants who fail to meet this requirement but meet requirements 1) and 2) may still be admitted provided deficiencies can be rectified by taking some classes either prior to or in parallel with graduate classes. 4) Applicants from universities where English is not the regular language of instruction must provide proof that they have a sufficient knowledge of oral and written English to profit from graduate training in this university. For most applicants this means taking one of the recognized tests administered by an organization such as the educational testing service.

COURSES AND DEGREES

AGRICULTURE

College of agriculture

Bachelor of science in agriculture (BSA). Four years from senior matriculation. Specialization offered in agricultural chemistry, agricultural economics, agricultural mechanics, agricultural microbiology, animal science, biology, crop science, dairy and food sciences, economics, horticulture, plant ecology, poultry science, and soil science.

College of graduate studies

Master of science (MSc). At least one year from a bachelor's degree in agriculture. Specialization offered in agricultural economics, animal science, crop science, dairy science, horticulture, plant ecology, poultry science, and soil science.

Doctor of philosophy (PhD). At least two years from MSc. Ordinarily available in those branches of agriculture listed for MSc.

Postgraduate diploma course. At least one year from BSA degree.

ARTS

College of arts and science

Associate in arts (AA). One year from senior matriculation.

Bachelor of arts (BA). (a) General course, three years from senior matriculation. Areas of emphasis: humanities and social sciences. (b) Honors course, four years from senior matriculation. Available in anthropology, art, drama, economics, English, far eastern studies, French, geography, German, Greek, history, Latin, music, North American literature in English, philosophy, political science, psychology, Russian, sociology and Ukrainian. (c) Advanced level, four years from senior matriculation in areas listed above.

College of graduate studies

Master of arts (MA). At least two years from general BA or at least one year from honors BA. Available in anthropology, art, classics, drama, economics, English, far eastern studies, French, geography, German, history, philosophy, political science, psychology, Slavic studies, and sociology.

Doctor of philosophy (PhD). At least two years from MA. Available in economics, English, far eastern studies, geography, history, political science, psychology, and sociology.

Doctor of letters (DLitt). Research requirements and calibre of scholarly work in advance of those accepted for PhD.

Business, see commerce below

COMMERCE

College of commerce

Bachelor of commerce (BComm). (a) General course, four years from senior matriculation. Specialization possible in accounting, business administration (including administration and management of co-operatives), computational science and quantitative analysis, economics, finance, and marketing. (b) Honors course, at least four years from senior matriculation.

College of graduate studies

Master of science in commerce (MSc). At least one year from BComm.

Master of business administration (MBA). One year from BComm or two years from other degrees.

DENTISTRY

College of arts and science

Pre-dental. One year.

Doctor of dentistry (DMD). Five years following at least one year of pre-dental university education beyond senior matriculation. Fifth year will take the form of internship (unique in Canada).

EDUCATION

College of education

Bachelor of education (BEEd). Four years from senior matriculation or two years for students with a bachelor's degree and a teacher's certificate or three years for graduates of a teachers' college. Specialization offered in elementary school teaching, industrial arts education, secondary school teaching, and technical-vocational education.

College of graduate studies

Postgraduate diploma course in education and continuing education. At least one year from bachelor's degree.

Master of continuing education (MCEd). At least one year from an approved degree.

Master of education (MEEd). At least one year from BEEd degree.

ENGINEERING

College of engineering

Bachelor of science in engineering (BE). Four years from senior matriculation. Specialization offered in agricultural, chemical, civil, electrical, geological (including a geophysics option), mechanical and mining engineering, and engineering physics.

College of graduate studies

Postgraduate diploma. In some branches, at least one year from BE degree.

Master of science (MSc). At least two years from BE degree. Available in agricultural, biomedical, chemical, civil, control, electrical, geological, mechanical, and mining engineering, and engineering physics.

Doctor of philosophy (PhD). At least two years from MSc. Available in agricultural, chemical, civil, control, electrical, geological, and mechanical engineering, and engineering physics.

FINE ARTS

College of arts and science

Bachelor of fine arts (BFA). Four years from senior matriculation. Specialization offered in art education, art history, or studio art.

HOME ECONOMICS

College of home economics

Bachelor of science in home economics (BSHEc). Four years from senior matriculation. Specialization offered for teaching and extension work, food and nutrition, other fields.

LAW

College of law

Bachelor of laws (LLB). Three years from the second year of arts beyond senior matriculation.

Master of laws (LLM). At least one year from LLB degree.

MEDICINE

College of medicine

Diploma in physiotherapy. Two and one-half years from senior matriculation.

Bachelor of science in medicine [BSc(Med)]. At least one year from the second year of medicine.

Degree in medical laboratory technology BSc(MLT). Two years from one year in science.

Doctor of medicine (MD). Five years from one year of science beyond senior matriculation.

College of graduate studies

Master of science (MSc). At least one year from an MD degree. Available in anaesthesia, anatomy, biochemistry, biomedical engineering, cancer research, pathology, physiology and pharmacology, psychiatry, rehabilitation medicine, and surgery.

Doctor of philosophy (PhD). At least two years from an MSc degree. Ordinarily available in same departments as MSc.

MUSIC

College of arts and science and college of education

Bachelor of music and bachelor of music education (BMus and BMusEd). Four years from senior matriculation. BMus available in theory and composition, history and literature, performance; BMusEd in instrumental, choral, elementary and secondary high school.

NURSING

School of nursing, college of medicine

Diploma in public health nursing, diploma in nursing service administration, diploma in advanced psychiatric nursing. One year from diploma in nursing, with interval of at least one year's experience.

Bachelor of science in nursing (BSN). Four years from senior matriculation or three years from graduation from an approved school of nursing.

PHARMACY

College of pharmacy

Bachelor of science in pharmacy (BSP). Four years from senior matriculation. Specialization offered in retail pharmacy, hospital pharmacy, manufacturing, or preparation for graduate study in biochemistry, pharmaceuticals, pharmaceutical chemistry, pharmacognosy, physiology, pharmacology.

College of graduate studies

Master of science (MSc). At least one year from BSP. Available in biochemistry, pharmaceuticals, pharmaceutical chemistry, physiology, pharmacology, pharmacognosy.

PHYSICAL EDUCATION

College of physical education

Bachelor of science in physical education (BSPE). Four years from senior matriculation.

College of graduate studies

Master of arts or master of science (MSc). At least one year from BSPE or its equivalent.

Science, applied, see engineering above

SCIENCE, PURE

College of arts and science

Bachelor of science (BSc). (a) General course, three years from senior matriculation. (b) Honors course, four years from senior matriculation. Available in anatomy, bacteriology (microbiology), biochemistry, biology, biophysics, chemistry, computational science, geology, histology, mathematics, physics, physiology and pharmacology. (c) Advanced level, four years from senior matriculation in areas listed above.

College of graduate studies

Master of science (MSc). At least two years from general bachelor's degree in science or at least one year from honors bachelor's degree in science. Available in anatomy, bacteriology (microbiology), biochemistry, biology, chemistry, computational science, geology, mathematics, physics, physiology and pharmacology.

Doctor of philosophy (PhD). At least two years from MSc. Available in most departments as MSc.

Doctor of science (DSc). Research requirements and calibre of scholarly work in advance of those accepted for PhD. Only graduates of the University of Saskatchewan through examination or by admission ad eudem gradum are eligible.

THEOLOGY

Courses offered by affiliated colleges.

VETERINARY MEDICINE

College of veterinary medicine

Doctor of veterinary medicine (DVM). Four years from the second year of science beyond senior matriculation.

College of graduate studies

Diploma in diagnostic pathology. One year (12 months) beyond DVM degree.

Master of science (MSc). At least one year from DVM degree.

Doctor of philosophy (PhD). Minimum three-year course offered in anatomy, pathology, microbiology and physiology.

COMBINED COURSES

Combined courses in arts or science and certain professional fields enable a student to obtain two degrees in less time than if the two courses were taken separately.

EXTENSION PROGRAMS

For university credit

Correspondence courses — courses offered in a number of first-year arts subjects. Evening classes — limited number of undergraduate classes in arts, commerce, and education. Saturday morning off-campus classes — in arts and science and education offered during the winter at a limited number of centres. Summer school and intersession — courses are offered for undergraduates proceeding to a degree and for teachers who may wish to improve their professional qualifications, chiefly subjects in arts, commerce, science, and education; also a limited number in other areas, and a fee at the graduate level.

For no university credit

Pre-matriculation courses. Diploma in agriculture — two years.

SPECIAL PROGRAMS The college of education offers a four-year BEd degree program for teachers in Indian and northern communities. The college of arts and science offers a general three-year program in international studies.

RESEARCH INSTITUTES Institute for Child Guidance. Principal areas of speciality: (1) children with learning and related disabilities; (2) early childhood education. Educationally based, but interdisciplinary. A teaching facility with developing research in areas of psycholinguistic and perceptual aspects of communication.

Institute for Northern Studies. The two fundamental aims of the institute are research on problems of northern Canada and the training of personnel to work in that region. Institute of Pedology. Principal fields of research: basic soil surveys, classification and utilization of Saskatchewan soils; fundamental, physical, chemical, biological and mineralogical research. Studies of soil-water-nutrients-plant interrelationships.

Institute of Space and Atmospheric Studies. Research in consistency, photochemistry, morphology, particle flux, electric and magnetic fields, radio wave — plasma interaction of upper atmosphere

near the aurora. Study of telluric currents and micropulsations and dynamics of lower atmosphere.

Matador Project, International Biological Program. The Matador project is an integrated ecosystem study of grasslands. It is a Canadian contribution to the international biological program financed by the National Research Council, with the co-operation of the University of Saskatchewan. During 1969, 123 persons contributed 37 man-years of study to the interaction of soil-plants-animals-atmosphere in a natural system, with comparison of an artificial (wheat) system. The Matador project is the international centre for IBP grasslands studies.

Space Engineering Division. Instrumentation and launching of research rockets. Development and construction of rocket and satellite experiment on housekeeping equipment.

FEDERATED COLLEGE St. Thomas More College, Saskatoon, Saskatchewan. Principal: Rev. P.J.M. Swan, CSB, MA, PhD. Roman Catholic (Basilian). Co-educational. Established 1936. Undergraduate arts and science, Saskatoon, all courses leading to the BA and BSc degrees of the university. Serves as student centre for Roman Catholic students.

AFFILIATED COLLEGES College of Emmanuel and St. Chad, Saskatoon, Saskatchewan. Principal: Rev. J.D.F. Beattie, MA, BD, DD. Anglican. Co-educational. Emmanuel College established in 1879. St. Chad's College established 1907. In 1964 the two colleges amalgamated. Offers courses in theology leading to the testamur, the licentiate in theology, and the degree of bachelor of divinity (BD), which are awarded by the college. Teaches certain courses which may be offered for credit toward a BA degree of the university.

Lutheran Theological Seminary, Saskatoon, Saskatchewan. President: W.E. Hordern, BA, BD, STM, ThD, DD. Lutheran. Men only. Established in 1965, the faculty is successor to the Lutheran faculty of theology and the two institutions, Lutheran College and Seminary and Luther Theological Seminary. Offers courses in theology leading to graduation diploma and degree of bachelor of divinity (BD) which are awarded by the faculty. Teaches certain courses which may be offered for credit toward a BA degree of the university.

St. Andrew's College, Saskatoon, Saskatchewan. Dean: Rev. C.F. Johnston, MA, STM, ThD, DD. United Church. Co-educational. Established 1912. Offers courses in theology leading to degree of bachelor of divinity (BD), which is awarded by the college. Teaches certain courses which may be offered for credit toward a BA degree of the university.

St. Joseph's College, Yorkton, Saskatchewan. Ukrainian diocese of Saskatchewan. Brothers of the Christian Schools. Director: Brother Isadore. Junior college, offering evening classes in arts and science and in education. Also operates a high school.

St. Peter's College, Muenster, Saskatchewan. Rector: Rev. Vincent Morrison, OSB. Roman Catholic (Benedictine). Established 1926. Junior college, offering one year of university studies beyond senior matriculation in arts and science. Also operates a high school (grades 9 to 12).

UNIVERSITÉ DE SHERBROOKE*

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Prière d'adresser la correspondance d'ordre général au secrétaire général

DIRECTION Grand chancelier — S.E. Mgr Jean-Marie Fortier, Archevêque de Sherbrooke. Recteur — Mgr Roger Maltais, PD, LPh. Vice-recteur, affaires académiques — Normand LaRochelle, BA, BSc, MA, PhD. Vice-recteur, affaires administratives — Jean-Jacques St-Pierre, BA, LScCom, CA. Vice-recteur à la recherche — Jean-Marc Lalancette, BSc, MSc, PhD. Vice-recteur, disciplines de la santé — Gérald LaSalle, MD, DAH. Vice-recteur attaché au service du Conseil des universités et du ministère de l'Éducation — Louis-Paul Dugal, BA, LSc, MSc, PhD.

HISTORIQUE L'Université de Sherbrooke a été érigée civilement le 4 mai 1954 et fut érigée canoniquement par le décret de la sacrée congrégation des séminaires et des universités le 21 novembre 1957. Sa charte civile lui reconnaît tous les pouvoirs d'ordre universitaire. Issue du Séminaire de Sherbrooke, elle en est totalement séparée depuis 1960. À l'exception de sa faculté de médecine située sur le campus de l'est, au sein du centre hospitalier universitaire, l'Université de Sherbrooke occupe un vaste terrain de 850

acres aux limites sud-ouest de la ville de Sherbrooke. Une vaste cité universitaire s'y déploie maintenant selon les plans fonctionnels d'un urbaniste de renom. Près de 500 professeurs de carrière et chargés de cours dispensent l'enseignement dans les huit facultés existantes.

LES CONSEILS La direction de l'université est confiée à un Conseil d'administration dont les membres font partie de la corporation et qui a reçu, en vertu de la charte et sous l'autorité du chancelier, un mandat universel quant à toutes les décisions relatives à la gestion de l'université tant du point de vue matériel que du point de vue universitaire.

Dans les statuts qu'elle s'est donnés par la suite, l'université a prévu un conseil universitaire auquel doivent tout d'abord être soumises toutes les questions d'ordre universitaire, avant de recevoir la sanction finale du conseil d'administration.

Ces deux conseils sont formés de membres du personnel de l'université. Le conseil d'administration comprend onze membres dont cinq membres d'office, le recteur, trois vice-recteurs, le secrétaire général et six membres, dont deux étudiants, choisis par voie de consultation. Le conseil universitaire compte les cinq mêmes membres d'office, plus les huit doyens, le directeur des bibliothèques, le directeur général de la formation des maîtres, le directeur général de l'éducation permanente, deux professeurs désignés par l'Association des professeurs de l'université et deux étudiants désignés par la Fédération des étudiants, soit au total vingt membres.

PUBLICATIONS Annuaire général; annuaires de faculté; brochure "Renseignements généraux". L'annuaire général ainsi

*Membre ordinaire de l'AUCC.

que les annuaires de faculté font l'objet d'une diffusion contrôlée. On peut se procurer la brochure "Renseignements généraux" en s'adressant au bureau du registraire. On peut également se procurer le bulletin d'information de l'Université de Sherbrooke, "Liaison", en s'adressant au service des relations publiques.

ANNÉE UNIVERSITAIRE Session régulière: début de septembre, environ, à la mi-avril. Les étudiants des cours de génie (BScA), de la maîtrise en administration des affaires (MBA), du baccalauréat et de la maîtrise en service social participent à un programme coopératif, formé alternativement de stages pratiques et de sessions d'études à l'université. Chacun de ces stages est d'une durée de quatre mois. Il permet à l'étudiant d'ajouter à sa formation scolaire et scientifique un entraînement pratique plus poussé. Cours d'été: (deux sessions) mai-juin et juillet-août.

INSTALLATIONS ET SERVICES L'université peut offrir à ses étudiants les avantages d'une cité universitaire bien organisée avec tous les services requis: six pavillons d'enseignement avec laboratoires des mieux outillés, un centre social, une cafétéria, des résidences pouvant accueillir près de 1,500 étudiants et étudiantes et comportant des salles de jeux et de détente, une vaste bibliothèque générale climatisée d'une capacité de 300,000 volumes et trois bibliothèques particulières (droit, sciences et médecine), un auditorium de 1,600 places pour collation de grades et manifestations artistiques, un gymnase pour la pratique des sports intérieurs et des terrains d'athlétisme.

VIÉ ÉTUDIANTE La cité universitaire est le foyer de nombreuses activités contribuant à la culture ou à la détente des étudiants: concerts, conférences, théâtre, cinéma et autres. De plus, reconnaissant l'importance du secteur de la vie étudiante, l'université a voulu lui donner des cadres qui favorisent son développement. Ces cadres comprennent une commission consultative, une direction et les services suivants: orientation et counseling, logement, service des sports, service de santé, aide financière aux étudiants ainsi que la FEUS. Le service de logement tient à jour des listes de chambres et d'appartements disponibles, fournit les renseignements utiles sur ces logements, assiste les requérants pour se diriger aux endroits voulus et pour contacter les locateurs par téléphone ou autrement. À proximité des maisons d'étudiants, on trouve sur les campus des cafétérias où sont servis des repas complets à prix modique. Il existe également un restaurant où l'on peut prendre des repas plus copieux toujours à prix modéré et, dans les résidences, se trouvent des machines distributrices où l'on peut acheter divers articles de collation. Parmi les autres services commerciaux, on compte: une librairie, une banque, un coiffeur et un magasin co-op.

SYSTÈME DE MENTIONS L'université a adopté officiellement le système des cinq lettres- A: excellent; B: très bien; C: bien; D: passable; E: échec. Ce système qui est assorti d'un mode de contrôle par la moyenne cumulative, s'implante graduellement dans les facultés.

AIDE FINANCIÈRE ET BOURSES OFFERTES AUX ÉTUDIANTS On peut obtenir des informations à ce chapitre en adressant sa demande comme suit: a) pour les études du 1^{er} cycle — Service de l'aide financière à l'étudiant, Université de Sherbrooke; b) pour les études de 2^{ième} et 3^{ième} cycles — Service des bourses et subventions aux étudiants de 2^{ième} et 3^{ième} cycles, Université de Sherbrooke.

DROITS D'INSCRIPTION Faculté de médecine, \$708. Autres facultés, \$523, comprenant scolarité, sports, service de santé, fédération des étudiants (FEUS) et frais d'inscription. Étudiants à

temps partiel: \$20 du crédit.

Maison des étudiants, logement: \$33 par mois; repas, environ: \$2.50 par jour.

EXIGENCES D'ADMISSION

Étudiants canadiens

1. Exigence générale d'admission. Les candidats du Québec — le DEC (diplôme d'études collégiales) ou l'équivalent, dont le choix d'options répond aux profils d'entrée exigés par les différentes facultés. Pour les 2^e et 3^e cycles, détenir le grade préalablement requis. Pour l'admission au 1^{er} cycle, les candidats doivent soumettre, avant le 1^{er} mars, leur dossier complet au service de l'admission, bureau du registraire.

2. Candidats des autres provinces, des États-Unis et autres pays — les dossiers de ces candidats seront évalués en comparaison avec les conditions d'admission exigées pour les étudiants du Québec. Les candidats qui justifient du baccalauréat international sont admissibles.

3. Test d'admission à l'université — tests d'aptitudes spécifiques pour les candidats en psychologie et en droit.

4. Exigences particulières. Connaissance d'une langue seconde — étant donné que l'université est francophone, les cours se donnent en langue française, et les candidats doivent posséder une connaissance suffisante de cette langue pour l'admission à l'une ou l'autre des facultés.

1^{er}, 2^e et 3^e cycles — toute demande d'admission, à titre d'étudiant régulier, doit être présentée sur la formule officielle de demande d'admission (DA-1) et complétée par les pièces suivantes: a) extrait de naissance; b) certificat de vaccination anti-varioloque récent; c) trois photographies de format 1 1/2" x 2" portant au verso la signature du candidat; d) dossier scolaire officiel, complet et détaillé, en deux exemplaires, provenant de l'autorité qui a juridiction sur le diplôme présenté à l'appui de la demande d'admission et attesté par le sceau de celle-ci; e) un chèque visé ou un mandat de poste de \$15 (argent canadien) fait à l'ordre de l'Université de Sherbrooke. Ce montant, destiné à couvrir les frais d'ouverture du dossier, n'est pas remboursable.

Pour être admis à des études de deuxième et de troisième cycles, un étudiant doit, en plus de manifester de nettes aptitudes pour les études supérieures, détenir le grade préalablement requis ou l'équivalent.

COURS ET GRADES

ADMINISTRATION
Faculté d'administration

Baccalauréat en administration (BAdm). Trois années ou 90 crédits après le DEC ou l'équivalent. Spécialisation en comptabilité, finance, marketing ou gestion des ressources humaines.

Maîtrise en administration des affaires (MBA). Programme coopératif: quatre sessions d'études et trois stages pratiques après le baccalauréat ou un diplôme universitaire équivalent.

Maîtrise ès arts (MA). Un an après le baccalauréat en administration avec options en finance, marketing ou analyse de systèmes. Mémoire.

ARTS

Faculté des arts

Baccalauréat ès arts. a) Général; b) spécialisé ou avec sujet majeur dans les disciplines: anglais, économique, français, géographie, histoire et philosophie. Trois ans après le DEC ou l'équivalent.

Baccalauréat en service social (BServSoc). Programme coopératif: cinq sessions d'études et trois stages pratiques après le DEC ou l'équivalent.

Baccalauréat en psychologie (BPs). Trois ans après le DEC ou l'équivalent.

Maîtrise en psychologie (MPs). Un an après un premier diplôme universitaire dans la discipline ou l'équivalent. Mémoire.

Maîtrise en service social (MServSoc). Programme coopératif: de deux à six sessions ou plus, selon le titre d'admission, après le BServSoc ou le baccalauréat dans une autre discipline des sciences sociales.

Diplôme d'études spécialisées en service social (DiplEtSpécServSoc). Trois ans (sessions bloquées) après la MServSoc ou l'équivalent.

Maîtrise ès arts (MA). Un an après un premier diplôme universitaire dans les disciplines: économique, français, géographie, histoire, littérature canadienne comparée et philosophie. Mémoire.

Doctorat ès lettres (DèsL) (option français). Deux ans après la MA (ou l'équivalent). Connaissance approfondie d'une langue moderne. Thèse.

DROIT

Faculté de droit

Licence en droit (LLL). Trois ans après le DEC ou un diplôme équivalent.

GÉNIE

Faculté des sciences appliquées

Baccalauréat ès sciences appliquées (BScA), avec spécialisation en

génie chimique, civil, électrique ou mécanique. Programme coopératif: sept sessions d'études minimum et cinq stages pratiques après le DEC ou l'équivalent.

Maîtrise ès sciences appliquées (MScA), avec spécialisation en génie chimique, civil, électrique, mécanique, médical. Un an après le BScA. Mémoire.

Doctorat ès sciences appliquées (PhD), avec spécialisation en génie chimique, civil, électrique, mécanique. Deux ans après la MScA. Thèse.

Lettres, voir arts

MÉDECINE

Faculté de médecine

MD. Quatre ans après un DEC ou l'équivalent.

Maîtrise ès sciences (MSc). Un an après le BSc spécialisé ou l'équivalent (MD pour les sciences cliniques). Dans les disciplines: anatomie, biochimie, biologie cellulaire, biophysique, microbiologie, pathologie, pharmacologie, physiologie, sciences cliniques et science épidémiologique. Mémoire.

Doctorat (PhD). Deux ans après la MSc. Dans les disciplines: anatomie, biochimie, biologie cellulaire, biophysique, microbiologie, pathologie, pharmacologie, physiologie, sciences cliniques et science épidémiologique. Thèse.

NOTARIAT

Faculté de droit

Un an d'entraînement professionnel à la faculté après la LLL.

PÉDAGOGIE

Faculté des sciences de l'éducation

(1) Sciences de l'éducation

Baccalauréat ès sciences de l'éducation (BScEd). Trois ans après le DEC ou l'équivalent dans les disciplines: éducation physique, information scolaire et professionnelle, orthopédagogie et psycho-éducation.

Maîtrise ès sciences de l'éducation (MScEd). Un an après le BScEd, dans les options orthopédagogie et psycho-éducation. Mémoire.

Maîtrise en éducation option administration scolaire (MEdAdmScol). Trois à quatre ans à temps partiel après seize (16) années d'études. Formation pédagogique et titulaire d'un poste d'administrateur scolaire.

Maîtrise en information scolaire et professionnelle (MInfScol)

Prof). Six trimestres (temps partiel) après un premier diplôme universitaire dans la discipline ou l'équivalent. Expérience pertinente.

(2) Formation des maîtres

Licence d'enseignement élémentaire (Ld'ensél). Trois ans après le DEC ou l'équivalent, soit au premier cycle ou deuxième cycle de l'enseignement élémentaire.

Licence d'enseignement secondaire (Ld'enssec). Trois ans après le DEC ou l'équivalent dans les disciplines: anglais, français, géographie, histoire, biologie, chimie, mathématiques, physique, sciences religieuses.

CAPES (Certificat d'aptitudes pédagogiques à l'enseignement secondaire). Un an après un premier diplôme universitaire dans une discipline enseignée au niveau secondaire.

Sciences appliquées, voir génie

Sciences économiques, voir arts

SCIENCES PURES

Faculté des sciences

Baccalauréat ès sciences (BSc). Trois ans après le DEC ou l'équivalent avec spécialisation en mathématiques, physique, chimie ou biologie.

Maîtrise ès sciences (MSc). Un an après le BSc dans l'une des disciplines: mathématiques, physique, chimie, biologie, psychomathématiques, chimie instrumentale (deux stages et quatre mois de recherche). Mémoire.

Doctorat (PhD). Deux ans après la MSc (biologie, chimie, mathématiques, physique ou psychomathématiques). Thèse.

Sciences religieuses, voir théologie

THÉOLOGIE

Faculté de théologie

Baccalauréat en théologie (BTh). Trois ans après le DEC ou l'équivalent.

Maîtrise en théologie (MTh). Un an après le BTh. Dans les options: théologie, pastorale scolaire. Mémoire.

Maîtrise ès arts (MA). Un an ou 3 sessions après le BTh, dans l'option: sciences humaines de la religion. Mémoire.

Maîtrise en pastorale. Un an ou 3 sessions après le BTh, dans les options: pastorale scolaire ou pastorale fondamentale. Un stage.

ÉDUCATION PERMANENTE Cours réguliers à temps

partiel. Désireuse de répondre à une attente du monde adulte, et particulièrement des enseignants, l'Université de Sherbrooke offre à temps partiel la plupart de ses programmes réguliers dans les domaines des lettres, des sciences, des sciences de l'éducation et des sciences religieuses ainsi qu'un programme spécial conduisant à un diplôme en administration des affaires. En outre sont offerts, à compter de cette année, des programmes de certificats pouvant aussi, à certaines conditions, conduire à un grade universitaire.

On peut obtenir des informations complètes sur ces différents cours en s'adressant à la direction générale de l'éducation permanente.

PROGRAMMES SPÉCIAUX Prière de se référer à la rubrique "cours et grades".

INSTITUTS DE RECHERCHE Le Centre d'étude des littératures d'expression française (CELEF). Par la publication de thèses, de guides bibliographiques, de dossiers d'oeuvres de création d'écrivains francophones, le CELEF a comme objectifs d'étudier et d'encourager la création et la recherche, de faire connaître les auteurs, de recueillir et communiquer une documentation riche et variée sur les plans culturels et littéraires au sein de la francophonie. Directeur: Antoine Naaman, DèSL.

Le Centre d'études de la Renaissance. Le centre, qui est conçu comme un organisme interdisciplinaire, rassemble des professeurs qui ont des projets de recherche sur l'époque de la Renaissance et les étudiants, aux niveaux de la maîtrise et du doctorat, qui ont choisi cette période comme spécialisation. Depuis sa fondation, le centre a réussi à rassembler une solide documentation de base qui permet d'effectuer les recherches pour divers travaux en cours. Directeur: J. Martinez De Bujanda, D3^e cycle.

Le Centre de recherches en aménagement régional (CRAR). Il se veut un exemple concret non seulement de l'intégration de l'université dans son milieu mais de collaboration entre plusieurs disciplines. De création récente, ce centre se propose de contribuer au développement régional des Cantons de l'Est (sans pour cela exclure les études économiques qui se font tant au niveau provincial qu'au niveau fédéral) et pour ce, les directeurs des projets de recherches mettent en commun les subventions qui leur sont accordées. Directeur: Claude Greffard, BA, MSc(Conservation).

Le Centre de recherche en psychomathématique. Le Centre de recherche en psychomathématique a été le premier du genre à être formé au sein d'une université. Ce centre s'intéresse avant tout à l'étude de l'apprentissage des structures en général, et des structures mathématiques en particulier. Cette étude se fait sur trois plans: au niveau de la psychologie expérimentale, au niveau de la mathématique et à celui de la pédagogie. Le centre compte déjà plusieurs réalisations importantes. Directeur: Zoltan Dienes, PhD.

L'Institut de recherche et de perfectionnement en administration (IRPA). L'IRPA est un organisme de caractère départemental composé de professeurs de la faculté d'administration et constitué dans le but de diriger certains travaux de recherches commandités et d'offrir des cours de perfectionnement en administration. Directeur: poste vacant.

INSTITUTIONS AFFILIÉES Institutions affiliées à la faculté des arts:

Séminaire de Sherbrooke, c.p. 790, Sherbrooke (Qué.). Fondé en 1875. Recteur: Georges Cloutier, prêtre. Institution d'enseignement secondaire et collégial (pour garçons), dirigée par le clergé diocésain.

sain. Décerne le diplôme d'enseignement collégial. Programme d'enseignement général. Résidence.

École de musique Vincent-D'Indy, 200, chemin Bellingham, Outremont 153 (Qué.). Directrice: Soeur Stella Plante, snjm. Fondée 1932. Institution d'enseignement général, concentration: musique. Mixte. Dirigée par les Soeurs des Saints Noms de Jésus et de

Marie. Également divers cours de niveau universitaire en musique. Résidence pour filles.

Collège militaire royal de Saint-Jean, Saint-Jean (Qué.). Commandant: Colonel J.-P. Cadieux. Fondé en 1952. Bilingue. Pour hommes. Les études sont poursuivies à l'institution même, cependant à la suite d'une entente récente, les diplômes sont délivrés par l'Université de Sherbrooke.

SIMON FRASER UNIVERSITY*

Burnaby 2, British Columbia

Telephone: 604-291-3111

Cables and telegrams: Burmount

Telex: 04-53449

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – Kenneth Caple, BSA, MSA. President – Kenneth Strand, BA, MS, PhD. Vice-president (academic) – Brian Wilson, BSc, PhD. Vice-president (administration) – George Suart, BSc, BSc, MBA. Vice-president (development) – S.C. Robert, BSc.

GENERAL INFORMATION Simon Fraser University is provincial, non-denominational and co-educational. The university is governed by a board of governors and a senate.

BACKGROUND Simon Fraser University was established in 1963 by an act of the legislative assembly of British Columbia, following a report by Dr. J.B. Macdonald which cited the need for another university in the province. The university was planned to complement the existing universities – to provide additional facilities in the areas in which they are most urgently needed without necessary duplication of existing facilities. Two special features of

the university are the trimester system and lecture-tutorial method of instruction.

BOARD OF GOVERNORS The management, administration and control of the property, revenue, business and affairs of the university are vested in the board of governors, which consists of the chancellor, the president, and nine other members (three elected by senate from its own members, and six appointed by the lieutenant-governor-in-council, none of whom is a member of faculty). The board appoints all members of staff, academic and administration; provides for the establishment and maintenance of faculties, departments, courses of studies; determines and collects fees to be paid for instruction and all other activities.

SENATE The senate, which consists of thirty-eight members, provides for the government, management and carrying out of curriculum instruction and education offered by the university; determines admission requirements of students and promotion policies within courses of study; provides for and grants degrees; exercises disciplinary jurisdiction with respect to students in attendance at the university. Membership of senate includes nine ex-officio members consisting of the chancellor, president, vice-president (academic), deans of faculties and divisions, and the university librarian; three members each, elected by and from the faculty of arts, faculty of education and faculty of science; seven members elected by faculties jointly; four members appointed by order-in-council; six members elected by convocation; and three students elected by the student body.

INCOME Total income \$27,200,000 (provincial grant,

*Ordinary member, AUCC.

82.5%; student fees, 8.5%; gifts, grants and bequests, 1.0%; other, 8%).

PUBLICATIONS Undergraduate and graduate calendars are issued each spring to cover fall semester of current year and spring and summer semesters of following year. Undergraduate admissions bulletin, outlining admission procedure and listing university services for new applicants, available upon request. Student newspaper "The Peak" published weekly.

ACADEMIC YEAR Spring semester: January to April. Summer semester: May to August. Fall semester: September to December.

BUILDINGS AND GROUNDS The university is situated on a 1,200-acre site atop Burnaby Mountain about 9 miles east of the centre of Vancouver (population of greater Vancouver 1,071,081). Buildings now in operation include the academic quadrangle, the library, the science complex, classroom complex, administration building, Student Centre 1 building, the gymnasium, and the theatre. The library currently has a collection of 450,000 monographs, over 16,000 serials and 305,000 microform items. The audio-visual centre provides services in the areas of resources, technical services, and graphics.

Student services include an academic advice centre, a health service, a counselling service, chaplains, cafeterias, athletic and recreational facilities, and an employment service including a Canada Manpower Centre.

STUDENT RESIDENCES Madge Hogarth house provides single-room accommodation for 65 women while Shell house accommodates 160 men in 20 double and 120 single rooms. The married students' residence has 62 two-bedroom and 148 one-bedroom suites. In addition, the university has a listing service for various types of accommodation within commuting distance.

LIBRARY The library currently has a collection of 450,000 monographs, over 16,000 serials and 305,000 microform items. Special arrangements exist for graduate students and faculty members to make use of the one-million-volume library at The University of British Columbia.

STUDENT LIFE The university offers a large variety of activities and services for students such as intercollegiate sports, intramural activities, and several sport and recreational clubs. The Centre for Communications and the Arts includes dance, contemporary techniques and workshops; workshops in film techniques and advanced film production, and workshops for training in video production and experimental techniques. Music includes a choir, Madrigal Singers, workshops in electronic music, multidisciplinary seminars; technical instruction in all aspects of the theatre is available. Performing groups include the Mime Troup and SFU Theatre Company. Throughout the year there are exhibits, lectures, films, workshops in drawing, painting and photography, and programs by resident, visiting and student artists. Special workshops with visiting artists are arranged. Closed-circuit radio CKSF is located on campus, and is sponsored by the Student Society. Campus services include banking facilities, bookstores and food services. A new university centre building opened in 1972.

UNIVERSITY BOOKSTORE University store on campus supplies text, reference and technical books, stationery, etc.

STUDENT SOCIETY The Student Society is represented by a 13-member council responsible to the general student assembly.

Students are represented on the university senate by three elected members.

GRADING SYSTEM A, B, C, and D: passing grades; F: failure; N: did not write; DEF: deferred examination granted.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Undergraduate — all scholarships, bursaries and awards are made on the recommendation of the senate committee on scholarships, awards and bursaries and administered by the university financial aid officer. Eligibility for scholarship — applicant must normally be registered in a program of 15 semester hours or more, with high academic standing in previous work. Eligibility for bursary — applicant must be registered in a program of 12 semester hours or more with a satisfactory academic standing. Eligibility for university awards — applicant must have good academic standing and have made substantial contributions to university, high school, and/or community life. Eligibility for athletic awards — based on good academic records and excellence in athletic activity. Loans — Canada student loans plan, PEO Sisterhood education loan fund, student emergency loan fund.

Graduate: scholarships awarded by this university, scholarships and fellowships awarded by other institutions and associations, graduate assistantships (teaching and research) available; details from financial aid officer. Canada student loans plan also available for eligible applicants.

FINAL EXAMINATIONS Final examinations for only those courses that require them will normally be held during the last two weeks of the semester.

GRADUATION Degrees are conferred once a year at the annual convocation ceremony in May.

FEES AND COSTS Undergraduates — registered for 12 or more semester hours of credit, \$214 per semester; registered for 11 or less semester hours of credit, \$15 per semester hour. Graduates — MA, MA(Ed), MSc(Ed), MSc, MSc (kinesiology) and PhD following an MA or MSc from another university, \$400 total for first three semesters, and \$20 for each subsequent semester on campus; PhD after obtaining from Simon Fraser University an MA or MSc, \$190 for first semester, and \$20 for each subsequent semester on campus. For all students: \$11 maximum student activity fee per semester. Residence (per month): \$52.25 to \$56.75 for men, \$51.50 for women. Apartments (including all utilities): one and two bedrooms, \$106 to \$131 per month.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. British Columbia students. A 2.0 (60%) average is required on the applicant's most recently completed year of academic work — grade XII academic-technical program (graduation required, average calculated over English 12 and two other examinable subjects), grade XIII, or regional college. Credit given for grade XIII and specified regional college courses. Note: special provisions exist for entry after grade XI, for entry in May after the grade XII Easter examinations, and for mature students (over 25 years of age). Enquiries to the registrar.

2. Other Canadian students. Completion of the highest level of high school in the province concerned is required, with an average

of at least 65%. No students are admitted from grade XI. Applicants from Quebec must have graduated from an acceptable program at a CEGEP. Applicants from Newfoundland must complete one full year at Memorial University. Credit may be given for grade XIII and for second-year CEGEP. Credit is given on a course by course basis for subjects comparable to those taught at Simon Fraser.

3. Tests for admission. SACU or CEEB scores are recommended.

Foreign students

Standing equivalent to normal requirements for Canadian students. Applicants who have not completed the highest level of high school in their own country will not be admitted. UK and Commonwealth – GCE in five subjects with at least three at A level, minimum average D (or 4) on A-level subjects, or equivalent. USA – grade 12 high school academic graduation and 30 semester hours (45 quarter hours) credits in acceptable subjects in first year at an accredited university or college with an average of 2.4 or higher, or very high level of performance at high school, CEEB scores recommended. France – baccalauréat (deuxième partie). Germany and Austria – reifezeugnis. Applicants submitting the international baccalaureate will be considered for admission. Students whose mother tongue is not English must provide evidence of a sufficient knowledge of English to pursue university studies successfully; satisfactory scores (550 or better) on the test of English as a foreign language are acceptable evidence.

Graduate

For admission to graduate studies, a student must normally have obtained a bachelor's degree with high second-class standing or its equivalent. Applications and enquiries should be directed to the chairman of the department concerned.

COURSES AND DEGREES

Since Simon Fraser University operates on a trimester system; programs specify the number of semesters (each 16 weeks long) rather than the number of years.

ARTS

Faculty of arts

Bachelor of arts (BA). (a) General degree, a minimum of 120 semester hours, usually taking eight semesters; (b) honors degree, a minimum of 132 semester hours, usually taking eight semesters. Available in anthropology, archeology, commerce, economics, English, French, geography, German, history, philosophy, political science, psychology, Russian, sociology, and Spanish.

Master of arts (MA). Minimum of 30 semester hours with bachelor's degree with high second-class standing or equivalent. Available in anthropology, economics, English, French linguistics, geography, German linguistics, history, linguistics (general, applied,

area, and contrastive), philosophy, political science, psychology, Russian linguistics, sociology, and Spanish linguistics.

Doctor of philosophy (PhD). Number of courses and semester hours vary subject to the department. Available in anthropology, economics, French linguistics, geography, German linguistics, history, linguistics (general, applied, area, and contrastive), political science, psychology, Russian linguistics, sociology, and Spanish linguistics.

BUSINESS ADMINISTRATION

Faculty of arts

Master of business administration (MBA). A six-semester program in commerce, involving 10 courses and a research project. (Evening program: see extension programs.)

EDUCATION

Faculty of education

Bachelor of education (BEd). (a) General degree: a minimum of 150 semester hours usually taking 10 semesters, including the three-semester professional development program. (b) Honors degree: a minimum of 162 semester hours usually taking ten semesters, including the professional development program. Available in all fields of study offered by the faculties of arts and science as specified by the faculty of education. Minor specialization required in programs offered by the faculty of education.

Master of arts (education) [MA(Education)] and master of science (education) [MSc(Education)]. Minimum of three semesters (30 semester hours) with BA or BSc degree with high second-class standing or equivalent, or BEd; additional requirements dependent upon special admission requirements of department in which applicant wishes to pursue studies.

GENERAL STUDIES PROGRAM

Bachelor of general studies (BGS). A non-specialist degree program in the faculties of arts, science, and education. Students are not required to specialize in any subject but must complete a minimum of 15 semester hours in each of the general areas of humanities, social sciences, and natural sciences. A minimum of 120 semester hours is required, usually taking eight semesters. Minor specialization in Canadian studies, Latin American studies, and African/Middle East studies can be undertaken for credit toward any of the undergraduate degree programs.

KINESIOLOGY – INTERDISCIPLINARY STUDIES

Interdisciplinary program offered by the department of kinesiology

Bachelor of science (kinesiology) [BSc(Kinesiology)]. A general and an honors degree are available; requirements are as for the BSc.

Master of science (kinesiology) [MSc(Kinesiology)]. Minimum of

18 semester hours of courses plus a thesis with a bachelor's degree with major in biology, pre-medicine, physical education, kinesiology or allied areas, with a high second-class standing including at least 24 semester hours of appropriate undergraduate science preparation.

SCIENCE

Faculty of science

Bachelor of science (BSc). (a) General degree: a minimum of 120 semester hours, usually taking eight semesters; (b) honors degree: a minimum of 132 semester hours, usually taking eight semesters. Available in biochemistry, biological sciences, chemical physics, chemistry, mathematics, and physics.

Master of science (MSc). Requires bachelor's degree with high second-class standing or equivalent. Number of courses and semester hours vary, depending on department. Available in biological sciences, chemistry, mathematics, and physics.

Doctor of philosophy (PhD). Number of courses and semester

hours vary, depending on department. Available in all departments listed for MSc.

EXTENSION PROGRAMS

Summer session – eight-week program (maximum credit 10 semester hours) directed toward completion of degree requirements or up-grading of teaching certificates for teachers, or graduates of the professional development program at Simon Fraser University. **Evening classes** – opportunities for students to complete certain graduate degree requirements while employed full-time. Applicants must normally have an undergraduate degree with at least good, second-class standing.

An expanded program of extension studies, including both credit and non-credit course offerings, is currently under development.

RESEARCH INSTITUTE Pestology Centre, biological sciences department; research and professional training in the principles and practice of pest management. The centre has a faculty of 12.

SIR GEORGE WILLIAMS UNIVERSITY*

1455 de Maisonneuve Boulevard West, Montreal 107, Quebec

Telephone: 514-879-5995

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — C.F. Carsley, BA. Principal — John O'Brien, MA, PhD. Vice-principal (academic) — Jack Bordan, BEng, MSc(Eng), MEIC. Vice-principal (administration and finance) — John Smola, BCom, BA, MA, PhD.

GENERAL INFORMATION The university is a co-educational, non-denominational institution.

BACKGROUND Sir George Williams University was developed from the formal educational work of the Montreal YMCA inaugurated in 1873. The first classes at the university level were offered in 1929 in the evening division, and day courses in arts, science, and commerce were inaugurated in 1932. The members of the first class graduated in 1936 and by 1969 some 12,811 degrees had been presented.

In March 1948, the university was granted a specific charter by the provincial legislature, establishing it a body corporate and politic, for the purpose of conducting a college or university in the province of Quebec.

*Ordinary member, AUCC.

UNIVERSITY GOVERNMENT The university charter is held by the corporation of Sir George Williams University, which exercises ultimate financial control of the university. Appointments and policy and actual financial management are the responsibility of the board of governors, made up of 30 members representing the community, administrators, faculty, students' associations and alumni. The academic policy and program are the responsibility of the 26-member university council, which is made up of all faculty deans, senior officers of administration and members elected from the rank of full professors. Students are represented on the board of governors, each faculty council, and the university council. The university council is responsible to the board of governors. Each of the four faculties is headed by a dean, under the general supervision of the academic vice-principal of the university.

INCOME (1971) Total — \$17,486,907 (tuition fees, 30.67%; province of Quebec operating grants, 51.14%; miscellaneous, 3.59%; scholarships and assisted research grants, 2.71%; schools — tuition fees and donations, 2.23%; auxiliary services, 8.88%; other, .78%).

PUBLICATIONS Collegial program; undergraduate announcement; graduate studies announcement; brochures for the special summer sessions — day division; information on admission for foreign students (may be obtained from registrar); student handbook (dean of student's office); the paper; the Georgian; commerce perspective; issues and events.

ACADEMIC YEAR Winter session: mid-September to end of April. Summer session: late May to end of July (evening division);

six-week sessions scheduled during period early June to end of July (day division).

BUILDINGS AND GROUNDS Sir George Williams University is a university without a campus. Located in central Montreal, the university is housed in two large buildings. The newer building, opened in 1966, houses engineering and science libraries; 57 class and seminar rooms; 10 auditoria; faculty offices; 84 laboratories for natural sciences and engineering; psychology, sociology and language laboratories; computer terminals; a theatre; a cafeteria; a student activities centre; art galleries, etc. The older building houses the main libraries (350,000 volumes; 32,000 periodicals), the faculty of commerce and administration, 14 classrooms and administration offices.

The university also owns a number of domestic houses located in the vicinity of the main building. After renovation, these houses are used to provide additional faculty offices and for special departments and programs. The computer centre is located in nearby rented quarters.

STUDENT RESIDENCES As there are no residence facilities at the university, the office of the dean of students maintains an off-campus housing registry for students seeking accommodations.

LIBRARIES The university library collection contains some 350,000 books, periodicals, microforms and audio-visual materials, and is growing at a rate of about 50,000 items a year. Besides the main library there is a science and engineering library.

STUDENT LIFE A wide variety of extracurricular activities is available to students. These activities vary from clubs for students with cultural, social or political interests to a wide range of athletics activities. A co-curricular fund has been established by U.C.S.L. and a committee will be established to review applications for funds. The university is a member of the Quebec Universities Athletics Association and offers the student an extensive competitive athletics program. An extensive intramural and recreational program is offered by the athletics department for day and evening students.

The Students' Association, the Evening Students' Association and the Graduate Students' Association offer the student the opportunity of participating in student government. The opportunity for training and development in radio, TV, and the newspaper field is available through the various student-run media. A feature of student life at Sir George is the University Council on Student Life. The council reports to the principal and its membership is drawn from various sectors of the university with a majority of student members. The U.C.S.L. recommends policies in major areas of student life. The council also budgets for the special programs and activities.

MEDICAL SERVICES Student health and accident insurance — this plan is a health and accident policy for the benefit of day students. This group insurance plan is offered on a voluntary basis for students from Quebec and other provinces, and the cost is \$12 per student who is eligible for provincial or federal hospital and medical coverage. Overseas students must have the compulsory insurance coverage as required by the university. The university health centre is staffed with registered nurses, Monday through Friday. The centre can refer students to various specialists and is equipped to give treatment on a first-aid basis for minor injuries and handle emergencies as they arise.

STUDENT COUNSELLING AND PLACEMENT SERVICES The following services are available to students. Counselling — personal, educational, vocational, individual appointments, group programs. Guidance information — collegial, undergraduate, graduate education and career planning information and assistance. Reading and learning skills — effective reading courses, learning skills sessions. Student placement — job placement and career counselling, full-time, part-time, temporary, collegial, undergraduate and graduate. Legal aid — this service is of an advisory nature; it does not cover the costs of any legal fees that may be incurred. This service is based on a number of alumni lawyers who generously offer their services to students in need of legal advice. Chaplains — the chaplains at Sir George Williams University are appointed and supported financially by their various denominations (Anglican, Jewish, Lutheran, Orthodox, Roman Catholic and United). Some are part-time, others full-time, but all of them are concerned with the needs and interests of the students.

UNIVERSITY BOOKSTORE Books and supplies, including art materials, may be bought at the university bookstore.

STUDENT UNION The various clubs and student-run activities as well as student faculty associations are grouped under the Students' Association, of which officers are elected by the full-time collegial-level and undergraduate students. In addition, there is an evening students' association.

GRADUATE STUDENT ASSOCIATION The Graduate Students' Association comprises all students registered for a program of graduate studies at the university. The association exists to provide an outlet for expression of the needs and interests of graduate students. A fee is collected from all registered graduate students at the time of registration. The officers of the G.S.A. are a president, a vice-president and a secretary-treasurer. Elections for these positions are held annually.

GRADING SYSTEM Undergraduate level — passing grades: A — excellent; B — very good; C — acceptable; D — marginal. Failing grades: F, absent, incomplete, repeat.

Graduate level — grades designated for use in reporting graduate courses are honors, satisfactory, unsatisfactory, audit, in progress, or late.

STUDENT AWARDS AND FINANCIAL ASSISTANCE There are a limited number of university bursaries available to students. Application forms must be submitted prior to June 30. These awards are based on financial need plus academic standing. In addition, government assistance is available through the student aid service, Department of Education, Province of Quebec. Application deadline — September 30. The office of the dean of students operates a small "emergency loan fund"; maximum amount to any one student is \$200 repayable within 90 days.

FINAL EXAMINATIONS Final examinations are usually held in April. Supplemental examinations: a) a failed student may not write supplemental exams; b) a student may not write a supplemental in a repeated course; c) if a student is granted permission to write a supplemental, absence from the examination is counted as a failure and recorded as an "R" grade; d) medical reasons (certified by a physician) constitutes a valid excuse for exemption from most of the regulations concerning supplemental examinations; e) supplemental examinations in courses taken during the regular session must be written during the following July;

courses taken during the summer session must be written the following December.

GRADUATION Commencement exercises are held twice each year, in June and November. Degrees are awarded by the principal.

FEES AND COSTS Annually for tuition: day division – collegial studies, \$375; arts and commerce, \$450; fine arts and science, \$475; engineering, \$525; plus \$40 laboratory fee for each course involving laboratory work, and \$61 student activities and services fee; evening division – \$90 for each 8-month subject, \$45 for each 4-month subject, plus \$40 laboratory fee for each course involving laboratory work and student activities and services fee – undergraduate student \$8, partial student \$14.

Graduate fee: MA in art education, education, economics, English, history, psychology, religion, PhD, DEng, MSc in biology, chemistry and physics, \$400 full-time, \$250 half-time. MBA \$65 per half-course – maximum \$650 per academic year, full-time; MEng \$50 per half-course – maximum fee per graduate course work and dissertation \$700; MTM \$100 per course.

ADMISSION REQUIREMENTS Note: the complete undergraduate degree program in Quebec now consists of two collegial years (or equivalent) starting after junior matriculation followed by three university years.

Canadian students – undergraduate

1. In common with all other English-language Quebec universities as per agreement with the Quebec government, SGWU is phasing out its collegial program commencing after September 1972. No collegial 1 year will be offered after the 1972-73 academic year. To second collegial year – principal's confidential report with high school record; full senior matriculation, as well as junior matriculation as required for first collegial year from any province. It is expected that the second collegial year will not be offered at the university after the 1973-74 academic year. Students who have successfully completed two collegial years or equivalent are entitled to proceed into the first year of the three-year university degree programs. Students who complete an equivalent program elsewhere also may be admissible into the first year of the three-year degree programs.

2. Tests for admission. SACU or SAT scores are required.

3. Specific requirements. Admission from a senior matriculation program requires a minimum average of 60% in five appropriate academic subjects.

Foreign students

To second collegial year – SAT aptitude and achievement tests; principal's confidential report with complete high school record; students whose first language is not English must write the test of English as a foreign language. UK – GCE five O-level papers which meet faculty requirements, plus two suitable A-level papers (three appropriate A-level papers could enable a student to enter first year of a three-year university degree program). Applicants submitting the international baccalaureate will be considered for admission.

Mature students

The mature student qualifying program is designed to enable students who are 21 or older to prepare themselves for entry into the new post CEGEP undergraduate program. This program is offered in the evening division only. Application forms are available from the office of admissions.

COURSES AND DEGREES

Collegial program

As a contribution to the establishment of the new structure of higher education in the province of Quebec, pending the creation of the new general and vocational colleges, the university is offering, during this period of transition, a two-year collegial program. Entry is from grade XI, and successful completion of the two-year program will admit the students to the new three-year undergraduate curriculum which came into effect in 1971.

Courses in the collegial program are of the same standard as those offered in the first year, and in several cases, the second year of the former four-year undergraduate curriculum. The emphasis, however, is on breadth, and premature specialization is avoided.

As the collegial program is not operational for evening studies at this time the length of the university course, from junior matriculation, continues to be equivalent to four years BA, BA honors, BFA, BSc honors, BCom, BCom honors. Five years – BEng.

ARTS

Faculty of arts

Bachelor of arts (BA, BA honors). Three years from collegial level (see above). Areas of emphasis: applied social science, art history, Asian studies, Canadian politics, Canadian studies, comparative political studies, early childhood education, economics, education, English, fine arts, French, geography, German, Greek, Hebrew, history, humanities of science, international affairs, Italian, Judaic studies, Latin, linguistics, mathematics, moving pictures, music, philosophy, political philosophy, political science, psychology, religion, Russian studies, social psychology, social welfare, sociology, Spanish, theatre arts, visual arts, and combinations of these. Honors courses are available in economics, English, French, geography, history, mathematics, philosophy, political science, psychology, religion, Russian studies, social psychology, sociology, statistics, and urban studies.

Bachelor of fine arts (BFA). Three years from collegial level (see above). Areas of emphasis: art education, art history, design, drama, graphics, painting, sculpture, visual arts and theatre arts.

Master of arts (MA). One year from honors BA, BFA. Areas of study: art education, economics, educational technology, English literature, history, philosophy, psychology, religion, and sociology and anthropology.

Doctor of philosophy (PhD). Available in economics and history.

Business, see commerce below

COMMERCE

Faculty of commerce and administration

Bachelor of commerce (BCom, BCom honors). Three years from collegial level (see above). Areas of emphasis: accounting, economics, finance, general business, management, marketing, and quantitative methods.

Master of business administration (MBA). Two years from a bachelor's degree in any field.

ENGINEERING

Faculty of engineering

Certificate in engineering. Three years from junior matriculation, evening division only.

Bachelor of engineering (BEng). Four years from collegial level (see above), however, it is expected that 20% of the students will be able to complete an accelerated program in three years. Specialization in civil, electrical, and mechanical engineering.

Master of engineering (MEng). Two years from a bachelor's degree in engineering, or equivalent, and must be currently employed in engineering.

Doctor of engineering (DEng). At least two calendar years of full-time graduate study beyond the master's degree, or three calendar years of full-time graduate study beyond the bachelor's degree. At least two years must be spent in full-time residence; available in research areas of structures, fluid controls, networks and systems.

Science, applied, see engineering above

SCIENCE, PURE

Faculty of science

Bachelor of science (BSc, BSc honors). Three years from collegial level (see above). Areas of emphasis: biochemistry, biological sciences, chemistry, geology, mathematics, optimization, physics, psychology, and statistics. Honors courses available in cell and molecular biology, chemistry, ecology, mathematics, physics, physiology and developmental biology, psychology, and statistics.

Master of science (MSc). One year from honors BSc. Areas of study: biological sciences, chemistry, physics and teaching of mathematics (MTM).

Doctor of philosophy (PhD). At least two calendar years of full-time graduate study beyond the master's degree, or three calendar years beyond the bachelor's degree available in biological science, chemistry, and physics.

EXTENSION PROGRAMS

For university credit

Evening classes — undergraduate classes in arts, science, commerce, and engineering. All of the courses which are offered in the day division of the university are also available to students who may obtain the necessary credits to complete the requirements for the degree of the university through evening studies. Most graduate degrees may be pursued in evening classes.

Summer school — evening courses are offered for undergraduates during the summer in all fields except engineering. Graduate level courses are offered in engineering and in other areas. The university also conducts summer day programs in applied social science; education; English; English as a second language; French; geography; history; philosophy; religion; and sociology.

Continuing education — undergraduate classes in arts and science held at high schools in and around the Montreal region.

For no university credit

Diploma course in advanced real estate — a three-year part-time evening program given in conjunction with the Corporation of Real Estate Brokers of the province of Quebec, as its authorized English component. Executive development seminars — a series of seminars enabling business personnel to keep abreast of current developments in the field, as part of the continuing education program.

SPECIAL PROGRAMS Centre for Human Relations and Community Studies; computer centre.

RESEARCH INSTITUTES SGWU houses or takes part in five specialized institutes.

Le Centre d'étude du Québec is housed at SGWU. Its staff is working at present on a reconstruction of the debates of the legislative assembly of the united Canadas, 1841-67.

Le Centre de recherches en histoire économique du Canada français is sponsored jointly with the École des hautes études commerciales. It has accumulated one of the most important collections of documents on the economic and social history of French Canada, and has published several volumes.

The Canadian International Centre of Research and Information on Public and Co-operative Economy was established by the department of economics in conjunction with the Conseil de la coopération du Québec and the Co-operative Union of Canada. Courses on the theory and practice of co-operation are given by the department in both English and French. The centre organizes seminars recently on labor relations in the quasi-public sector — and publishes the Canadian CIRIEC review.

The Centre of Human Relations and Community Studies is a research, consultation, and training service of the department of applied social science, functioning on an interdisciplinary basis. In seven years of operation it has worked with 50 clients — professional groups and organizations, industry and government — from British Columbia to Newfoundland.

The International Institute of Quantitative Economics was established jointly with the École des hautes études commerciales. Its

main objective is to initiate and carry out quantitative research projects in the field of applied economics, particularly those that

have a bearing on the problems of developing countries. Chairman of its international council of advisors is Professor Jan Tinbergen, Nobel prize winner from the Netherlands school of economics.

UNIVERSITY OF TORONTO*

Toronto 181, Ontario

Telephone: 416-928-2011

Direct general correspondence to the vice-president and provost

PRINCIPAL OFFICERS Chancellor – D.W. McGibbon (Mrs.), BA, LL.D. President – J.R. Evans, MD, DPhil, LL.D, FRCP(C). Vice-president and provost – D.F. Forster, BA, AM. Vice-provost (research administration) – S. Dymond (Miss), BA, QC. Vice-provosts – J.D. Hamilton, MD, FRCP(C); P.P.M. Meincke, BSc, MA, PhD; R. Ross, MBE, MA. Vice-president (business affairs) – A.G. Rankin, BCom, FCA. Vice-president (institutional relations and planning) – J.H. Sword, MA, LL.D. Vice-president (internal affairs) – J.K. Conway (Mrs.), BA, PhD.

GENERAL INFORMATION The University of Toronto is the provincial university of Ontario. It is co-educational and, except through its three federated universities, non-denominational federation is confined to the faculty of arts and science. The overall administration of the university rests in a governing council and an academic affairs committee directs academic policy.

BACKGROUND The University of Toronto was founded in 1827 by royal charter as King's College at York, the state university of the province of Upper Canada, in close connection with the Church of England. It was not until 1843 that the work of instruction began at King's College. The first degrees were granted in

1844. In 1849 King's College was secularized, removed entirely from its connection with the Church of England, and its name changed to the University of Toronto. The Church of England in 1851 founded its own University of Trinity College. Some other denominations had already established colleges; Victoria had been founded by the Methodists in 1841. In 1852 the Basilian order established St. Michael's College.

In 1853 a further change was made in the University of Toronto through the creation of University College to which was given the entire work of instruction, the university itself becoming merely a legislative and examining body. In the early eighties representatives of the other colleges entered into negotiations for a scheme of federation, which was embodied in an act of the Ontario legislature in 1887. In 1905 the Ontario government appointed a commission to investigate and recommend action in regard to the university. The University of Toronto Act of 1906 laid the foundation of the present constitution of the university. The present authority is that given by the University of Toronto Act 1947 (as amended up to 1964).

For the last two years the entire governmental structure of the university has been under careful examination. The initial examination was conducted by the Commission on the Government of the University of Toronto and resulted in the fall of 1969 in the release of a report entitled "Toward community in university government". The report contains proposals for wide-ranging changes in the governing structure of the university. These changes were recently discussed by the entire university community.

*Ordinary member, AUCC.

GOVERNING COUNCIL The overall administration of the university rests in the Governing Council which appoints the president, controls the finances, administers the property and buildings. It makes all appointments (on the nomination of the president) to positions on the staff of the university and all constituent colleges of the university.

The governing council is composed of the chancellor and the president, who are ex-officio members; two members appointed by the president from among the officers of the university, its federated universities, federated colleges and affiliated colleges; sixteen members, none of whom are students, members of the administrative staff or members of the teaching staff, appointed by the lieutenant-governor-in-council; twelve members elected by the teaching staff from among the teaching staff; eight members, four of whom are elected by and from among the full-time undergraduate students, two of whom are elected by and from among the graduate students, and two of whom are elected by and from among the part-time undergraduate students; two members elected by the administrative staff from among the administrative staff; and eight members who are not students or members of the teaching staff or the administrative staff elected by the alumni from among the alumni.

ACADEMIC AFFAIRS COMMITTEE The Academic Affairs Committee, a sub-group of the governing council, directs the academic policy of the university. Other bodies which play a prominent part in the government of the university are the Caput and the councils of the faculties and schools of the university. The Caput has a general oversight over discipline, and supplements the authority of individual divisions of the university where the university as a whole is concerned. The councils deal with academic questions under the general supervision of the senate.

INCOME (1971) Total operating income — \$98,065,000 (student fees, 12.4%; government grants for operations, 81.7%; other, 5.9%).

PUBLICATIONS The following schools, faculties, colleges, and institutes publish calendars. Undergraduate: faculty of arts and science; faculty of applied science and engineering; faculty of architecture, urban and regional planning and landscape architecture; faculty of dentistry; division of dental hygiene; college of education; division of university extension; faculty of food sciences; faculty of forestry; faculty of law; faculty of medicine; division of rehabilitation medicine; faculty of music; faculty of nursing; faculty of pharmacy; school of physical and health education.

Graduate: faculty of management studies; institute of child study; postgraduate dental education; school of hygiene; faculty of library science; faculty of social work; school of graduate studies.

Brochures — undergraduate admission handbook (to be obtained from the office of admissions); admission awards (to be obtained from the office of student awards).

Colleges — Emmanuel College; Erindale College; Innis College; Knox College; Massey College; New College; St. Michael's College; Scarborough College; Trinity College; University College; Victoria College; Wycliffe College.

ACADEMIC YEAR Winter session: mid-September to early May. Summer day session: early July to mid-August. Summer evening session: early May to end of July. Convocation: June and December.

BUILDINGS AND GROUNDS Geographically, the university is in the heart of Toronto (population 2,050,000). Four of the city's principal north-south arteries bound or cut through university properties. Queen's Park is ringed by university buildings. The park itself, including the land on which the Ontario parliament buildings stand, belongs to the university. Elsewhere are many other university properties including the faculty of dentistry building in the hospital district, one-time country estates on the city's periphery, the university forest of 20,000 acres far to the north of the city, the university survey camp, and the David Dunlap Observatory.

Special research facilities include the Banting Institute and the Charles H. Best Institute for teaching, clinical investigation and medical research; the Connaught Medical Research Laboratories for research in preventive medicine and related fields; the David Dunlap Observatory for research in astronomy; the Institute for Aerospace Studies for conducting research in the mechanisms of gases and plasmas, design and analysis of flight structures, etc.; the Institute of Computer Science which maintains an IBM 7094 (Mod. II) computer facility and systems 360/65 and 360/50 for research in numerical analysis, programming theory, computing, and data processing; the Institute of Environmental Sciences and Engineering for a multidisciplinary approach to environmental studies; the Wallberg memorial building for chemistry and chemical engineering for research in nuclear engineering.

Other interdisciplinary research units include the Centre of Criminology, the Centre for Culture and Technology, the Centre for Industrial Relations, the Centre for Linguistic Studies, the Centre for Medieval Studies, the Centre for Renaissance Studies, the Centre for Research in the Social and Health Services, the Centre for Russian and East European Studies, the Centre for the Study of the Drama, the Centre for Urban and Community Studies, the Institute of Applied Statistics, the Institute of Bio-Medical Electronics, the Institute of Computer Science, the Institute of Immunology, the Institute for the History and Philosophy of Science and Technology, the Institute of Medical Science, the Institute for the Quantitative Analysis of Social and Economic Policy, and the Pontifical Institute of Mediaeval Studies.

STUDENT RESIDENCES Student facilities in the university, in addition to those provided by the federated universities and colleges, include seven residences including a graduate students' residence, accommodating 827 men and 770 women. A married students' housing complex, consisting of two apartment towers, provides accommodation for 713 families, and is located within walking distance of the campus. The complex is owned and operated by the Ontario Student Housing Corporation for the university.

LIBRARIES The library collections of the university amount to almost four million volumes and 23,000 current serials, plus about 7,000 manuscript titles, 87,000 maps, and 276,500 other non-book items. These figures include the holdings of the central university library, more than 50 libraries in colleges, faculties and departments of the university, and the libraries of federated, affiliated, and related institutions. The central library has special collections in Anglo-Irish literature from the 1890s to the present (especially W.B. Yeats); a Darwin collection; the library of Rev. James Forbes, English non-conformist; a French-Canadian literature collection; a Hobbes collection; a John Locke collection; a J.J. Rousseau collection; more than 3,000 17th-19th century Italian libretti; more than 700 16th and 17th century Italian plays; a Petronius collection; a Spanish literature collection including more than 700 comedias sueltas; and a growing collection of manuscripts of Canadian authors including Earle Birney, A.J.M. Smith,

and Leonard Cohen. Construction has begun on a large humanities and social sciences research library which is expected to be completed in 1973. The fourteen-storey triangular structure will have an ultimate stack capacity of 4.7 million volumes and will have more than 4,000 study-places, including nearly 1,000 private carrels.

STUDENT SERVICES Services provided for students are a health service (fee of \$10 included in incidental fees), a career counselling and placement service, a housing service, an advisory bureau, and indoor and outdoor athletic facilities. Hart house provides a variety of food services as well as facilities for recreation, reading, debate, music and art. Some commissions and committees of the Students' Administrative Council are: communication; cultural affairs; education; external affairs; finance; services; etc. There is a birth control centre on campus as well as a legal assistance centre. Various committees available to students include the library committee, the art committee, the debates committee, the music committee, etc. There are more than 17 organizations and clubs in Hart house. The amateur radio club offers instruction in operation of short-wave radio equipment, and utilizing its transmitting and receiving station. The archery club provides professional archery instruction for all levels. Other clubs include: bridge, camera, chess, film, and many others. Special services for overseas students are co-ordinated by the international student centre which serves as headquarters for the centre staff, the overseas student adviser and working committees. National groups on campus include the African students union, the Arab students association, the Chinese overseas students association, the friends of India association, the Malaysian Singaporean students association, the Pakistan students association, the Filipino students association and the West Indian students association. Student groups work closely with overseas students in many information and orientation programs. Student groups particularly interested in overseas students include the Canadian University Service Overseas, the Students' Administrative Council and World University Service of Canada.

STUDENT UNION The Students' Administrative Council (SAC) is the official undergraduate student government and 22,000 students annually elect a president, two vice-presidents and 55 representatives from 21 separate colleges and professional faculties. SAC publishes the campus newspaper, *The Varsity*, funds *Radio Varsity*, and its five permanent commissions co-ordinate a variety of student services. SAC also presents the views of the undergraduate students on university-wide issues such as discipline, student aid and campus planning. APUS (Association of Part-time Undergraduate Students) represents all part-time undergraduate students and is responsible for the co-ordination of special academic and social functions.

GRADUATE STUDENT ASSOCIATION All graduate students are members of the Graduate Students Union.

GRADING SYSTEM Faculty of arts and science — new program A: 80-100%; B: 70-79%; C: 60-69%; D: 50-59%; fail: below 50%. Generally speaking a candidate requires 50% in a subject to pass. The grading systems used by other faculties and schools vary; the individual calendars should be consulted.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Awards and financial assistance are available from the university, government, and many "outside" agencies. The university and its colleges provide scholarships at admission (only a very small number of which are open to students from outside the province), in-course scholarships and bursaries in the higher years,

and fellowships for graduates. Some loans are also available under special circumstances.

The provincial government offers scholarships to students entering from grade 13, graduate fellowships, and, in co-operation with the federal government, a loan/grant scheme (based on need alone) for Ontario residents. For further information consult "admission awards", an annual publication available at all secondary schools in the province or on request from the office of student awards, and the various college, faculty and school calendars, or contact the office of student awards (admission and undergraduate awards) or the school of graduate studies (graduate awards).

FEES AND COSTS The following include academic and compulsory incidental fees for male students in their first year. Women may pay slightly less, in some instances. Applied science and engineering, \$824; architecture, \$824; arts and science, \$618; child study, \$564; faculty of education, \$652; dentistry, \$1,286; food sciences, \$641; forestry, \$666; law, \$674; medicine, \$879; music, \$660; nursing, \$599-\$642; pharmacy, \$667; physical and health education, \$666; rehabilitation medicine, \$660; social work, \$654.

Diploma course in applied science, \$824; architecture, \$605; business administration, \$639; dentistry, \$585; forestry, \$650; hygiene, \$447-\$550; postgraduate medicine, \$235-\$380; social work, \$654.

Special and part-time — arts, \$95; architecture, \$165; business administration, \$55; child study, \$89; graduate school, \$62.50-\$150; law, \$100; pharmacy, \$55; social work, \$55.

Residence fees: Devonshire house — room only: \$624 for 218 day term. University College: Sir Daniel Wilson residence and Whitney hall — room and full board: \$1,126 for 218 day term (21 meals per week); room and partial board: \$824 for 218 day term (\$200 worth of meal tickets). New College: Wilson hall and Wetmore hall — room and full board: \$1,089 for 211 day term (19 meals per week); room and partial board: \$884 for 211 day term (tickets for 225 meals). Innis College (651 Spadina) — single room and board: \$1,024 for 218 day term; double room and board: \$974 for 218 day term. St. George graduate student residence (monthly) — single room only \$93; double room only \$65; large single room only \$131.

Married student apartments. Bachelor suite(1)* \$125-\$138 per month. One-bedroom suite(1)* \$149-\$170 per month. Two-bedroom suite(1)* \$179-\$194 per month. (1)*Note: twelve-month lease starting 1st September required.

Incidental residence council fees are additional as follows: Devonshire house, \$6; University College residences, \$5; New College residences, \$5.

All fees and costs are subject to change without notice.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Completion of secondary school studies, including a full program of academic work at the Ontario grade 13 level, or its equivalent. Final-year program should include two of English, French or another language, mathematics and science.

2. Tests for admission. SACU test scores are required.

3. Specific requirements. Arts and science — for individual course prerequisites, see calendar. Applied science and engineering — relations and functions, calculus, algebra, physics, chemistry plus options. Architecture and landscape architecture — relations and functions, calculus, English plus options. Dental hygiene — chemistry, biology plus options. Food sciences, pharmacy — chemistry, relations and functions, calculus plus options. Forestry — relations and functions, calculus, chemistry plus options. Algebra is strongly recommended. Music — practical and theoretical courses in music. Music performance — grade 12 Ontario or equivalent plus mandatory audition. Nursing — chemistry plus options. Physical and health education — two of biology, chemistry, mathematics, physics plus options.

Students with normal university entrance requirements from grade XIII are eligible for admission to the following professional faculties and schools: faculty of applied science and engineering; faculty of architecture, urban and regional planning and landscape architecture; faculty of food sciences; faculty of forestry; division of dental hygiene; faculty of music; faculty of nursing; faculty of pharmacy; and the school of physical and health education.

Students who have completed successfully a minimum of one academic year in an acceptable program at a level beyond grade XIII will be considered for admission to the doctor of dental surgery program and the degree programs in physical and occupational therapy in the faculty of medicine.

Both the faculty of law and the faculty of medicine require a minimum of two years in an academic program beyond the grade XIII level.

Foreign students

Certificates equivalent to Ontario grade 13 in appropriate subjects. SACU or CEEB scores recommended. USA, Central and South America — first-year accredited university (normally 30 semester hours) standing in appropriate subjects. Students with high school academic diploma and CEEB advanced placement scores may be eligible. UK, West Indies, East and West Africa, Hong Kong — GCE, USC or University of Hong Kong matriculation in five appropriate subjects including two at A level or in four appropriate subjects including three at A level, three A level subjects are required for arts and science. India and Pakistan — bachelor's degree with high standing. Japan, Korea, Taiwan — first-year accredited university standing in appropriate subjects. Philippines — second-year accredited university standing in appropriate subjects. Europe and Commonwealth — final-year secondary school graduation (maturity) certificate or notarized English translation. Applicants submitting the international baccalaureate will be considered for admission.

Mature students (non-matriculants)

An applicant who is at least 23 years of age, but who has never attempted an Ontario grade 13 program, or its equivalent, and who has been a resident of Ontario for at least one year, will be considered for admission to the faculty of arts and science upon the completion with high standing of one of the pre-university courses offered by the division of university extension. As the successful completion of a pre-university course does not in itself ensure selection, a candidate who wishes to apply as a "mature non-matriculant"

should consult the office of admissions about his eligibility before enrolling in one of the pre-university courses. Degree courses with scientific content such as those offered by professional faculties often have additional requirements. Detailed information may be obtained from the office of admissions.

Graduate

Students wishing to enrol in the school of graduate studies must normally have a four-year University of Toronto bachelor's degree with at least B standing or its equivalent from this or another approved university.

The school of hygiene, the faculties of education, library science, management studies and social work require a bachelor's degree before admission can be considered.

Date for receipt of applications

Canadian and foreign students — final date for receipt of regular full-time applications is June 1.

COURSES AND DEGREES

ARCHITECTURE, URBAN AND REGIONAL PLANNING AND LANDSCAPE ARCHITECTURE

Faculty of architecture, urban and regional planning and landscape architecture

Bachelor of landscape architecture (BLArch). Four years from senior matriculation.

Bachelor of architecture (BArch). Five years from senior matriculation.

Diploma in urban and regional planning (DipUandRP). One year after a first degree.

School of graduate studies

Master of science in urban and regional planning [MSc(PI)] Two years from a bachelor's degree in appropriate disciplines in the humanities or social sciences, or professional disciplines.

Master of architecture (MArch). At least one year after BArch or BASc.

ARTS

Faculty of arts and science

Bachelor of arts (BA). Three or four years after obtaining Ontario grade 13, or equivalent senior matriculation standing. The program enables each student in full-time attendance in one of the eight colleges of the faculty of arts and science to devise his or her own program by combining together each year five full courses

chosen to fit the student's interests. Certain programs are suggested for those who desire a degree of specialization, but one could not list all the variants that are possible within a given program to achieve special emphasis in a particular aspect of the subject. Subjects offered include anthropology, cinema, classics (Greek, Latin, Greek and Roman history, Greek and Latin literature in translation), east Asian studies (Chinese, Japanese), economics, English, ethics, fine art, French, geography, German, history, interdisciplinary courses, Islamic studies (Arabic, Persian, Turkish), Italian and Hispanic studies (Italian, Spanish, Portuguese), linguistics, literature, mathematics, music, near eastern studies (Hebrew, Aramaic-Syriac, Syriac, Egyptian, Hellenistic, Greek), philosophy, political science, psychology, religious studies, Sanskrit and Indian studies, Slavic languages and literatures (Russian, Czech, Polish, Serbo-Croatian, Ukrainian), and sociology.

School of graduate studies

Diploma in development studies. One-year program in economics and public administration.

Master of arts (MA). At least one year from four-year BA. Available in anthropology, classical studies, comparative literature, criminology, drama, east Asian studies, educational theory, economics, English, French language and literature, geography, Germanic languages and literature, history, history and philosophy of science and technology, history of art, Islamic studies, Italian and Hispanic languages and literatures, linguistics, medieval studies, music, near eastern studies, philosophy, political science, psychology, public administration, Sanskrit and Indian studies, Slavic languages and literatures, and sociology.

Conjunct master of arts and diploma in Russian and east European studies. At least two years from four-year BA. Available in economics, geography, history, political science, and Slavic languages and literatures.

Master of philosophy (PhilM). Open to graduates in arts of this or another recognized university by pursuing an advanced course of study for at least two years under the direction of one department. Applicants holding an MA from another university may apply for a program of 12 months of continuous residence. Available in anthropology, classical studies, drama, east Asian studies, economics, educational theory, English, French language and literature, geography, Germanic languages and literature, history of art, Islamic studies, Italian and Hispanic languages and literatures, near eastern studies, philosophy, political science, Sanskrit and Indian studies, Slavic languages and literatures, and sociology.

Doctor of philosophy (PhD). At least two years from MA. Available in almost any subject in which a master's degree is available.

Business, see commerce below

CHILD STUDY

Institute of child study of the college of education

Diploma in child study (DipCS). Two years from a bachelor's degree.

COMMERCE

Faculty of arts and science

Bachelor of commerce (BCom). Four years from Ontario grade 13 or equivalent standing. Available in commerce and finance.

Faculty of management studies

Diploma in business administration (DipBusAdmin). One year from a first degree.

School of graduate studies

Master of business administration (MBA). Two years from bachelor's degree, of which one year may be credited for appropriate fourth-year work.

Doctor of philosophy (PhD). A minimum of two years beyond the MBA or its equivalent.

COMPUTING AND DATA PROCESSING

School of graduate studies

Master of science (MSc). Graduates of degree courses with substantial mathematics will be admitted to a one-year program.

Doctor of philosophy (PhD). At least two years from MSc.

DENTISTRY

Faculty of dentistry

Diploma in dental hygiene (DipDentHyg). Two years from senior matriculation.

Bachelor of science in dentistry (BScD). At least one year from the second dental year; i.e., at least four years from senior matriculation.

Doctor of dental surgery (DDS). Four years from the one pre-professional year beyond senior matriculation; i.e., five years from senior matriculation.

Diploma in dental public health (DDPH). At least one year from DDS degree.

Diploma in oral surgery and anaesthesia (DipOralSurg). At least 32 months from DDS degree.

Diplomas in orthodontics, paedodontics, periodontics (DipOrthodont, DipPaedodont, DipPeriodont). Twenty-two months (in a period of two calendar years) from DDS degree.

School of graduate studies

Master of science in dentistry (MScD). At least two years from a DDS degree.

Doctor of philosophy (PhD). At least three years from DDS degree.

EDUCATION

Faculty of education

A one-year teacher training program (after an acceptable undergraduate academic degree) leading to a bachelor of education degree (BEd) awarded by the university and the interim high school assistant's certificates, types B and A, granted by the Ontario ministry of education. For qualified tradesmen there is a one-year program leading to vocational certificates, types A and B, and occupational certificates, types A and B, and for persons holding a basic teaching certificate, a one-year program leading to a certificate in industrial arts. A two-year program leading to a diploma in child study is offered to university graduates at the Institute of Child Study. A number of additional and special certificate programs are offered, generally in the summer, for qualified elementary and secondary teachers.

School of graduate studies

Master of arts (MA). At least one year from BA degree. Available in educational theory.

Master of education (MEd). At least one year from bachelor's degree, one year teacher training and one year teaching experience required.

Master of philosophy (PhilM). At least two years from four-year BA. Available in educational theory.

Doctor of philosophy (PhD). At least two years from MA. Available in educational theory.

ENGINEERING, APPLIED SCIENCE

Faculty of applied science and engineering

Bachelor of applied science (BASc). Four years from senior matriculation. Courses offered: chemical engineering and applied chemistry, civil, electrical, geological, industrial and mechanical engineering, engineering science, and metallurgy and materials science.

School of graduate studies

Master of applied science (MASc). At least one year from BASc or BSc in science or applied mathematics. Available in aerospace studies, science and engineering, chemical (including nuclear) engineering, civil, electrical, industrial, and mechanical engineering, geology, and metallurgy and materials science.

Master of engineering (MEng). No general residence requirement. Available in the same departments as MASc (except geology).

Doctor of philosophy (PhD). At least two years from MSc or MASc. Available in the same departments as MASc.

FOOD SCIENCES

Faculty of food sciences

Bachelor of science (food sciences) [BSc(FoodSci)] Four years from senior matriculation. After a first common year, students may specialize in community development, food chemistry, nutrition and dietetics, or textiles, or by choosing options from each area, in a general professional program.

School of graduate studies

Master of science (MSc). At least one year from BSc(FoodSci) or equivalent.

FORESTRY

Faculty of forestry

Bachelor of science in forestry (BScF). Four years from senior matriculation.

School of graduate studies

Master of science in forestry (MScF). At least one year from BScF degree or a bachelor's degree in a related field. Available in forest and resource policy, forest biology, forest ecology, forest management and resources economics, forest pathology, harvesting and production, silviculture, urban forestry, and wood science and forest products.

Doctor of philosophy (PhD). In certain areas in collaboration with other departments.

HYGIENE

School of hygiene

Diploma in nutrition (DipNutrit). One year from an undergraduate degree.

Certificate in public health (CPH). One year from an arts or science degree.

Diploma in hospital administration (DipHA). Two years from an undergraduate degree.

Diploma in public health (DPH). One year from MD degree.

Diploma in epidemiology and community health (DipEandCH). One year from MD degree, or acceptable equivalent degree.

Diploma in veterinary public health (DVPH). One year from veterinary medicine degree.

Diploma in industrial health (DIH). One year from MD degree.

Diploma in bacteriology (DipBact). One year from a degree in agriculture, arts or science, dentistry, medicine, pharmacy, or veterinary medicine.

School of graduate studies

Master of science (MSc). At least two years from general BSc or one year from honors BSc. Available in biometrics, environmental health, epidemiology, health administration, microbiology, nutrition, and parasitology.

Doctor of philosophy (PhD). At least two years from MSc degree. Available in same fields as MSc.

LAW

Faculty of law

Bachelor of laws (LLB). Three years from at least two years' academic study beyond senior matriculation; i.e., at least five years from senior matriculation.

School of graduate studies

Master of laws (LLM). At least one year from LLB degree.

Doctor juris (DJur). At least one year from LLM degree.

LIBRARY SCIENCE

School of graduate studies

Master of library science (MLS). Two years from bachelor's degree.

Doctor of philosophy (PhD). At least two years from MLS degree. Available in library science.

MEDICINE

Faculty of medicine

Diploma in physical and occupational therapy (DipPandOT). This course is being replaced over the next two years by the following courses.

Bachelor of science (occupational therapy) [BSc(OT)] Four years following Ontario grade XIII. Requirements: first year of arts and science, U of T or equivalent.

Bachelor of science (physical therapy) [BSc(PT)] Four years following Ontario grade XIII. Requirements: first year of arts and science, U of T or equivalent.

Certificate as a teacher of physical or occupational therapy (TchrCertPhysTher), (TchrCertOccTher). Two-year course open to graduates in physical or occupational therapy, who have spent at least three years in practice.

Bachelor of science (art as applied to medicine) [BSc(AAMed)] Three years from senior matriculation plus two and a half years of formal training in art.

Doctor of medicine (MD). Four years from second year in arts and science, University of Toronto, or from BA or BSc degree.

Diploma in speech pathology and audiology (DipSpeechPathandAud). Two years from a bachelor's degree.

Diploma in medical radiology (DMR). Two years from at least one year's internship; i.e., three years from MD degree.

Diploma in psychiatry (DPsych). Three years from at least one year's internship, or three years including a straight internship in psychiatry at a teaching hospital; i.e., three years from an MD degree.

Diploma in anaesthesia (DipAnaes). Three years from at least one year's internship; i.e., four years from MD degree.

Diploma in ophthalmic science (DipOphthSc). Three years following two years' postgraduate education after MD degree.

Diploma in clinical chemistry (DCC). Two years from PhD, or MD with adequate science background.

School of graduate studies

Master of science (MSc). At least one year from MD degree or from four-year BSc. Available in anatomy, biochemistry, clinical biochemistry, medical biophysics, medical science, pathological chemistry, pathology, pharmacology, physiology, and Banting and Best research.

Doctor of philosophy (PhD). At least three years from MD degree. Available in same departments as MSc.

MUSEOLOGY

School of graduate studies

Master of museology (MMuseol). Fifteen-month program from the four-year BA. This program consists of two summers plus one academic session. It is a joint program offered by the university and the Royal Ontario Museum.

MUSIC

Faculty of arts and science

Bachelor of arts (BA). Four years from senior matriculation.

Faculty of music

Artist diploma (ArtDipMus). Three years from four-year high school course and audition in performance.

Licentiate diploma (LicDipMus). Three years from four-year high school course and audition in performance.

Bachelor of music in performance (MusBac). Four years from four-year high school course.

Diploma in operatic performance. Two years from ArtDipMus or equivalent, and audition in performance.

Bachelor of music (MusBac). Four years from senior matriculation. Candidates must also hold certificates of the Royal Conservatory of Music or pass a musical entrance test. Available in the major areas of history and literature of music, composition, music education (instrumental), and music education (vocal).

School of graduate studies

Master of music (MusM). One year from honors MusBac; two years from general MusBac. Available in composition, music education, and in performance and literature.

Master of arts (MA). At least one year from a four-year BA specialist program in music or bachelor of music program with major concentration in history and literature. Available in musicology.

Doctor of music (MusDoc). Two years from MusM degree.

Doctor of philosophy (PhD). At least two years from master's degree. Available in musicology.

NURSING

Faculty of nursing

Certificate in public health nursing, general (CertPHN). Twenty weeks divided in two parts given in consecutive years with an intervening work period of not less than 50% of full time for an eight-month period in an approved community health field. Grade 13 plus qualification as a professional nurse.

Bachelor of science in nursing (BScN). Basic degree course, four years from senior matriculation. Degree course for graduate nurses, three years from senior matriculation plus qualification as a professional nurse.

School of graduate studies

Master of science in nursing (MScN). At least sixteen months from BScN degree. Available in community health nursing, medical-surgical nursing and psychiatric nursing.

PHARMACY

Faculty of pharmacy

Bachelor of science in pharmacy (BScPhm). Four years from senior matriculation.

School of graduate studies

Master of science in pharmacy (MScPhm). At least one year from BScPhm degree. A program of studies in the general field of medicinal chemistry for the degree of doctor of philosophy may be followed in co-operation with other appropriate departments in

the university. The department of pharmacy should be consulted for details.

PHYSICAL AND HEALTH EDUCATION

School of physical and health education

Bachelor of physical and health education (BPHE). Four years from senior matriculation.

Science, applied, see engineering, applied science

SCIENCE, PURE

Faculty of arts and science

Bachelor of science (BSc). Three or four years after obtaining Ontario grade 13, or equivalent senior matriculation standing. The program enables each student in full-time attendance in one of the eight colleges of the faculty of arts and science to devise his or her own program by combining together each year five full courses chosen to fit the student's interests. Certain programs are suggested for those who desire a degree of specialization, but one could not list all the variants that are possible within a given program to achieve special emphasis in a particular aspect of the subject.

Subjects offered include anatomy, astronomy, biochemistry, biology, botany, chemistry, chemical engineering, civil engineering, computer science, electrical engineering, geography, geology, industrial engineering, mathematics (actuarial science, applied mathematics, statistics), microbiology, parasitology, pathological chemistry, pharmacology, physics, physiology, psychology, statistics and zoology.

School of graduate studies

Master of science (MSc). At least one year from four-year BA or BSc. Available in anatomy, applied mathematics, astronomy, biochemistry, botany, chemistry, clinical biochemistry, computer science, food sciences, geology, hygiene, mathematics and mathematical statistics, medical biophysics, medical science, pathological chemistry, pathology, pharmacology, physics, physiology, and zoology.

Doctor of philosophy (PhD). At least two years from MSc. Available in the same departments as MSc.

SOCIAL WORK

School of graduate studies

Master of social work (MSW). At least two years from bachelor's degree.

Diploma in advanced social work (AdvDipSW). At least one year from MSW.

Doctor of social work (DSW). At least three years from MSW.

EXTENSION PROGRAMS

For credit towards degrees, certificates, and diplomas

(a) Evening classes, fall and winter session. Undergraduate courses for students proceeding to a degree in the faculty of arts and science are available at the St. George, Erindale, and Scarborough campuses. Full programs offered. Undergraduate courses for graduates of diploma schools of nursing for nurses proceeding to a degree. The final year must be taken in residence. Undergraduate courses for students proceeding to a degree in the faculty of applied science and engineering. The first year only is available by part-time study; the second, third, and fourth years must be taken in residence. Undergraduate courses for students proceeding to a degree in the school of physical and health education. The first year only is available by part-time studies; the second, third, and fourth years must be taken in residence. Bachelor of education degree offered on a part-time basis.

(b) Summer evening classes, summer day classes. Undergraduate courses for students proceeding to a degree in the faculty of arts and science are available at the St. George, Erindale and Scarborough campuses. Full programs offered. Undergraduate courses for students proceeding to a degree in the faculty of applied science and engineering (summer evening only). Only courses in the first year are available on a part-time basis. Bachelor of education degree offered on a part-time basis (summer day only).

For credit towards certificates

Diploma program in translation. This program provides instruction for French- and English-speaking students who desire formal training as translators. Applicants must hold a BA from a North American university or have equivalent academic qualifications. Proficiency in French and English and professional experience in translation is desirable. Candidates for admission will be required to pass an entrance examination which will admit them to the three-year course.

Certificate program in business. This program provides instruction in the basic principles of modern business. The program is designed for students who are capable of undertaking courses at the university undergraduate level. A certificate is awarded on successful completion of six courses. Admission requirements are those for normal university entrance.

Certificate program in public administration. This program is intended primarily for those with considerable experience in public service who wish to acquire a broader background in the political and social sciences. A certificate is awarded on successful completion of six courses. Admission requirements are those for normal university entrance.

Certificate program in criminology. This program is designed to deepen the knowledge and understanding of criminology in its various aspects. It proposes to examine some of the basic problems of criminal justice, and the treatment of offenders. It is intended primarily for those interested in, or practising in, fields concerned with the prevention of crime in our society. A certificate is awarded on successful completion of six courses. Admission requirements are those for normal entrance to the university.

Certificate program in personnel and industrial relations. This program is designed for labor, management, and government representatives who have an interest in personnel and industrial relations. This program combines both theoretical and practical material and is so structured to permit specialization in either personnel or industrial relations. A certificate is awarded on successful completion of seven courses. Admission requirements are those for normal university entrance.

The certificate program in advanced studies of early childhood and family. This program is designed to provide advanced academic study for qualified persons in the field. Students are required to specialize in either infant or family studies. A certificate will be awarded on successful completion of six courses. Admission requirements are those for normal university entrance plus standing in a recognized course in early childhood education and an AECPO pre-school teacher's certificate or equivalents.

The certificate program in teaching English as a second language (TESL). This program is designed to provide specialized academic and professional training at the undergraduate level for those who wish to acquire further knowledge and skill in TESL. A certificate is awarded on successful completion of six courses. Admission requirements are those for normal entrance to the university.

Non-degree courses

Non-degree courses in business, engineering, and special programs are offered on the St. George, Scarborough, and Erindale campuses. Many of the courses are at a post-degree level; and some are offered at the places of business for major corporations and institutions.

Independent study program. Correspondence courses in business subjects, engineering, social sciences, and the liberal arts are given in co-operation with national organizations and institutes, and are available also to individual applicants.

Courses for the preparation of teachers in pre-school education. A three-part course, leading to certification by the Nursery Education Association of Ontario, after a year in the field.

English-language summer school. Four- and six-week courses for those whose first language is not English. Oral and auditory skills are emphasized.

Pre-university courses in chemistry, English, history, mathematics, and physics are offered regularly throughout the year.

Saint-Pierre-et-Miquelon summer school of French. French summer school, four- and eight-week courses at Saint-Pierre-et-Miquelon for those who wish to learn French in a French-speaking environment.

RESEARCH INSTITUTES The Banting and Best Department of Medical Research. Director: I.B. Fritz, DDS, PhD. The staff of the Banting and Best Department of Medical Research are involved primarily in research on various aspects of metabolic control. Emphasis continues to be directed towards an analysis of the sites and mechanisms of hormone action, particularly insulin.

Centre for Culture and Technology. Director: H.M. McLuhan, MA, PhD, FRSC, LL.D., DLitt. The centre is concerned with the impact of media (extensions of man) on psyche and society; i.e.,

man caught up in his own feedback loop, ever creating new service/disservice environments.

Centre for Industrial Relations. Director: J.H.G. Crispo, BCom, PhD. The centre is a non-degree-granting and non-teaching institute of the university, facilitating faculty and student research primarily through its comprehensive information service.

Centre for Linguistic Studies. Director: N.E. Collinge, MA, PhD. Research and graduate teaching after four-year BA, in linguistics; staff of 18 give 25 year-courses to 60 candidates for MA or PhD in linguistics.

Centre for Medieval Studies. Director: J.F. Leyerle, BA, MA, PhD. The centre offers interdisciplinary graduate programs in the medieval period and encourages specialization in research, particularly in often-neglected areas between traditional departments.

Centre for Renaissance Studies. Chairman: J.H. Parker, MA, PhD, FRSCan. Interdisciplinary programs will be arranged for individual students involving more than one department but leading to a degree in one of them, in consultation with the officers of renaissance studies and of the appropriate department.

Centre for Russian and East European Studies. Director: H.G. Skilling, MA, PhD. The centre promotes the development of undergraduate and graduate studies and scholarly research related to Russia and eastern Europe. The centre acts as a liaison between the departments and conducts a diploma program taken conjointly with an MA in a principal discipline.

Centre for the Study of the Drama. Director: A. Saddlemyer, BA, MA, PhD. The centre offers graduate programs for higher degrees based on academic graduate courses and on practical courses and experimental studio work for those who wish to obtain qualifications as critics, historians, and teachers of dramatic literature.

Centre for Urban and Community Studies. Acting director: L.S. Bourne, BA, MA, PhD. The centre created in 1964, serves three functions: 1) responds to staff interests in formulating interdisciplinary research projects; 2) assists staff in obtaining support, administrative assistance, and service facilities; 3) facilitates graduate student research experience.

Centre of Criminology. Director: J.L. Edwards, LLB, MA, PhD, LL.D. An interdisciplinary research centre concerned with problems of crime and criminal justice and staffed by persons trained in law, sociology, psychology, mathematics, economics, and statistics. MA degree offered.

Connaught Medical Research Laboratories. Director: J.K.W. Ferguson, MBE, MA, MD, FRSCan. Conducts research in preventive medicine. Produces insulin, blood fractions, and vaccines for human and veterinary uses. Offers postdoctoral fellowships.

David Dunlap Observatory. Director: D.A. MacRae, BA, AM, PhD. Established in 1935, a 74-inch reflecting telescope (largest in Canada), a 19-inch and a 24-inch telescope, all equipped for spectrography, photography, and photoelectric studies in astronomy and astrophysics, including infrared astronomy; radio telescopes and receivers are also used; machine shops and major research library.

Institute for Aerospace Studies. Director: G.N. Patterson, BSc, MA, PhD, LL.D, FRAeS, FRSCan, FCASI, FAIAA, FAAAS. The

institute provides the only opportunity in Canada to obtain primary (BASC) and advanced (MEng, MASc, and PhD) degrees in the aerospace sciences and engineering. It has a staff of 15 and 90 graduate students and postdoctoral fellows.

Institute for the History and Philosophy of Science and Technology. Director: J.W. Abrams, AB, PhD. With a staff of 19 members and affiliates, conducts research in its subject fields and offers courses leading to the MA and PhD degrees.

Institute for the Quantitative Analysis of Social and Economic Policy. Director: T.A. Wilson, BA, AM, PhD. The general purpose of this institute is to encourage continuing on-campus quantitative research on social and economic policy problems which complements programs of graduate training in associated teaching departments.

Institute of Applied Statistics. Director: J.C. Ogilvie, BSc, MA, PhD. The purpose of the institute is to bring together researchers in pure and applied statistics, to conduct and encourage research in applied statistics, and to provide a central location for statistical advice throughout the university.

Institute of Bio-Medical Electronics. Director: N.F. Moody, BEng, SMIEE, FIEF, MEIC, PEng. The institute was founded in 1962; there is on staff nine full-time academics; 30 graduate students. Areas of interdisciplinary research are electrical and chemical engineering, mathematics, pharmacology, physics, physiology, and surgery.

Institute of Environmental Sciences and Engineering. Chairman: P.H. Jones, BASc, MS, PhD. The institute provides a framework for a multi-disciplinary approach to environmental studies, and involves close collaboration of 13 departments, including engineering, health sciences, law, life sciences, and social sciences.

Institute of Immunology. Director: B. Cinader, PhD, DSc. The institute provides a common forum for investigators in many areas of the university and an interdisciplinary research experience in immunology.

Institute of Medical Science. Director: J.C. Laidlaw, MD, PhD, FRCP(C). The institute provides an interdisciplinary research experience in the area of human biology; thereby it furnishes an opportunity for students to work towards an MSc or PhD degree in a wide range of biological fields on problems which may involve patients and/or experimental animals.

Pontifical Institute of Mediaeval Studies, Queen's Park Crescent East, Toronto 5. Director: Rev. L.K. Shook, MA, PhD. Conducts research, provides courses, gathers library and archival materials, publishes texts, translations, studies and a learned journal (Mediaeval Studies) in the thought, culture, writings, and institutions of the middle ages.

University of Toronto Computer Centre. Director: J.C. Wilson, BASc, MSc, PhD. The institute's primary purpose is to provide research and computer facilities for the various divisions of the university. It is not a teaching division.

CONSTITUENT COLLEGES University College, University of Toronto, Toronto 181, Ontario. Principal: A.C.H. Hallett, BA, PhD. Established 1853. Co-educational. Non-denominational. Courses offered lead to the degrees of BA, BSc and BCom. Residence accommodation is available in the Sir Daniel Wilson residence and in Whitney hall.

New College, University of Toronto, Toronto 181, Ontario. Principal: D.G. Ivey, MA, PhD. Established 1962. Co-educational. Non-denominational. Provides residence accommodation, tutorial arrangements, instruction in some subjects, common rooms and dining facilities. Enrolment is drawn from all undergraduate divisions of the university.

Innis College, University of Toronto, Toronto 181, Ontario. Principal: P.H. Russell, MA. Established 1964. Non-denominational. Co-educational. A college for full-time students of all undergraduate divisions of the university. Instruction in some arts subjects is taken with classes in University College. Interdisciplinary courses are conducted on an experimental basis within Innis College. Accommodation is offered in university and student-operated residences and houses. The college also conducts a writing laboratory and tutorial program.

Scarborough College, University of Toronto, 1265 Military Trail, West Hill, Ontario. Principal: D.R. Campbell, DFC, BA, MA. Established 1964; classes began 1965. Co-educational. Non-denominational. Courses offered lead to the BA and BSc degrees (three and four years). Located 20 miles to the east of the St. George campus of the university.

Erindale College, University of Toronto, 3359 Mississauga Road, Clarkson, Ontario. Principal: J.T. Wilson, SM, OBE, BA, MA, PhD, ScD, LLD, DSc, FRSCan, FRS. Established 1964; classes began 1966. Non-denominational. Co-educational. Provides courses leading to BA and BSc degrees.

FEDERATED INSTITUTIONS University of St. Michael's College, Toronto 181, Ontario. President: Rev. J.M. Kelly, MA, PhD. Vice-president and registrar: Rev. H.V. Mallon, MA. Co-educational; Catholic; 1852; federated with the University of Toronto; full undergraduate programs in theology and related studies; residence for 725. Degrees awarded by the University of Toronto; degrees in mediaeval studies by the Pontifical Institute of Mediaeval Studies; and degrees in theology by the University of St. Michael's College. See also separate entry.

University of Trinity College, Toronto 181, Ontario. Provost: D.R.G. Owen, MA, PhD, DD, DCL. Co-educational; Anglican;

1852; constituent college federated with the University of Toronto; full undergraduate programs; residence for 345. Degrees awarded by the University of Toronto (BA, BCom, BSc) and degrees in theology: STB, MTh, ThD. See also separate entry.

Victoria University, 73 Queen's Park, Toronto 181, Ontario. President: J.E. Hodgetts, MA, PhD, FRSC. Co-educational; United Church; 1836; federated with the University of Toronto; full undergraduate programs; residence for 326. Degrees awarded by the University of Toronto (BA, BCom, BSc) and degrees in theology: LTh, BRE, BD, ThM, ThD. See also separate entry.

Knox College, Toronto 181, Ontario. Principal: Rev. J.S. Glen, PhD, ThD, DD. Presbyterian. Co-educational. Established 1844. Federated with the university in 1890. Offers courses in theology leading to the diploma and the degrees of BD, ThM, and ThD which are awarded by the college. Residential accommodation for 104 men.

Wycliffe College, Hoskin Avenue, Toronto 181, Ontario. Principal: Rev. Canon Leslie Hunt, BA, BD, MTh, DD. Anglican. Established 1877. Federated with the university 1890. Offers courses in theology leading to the graduation diploma, the LTh, and the degree of BTh. In addition the college has authority to confer the following degrees in theology: BD, MTh, DTh and the DD. Residential accommodation for 75 men.

Emmanuel College of Victoria University, Toronto 181, Ontario. Acting principal: W.O. Fennell, BA, SGM, DD. United Church. Victoria University founded 1836. Emmanuel College one of seven seminaries in Toronto forming Toronto School of Theology. Offers courses in theology leading to the college diploma; also the title LTh, and degrees of BD, BRE, ThM, and ThD, which are awarded by the senate of Victoria University. Residential accommodation available for men and women.

Massey College, University of Toronto, Toronto 181, Ontario. Master: Robertson Davies, BLitt, DLitt, LLD. Residential college for male students and senior scholars, engaged in research. Opened in 1963-64. The college provides living accommodation, dining- and common-room facilities, and a library for research studies.

TRENT UNIVERSITY*

Peterborough, Ontario

Telephone: 705-748-1011

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – The Honorable Leslie Frost, PC, QC, LL.D., DCL. President and vice-chancellor – T.E.W. Nind, MA. Vice-president – R.H. Sadleir, MA. Vice-president (finance), comptroller, and secretary to the board of governors – J.E. Leishman, BCom, CA.

GENERAL INFORMATION Trent University is non-denominational, co-educational and operates under a board of governors and a senate.

BACKGROUND Trent was formally created with degree-granting powers by an act of the Ontario legislature in 1963. In that same year, a nucleus of faculty members and administrative staff was formed and the first undergraduate class was accepted in 1964. The university was officially opened in October 1964 by governor-general Georges Vanier.

During the early years, the academic planning committee initiated the broad academic preparation for the university while a campus planning committee planned the university site and architecture. The proposals of the two were accepted as the basic policies of the university.

*Ordinary member, AUCC.

PUBLICATIONS University calendar; graduate studies calendar; part-time studies – summer session; part-time studies – winter session; non-credit studies; high school information brochure; Arthur; available from the director of information.

ACADEMIC YEAR Autumn term: mid-September to early December. Winter term: early January to late February. Spring term: mid-March to mid-May. Summer session: early July to mid-August.

BUILDINGS, GROUNDS AND RESIDENCES The main campus of the university is located on both sides of the Otonabee River at the northern edge of Peterborough (population, 58,000), but functions of the university are also carried on at three locations in the downtown area. The core of the main campus was a gift of the Canadian General Electric Company, and additional land totalling over 1,400 acres has been acquired to meet the needs of the university.

In the first five years of the university's operation, an administration, teaching and laboratory complex and two residential and teaching colleges were developed in the city. On the main campus the master plan has been implemented to the completion of the first phase of construction. This includes two residential teaching colleges, the main library with a capacity of some 350,000 volumes, two science buildings and athletic facilities.

The city colleges – Peter Robinson and Catharine Parr Traill – are both co-educational and provide residential accommodation for 280 students in addition to non-resident members. The campus colleges – Champlain for men and women and Lady Eaton for

women — provide accommodation for 450 students. For the academic year 1972-73 almost half of the student body will have a place in residence.

LIBRARIES The university's new Thomas J. Bata library is adjacent to the university court and is the focal point of the Nassau campus. Four storeys high, it has room for more than 370,000 volumes and 800 readers. The building also houses the audio-visual centre. The library contains a collection of some 195,000 volumes, 15,000 microforms and more than 2,300 periodical subscriptions. Approximately 22,000 volumes are added each year. A number of special collections have been formed and, to support the university's interest in Canadian studies, the library has concentrated on the acquisition of Canadiana. This development has been augmented by such gifts as the F.M. Douglas Arctic collection, The Racey collection of newspaper cartoons, and the Floyd Chalmers collection of Canadian explorations.

The Trent University library of religion, incorporating the Bishop Webster collection, provides printed source material for scholars in religion, philosophy, history and related subjects. In support of fine arts, the Robert Markon Foundation has established an art book collection. An extensive map library is being developed at Rubidge hall which is the centre for the university's geography and anthropology departments. The Bata library is approved by the federal government as a selective depository for Canadian government documents and a considerable number of United States, United Nations and British documents are received by subscription.

STUDENT LIFE Trent offers a wide range of student activities. Participation is invited in the numerous student organizations and activities. The early years of the university have seen the establishment and lively growth of literary magazines, a yearbook, a newspaper, a radio service, a community action program, dramatic art, music, debating and film societies, and many other events. Each college is governed by an elected student cabinet with a university-wide congress co-ordinating the activities of the separate college governments. Five students sit as full members of the university senate. As well, students participate in a broad range of university committees.

The athletic program is designed to offer recreation and competition for all members of the university. An air-supported structure on the Nassau campus provides heated indoor facilities for many sports. Also located on the same campus are a full-size, flood-lit playing field, a quarter-mile track, tennis courts, a squash court, and a ski-run. The university has its own sail boats, canoes, and paired shells. As well, the university arranged for the use of swimming pools and rinks in the city of Peterborough. Intercollegiate and intramural sports include badminton, basketball, curling, fencing, golf, hockey, harrier, judo, rowing, rugger, skiing, sailing, softball, squash, tennis, track, touch football and wrestling.

MEDICAL SERVICES The university student health service provides both medical and counselling services for full-time students. Emergency treatment is available 24 hours a day. The university requires all students to carry both medical and hospital insurance. Students from Ontario must carry Ontario health insurance. For Canadian students from outside Ontario, coverage should be obtained from their own province. For students from outside Canada, special arrangements may have to be made at the time of registration. Students seeking medical treatment are charged a fee for service which is normally recoverable from their medical insurance.

STUDENT COUNSELLING AND EMPLOYMENT Students seeking assistance in finding employment are invited to use the facilities of the placement office. A principal concern of this office is the career planning of graduating students and their eventual employment. On-campus interviews are arranged with representatives of business, industry and government agencies. Students seeking information about teaching, professional schools, and graduate study also find this office useful.

UNIVERSITY BOOKSTORE The university owns and operates a bookstore which is easily reached from the university buses. With some 3,000 square feet of floor space, the bookstore is well suited to meet the wide range of needs and interests of the students, faculty and the Peterborough community. All books in print can be obtained on individual order. A collection of bibliographical tools is maintained which students and staff are encouraged to use. Records, artists' supplies, a wide range of periodicals, and books of general interest are made available.

GRADING SYSTEM There are four passing grades: A, B, C, D, and one failing grade: F. There are no supplemental examinations. Overall standing is granted in major subjects only and includes all courses taken in that subject. Grades are A, B, C. Introduction of a course-credit system replaced year promotion in 1970-71. Aeg. (aegrotat), following a grade, indicates that the student was absent with reason from the final examination, but that standing was granted on the basis of the year's work.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Trent University has a generous scholarship program designed to reflect its insistence on high standards and to reward and encourage its leading students. Through the generosity of private donors, scholarships have been endowed; these scholarships will be awarded to students entering the university and during the course of their studies. In addition, the university awards a generous number of scholarships to students entering the university with high standing. Since all students with high standing will automatically be considered, no separate application for scholarships awarded by the university is necessary.

All university scholarships may be held in conjunction with other scholarships awarded by external agencies when their conditions permit, up to a normal maximum of \$1,855 in 1972-73. In order to be considered for scholarships, a student entering first year normally must have undertaken at least five of the six credits required for admission during the current academic year. No student applying for admission to the university after August 1 will normally be considered for a scholarship. The university endeavors to guarantee all scholarship holders, including those from the Peterborough area, places in residence if they wish them. Students attending Trent University will be eligible for assistance under the Ontario student awards program.

FEES AND COSTS The total annual fee for full-time undergraduates is \$655. This amount includes registration, tuition fees, and incidental fees. Part-time students pay \$120 per full course, \$60 per half-course.

Residential fees, including room and board for the academic year (excluding vacation periods), are \$1,200 in a single room, \$1,130 in a double room, payable in two instalments. For students in lodgings or living at home, there is a non-resident fee of \$85.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Educational level equivalent to Ontario honor graduation diploma (grade 13).
2. Specific requirements. French recommended for French; mathematics A normally required for any mathematics course, physics and mathematics A for any physics course and chemistry for any chemistry course.

Foreign students

UK and Commonwealth – GCE or equivalent in five subjects with at least two at A level. USA – grade 12 high school academic graduation with three advanced placement courses or 30 semester hour credits in first year at an accredited university. CEEB scores are required. Others – some highly qualified high school graduates considered for admission. Certificates equivalent to normal requirements. Students whose mother tongue is not English must provide evidence of an adequate knowledge of English for university studies.

Mature students

Candidates who do not meet the normal requirements but have maturity and motivation may be considered for admission.

Graduate

1. General requirements. Applications for graduate studies must be made to the graduate studies committee on a prescribed form. The candidate must arrange to have submitted official transcripts showing the subjects studied and the standing received in all undergraduate and any graduate work so far undertaken. Normally, applications should be supported by letters of recommendation from at least two faculty members, in the proposed field of graduate studies, under whom the candidate has worked. The committee may require a test of proficiency in the English language for candidates whose mother tongue is not English.

2. Specific requirements for master's degree programs. At least a second-class standing in the final year at the honors level in the department in which the graduate degree is being sought, or its equivalent, will be required for approval of the admission of candidates for the master's degree. Chemistry – additional requirements may include one or more of the following: a reading knowledge of a foreign language; a working knowledge of certain branches of mathematics or statistics; familiarity with computer techniques; an adequate background of a related discipline. History – students will be expected to demonstrate capacity to do research in any languages required for their fields of research. In Canadian history, students will be expected to demonstrate capacity in French when they begin graduate studies. Physics – additional requirements may include one or more of the following: a reading knowledge of two or more languages; a working knowledge of certain branches of a related discipline; familiarity with computer techniques; an adequate background knowledge of a related discipline.

Date for receipt of applications

There are none specified, however, students are encouraged to apply between January and June of the year in which admission is sought. Candidates who do not hold the normal requirements and who seek specific consideration must apply, giving full details, before June 30 of the year in which admission is sought.

COURSES AND DEGREES

ARTS

Bachelor of arts (BA). (a) Ordinary degree, 15 courses from senior matriculation. Available in Canadian studies, classical studies, economics, English literature, French studies, German, Hispanic studies, history, mathematics, native studies, philosophy, politics, psychology, sociology. (b) Honors course, 20 course credits from senior matriculation. Available in classical studies, English literature, French studies, German, Hispanic studies, history, mathematics, philosophy, politics, sociology.

Master of arts (MA). At least two years from general BA, or at least one year from honors BA. Available in history.

SCIENCE, PURE

Bachelor of science (BSc). (a) Ordinary degree, three years from senior matriculation. (b) Honors course, four years from senior matriculation. Available in anthropology, biology, chemistry, economics, geography, mathematics, physics, and psychology.

Master of science (MSc). At least two years from general BSc, or at least one year from honors BSc. Available in chemistry and physics.

EXTENSION PROGRAMS

For university credit

Winter academic session – courses leading to a BA and BSc are offered concurrent with the regular undergraduate program during the day and evening. Summer session – courses are offered in arts and in science for undergraduates proceeding to a degree.

For no university credit

A number of non-credit courses in the humanities and social and physical sciences are offered in the evening during the regular academic session.

CONSTITUENT COLLEGES Peter Robinson College, Peterborough, Ontario. Master: I.D. Chapman, BSc, MA. Men and women. Opened 1964.

Catharine Parr Traill College, Peterborough, Ontario. Principal: Mrs. Nancy Sherouse, BA. Men and women. Opened 1964.

Champlain College, Peterborough, Ontario. Master: W.B.D. Heeney, BA, BD, DPhil. Men and women. Opened 1966.

Lady Eaton College, Peterborough, Ontario. Principal: Mrs. Marjorie Seeley, AM. Women. Opened 1968.

Each college offers to its members in addition to residential accommodation for members of the academic staff and students, the use of a dining room, common rooms, library, seminar rooms and tutorial offices. Every student and every member of the faculty is a member of a college in which they have the opportunity to live and work together in a relatively small academic community within the large body of the university.

UNIVERSITY OF TRINITY COLLEGE*

(Federated with the University of Toronto)†

Toronto 181, Ontario

Telephone: 416-928-2522

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — The Most Reverend H.H. Clark, BA, DD, DCL, LLD. Provost and vice-chancellor — G. Ignatieff, MA, LLD.

GENERAL INFORMATION Trinity is a private, co-educational institution. Income is derived mainly from private sources.

BACKGROUND The University of Trinity College was founded in 1852 by the Honorable and Right Reverend John Strachan, first bishop of Toronto, to be the Church of England University of Upper Canada. The occasion for its founding was the secularization, in 1850, of King's College of which the bishop had been a founder and at one time president, and which became the original foundation of the provincial University of Toronto. Under the powers obtained by royal charter in 1852, the University of Trinity College conferred degrees in seven faculties, until 1904. In that year in response to the movement for the federation of the various universities in the province, Trinity College federated with the University of Toronto and ceased to give instruction

in all the faculties except arts and divinity. It also placed in abeyance its degree-granting power in the faculty of arts.

St. Hilda's College was founded in 1888 by the Reverend Dr. Body, the second provost of Trinity College, to provide a residence for the women students of Trinity College, together with some separate instruction. At a later date all instruction became fully co-educational and St. Hilda's continued to be the residence for women students of Trinity College and to provide a centre for their social life at university. At the present time the college's connection with the Anglican Church of Canada is traditional and historical. It acknowledges no ecclesiastical control and places no religious or denominational tests or other restrictions upon its students or staff.

COLLEGE GOVERNMENT The college is governed by corporation, which includes 54 faculty, 45 students and 239 "lay" members. Its executive powers are vested in the executive committee. There are 6 faculty, 3 students and 16 "lay" members on the executive committee.

INCOME (1971-1972) Operating income \$1,081,798 (fees, 31%; endowments, 36%; gifts, 8%; government grants, 17%; other, 8%).

PUBLICATIONS "This is Trinity College, Toronto". A descriptive brochure providing information about the college, intended mainly for prospective students from Canada and overseas. The calendar of the faculty of divinity of Trinity College and the bulletin of the Toronto School of Theology describe basic and

*Ordinary member, AUCC.

†Holds in abeyance its degree-granting powers in arts and science during the term of federation with the University of Toronto.

advanced degree programs in theology. The calendar of the faculty of arts and science of the University of Toronto describes undergraduate programs in arts, science and commerce.

Copies of the above-named publications may be obtained from the registrar.

ACADEMIC YEAR Mid-September to early May.

BUILDINGS AND GROUNDS The college is situated on Hoskin Avenue within the University of Toronto campus (Toronto population, 2,316,000). The main quadrangle presently includes a chapel, a library (83,000 volumes), administrative offices, a dining hall, and residence for men. A separate building for classrooms, staff offices and student activities was completed in 1961.

St. Hilda's College, on Devonshire Place, provides residence accommodation for women and additional facilities for women students registered in Trinity College.

STUDENT RESIDENCES Full room and board available for 220 men and 120 women.

LIBRARY College library in main quadrangle holds 83,000 volumes. Students also have use of other University of Toronto libraries.

STUDENT LIFE Services: buttry, lockers for non-resident students, dramatic society, playing field, games rooms, literary institute, common rooms, debating, publications, athletic associations and chapel.

MEDICAL SERVICES The health service and psychiatric service of the University of Toronto are open to Trinity students.

STUDENT COUNSELLING SERVICES Personal and academic counselling provided by the registrar's office. Personal counselling provided by deans of men and women. Academic counselling also provided by members of the university faculty who are senior fellows of the college.

STUDENT GOVERNMENT All students are members of the Joint College Meeting. Its executive is the board of stewards. Membership fees are included in compulsory college fees.

GRADING SYSTEM Arts, science and commerce: as for University of Toronto. Divinity: A – 80+%; B+ – 76-79%; B – 70-75%; C – 60-69%; D – 50-59%; F – below 50%. An overall C average is required with no subject under D in the basic degree course.

STUDENT AWARDS AND FINANCIAL ASSISTANCE The college offers admission and in-course scholarships. Trinity students in arts, science and commerce are also eligible for University of Toronto admission and in-course scholarships. Both University of Toronto and Trinity College admission scholarships in arts, science and commerce are described in the admission awards calendar of the University of Toronto, obtainable from the office of student awards, University of Toronto. Awards in the faculty of divinity are described in the calendar of that faculty.

The college maintains a substantial bursary and loan fund. The college also offers six graduate fellowships providing free room and board in residence for one year, for men and women pursuing

graduate studies at the University of Toronto or in the Toronto School of Theology. Application must be made to the registrar before February 1.

FINAL EXAMINATIONS For arts, science and commerce refer to faculty of arts and science, University of Toronto. For divinity, final examinations are held in all courses in December and April. Supplemental examinations for students conditioned are held in September.

GRADUATION Degrees BA, BSc and BCom are awarded by the University of Toronto. Degrees MDiv, MTh and ThD are conferred by Trinity College early in May each year.

FEES AND COSTS University and college tuition and incidental fees per year: arts, science and commerce – \$728.50 (men); \$717 (women). Divinity, tuition and incidental fees, \$535.50 (men); \$524.50 (women).

Residence rates, room and board, per year: men \$1,100; women, \$1,100.

ADMISSION REQUIREMENTS Same as for the University of Toronto; see separate entry.

For admission to courses leading to degrees in theology, students must normally have obtained a first degree.

COURSES AND DEGREES

ARTS

Faculty of arts and science, University of Toronto

Bachelor of arts (BA). As offered by the University of Toronto. See separate entry.

Business, see commerce

COMMERCE

Faculty of arts and science, University of Toronto

Bachelor of commerce (BCom). As offered by the University of Toronto.

SCIENCE, PURE

Faculty of arts and science, University of Toronto

Bachelor of science (BSc). As offered by the University of Toronto.

THEOLOGY

Faculty of divinity in federation with the Toronto School of Theology

Licentiate in theology (LTh). Three years from first degree.

Master of divinity (MDiv). Three years from first degree.

Master of theology (MTh). At least one year from MDiv.

Doctor of theology (ThD). At least two years from MDiv.

EXTENSION PROGRAMS For arts, science and commerce refer to University of Toronto. There is no extension program in divinity.

CONSTITUENT COLLEGE St. Hilda's College, University of Trinity College, Toronto 181, Ontario. Principal: Miss M.H. Seaman, MA. Founded in 1888. The residence for women students of Trinity College.

UNIVERSITY OF VICTORIA*

P.O. Box 1700, Victoria, British Columbia

Telephone: 604-477-6911

Telex: UVic-Vic

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – R.L. Haig-Brown, LL.D. President – H.E. Farquhar, MA, PhD. Vice-president academic – D.J. MacLaurin, BAsC, MS, PhD, PEng.

GENERAL INFORMATION The university is co-educational, non-denominational and is governed by a board of governors, a senate and a faculty council.

BACKGROUND The University of Victoria came into being on July 1, 1963, but as Victoria College, it had enjoyed a prior tradition of sixty years' distinguished teaching at the university level. These sixty years of history may be viewed conveniently in three distinct stages. Between the years 1903 and 1914, Victoria College was affiliated to McGill University, offering first- and second-year McGill courses in arts and science. Administered locally by the Victoria school board, the college was an adjunct to Victoria High School and shared its facilities. The opening in 1915 of The University of British Columbia obliged the college to suspend operations in higher education in Victoria.

In 1920, Victoria College began the second stage of its development, reborn in affiliation to The University of British Columbia. Though still administered by the Victoria school board, the college was now completely separated from Victoria High School, moving in 1921 into the magnificent Dunsmuir mansion known as Craigdarroch. Instruction in first- and second-year arts and science was offered. The final stage, between the years 1954 and 1963, saw the transition from a two-year college to a university. During this period, the college was governed by the Victoria College council, representative of the parent University of British Columbia, the greater Victoria school board, and the provincial department of education. In 1946 the college was forced by post-war enrolment to move from Craigdarroch to the Lansdowne campus of the provincial normal school. The normal school joined Victoria College in 1956 as its faculty of education. Late in this transitional period (through the co-operation of the Department of National Defence and the Hudson's Bay Company), a 284-acre campus at Gordon Head was acquired. Academic expansion was rapid after 1956, until in 1961 the college, still in affiliation with The University of British Columbia, awarded its first bachelor's degrees.

The University of Victoria was granted autonomy in 1963. It is governed by a board of governors, a senate, and the faculty council. The alma mater society of the university makes special arrangements to assist students coming from abroad. More specifically, it helps foreign students to find accommodation, introduces them to members of the faculty and administration, and assists them with the many problems of living in a new country. The population of the Victoria area approximates 200,000.

BOARD OF GOVERNORS The Board of Governors consists

*Ordinary member, AUCC.

of eleven members: two ex officio, the chancellor and the president; six appointed by the lieutenant-governor-in-council; three elected by the senate of the university. The basic function of the board is the management, administration, and control of the property, revenue and business, and affairs of the university.

SENATE The Senate is composed of the chancellor, the president, the deans of faculties and one member of each faculty, other deans, the librarian, four members appointed by the lieutenant-governor-in-council, six members elected by convocation, two members elected by the alma mater society and one by the graduate students' society. The function of the senate is to provide for the government, management, and carrying-out of curriculum, instruction, and education offered by the university.

INCOME Total operating funds - \$17,911,387 (province of British Columbia, 78.49%; fees, 13.58%; other, 7.93%).

PUBLICATIONS Annual calendar (available from the registrar's office). Summer session calendar supplement (available from the summer session office). Graduate studies brochure (available from the faculty of graduate studies). High school brochure (available from university relations office).

ACADEMIC YEAR Winter session: early September to end of April. Summer session: early July to mid-August.

BUILDINGS AND GROUNDS Apart from ancillary teaching and research installations, the university has six permanent buildings for academic purposes together with a students' union building, a campus services building, two colleges with residences accommodating 290 women and 320 men, a stadium, a gymnasium, playing fields, a restaurant, etc. The library contains approximately 550,000 volumes.

The university is in close proximity to the Pacific Naval Laboratories, the Provincial Archives, the Dominion Astrophysical Observatory and a federal research laboratory for forest products. The federal biological station is located 70 miles to the north in the city of Nanaimo. The university also possesses an astrodome and a computing centre.

LIBRARIES There is a main library containing approximately 550,000 volumes, a curriculum library, and a map library in the geography department.

STUDENT LIFE Every student has an opportunity to help shape the development of university affairs, either through his membership in the alma mater society or in the graduate students' society. Students are included on most of the university's committees concerned with academic policy. Three students are elected to the senate of the university each year. About 60 student clubs offer activities for every taste. In addition opportunities exist for participation in the university chorus, concert band and other musical and performing groups. The climate and the university surroundings lend themselves to many outdoor activities throughout most of the year. The two colleges, whose membership consists of 300 resident students and 700 commuting students, provide further opportunities for students and faculty to strengthen their associations in a relaxed, pleasant atmosphere.

MEDICAL SERVICES The university health service is maintained for the benefit of students who may require medical care and advice. No fee is charged.

STUDENT COUNSELLING SERVICES Each of the undergraduate faculties provides an academic advising service for students at the undergraduate level. The counselling centre offers educational-vocational counselling as well as personal counselling, and is authorized to administer a wide range of tests.

UNIVERSITY BOOKSTORE The university owns and operates a bookstore where students may purchase books and other supplies at moderate prices.

STUDENT EMPLOYMENT A student placement office, operated by Canada Manpower Division and located on campus, assists students to find part-time work during their years at university and posts after graduation.

STUDENT UNION The alma mater society is the recognized means of communication between undergraduate students and the faculty, the administration and the outside community. Fees are \$32.

GRADUATE STUDENT ASSOCIATION The purpose of the graduate students' society is to encourage graduate student participation in the intellectual, cultural and social affairs of the university. Fees are \$15.

GRADING SYSTEM Students' marks are classified as follows: first-class, A+, A, A-; second-class, B+, B, B-; pass, C+, C, D; E (conditional supplemental); F (no supplemental).

STUDENT AWARDS AND FINANCIAL ASSISTANCE The government of British Columbia provides scholarships and bursaries. The University of Victoria itself distributes scholarships and other awards totalling more than \$160,000 each year to its leading scholars. Included are the president's scholarships to a value of \$25,000, awarded to outstanding students, including those who are about to enter their first year.

In addition to the outright grants that have been described, loans with a deferred payment plan are available in case of need. Under the Canada Student Loans Plan of the federal government, the student need not begin repayment until he has left the university. Special financial needs, particularly when they are unexpected and urgent, can be met through the university's rotating loan fund.

FINAL EXAMINATIONS A variety of examination techniques are used, including final examinations which are held in December and April. Supplemental examinations, covering the work of both the first and second terms, are held in August.

GRADUATION Degrees are conferred each year in May by the chancellor of the university.

FEES AND COSTS Undergraduate tuition fees per year, \$428. Part-time students, \$30 per unit. Alma mater society fees, \$32. Graduate tuition fees: master's program (first year), \$450; (second year), \$150. Doctoral program (first year), \$450; (second year), \$450. Part-time, special and qualifying students, \$30 per unit. Graduate students' society fee, \$15.

Room and board in university residences: double room, \$795, single room, \$865.

ADMISSION REQUIREMENTS

Canadian students - undergraduate

1. Graduation from the academic-technical program of a B.C. high school; minimum average of 60% gives priority for admission; at least 50% in each subject; equivalent from other provinces. Students from outside B.C. must meet requirements for university admission in their own province. An evaluation fee of \$10 is required if the applicant presents credentials from outside B.C.

For admission to courses leading to a first degree in education, B.C. residents require graduation on the academic-technical program; others, matriculation.

Foreign students

Equivalent of normal requirements for Canadian students. UK, West Indies, East and West Africa – GCE in five O-level subjects with three at A level and minimum average grade of 3, no subject lower than 4; or equivalent. Hong Kong – Hong Kong University matriculation equivalent to UK GCE as above. India – BA (first-class). USA – in top tenth of grade 12 high school academic graduation (including at least seven semester hours of English, six of a second language, six of mathematics, four of laboratory science) or one year at an accredited university with minimum average of grade B. A student whose mother tongue is not English must provide evidence of a sufficient knowledge of English to pursue university studies successfully. Applicants presenting the international baccalaureate will be considered for admission.

Graduate

For admission to the faculty of graduate studies, an academic standing acceptable to the department or faculty concerned is required. In general, this will be a baccalaureate degree from a recognized university, or its equivalent with a B average (70%) in the work of the last two years.

Date for receipt of applications

Applications for admission, together with all supporting transcripts should be made as early as possible, before August 1 of the year in which admission is sought. Foreign students should apply by June, if possible.

COURSES AND DEGREES

ARTS

Faculty of arts and science

Bachelor of arts (BA). Four years from grade 12 (B.C.). Honors courses available in anthropology, classics, economics, English, French, geography, German, Greek, history, Latin, linguistics, mathematics, philosophy, political science, psychology, Russian, sociology, Spanish.

Faculty of graduate studies

Master of arts (MA). Minimum requirement: 15 units or one full winter session of study. Available in anthropology, English, geography, history, linguistics, mathematics, philosophy, political science, psychology, sociology.

Doctor of philosophy (PhD). Minimum requirement: two full winter sessions of study beyond the MA or three full winter sessions of study beyond the BA. Thesis. Available in English, geography, psychology.

EDUCATION

Faculty of education

Bachelor of education (BEd). Preparing elementary and secondary teachers. Five years from grade 12 (B.C.).

Faculty of graduate studies

Master of arts (MA). Minimum requirement: 18 units or one full winter session of study. Available in areas of educational psychology, educational administration, curriculum and instruction.

Doctor of philosophy (PhD). Educational psychology only.

FINE ARTS

Faculty of fine arts

Bachelor of arts (BA), in history in art. Four years from grade 12 (B.C.).

Bachelor of fine arts (BFA). Four years from grade 12 (B.C.). Programs available in art and in theatre.

Bachelor of music (BMus). Four years from grade 12 (B.C.).

Faculty of graduate studies

Master of arts (MA). Minimum requirement: 15 units or one full winter session of study. Available in music and theatre.

Master of fine arts (MFA). Minimum requirement: 15 units or one full winter session of study. Available in theatre.

Master of music (MMus). Minimum requirement: 15 units or one full winter session of study. Available in areas of composition and performance.

Doctor of philosophy (PhD). Minimum requirement: two full winter sessions of study beyond the MA or three full winter sessions of study beyond the BA. Thesis. Available in music.

SCIENCE, PURE

Faculty of arts and science

Bachelor of science (BSc). Four years from grade 12 (B.C.). Honors courses available in astronomy, bacteriology, biochemistry, biology, chemistry, geography, mathematics, physics, psychology.

Faculty of graduate studies

Master of science (MSc). Minimum requirement: 15 units or one full winter session of study. Available in biology, chemistry, mathematics, nutritional biochemistry, physics, psychology.

Doctor of philosophy (PhD). Minimum requirement: two full winter sessions of study beyond the MSc or three full winter sessions beyond the BSc. Thesis. Available in biology, chemistry, physics, psychology.

EXTENSION PROGRAMS

For university credit

Evening courses — the university provides a substantial offering of courses scheduled in the late afternoon and evening to accommodate adult students, particularly teachers. Summer session — lasting approximately seven weeks, is held during July and August.

For no university credit

Evening and summer sessions — the university offers a limited number of non-credit courses. *La maison française* — a course in practical studies in the French language is offered annually in July and August.

SPECIAL PROGRAMS Interdisciplinary: BA with a major in social welfare; interdepartmental: liberal arts, and science; Pacific studies program.

AFFILIATED INSTITUTION The Victoria Conservatory of Music is affiliated with the University of Victoria. Principal: Robin Wood, FRAM. Students in the bachelor of music program and in the music teaching area in the bachelor of education program receive their solo performance tuition from the faculty of the conservatory.

VICTORIA UNIVERSITY*

(Federated with the University of Toronto)†

73 Queen's Park, Toronto 181, Ontario

Telephone: 416-928-3801

Cable and telex: Viccollege, Toronto.

Direct general correspondence to the registrar

PRINCIPAL OFFICER President and vice-chancellor – J.E. Hodgetts, MA, PhD, FRSC.

GENERAL INFORMATION Victoria University is a provincial, co-educational institution. It is comprised of Victoria and Emmanuel Colleges. Victoria College is the faculty of arts of the University of Toronto, and degrees are awarded by the University of Toronto. While Victoria College retains its traditional affiliation with the United Church, it adheres to the terms of its original charter by not imposing religious tests or requirements of any kind. Emmanuel College gives professional training to candidates for the ministry of the United Church of Canada as well as academic instruction to other students.

BACKGROUND Originally established as the Upper Canada Academy at Cobourg, Ontario, in 1836, degree-conferring powers were granted, under the charter, by the provincial legislature in 1841 and the name of the institution was changed to Victoria

College. When the faculties of medicine, law, and theology were added to the original faculty of arts, Victoria College became Victoria University. In 1892, having entered into federation with the University of Toronto, Victoria moved to Toronto and agreed to hold in abeyance its power to grant degrees except in theology; arts students at Victoria receive their degrees from the University of Toronto.

In 1928, by act of the legislature of the province, Victoria University received an amended charter by which it continues in federation with the University of Toronto and in connection with the United Church of Canada. The two colleges, Victoria College in arts and Emmanuel College in theology (formed by the union of the Victoria University faculty of theology with Union Theological College), are under the control of one board of regents and one senate.

BOARD OF REGENTS The governing bodies of Victoria University are the Board of Regents and the Senate. The board is composed of 43 members – 22 appointed by the United Church of Canada, 8 elected by the alumni of Victoria College, 5 elected by the graduates of Emmanuel College, the chancellor, the president, the 2 principals and 4 co-opted by the board. In addition, there are as non-voting assessor members 6 faculty and 7 students. The board is the governing body of Victoria University.

SENATE The Senate, responsible for academic matters, is composed of the chancellor, the vice-chancellor, members of the permanent teaching staff, professors emeriti, 6 representatives of the board, 10 representatives of the alumni of Victoria College, 6

*Ordinary member, AUCC.

†Holds in abeyance its degree-granting powers in arts and science during the term of federation with the University of Toronto.

representatives of the alumni of Emmanuel College and 2 representatives of Albert College.

INCOME (1970-71) \$2,368,394 (government grants, 23.1%; student academic fees, 47.0%; endowments, 15.6%; miscellaneous, including gifts, 14.3%).

PUBLICATIONS Two student publications, *The Strand* and *Acta Victoriana*.

ACADEMIC YEAR Mid-September to early May.

BUILDINGS, GROUNDS AND RESIDENCES The university is situated on a 15-acre site in the northeast corner of Queen's Park. There are three classroom buildings, a library, staff houses, a gymnasium, students' union and cafeteria, and students' residences accommodating 258 men and 268 women.

LIBRARY The library contains 164,757 volumes and 825 periodical subscriptions. Special features include *Canadiana*, *Canadian church history*, *Coleridge*, *Tennyson*, *Wesleyana*. Centre for Reformation and Renaissance Studies — 12,000 volumes; special features, Erasmus and Renaissance humanism.

STUDENT LIFE Victoria College has a very strong athletic program for both men and women, a very active music club and drama club. In addition there are the French club, German club and classics club and two student newspapers. For politically minded students the Victoria College Students' Union offers an opportunity for participation in the running of the college.

MEDICAL AND COUNSELLING SERVICES Services are provided by the University of Toronto, see separate entry.

UNIVERSITY BOOKSTORE The book bureau is the Victoria University bookstore and carries books in college courses plus some current fiction. Student discount is given at 5% (10% is given on special orders).

STUDENT EMPLOYMENT AND FINAL EXAMINATIONS As for the University of Toronto; see separate entry.

STUDENT UNION The Victoria University Students' Administrative Council is composed of 17 student members who are elected by, and who in turn represent all the undergraduates of both Victoria and Emmanuel Colleges. The council provides financing for the clubs and organizations at Victoria University, offers social and educational programs, chooses student representatives for various committees, and speaks for the students at large on issues of educational and social concern. Fees: \$18 for men; \$15 for women.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Victoria College offers 46 admission scholarships, plus some 100 in-course scholarships, prizes and medals, plus college bursaries. Emmanuel College offers some 60 scholarships, plus college bursaries.

GRADUATION Degrees in theology are conferred by the chancellor or vice-chancellor of Victoria University in the first week of May. Arts and science students receive their degrees from the University of Toronto.

FEES AND COSTS Tuition and incidental fees, \$695. Room

and board, \$138 a month. Emmanuel College: tuition fees, full-time, \$550; incidental fees, \$117; degree fees, \$35. Candidates for the ministry of the United Church of Canada pay no tuition fees. Compulsory student fees (included in above) \$61 (student union \$18; Victoria University Students' Administrative Council \$18; library \$25).

GRADING SYSTEM AND ADMISSION REQUIREMENTS Same as the University of Toronto; see separate entry. For admission to the MDiv course at Emmanuel College, a student must have obtained a first degree from a recognized university.

COURSES AND DEGREES

ARTS

Victoria College, faculty of arts and science, University of Toronto

Bachelor of arts (BA). As offered by the University of Toronto; see separate entry.

Business, see commerce below

COMMERCE

Victoria College, faculty of arts and science, University of Toronto

Bachelor of commerce (BCom). As offered by the University of Toronto; see separate entry.

SCIENCE

Victoria College, faculty of arts and science, University of Toronto

Bachelor of science (BSc). As offered by the University of Toronto; see separate entry.

THEOLOGY

Emmanuel College

Licentiate in theology (LTh). One year arts plus three years' theology.

Master of religious education (MRE). Two years from BA.

Master of divinity (MDiv). Three years from BA.

Master of theology (ThM). One year from BD.

Doctor of theology (ThD). Two years from BD.

CONSTITUENT COLLEGES Victoria College, Toronto 5, Ontario. President: J.E. Hodgetts, MA, PhD, FRSC. United Church affiliation. Co-educational. Established 1836. One of the eight arts colleges within the faculty of arts and science of the University of Toronto. Courses offered leading to the bachelor of arts, the bachelor of science, and the bachelor of commerce degrees of the University of Toronto. Residence accommodation is available for out-of-town students.

Emmanuel College, Toronto 5, Ontario. Principal: Rev. W.O. Fennell, BA, STM, DD. United Church. Co-educational. Established 1928. Courses offered leading to the title of licentiate in theology and to the degrees of master of divinity, master of religious education, master of theology, and doctor of theology which are awarded by Victoria University. Residence accommodation is available for out-of-town students.

UNIVERSITY OF WATERLOO*

Waterloo, Ontario N2L 3G1

Telephone: 519-885-1211

Telex: 0295-759

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — I.G. Needles, AB, LL.D. President emeritus — J.G. Hagey, BA, LL.D. President and vice-chancellor — B.C. Matthews, BSA, AM, PhD. Academic vice-president — H.E. Petch, BSc, MSc, PhD, FRSC. Vice-president, finance and operations — A.B. Gellatly, BA, CGA.

GENERAL INFORMATION The University of Waterloo is a co-educational, non-denominational institution.

BACKGROUND The University of Waterloo is incorporated as a non-denominational institution of higher learning offering courses, both at the undergraduate and the graduate levels in: architecture, arts, engineering, environmental studies, mathematics, optometry, physical education and recreation, and science. Classes commenced in July 1957, with the introduction of the co-operative engineering program.

In March 1959, a private bill was approved by the legislative assembly of the province of Ontario incorporating the University of Waterloo as a degree-granting institution. The university is a

member of the Association of Universities and Colleges of Canada and of the Association of Commonwealth Universities.

Under the terms of The University of Waterloo Act 1972, the university is governed by a board of governors and a senate.

INCOME Total income (operational) — \$31,910,000 (tuition and other student fees — 17.4%; government and other grants — 82.6%).

PUBLICATIONS The University of Waterloo publications include the: University of Waterloo academic calendar; admissions brochure; extramural brochure (degree courses available to part-time students); summer session calendar; post-degree brochure; correspondence program brochure. In addition the various faculties, departments, and church colleges provide several brochures and pamphlets.

Newspapers include — The Gazette published by information services and The Chevron published by the federation of students. The International Students Association publishes a newsletter — World-Room.

ACADEMIC YEAR The University of Waterloo offers programs on the regular and on the co-operative system of study. The regular system follows the conventional eight-month academic year from September until late in April and the student then has a summer vacation. Students in the co-operative system alternate four-month academic terms at the university with four-month work terms in business, industry, or education.

*Ordinary member, AUCC.

Some faculties at the university offer programs only on the regular system, others only on the co-operative system, and still others offer programs on both the regular and the co-operative systems.

BUILDINGS AND GROUNDS The picturesque 1,000-acre campus is located in the city of Waterloo, in the hub of mid-western Ontario. Waterloo, together with its twin city Kitchener, has a combined population of approximately 141,000 and is a thriving industrial centre.

The buildings on the University of Waterloo campus include engineering buildings, science buildings, a mathematics and computer building, a physical education centre, humanities and social science buildings, a student services building, an administration building, a psychology building, an arts lecture hall, an arts library building, two theatres, a student campus centre, a health services building, sports and food services facilities, a bookstore, and a faculty club. An optometry building is now under construction.

The university computing centre has six computers, an IBM system 360/75, an IBM system 360/44, an IBM 1710, and three 1620's. Interfaced with the IBM 360/75 are two IBM 360/20's and a PDP 9 both belonging to the faculty of engineering. The PDP 9 functions separately most of the time. As well, there is an IBM 360/50 belonging to the faculty of mathematics.

STUDENT RESIDENCES Residence accommodation for both men and women is provided on campus by the four church colleges associated with the university, the two non-denominational university residence villages, and the Minota Hagey residence for graduate women. Residence accommodation for married students became available in the fall of 1970.

LIBRARIES The two centres for library service and study on campus, the Dana Porter arts library and the engineering and science library, provide immediate accommodation for more than 525,000 volumes of books and periodicals, with a growing collection of pamphlets, phonorecords, microfilms, and microcards.

STUDENT LIFE The athletic department at the university participates in a strong intercollegiate program through the Ontario Universities Athletic Association and operates an extensive intramural program of recreational and instructional activities. Sports activities at the university include football, basketball, track and field events, hockey, wrestling, swimming and diving, volleyball, golf, soccer, curling, skiing, tennis and squash. Among the social clubs and special services on campus are an amateur radio club, a rifle club, a camera club, a flying club, bridge and chess clubs, a house of debates, several ethnic student associations and political associations, coffee houses, and a record library. Radio Waterloo is owned and operated by students and The Chevron, the weekly student newspaper, is mainly staffed by students. The creative arts board sponsors dramatic and musical productions and concerts and the board of student activities provides a series of pubs, movies, and dances during the year.

MEDICAL SERVICES The campus health services provide health care on a broadly defined basis to full-time registered students. Health services operate an out-patient clinic, a vision clinic and an infirmary. During most of the school term the building is staffed on a 24-hour basis by nurses. There is always a doctor on call. The medical staff consists of a full-time medical director and several family physicians from the Kitchener-Waterloo area who

attend on a part-time basis. The financing of health services is primarily from student fees.

STUDENT COUNSELLING SERVICES The goal of the university counselling services is to provide effective assistance to individual students. Professionally trained counsellors assist students with vocational, personal, marital and/or emotional development problems during the university years. Counselling services offer a wide variety of programs and techniques (including individual and/or group counselling, psychological and vocational testing, and a self-serve reference and loan library of occupational, educational and sex information).

UNIVERSITY BOOKSTORE University of Waterloo students may purchase textbooks, stationery and engineering supplies at the bookstore which is open weekdays throughout the year. In addition to textbooks, reference material, paper supplies, crested gift and souvenir items and drawing materials, the bookstore features a large display of quality paperbacks.

STUDENT EMPLOYMENT The department of career planning and placement offers assistance in determining career goals. Types of current organizations and agencies compatible with the individual student's needs and abilities are explored during personal interviews. Career information is made known, such as the availability of opportunities, salaries and trends. A broad selection of active company or agency files containing background information and employment histories is available for perusal. The careers information centre contains descriptive material on most occupations. Several hundred companies are invited to conduct on-campus interviews for graduating students at all levels.

STUDENT UNION At the University of Waterloo the opportunity to participate in the many activities of the university is provided by the Federation of Students and its various agencies. All students of the university are members of the federation. The principal objectives of the federation are: to promote the welfare and interests of the students of the university; to act as the representative of the students; to promote and maintain responsible student government; to promote and co-ordinate student participation in athletics, cultural and social activities; and to promote and maintain communication between the student body and the duly elected and appointed authorities of the university. Twenty-five elected members plus officers make up the Students' Council which is the governing body of the federation. Members representing all faculties, societies and colleges are included.

GRADUATE STUDENT ASSOCIATION The Graduate Student Union (GSU) was formed in 1970 and membership is voluntary. The purpose of the GSU is to advance the common interests of its members in intellectual, academic, social and athletic matters. The governing body of the GSU is the Graduate Student Council, made up of about 30 elected students from all faculties.

GRADING SYSTEM The university has a common grading system for all faculties. Under this system, grades for all courses appear on grade reports and transcripts either as one of 15 letter grades from A plus through F minus, or as numeric marks on a 100-point scale. Each faculty (or comparable academic unit) chooses one or the other; all departments within the faculty then use the system chosen.

The following provides details of grading scales, interpretation of averages, symbols, etc.

Letter Grades	Percentage Ranges	Weighting Factors
A+	90-100	95
A	85-89	89
A-	80-84	83
B+	77-79	78
B	73-76	75
B-	70-72	72
C+	67-69	68
C	63-66	65
C-	60-62	62
D+	57-59	58
D	53-56	55
D-	50-52	52
F	42-49	46
F	35-41	38
F	0-34	32

Interpretation of averages: 80-100%, first-class honors, excellent. 70-79.99%, second-class honors, very good. 60-69.99%, third-class honors, good. 50-59.99%, passing. 0-49%, failure.

STUDENT AWARDS AND FINANCIAL ASSISTANCE The University of Waterloo administers the Canada student loans plan and the Ontario student awards program and has a limited number of scholarships and several bursaries. Small loans on a short-term basis are also available for emergency situations.

FEES AND COSTS Note: (r) designates regular system of study per year; (co-op), co-operative program per four-month academic term.

Tuition and incidental fees, full-time students. Arts (r) \$674.30. Engineering (co-op) \$416.70 per term. Environmental studies (r) \$676.30, (co-op) \$415.95 per term. Graduate studies \$895.29. Integrated studies (r) \$671.80. Mathematics (r) \$676.80, (co-op) \$398.70 per term. Physical education and recreation (r) \$675.80, (co-op) \$398.70 per term. Science (r) \$675.80, (co-op) \$398.20 per term.

Residence fees range from approximately \$990 to \$1,120 depending upon the type of accommodation.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. The overall university requirement will be assurance from the secondary prerequisites to the secondary school honor graduation diploma have been satisfied. In order to be considered for admission, applicants to all programs will normally be required to achieve a 60% overall average in their grade 13 standings. The university expects to fill the majority of places available to grade 13 applicants using the following criteria – grade 13 interim standing, grade 12 final standing, principal's recommendation.

Applicants whose interim standings are not sufficient for admission will be considered on the basis of the grade 13 final standings and qualified applicants will be admitted until the remaining places are filled.

2. Recommendations for admission. It is recommended that applicants normal program which has involved preparation in more than three subject areas. A subject area for these purposes is an area of study, i.e., mathematics, English, biology, as opposed to courses such as mathematics A, mathematics 551, English composition, history of Canada. The terms science, humanities, and languages are not treated as subjects in the listing of admission requirements. Please note that these recommendations are made in order to assist students in their preparation for study at university. Where recommendations are stated, the university will consider all applicants regardless of their grade 13 programs. Where specific requirements are stated, it is expected that applicants will include these requirements in their grade 13 program.

3. Specific requirements. Arts – English, a language other than English, and to the proposed program of study recommended. Engineering – 60% overall average required in relations and functions, calculus, algebra, chemistry, physics. Applicants without specific grade 13 requirements but with high overall standing including relations and functions, and calculus are encouraged to apply. Environmental studies, architecture, (pre-professional program), urban and regional planning, geography, man-environment studies – 60% overall average required in relations and functions, calculus, and physics. Selected applicants to architecture and urban and regional planning may be required to be interviewed. Applicants to environmental studies are urged to present at least one grade 13 mathematics course. Integrated studies – applicants will be considered on basis of personal interview. Mathematics – 60% overall average in relations and functions, calculus, and algebra, however, 66% overall average required for co-operative program. Physical education, recreation, kinesiology – grade 13 calculus, biology, chemistry and physics. Recreation – grade 13 biology and geography recommended. Science (including optometry) – 60% overall average in relations and functions, calculus, two science courses one of which must be physics or chemistry. Co-operative applied physics program requires 70% in mathematics and physics – grade 13 chemistry and physics recommended.

Foreign students

UK, West Indies – GCE in five subjects at least two at A level or SCE in Scotland. USA – academic high school graduation with additional year of study in subjects comparable to Ontario grade 13. Hong Kong – GCE or Hong Kong University matriculation in at least five subjects, including two at A level; Hong Kong Chinese University first-year standing with courses appropriate to proposed university program. India – BA or BAsC (1st or 2nd). Europe – maturity of matriculation certificate. Central and South America – first-year university with at least (B-) standing. Francophone countries – baccalaureate.

Applicants whose mother tongue is not English must present satisfactory scores on either the University of Michigan English Language test or the test of English as a foreign language. Applicants to co-operative programs must obtain landed immigrant status before applying. Certificates in languages other than English must be accompanied by certified translations. Applicants submitting the international baccalaureate will be considered for admission.

Mature students

Individuals of mature age who have been away from formal education for more than two years, and who do not possess the minimum requirements may apply for admission. They should attempt to obtain standing in at least one Ontario grade-13-level subject or its equivalent chosen to relate to the proposed university program.

Graduate

Students applying for admission to graduate studies should possess an honors bachelor's degree or equivalent from an approved university or college with such standing that they will be acceptable to a faculty graduate committee to study for a higher degree.

Date for receipt of applications

Applications for admission should be made as early in the year as possible. Academic certificates (not diplomas) and other supporting documents should be forwarded as soon as they become available. Admission cannot be granted until all requirements have been met and all required documents submitted. All applicants must apply and have submitted all necessary documents by July 1st. Persons applying after this date cannot be guaranteed consideration of their application.

COURSES AND DEGREES

ARCHITECTURE

School of architecture — faculty of environmental studies

Bachelor of environmental studies (BES).

Bachelor of architecture (BArch). Available in pre-professional program in architecture (three years' co-operative work/study program — BES). Professional architecture (two years following completion of the BES pre-professional program in architecture. Co-operative program — see "special programs" section).

ARTS

Faculty of arts

Bachelor of arts (BA). (a) General program — three years. (b) Honors program — four years. Programs are available in: anthropology, Canadian studies, classical studies, economics, English, English (drama), fine arts, French, geography, German, history, human relations, Latin, philosophy, political science, psychology, religious studies, Russian, sociology, and Spanish. Various combinations of the above programs are also available.

ENGINEERING

Faculty of engineering

Bachelor of applied sciences (BASc). Honors program — four and two-thirds years. Co-operative system of study only (see "special programs" section). Programs are available in: chemical, civil, electrical, mechanical engineering, and systems design.

ENVIRONMENTAL STUDIES

Faculty of environmental studies

Bachelor of environmental studies (BES). Programs are available in: geography (major in geography — three years, honors geography — four years); man-environment studies (honors program — four years).

Graduate studies

Master of arts (MA). Program is available in: economics, English, French, geography, German, history, philosophy, political science, psychology, regional planning and resource development, Russian, and sociology.

Master of applied science (MASc). Program is available in: applied psychology (co-operative — see "special programs" section), chemical, civil, electrical, and mechanical engineering, management science, and systems design.

Master of mathematics (MMath). Program available in applied analysis and computer science, applied mathematics, combinatorics and optimization, pure mathematics, and statistics.

Master of science (MSc). Program is available in: biology, chemistry, earth sciences, physics, physiological optics, and kinesiology. The minimum period of registration for the master's degree is one academic year from an honors bachelor's degree or equivalent, except in certain clearly identified two-year master's programs.

Master of philosophy (MPhil). Program is available in: English, German, history, mathematics, and philosophy. The MPhil is a scholarly degree intermediate between the MA and the PhD. Candidates are normally admitted to the MPhil program after having completed an honors bachelor's degree. The minimum requirements for the MPhil are satisfied when the candidate has: 1) successfully completed six two-term courses (or twelve-term courses); 2) presented and defended a thesis embodying the results of his study on an approved topic.

Doctor of philosophy (PhD). Program is available in: biology, chemical engineering, chemistry, civil engineering, electrical engineering, geography, German, history, management science, mathematics, mechanical engineering, philosophy, physics, psychology, regional planning and resource development, Russian, sociology, and systems design. The minimum period of registration for the PhD is two years from the completion of a master's degree, or three years from the completion of the honors bachelor's degree.

INTEGRATED STUDIES

Program of integrated studies

Bachelor of independent studies (BIS). The integrated studies program is designed to give students a freer atmosphere in which to both gather knowledge and use it for self-fulfilment and self-realization. Students may set their own goals and proceed toward them through independent research, course work, seminars and tutorials, special projects and field work, or any combination of the above. Students may become involved in projects both inside and outside the university; they may make use of the resource people assigned within the Integrated Studies unit or turn to the

wider university community for knowledge. Applicants to this program must show a strong aptitude for self-direction and independent study and the ability to flourish in an unstructured academic setting.

MATHEMATICS

Faculty of mathematics

Bachelor of mathematics (BMath). (a) Pass degree program — three years; (b) general program — four years; (c) honors program — four years. Programs are available in: actuarial science, applied mathematics, combinatorics and optimization, mathematics and economics, mathematics and English, mathematics and geography, mathematics and philosophy, mathematics and psychology, mathematics and sociology, pure mathematics, statistics, statistics and psychology.

Honors co-operative program, four and two-thirds years — see “special programs” section. Co-operative program is available with specialization in the following areas: actuarial science, business administration, chartered accounting, applied analysis and computer science, combinatorics and optimization, statistics, and teaching.

OPTOMETRY

School of optometry — faculty of science

Doctor of optometry (OD). Honors program — five years. The first year is a pre-optometrical year preparatory to four years of the professional optometrical program. The courses are designed to qualify men and women for the practice of optometry and also to provide the student with sufficient general and specialized knowledge in science to enable him to follow a career in research or teaching.

PHYSICAL EDUCATION AND RECREATION

Faculty of human kinetics and leisure studies

Bachelor of science (kinesiology) [BSc(kinesiology)]. Bachelor of arts (recreation) [BA (recreation)]. Program is available in kinesiology and recreation and may be studied under either the regular or the co-operative system of study.

SCIENCE

Faculty of science

Bachelor of science (BSc). (a) General program — three years and four years; (b) honors program — four years. Programs are available in: biology, biology and chemistry, chemistry, chemistry (mathematics or physics option), earth sciences, earth sciences (geology option, earth sciences and geography), physics, and physics (business options).

Honors co-operative program, four and two-thirds years — see “special programs” section. Co-operative program is available in: applied chemistry and applied physics.

URBAN AND REGIONAL PLANNING

School of urban and regional planning — faculty of environmental studies

Bachelor of environmental studies (BES). Program available in: honors urban and regional planning, four years.

EXTENSION PROGRAMS

For university credit

Extramural courses. The majority of undergraduate courses available in the evening during the fall and winter are offered through the faculty of arts. These courses are available to full-time students as well as to part-time students. At the present time the university does not have a formal program of studies for extramural students that would guarantee a certain sequence of courses leading to a degree in a specified period of time. However, present and future offerings are planned so as to enable students to complete the requirements of the general BA program in any of the ten departments within the faculty of arts. Students wishing to pursue a degree program on a part-time basis in one of the other faculties should contact the registrar or the appropriate faculty for further information.

Summer session. The summer session program has been planned to meet the different needs of various kinds of students. These include: 1) current university students, either full- or part-time, who wish to take one or two courses; 2) entering students, from grade 13 or elsewhere, who wish to begin their university studies in the summer with the intention of completing their degree requirements more quickly than usual or to facilitate their adjustment to university; 3) post-degree program students who require honors courses to meet the academic requirements for specialist standing of secondary school teachers; 4) other students who may not be interested in a degree, but who wish to take university-level courses. The summer session has been planned to enable students to complete the general BA requirements on a part-time basis.

For no university credit

Marketing and management courses. The Centre for Continuing Studies in Marketing and Management offers marketing and management courses and seminars in the field of continuing education for upper or middle management people at all levels of line and staff responsibility. Courses and seminars include such topics as: field sales management, advertising management, marketing research, product management, and generalized management and labor relations. Special workshops are held in human relations, communications, motivation, managing management time, and leadership. The Canadian Institute of Management four-year certificate program is offered through the centre.

SPECIAL PROGRAMS

The co-operative study system at the University of Waterloo consists of alternating study and work terms. There are eight four-month academic terms and six four-month related work terms spent in industry, business, and education. Students enrolled in the co-operative system of study must perform satisfactorily during their co-operative work assignments as well as during their academic terms at the university.

Co-operative education is based on the principle that during the undergraduate years an academic program combined with integrated work experience in alternating terms, is relevant to, and

desirable for, effective professional preparation. The work terms allow the student to acquire experience in the area of his career interest, while the academic terms are devoted to fundamental and theoretical studies. Various programs in several faculties may be studied under the co-operative system. See the "courses and degrees" section for further information.

Inter-faculty program board. The inter-faculty program board originates and sponsors multi-disciplinary courses open as electives to properly qualified students within the university. These courses, some of which will be concerned with crucial problems confronting today's world and approaches to their solutions, are intended specifically for students enrolled in existing programs. In particular, these courses are focused upon technological and social problems, social justice, non-violence and political realities, leisure and society, and models of man. There is also a communications studies program.

Program of integrated studies, see integrated studies under section "courses and degrees".

RESEARCH OFFICES The Office of Research Administration is responsible for the administration of research grants, applications, and contracts for the University of Waterloo. The office acts as a centre of communication between granting agencies and members of the university staff. It also administers the university's patent assistance program.

The University of Waterloo Research Institute, established in 1967, provides a working liaison between the university and outside organizations in contract research and development. The WRI arranges and manages research and development programs sponsored by industry, business, and government. The institute

draws upon the resources of all faculties of the university to achieve this purpose.

The Office of Human Research, established in 1971, reviews university research programs involving human subjects, as to ethical acceptability, legal liability, and medical advisability. As the official liaison office between the university and local, public and separate, school boards, the OHR is responsible for obtaining school-age children for suitable university research programs.

FEDERATED COLLEGE St. Jerome's College, a church-related, liberal arts college, entered into federation with the University of Waterloo in July 1960. St. Jerome's College offers courses in conjunction with the university leading to the BA degree and the BMath degree. In September of 1962 the college opened three new buildings on the university campus; a teaching and administration building, a men's residence, and a women's residence under the supervision of the School Sisters of Notre Dame.

AFFILIATED COLLEGES Renison College is an Anglican arts college that was founded in 1959 and has been affiliated with the university since 1960. In conjunction with the university, Renison offers courses in international studies, social work, and general arts leading to a BA degree. The college has residence accommodation for men and women. Co-educational.

St. Paul's College is a residential and teaching affiliate of the university sponsored by the United Church. The college offers elective courses in religious studies for academic credit towards degrees in arts, mathematics, and science. The residence provides accommodation in 75 semi-private rooms for both men and women.

Conrad Grebel College is a Mennonite church-supported college that affiliated with the university in 1961. Courses are offered in music, religious studies, and sociology. Residence accommodation is available for both men and women.

WATERLOO LUTHERAN UNIVERSITY*

Waterloo, Ontario

Telephone: 519-884-1970

Telex: 0695476

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor – Honorable Paul Martin, PC, QC, LL.D. President and vice-chancellor – F.C. Peters, BA, BD, MSc, PhD, ThD. Vice-president (academic) – N.H. Taylor, BA, MA, PhD. Vice-president (controller) – T. Giesbrecht (Miss).

GENERAL INFORMATION Waterloo Lutheran University is a privately operated institution related to the Eastern Canada Synod of the Lutheran Church in America. The main sources of income are student fees and government assistance. The university is co-educational and is open to all qualified students, either full-time or part-time, regardless of faith. Faculty members are retained on the basis of professional training and ability in their particular field. The university seeks to retain its high standards of scholastic achievement by restricting the full-time undergraduate and graduate enrolment to 2,800 students.

BACKGROUND On July 11, 1910, as a result of a mutual agreement between the Canada synod and the synod of central

Canada, a board of management was organized to establish a Lutheran theological seminary in Canada. The town of Waterloo was selected as the location and the Evangelical Lutheran Seminary of Canada was formally opened on October 30, 1911, and incorporated under the laws of the province of Ontario in 1913.

Facilities for pre-theological education were established in 1914. For 15 years, courses leading to senior matriculation were given in the Waterloo College School. In 1923 the school offered a one-year arts course beyond senior matriculation. In 1924 this venture was expanded into the third of Waterloo's education units, the Waterloo College of Arts, offering a four-year arts course. Emphasis having been shifted to higher education, the preparatory courses of the college school were reduced and finally abandoned in 1929. In 1925 the faculty of arts under the name of Waterloo College became affiliated to The University of Western Ontario. Five years later Waterloo College was granted the right to offer courses leading to the BA honors degree.

With the purpose of expanding the program of higher education at Waterloo, particularly in science, a non-denominational board of governors was organized and in June 1956 this board established the associate faculties offering courses in science and engineering. In this way science facilities were developed with the assistance of provincial grants not available to denominationally controlled universities in Ontario. The associate faculties pioneered the first co-operative engineering program in Canada and continued its development with Waterloo College until 1959 when it severed its connection and received a provincial charter, becoming the University of Waterloo. Also in 1959, the Evangelical Lutheran Seminary of Canada applied for a revision of its charter

*Ordinary member, AUCC.

changing the corporate title to Waterloo Lutheran University and giving the institution university powers and degree-granting rights. By mutual agreement, the affiliation of Waterloo College to The University of Western Ontario was terminated when the new charter became effective on July 1, 1960. There are five distinctive units controlled by the university: (i) Waterloo University College, the faculty of arts and science, for men and women of all faiths; (ii) school of business and economics; (iii) Waterloo Lutheran Seminary which educates men for the ministry; (iv) the graduate school of social work; (v) graduate council in arts. In August 1961, the Mennonite Brethren College of Arts in Winnipeg, Manitoba, affiliated to the university and provided two years of the BA (general) program. This affiliation was terminated June 30, 1971.

The board of governors is responsible for all university matters but has delegated academic responsibilities to the senate. The senate reports to the board of governors.

BOARD OF GOVERNORS Twenty members are on the board of governors (16 representing Canada Synod, 2 representing Lutheran Church in America, 2 representing alumni), elected for three-year terms. The board serves as the highest governing body; establishes general policies.

SENATE The Senate establishes the academic policies of the university. It is composed of the following members: administration — 14; elected faculty members — 26; students — 8; alumni — 4; secondary school representatives — 2; for a total of 54.

INCOME Total revenue for the year amounted to \$7,475,-218. Sources of operating revenue included student academic fees (46%), church support (2%), government grants (50%), endowment and miscellaneous income (2%).

PUBLICATIONS The university prepares the following publications annually which may be secured from the following offices: office of the registrar — university calendar; admissions bulletin and brochures; intersession and summer session calendar; extension session calendar; introducing W.L.U. Director of graduate studies — graduate studies calendar. Office of publication — The Campus published quarterly for alumni members; The Walrus published monthly for faculty, students and staff from September to April.

ACADEMIC YEAR Winter session: early September to end of April. Summer session: part I — May to end of June; part II — early July to mid-August. Extension and evening session: September to end of April.

BUILDINGS AND GROUNDS Waterloo Lutheran University is located in the twin cities of Kitchener and Waterloo, a prosperous community of 135,000 in the province of Ontario. The campus has developed rapidly since 1961 with 16 building projects having been completed. The entire campus is of modern design and construction. The complex of buildings consists of the arts building, central teaching building, the seminary which is shared with the graduate school of social work, the university library, the theatre-auditorium, educational services centre, dining hall and campus centre. An athletic complex is under construction.

STUDENT RESIDENCES Women's residence — 241 students; west hall — 95 men; east hall — 162 men; south hall — 164 men; graduate residence — 60 men and women.

LIBRARY The library's five floors can accommodate 275,000 volumes and 900 readers. There are borrowing privileges from the

neighboring University of Waterloo. Telex facilities are available with other Ontario, Canadian and United States university libraries.

STUDENT LIFE The campus has a theatre-auditorium with a seating capacity of 1,400; a new athletic complex featuring a swimming pool, basketball courts and squash courts; a student union building which houses a recreation area, lounges and a multipurpose ballroom; and five residences for 750 students and a housing office. Foreign students are assigned to a foreign student advisor and also have use of Hammerskjold house for international students.

MEDICAL SERVICES Medical services are available to full-time and part-time students in the health services office. Several nurses and a staff doctor are on duty daily throughout the year.

STUDENT COUNSELLING SERVICES The counselling services program seeks to assist the student in attaining his highest potential in intellectual, physical, emotional and spiritual development. Career counselling, study aids and personal counselling are available.

UNIVERSITY BOOKSTORE The following items are available in the bookstore: textbooks required for courses; paperback, trade and reference books; stationery supplies; sundries and crested goods; records; magazines; etc. No discounts are given with the exception of books for bookstore staff (30%).

STUDENT EMPLOYMENT On- and off-campus employment services are offered by the director of student awards and placement. Part-time and summer job placements are available.

STUDENT UNION The Student's Administrative Council is elected by the student body annually. Its purpose is to represent and promote the general welfare of the student body and to provide for the proper and adequate management of student affairs. Student union fees are: full-time — \$62; part-time (summer session) — \$5.

GRADING SYSTEM Grade A+ — 12 points; A — 11; A- — 10; B+ — 9; B — 8; B- — 7; C+ — 6; C — 5; C- — 4; D+ — 3; D — 2; D- — 1; F — 0. Undergraduates must maintain a minimum grade point average of 7.00 in the honors program and 4.00 in the general programs to proceed.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Matriculation scholarships: Centennial scholarships valued at \$1,500 annually for senior matriculation students who achieve a minimum of 90%. Faculty-board scholarships valued at \$400 annually for senior matriculation students who achieve a minimum of 80%. Proficiency scholarships valued at \$250 annually for senior matriculation students who achieve a minimum of 75%. W.L.U. student-aid bursaries ranging in value from \$50 to \$100 are available to students who attain a minimum of 60% and are in financial need. Ontario Student Awards Program — awards under this program are made available to all full-time students who demonstrate need of financial assistance. Financial aid involves both loans and grants.

FINAL EXAMINATIONS Final university examinations are held at the conclusion of every session; i.e., in April and August. Exemptions may be permitted by the senate committee on examinations and standings.

GRADUATION Graduation exercises are held during the

second half of May and the end of October of each year. Degrees are conferred by the chancellor, by the president and vice-chancellor and assisted by the vice-president (academic).

FEES AND COSTS Tuition fees per year. Full-time: undergraduate — arts, business administration, economics, science, \$620; graduate — arts, \$585, social work, \$740, theology, \$585. Miscellaneous compulsory fees per year: undergraduate — \$62, graduate — \$25. Part-time: \$125 per course.

Residence rates, board and room — \$1,000 per academic year based on a 7-day meal ticket.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Educational level equivalent to full Ontario honor graduation diploma (grade 13) with a minimum average of 60% in six credits. Principal's report and recommendation.

2. Specific requirements. General arts — English recommended. Honors arts — English recommended, higher minimum standing required in subjects specified by department of study. Science — mathematics (two credits) and two of biology, chemistry, physics. Music — grade 11 theory (or equivalent) with grade VIII piano for piano or organ students, or grade VI piano for voice students. Business administration or economics — English, mathematics (two credits) recommended.

Foreign students

UK and Commonwealth — GCE in five subjects with at least two at A level. USA — grade 12 high school academic graduation and 24 satisfactory semester hours in first year at an accredited university. Others — students eligible for admission to a recognized college or university in his home country may be admissible. Applicants submitting the international baccalaureate will be considered for admission. All students whose mother tongue is not English must present satisfactory scores on the University of Michigan English language test.

Mature students

Adults, age over 21 years with junior matriculation and at least two years' working experience, may be admitted to extension courses. Adults, age over 23 years with less than junior matriculation, may be admitted.

COURSES AND DEGREES

ARTS

Faculty of arts and science

Bachelor of arts (BA). General program, three years from senior matriculation. Available in anthropology, classics, economics, English, French, geography, German, Greek, history, Latin,

mathematics, music, near eastern studies, philosophy, political science, psychology, religious studies, romance languages, sociology, Spanish and combinations of these.

Honors program, four years from senior matriculation. Single honors programs offered: English, French, geography, history, Latin, philosophy, political science, psychology, religion and culture (pre-theology, near eastern studies), sociology. In addition a wide variety of honors combinations is also available.

Council of graduate studies

Master of arts (MA). At least two years from general BA or at least one year from honors BA. Offered in history, geography, political science, psychology, religion and culture and romance languages.

BUSINESS AND ECONOMICS

School of business and economics

Diploma in business administration, six full courses. Open to experienced businessmen.

Diploma in accounting, 9 full courses. Open to students admitted to the university.

Bachelor of arts (BA). Honors program, four years from senior matriculation. Available in business administration and economics.

DIVINITY

Waterloo Lutheran Seminary

Master of divinity (MDiv). Three years from an undergraduate degree.

MUSIC

Faculty of arts and science

Bachelor of music (BMus). General program, three years from senior matriculation. Available in general music and church music options.

SCIENCE

Faculty of arts and science

Bachelor of science (BSc). General program, three years from senior matriculation. Available in biology, chemistry, geography, mathematics, and physics.

SOCIAL WORK**Graduate school of social work**

Master of social work (MSW). Two years from an undergraduate degree. The program is based on a combination of on-campus and field-practice terms.

COMBINED COURSES

Combined master's programs in social work and theology as well as arts and theology are also available.

EXTENSION PROGRAMS

For university credit

Extension and evening credit programs — undergraduate courses

are offered on Saturdays in Waterloo, Brampton and Orillia leading to the general BA degree. Courses are available in the humanities, social sciences and business administration. Evening credit courses are also offered by the school of business and economics on the Waterloo campus.

Summer session — courses are offered for undergraduates proceeding to a BA degree and for teachers who may wish to improve their professional qualifications towards graduate degrees. Subjects offered are chiefly arts, science and business administration. Special courses are also taught in England and Palestine.

For no university credit

Special short-term courses are offered by the departments of English and music and the school of business and economics during the regular session.

SPECIAL PROGRAMS A series of seminars and lectures is offered annually by the school of business and economics.

THE UNIVERSITY OF WESTERN ONTARIO*

London 72, Ontario

Telephone: 519-679-2311

Direct general correspondence to the registrar

PRINCIPAL OFFICERS President and vice-chancellor — D.C. Williams, BA, MA, PhD, LL.D. Vice-president (academic) and provost — R.J. Rossiter, BSc, DM, MA, DPhil, BMBCh, FRIC, FCIC, FRSc. Vice-president (health sciences) — O.H. Warwick, MA, MD, CM, MRCP, FRCP(C), FACP, LL.D. Vice-president (administration and finance) — A.K. Adlington, BA.

GENERAL INFORMATION The university's government is under provincial and municipal control and is co-educational and non-denominational (with the exception of some of its affiliated colleges).

BACKGROUND "The Western University of London, Ontario" received its charter from the legislature of the province of Ontario in 1878. Teaching began in 1881 and the first classes graduated in arts and in medicine in 1883. In 1923 by act of the provincial legislature, the name of the university was changed to The University of Western Ontario.

Western is composed of the faculties of arts, dentistry, engineering science, graduate studies, law, medicine, music, nursing science,

social science; the schools of business administration, library and information science; Althouse College of Education; and the following arts colleges affiliated with the university: Huron College (see separate entry), Brescia College (see separate entry), and King's College (see separate entry).

Present authority is given by the university act of 1878 as amended in 1967. The university act provides for a board of governors, responsible for the business management of the university, and a senate responsible for academic policy.

BOARD OF GOVERNORS The board is partly appointed by the lieutenant-governor-in-council, partly by the London City Council, partly by the board of governors, partly elected or appointed by the alumni association and partly elected by the senate; one member (non-student) is elected on such terms as the board of governors may determine. The president of the university, the mayor of the city of London, the warden of the county of Middlesex and the chancellor of the university are ex-officio members of the board. The board is responsible for the business management of the university.

SENATE Senate is composed mainly of elected and ex-officio faculty members, partly of members from the board of governors, affiliated colleges, student body, and members of the general community elected by the senate. The president and vice-chancellor is chairman of the senate. Senate is responsible for academic policy.

PUBLICATIONS A composite calendar of the university is available as are individual faculty calendars. Also of interest are

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the booklets "general information" and "information for prospective students from countries outside Canada".

ACADEMIC YEAR Winter session: mid-September to mid-May. Summer session: early July to mid-August. Faculty of graduate studies: fall term (mid-September); winter term (mid-January); summer term (mid-May).

BUILDINGS AND GROUNDS In 1968 Western became 90 years old. Officially known as "The University of Western Ontario", the move to the present 500-acre campus along the River Thames in North London was made in 1924.

Today there are more than 45 buildings, including a health sciences centre, observatories, a wind tunnel, and a bio-engineering building. The health sciences centre, now that the university hospital is completed, has 22 acres of floor space devoted to study and research in the health sciences. An observatory with a 48-inch reflector telescope is located some 15 miles north of the campus. Other special facilities include faculties and schools for business administration, law, engineering, music, library and information science, and a college of education.

A co-educational, non-denominational institution, Western has three affiliated denominational colleges (each has its own campus close to the North London campus): Brescia College (Roman Catholic); Huron College (Anglican) and King's College (Roman Catholic).

Special research facilities in: cancer research laboratory; agricultural research institute; centre for radio science; photochemistry laboratory; wind tunnel; university observatories; computing centre. Current research papers are listed in the annual President's Report.

STUDENT RESIDENCES Spencer hall has accommodation for 86 students, Delaware hall — 452 students, and Maitland hall — 306 students. Application forms for admission to women's residences may be obtained from the dean of women.

Medway hall, Sydenham hall, and Saugeen hall are Western's three men's residences. Medway hall accommodates 300 students, Sydenham hall — 292 students, and Saugeen hall — 901 students. Application forms and further details may be obtained from the residence admissions office, Saugeen hall.

Married students' apartments include 300 one-bedroom and 100 two-bedroom apartments. For information and application forms write to: the business manager, married students' apartments, The University of Western Ontario, London 72, Ontario.

Brescia College has accommodation for 128 students, Huron College — 200 men and 100 women, King's College — 310 students (men and women). Westminster College is a co-educational residence for students at The University of Western Ontario. It has accommodation for 230 men and women.

LIBRARIES The general library is housed in the new D.B. Weldon library, opened in June 1972. Libraries and reading rooms are also located in the Josephine Spencer Niblett faculty of law building, Alexander Charles Spencer faculty of engineering building, medical sciences building, Kresge school of nursing building, natural sciences centre, Richard Ivey school of business administration building, A.E. Silverwood faculty of music building, Althouse College of Education and the school of library and

information science. The affiliated colleges (Huron College, Brescia College and King's College) each provide good undergraduate libraries with collections meant to complement holdings of the other libraries. The book collections of the university total over 800,000 volumes and 500,000 microforms. Currently the university receives annually about 13,500 periodicals in all subjects and in many languages.

STUDENT LIFE Opportunities exist for participation in student government and in university student publications such as the bi-weekly Gazette and literary and professional periodicals. There are clubs for debating, music, drama, religion, politics and art. There are clubs associated with the departments of English, history, mathematics, French, German, Russian, Spanish, philosophy and psychology as well as those concerned with such recreations and hobbies as chess, skiing, radio broadcasting, investment, sky-diving and scuba-diving.

Western's intercollegiate teams participate in 15 sports: archery, badminton, basketball, football, golf, harrier, hockey, rowing, soccer, squash, swimming, tennis, track and field, volleyball and wrestling. Gymnastics, skiing, curling, fencing, rugger and water polo are also offered. An intramural schedule in these and other sports is a vital part of the athletic program offered for both men and women. All full-time students are automatically members of the athletic association and have the privilege of participating in its activities, voting and holding office.

MEDICAL SERVICES The health service clinic is located on campus where students may consult the physicians for general medical care.

STUDENT COUNSELLING SERVICES The university has two admissions and secondary school liaison officers, and they are available to handle the problems of individual students. The educational and vocational counselling service provides individual counselling by a professionally trained staff. There is an extensive occupational-vocational library available to students. The university provides an academic counselling service during the summer months to advise incoming freshmen on their choice of courses in their first-year programs. The offices of the deans of faculties and the various departments of the university offer academic counselling to all students throughout the year. The religious needs of the university community are attended to by chaplains from various denominations.

STUDENT EMPLOYMENT The student placement service offers a year-round program to assist students and graduates with their summer, part-time and permanent employment needs. An on-campus recruiting program, bringing over 200 firms and agencies to the campus to interview students for permanent and summer jobs is available. A listing service is available providing details of numerous current, summer, part-time and permanent employment possibilities.

STUDENT UNION Western's student government (University Students' Council) provides more services and is involved in more programs than any student organization of its type anywhere in Ontario. All major policy decisions on its activities are made by a 48-member council, which includes representatives of all undergraduate faculties, the graduate faculty and the affiliated colleges. The president of the council is elected by the student body to serve a one-year term. Five vice-presidents attend to external affairs, educational development, the many operations of clubs and organizations, legal and housing matters, publications and radio, and the budget of over \$600,000 that the many student-sponsored programs demand. The more than 200 activities under

the umbrella of the USC offer many diversified opportunities for students at Western to learn and participate outside the classroom setting.

GRADING SYSTEM MBA: 4, distinction; 3, high pass; 2, pass; 1, low pass; 0, unsatisfactory. In law, grade A: 75-100%; B: 67-74%; C: 60-66%; D: 50-59%; F: below 50%. In all other programs, grade A: 80-100%; B: 70-79%; C: 60-69%; D: 50-59%; F: below 50%.

STUDENT AWARDS AND FINANCIAL ASSISTANCE A full list of awards and admission scholarships offered by the university is available in the composite calendar. Ontario students also have access to the province of Ontario student awards plan. Students from outside Ontario should not anticipate financial assistance and should approach the government of their home province or country.

FINAL EXAMINATIONS Regular examinations – examinations for students registered in intramural, extension and correspondence courses are conducted in April and May, and for those in the summer school in August. Comprehensive examinations – some departments have comprehensive examinations for honors students. These examinations, which may be written, or oral or both, are given at the end of the senior year to cover the broad aspects of the student's honors program. They are additional to the course examinations.

Deferred examinations – permission to defer an examination may be given on compassionate grounds. A deferred examination is normally written during a regular examination period. Special examinations – a special examination is any examination other than the regular examination and it may be offered only with consent of the department concerned and with the permission of the dean. A special examination may be written only at the university or at an affiliated college. Supplemental examinations – supplemental examination privileges are not available in courses offered by the faculties of arts, engineering, science, music, nursing, physical education, and social science. All supplemental examinations offered by other faculties must be written on the campus or at another Canadian university located more than 150 miles from London.

FEES AND COSTS Tuition and incidental fees per year: full-time (a) undergraduate – medicine and dentistry, \$827.50; engineering, \$702.50 (first year only \$642.50); music and law, \$652.50; arts, science, social science, and business administration, \$642.50; medical rehabilitation programs and nursing, \$617.50; (b) graduate studies – MBA, \$318 per term; qualifying year, \$642.50. All other graduate programs are on a trimester system – \$310.50 per term. Part-time – \$100 per term.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Educational level equivalent to Ontario honor graduation diploma (grade 13) in subjects appropriate to faculty to which admission is sought; principal's report and recommendation with school record.

2. Other provinces – applicants from other provinces in Canada must meet in subject matter and standing both the requirements for admission to the university and to a recognized university in

their home province. British Columbia – first year at The University of British Columbia, Simon Fraser University, University of Victoria, Notre Dame University of Nelson; or grade 13 (prior to 1972). Alberta, Saskatchewan, Manitoba – grade 12. Quebec – grade 12 (fifth year high school) or its equivalent; i.e., completion of first-year CEGEP (general program) or collegial program at Bishop's, McGill or Sir George Williams, after completion of Quebec grade 11. Prince Edward Island – first year at the University of Prince Edward Island. New Brunswick – senior matriculation or first year of a four-year general program at New Brunswick universities. Nova Scotia – grade 12 or first year at Nova Scotia universities. Newfoundland – first year at Memorial University.

Teacher applicants – graduates of teachers' colleges with two years' teaching experience may be considered for admission. Registered nurses – graduates of schools of nursing who hold an Ontario registered nurses certificate may be considered for admission. Ryerson Polytechnical Institute and colleges of applied arts and technology (CAAT) – graduates of a three-year program at Ryerson or a CAAT with first-class standing may be admitted to second-year studies, or with second-class standing may be recommended for credit in some first-year courses. Graduates of a three-year program with less than second-class standing and graduates from two-year programs may be considered for admission to first year.

3. Tests for admission. SACU or appropriate CEEB scores are required.

4. Specific requirements. Arts – six credits, English recommended. Engineering science – six credits, calculus and functions with at least one other science credit required. Home economics – six credits, chemistry and biology required; English or French recommended. Music – five credits other than music; English required. Satisfactory audition and general musicianship test required. Natural science – six credits; no specific requirements, although progression may be severely restricted without calculus and one other credit in mathematics. Nursing – six credits, chemistry and biology required. Secretarial science – six credits, English required. Occupational therapy – six credits, biology recommended. Physical education – six credits, biology recommended. Social science – six credits. No specific requirements, calculus and/or functions and/or algebra; computer science recommended. For admission to business administration, dentistry, law, and medicine, at least two years must have been completed, with appropriate selection of subjects in arts, arts and science combined, beyond senior matriculation.

Foreign students

Certificate of standing equivalent to normal Canadian requirements; \$25 application processing fee required; applicants whose first language is not English are required to present proof of proficiency in English as a foreign language or English proficiency test of the English Language Institute; SACU or appropriate CEEB scores; applicants submitting the international baccalaureate will be considered for admission.

Belgium – certificat d'humanités. France – baccalauréat de l'enseignement secondaire-deuxième partie. Germany – abitur-universitätsreifezeugnis. Hong Kong – GCE (advanced); other qualifications may be considered. The Netherlands – Hogerburgerschool or gymnasium certificate. Pakistan – completion of university work to the satisfaction of the admissions committee. UK and Commonwealth, Ghana, Malaysia, Nigeria, Singapore, West

Indies – GCE (advanced). USA – first-year university with minimum of 30 semester hours or equivalent (e.g., 45 quarter hours) in appropriate subjects. For the GCE (general certificate of education) – five passes required in acceptable subjects, two of which must be at the advanced level; or four passes in acceptable subjects, three of which must be at the advanced level. A “D” average on at least two advanced-level papers must be achieved.

Mature students

Applicants at least 23 years of age who do not meet the normal admission requirements may be considered for admission.

Graduate

For admission to graduate study, a student must have obtained a first degree with specified grades in appropriate subjects.

Date for receipt of applications

Applications for full-time admission must be received before July 1 of the year in which admission is sought. This applies to all students.

COURSES AND DEGREES

ARTS

Bachelor of arts (BA). (a) General program, three years from senior matriculation. (b) Honors program, four years from senior matriculation in classics, English, fine art, French, German, Greek, Latin, philosophy, Spanish, Russian, and combinations of any two of these subjects in a combined honors program.

Master of arts (MA). Minimum one year full time, or two years full time from general BA; by thesis and examination. Offered in classics, English, French, German, philosophy, and Spanish.

Doctor of philosophy (PhD). At least two years from MA. Ordinarily available in English, French, German, and philosophy.

BUSINESS ADMINISTRATION

Bachelor of arts (BA). Honors business administration with liberal arts options, four years from senior matriculation.

Diploma in business administration (DipBusAdmin). One year from a bachelor's degree in any field, with grade B standing or better in the final year.

Master of business administration (MBA). Two years from a bachelor's degree in any field, or one year from an honors bachelor's degree in business administration or commerce, with grade B standing or better in the final year.

Doctor of philosophy (PhD). At least two years from MBA.

Commerce, see business administration above

DENTISTRY

Doctor of dental surgery (DDS). Four years from two years of arts and science beyond senior matriculation.

Engineering, see science, applied

JOURNALISM

Bachelor of arts (BA). Honors program, four years from senior matriculation.

Diploma in journalism. One year from a bachelor's degree in another field.

LAW

Bachelor of laws (LLB). Three years following the second year beyond senior matriculation or, preferably, three years from a bachelor's degree.

LIBRARY AND INFORMATION SCIENCE

Master of library science (MLS). One year beyond honors degree or two years from a general degree.

A PhD program in bibliography and bibliographic control is planned for the academic year 1973-74.

MEDICAL REHABILITATION

Bachelor of science in medical rehabilitation BSc(CD), BSc(OT), BSc(PT). Three years from one-year arts and science beyond senior matriculation, four years from occupational therapy. Available in communication disorders, occupational therapy, and physical therapy.

MEDICAL SCIENCES

Bachelor of science (BSc). Honors program, four years from senior matriculation; in anatomy, bacteriology and immunology, biochemistry, biophysics, and physiology.

Master of science (MSc). At least one year from MD degree. Available in anatomy, bacteriology and immunology, biochemistry, biophysics, epidemiology and preventive medicine, pathological chemistry, pathology, pharmacology, and physiology.

Doctor of philosophy (PhD). Minimum three years full time, which may be reduced to two years for applicants possessing master's degree; by thesis and examination; offered in anatomy, bacteriology and immunology, biochemistry, biophysics, epidemiology and preventive medicine, pathological chemistry, pathology, pharmacology, and physiology.

MEDICINE

Doctor of medicine (MD). Four years from two years of arts and science beyond senior matriculation or from graduation in arts with science options.

Master of clinical science (MCISc). Applicants must hold MD degree or equivalent and have completed one year of internship. Available in anaesthesia, obstetrics and gynaecology, paediatrics, surgery, and therapeutic radiology. The course of training is directed by the head of the clinical department in which the candidate is taking his work.

Doctor of philosophy (PhD). Minimum three years full time, which may be reduced to two years for applicants possessing master's degree; by thesis and examination; offered in epidemiology and preventive medicine.

MUSIC

Bachelor of arts (BA). (a) General program, three years from senior matriculation. (b) Honors program, four years from senior matriculation.

Bachelor of musical arts (BMusA). Three years from senior matriculation.

Bachelor of music (MusB). Honors program. Four years from senior matriculation in music education, performance, theory and composition, and music history.

Master of arts in musicology (MA), master of music (MusM). At least one year beyond honors degree studies.

NURSING

Bachelor of science in nursing (BScN). Four years from senior matriculation. Specialization is offered in nursing service administration, nursing education, or public health nursing.

Master of science in nursing (MScN). At least two years from a bachelor's degree in nursing.

PHYSICAL EDUCATION

Bachelor of arts (BA). Honors program, four years from senior matriculation.

SCIENCE, APPLIED

Bachelor of engineering science (BESc). Four years beyond senior matriculation. Specialization is possible in the final two years in chemical, civil, electrical, mechanical engineering, and materials science.

Master of engineering science (MESc). One year beyond BESc or comparable standing. Available in chemical, civil, electrical, mechanical engineering and materials science.

Master of engineering (MEng). Minimum one year full time; by course of instruction offered in environmental engineering.

Doctor of philosophy (PhD). At least two years from MESc degree. Available in the same areas as the MESc.

SCIENCE, PURE

Bachelor of arts (BA). (a) General program, three years from senior matriculation in botany, computer science, mathematics, physics, and zoology. (b) Honors program, four years from senior matriculation in mathematics.

Bachelor of science (BSc). (a) General program, three years from senior matriculation in: applied mathematics, chemistry, computer science, geophysics, mathematics and physics. (b) Honors program, four years from senior matriculation in: applied mathematics, astronomy, botany, chemistry, computer science, geography, geology, geophysics, physics, and zoology.

Faculty of graduate studies

Master of science (MSc). At least one year from an honors bachelor's degree in science. Available in applied mathematics, astronomy, chemistry, computer science, geography, geology, geophysics, physics, plant sciences, and zoology.

Doctor of philosophy (PhD). At least two years from MSc. Available in the same departments as MSc.

SOCIAL SCIENCES

Bachelor of arts (BA). (a) General program, three years from senior matriculation in economics, geography, history, home economics, political science, psychology, secretarial science, and sociology. (b) Honors program, four years from senior matriculation in economics, geography, history, political science, psychology, secretarial science and business administration, sociology and combinations of these subjects.

Master of arts (MA). Minimum one year full time, or two years full time from general BA; by thesis and examination. Offered in economics, geography, history, physical education, political science, psychology, and sociology.

Doctor of philosophy (PhD). At least two years from MA. Ordinarily available in economics, geography, history, political science, and psychology.

SOCIAL WELFARE

Bachelor of social welfare (BSW). A four-year honors program after senior matriculation (offered at King's College only).

THEOLOGY

Courses in theology offered by the affiliated colleges.

EXTENSION PROGRAMS

For university credit

Correspondence courses — courses are offered in a limited number of arts subjects only. Evening and weekend classes — undergraduate classes in arts only, offered during the winter session in London and in ten other centres in western Ontario. Summer school — arts, science, music, and physical education courses are offered in London and Owen Sound for undergraduates proceeding to a degree and for teachers who wish to improve their academic qualifications. Evening summer extension classes — offered in London only from mid-May to mid-August.

For no university credit

Adult education services — non-credit evening classes where and when there is sufficient demand. Summer school in French Canada — courses are offered at Trois-Pistoles in the province of Quebec, in English for French-speaking students, mainly teachers, and in French for English-speaking students, mainly university undergraduates. Occasionally the latter courses are studied for university credit.

RESEARCH FACILITIES AND INSTITUTES Cancer Research Laboratory. The Cancer Research Laboratory was established by a grant from the Ontario division of the Canadian Cancer Society, and is maintained chiefly by annual grants from the National Cancer Institute of Canada. It is housed in its own building on the main campus of the university. Activities are centred on a variety of problems in basic cancer research. Senior members of the laboratory hold joint appointments in appropriate departments of the faculty of medicine, and participate in the teaching of undergraduate and graduate students. Director: J.A. McCarter, PhD.

Centre for Radio Science. The University of Western Ontario has developed a particular competence in the scientific aspects of the generation, propagation and detection of radio waves. The Centre for Radio Science is not an instructional unit in the university, but does provide facilities for graduate research in many areas of radio science. Facilities are now available for a variety of researches, including the generation and detection of radio waves ranging down to submillimeter wave-lengths, quantum electronics, quasi-optical techniques, interaction of radio waves with solids, gases, plasmas and beams of charged particles, the exploration of all levels of the earth's atmosphere, the sun's atmosphere and the interplanetary medium, using ground-based, rocket-borne and satellite-borne instruments. Co-operative research arrangements exist

with several universities in Ontario. Director: P.A. Forsyth, MA, PhD, FRSC.

Inter-American Studies Group. The purpose of this group is to encourage and facilitate a cross-disciplinary and sometimes a cross-faculty approach to inter-American studies in a close co-operation with existing faculties and departments. It does so by such means as promoting closer liaison between departments and faculties, assisting in building up the resources of the library and in general by any other method approved from time to time by the graduate dean and faculty. The university has long been concerned with Canadian-American studies. Since 1936 the university has extended the scope of its interest in Canadian-American affairs to include Latin America. Director: N.L. Nicholson, MSc, PhD.

Inter-University Consortium for Political Research. The purpose of the consortium is to promote the conduct of research on selected phases of the political process. It is expected that both partners will contribute to the success of the consortium and that each will benefit from the association. In order to realize its aims, the ICPR offers summer seminars in research design, data analysis, mathematical politics, and special selected topics of general interest serve as a repository for a wide variety of data and technical services. Seminars, data, and technical services are available at little or no charge to faculty and students of member universities. Official representative: T.G. Harvey, MA, PhD.

Urban and Regional Development Studies. The university provides facilities for interdisciplinary research by its faculty and students in the field of urban and regional development. Through the Urban and Regional Development Studies group, a unit of the faculty of graduate studies, it enables the student seeking a master's or doctor's degree to undertake a program of courses and research projects in a number of departments and/or faculties. While each student is expected to take his degree in his basic discipline, arrangements are made with the approval of the academic units concerned, for a program that includes work in other disciplines. The interests and proposals of each student are considered in defining his program. Such interdisciplinary programs are intended for students desiring to prepare for research, teaching, administration, or planning in the field of urban and regional development. Director: E.A. Beecroft, MA, PhD.

CONSTITUENT COLLEGE Althouse College of Education, 1137 Western Road, London, Ontario. Dean: E. Stabler, BA, MA, PhD. Established in 1965. Co-educational, non-denominational. Offers a program of studies of at least one year from a bachelor's degree; leading to high school teachers' certificates granted by the minister of education of Ontario.

AFFILIATED COLLEGES Brescia College, Western Road, London 72, Ontario. Dean: Sister Arleene Walker, BA, MA. Roman Catholic. Established and affiliated in 1919. Undergraduate arts college, offering in co-operation with the university's faculties of arts and social science, all the general and some of the honors arts programs of the university, especially the general program with home economics options. See separate entry.

Huron College, 1349 Western Road, London 72, Ontario. Principal: J.G. Morden, BA, LTh, DD, STM, DTh. See separate entry.

King's College, 266 Epworth Avenue, London 11, Ontario. Principal: A.F. McKee, BA, MA, MSc, PUP. See separate entry.

UNIVERSITY OF WINDSOR*

Windsor, Ontario

Telephone: (Windsor) 519-253-4232; (Detroit) 313-963-6113

Direct general correspondence to the registrar

Telex: 024 77684

PRINCIPAL OFFICERS Chancellor — The Hon. Lucien Lamoureux, QC, BA, LPh, MA, LL.D. Vice-chancellor and president — J.F. Leddy, DPhil, DLitt, DêsL, LL.D, DCL. Vice-president — F.A. DeMarco, PhD, FCIC. Vice-president administration, and treasurer — W.R. Mitchell, BScCE.

GENERAL INFORMATION The university is co-educational; it embodies one federated university (Assumption) and three affiliated colleges (Holy Redeemer, Canterbury, and Iona) which are legally and financially distinct, but subject in academic matters to the senate. The university is administered by a board of governors and a senate; the main source of income is federal-provincial grants.

BACKGROUND Assumption College was founded in 1857 and incorporated in 1858 by a public act of the legislature of the province of Canada. From 1919 to 1953, the college was affiliated to The University of Western Ontario. In 1953, the Ontario legislature established a new government for the college and granted it university powers. Teaching began in 1857 and the first degrees

were awarded in 1954. In 1956, the Ontario legislature passed an act which changed the name of Assumption College to Assumption University of Windsor. On July 1, 1963, the University of Windsor was incorporated as a non-denominational and co-educational university, and Assumption University became a federated college.

BOARD OF GOVERNORS The board, the supreme governing body of the university, is responsible for the conduct, management and control of the university, and deals with financial matters. There are 32 members (the president of the university, ex officio, 15 elected members, 6 appointed by the board of governors of Assumption University of Windsor, 2 appointed by the alumni association, 4 appointed by the lieutenant-governor-in-council, and 4 members of the teaching staff elected by and from the senate).

SENATE The Senate has responsibility for academic matters; it is composed of 55 members [the president, the vice-president, the deans and vice-deans of each faculty, the director of each autonomous school; the president of Assumption University, the principals of Holy Redeemer, Canterbury and Iona Colleges; the dean of students, the dean of extension and continuing education, the librarian and the registrar of the university — all ex officio; 30 members of the teaching staff of the university; 1 member appointed by the alumni association; 4 students (one of whom must be a graduate student)].

INCOME Total operating and capital income for ten-month fiscal year ending April 30, 1972, \$22,483,000 (government

*Ordinary member, AUCC.

grants, 72%; academic fees, 19%; research grants, 4%; gifts, 3%; miscellaneous, 2%).

PUBLICATIONS General calendar, and individual calendars for each faculty; calendar of the extension division; undergraduate awards and financial aid; admission requirements — all available from the registrar's office. President's report from the office of the president. Memo, weekly news bulletin from the office of information services. Bi-weekly newspaper *The Lance*, yearbook *The Ambassador*, student handbook, *Generation* — all available from the students' administrative council.

ACADEMIC YEAR Winter session: mid-September to early May. Intersession: May and June. Summer session: early July to mid-August.

BUILDINGS AND GROUNDS The university is situated on a 100-acre campus south of the Detroit River, in the city of Windsor (population 221,000). There are seven teaching buildings, a library, an administration building, a university centre, a large physical and health education complex including a gymnasium and swimming pool, a dining and recreation centre, and eight residences. The computer centre includes an IBM 360/65, with 256K fast core storage, 1000K slow core, two tape drives, and seven CDC 23142 disk drives.

STUDENT RESIDENCES Electa hall accommodates 225 female students, and Sir Wilfrid Laurier hall 356 female students; Sir John A. Macdonald hall, Cody hall and Huron hall accommodate a total of 775 male students; Tecumseh hall accommodates 186 students in 41 units consisting of two-, three- and four-bedroom apartments; St. Michael's hall provides space for 50 male graduate students; Geoffrey Fisher hall is a residence for married students.

LIBRARY The university library system consists of the general library, the Paul Martin law library, and the education library. The combined facilities provide space for about 1,200,000 volumes, and seating for 2,150 readers. The university library contains 525,000 volumes, growing at an annual rate of about 60,000 volumes. Over 9,000 current periodicals and serials are received. The university library system has extensive collections of Canadian federal and provincial government documents and publications of major international organizations, and serves as the resource centre for Canadian materials for co-operating institutions while Detroit libraries serve as resource centres for similar government publications of the United States and Great Britain. The 14 Ontario universities and the 10 Quebec universities, plus the National Library and the National Science Library in Ottawa, freely exchange resources by rapid delivery service on a daily basis.

STUDENT LIFE Campus organizations provide social, political, religious, cultural and recreational opportunities; for students with special interests there are departmental clubs, national and local organizations, and intercollegiate teams. The students operate a campus radio station; those interested in journalism or creative writing are encouraged to contribute to *The Lance*, the *Ambassador*, and *Generation*. An International Students' Organization has been established in co-operation with the Students' Administrative Council; the international centre, on campus, provides an educational and social milieu for overseas students. The university was one of the first in Canada to elect students to membership on the senate, and to the senate committees and faculty councils.

MEDICAL SERVICES Comprehensive medical care is offered to all students, including office diagnostic and treatment services. Six infirmary beds are available for short-term hospitalization of medical and psychiatric illnesses. A small portion of the student services fee is allocated to the health services; charges are submitted to O.H.I.P. for students who are covered, and where the services are an allowable one; no other direct charges are made to the student. Service to staff is limited to acute care of medical illnesses and injuries. Follow-up care is handled by their family physician. All food handlers are reviewed annually. The above services are provided by a full-time medical director and two full-time registered nurses.

Students are required to submit a certificate of medical examination as part of the admissions procedure; athletes must also submit annual medical certificates. Further information about the accident insurance plan may be obtained from the office of student affairs.

STUDENT COUNSELLING SERVICES Academic, personal, financial and religious counselling is provided through the office of student affairs. The psychological centre, staffed with clinical psychologists, psychometrists and counsellors, offers programs in career planning, discussion groups, psychotherapy, reading and study skills, personal resource assessment, tension control, and self-help.

UNIVERSITY BOOKSTORE A wide variety of hardback and paperback volumes is available, including required texts, reference books, and general interest material. The bookstore also carries course-related supplies, art and drafting supplies, crested clothing and giftware, toiletries and sundries. No discounts are offered.

STUDENT EMPLOYMENT Assistance in finding summer, part-time and permanent employment is given by the campus placement officer, who is appointed by the Canada Manpower Centre. During the year interviews with prospective employers from business, industry and education are arranged for students registered with the placement office.

STUDENT UNION The Students' Administrative Council represents the undergraduates of the university; the council is based on faculty/student population, with the executive elected by the students at large. The S.A.C. is funded by a grant provided by the university, which allows it to carry out such student activities as may be judged necessary. No fees are charged for membership. The president of the S.A.C. is a member of the senate of the university, ex officio, and observer on the board of governors.

GRADUATE STUDENT SOCIETY The Graduate Students' Society represents the students of the faculty of graduate studies. The president is elected by the graduate students, and appoints his own executive. Each graduate student pays a \$5 fee which is used to fund the operation of the society. The president of the society is a member of the senate, ex officio, and observer on the board of governors.

GRADING SYSTEM A-, A, A+, 80-100% (excellent); B, B+, 70-79% (good); C, C+, 60-69% (fair); D, D+, 50-59% (pass); F-, F, below 50% (failure). A supplemental examination may be allowed at the discretion of the academic standing committee. Certain options may be taken on a pass/non-pass basis; the grades are not included in the year's average.

STUDENT AWARDS AND FINANCIAL ASSISTANCE A number of entrance awards in amounts of up to \$700 or more,

renewable, for academic excellence and general proficiency, are available to students, in addition to a number of bursaries, and other temporary financial assistance through an emergency loan fund. A limited number of in-course awards are available to students beyond the first year. As well, additional assistance based on financial need is available through the Ontario student awards program which is intended to assist students of the province of Ontario who lack adequate family financial resources and is intended to supplement rather than replace such resources. Post-graduate fellowships and assistantships in varying amounts are offered for study towards master's or doctorate degrees.

FINAL EXAMINATIONS Final examinations for first-semester courses are held in December, and for second-semester and full-year courses in April; the examination may take the form of written test, oral interview, essay or take-home test. Supplemental and special examination regulations are controlled by the faculty concerned.

GRADUATION On authorization by the senate, degrees are conferred by the chancellor of the university, assisted by the president, at convocations in May and October.

FEES AND COSTS Fees are subject to change without notice. All fees are for the academic year, except where otherwise indicated. Fees listed are for Canadian students: for non-Canadian students, an additional fee of \$100 for full-time students, and \$20 per subject for part-time students, is required.

Full-time — undergraduate: any undergraduate student (regular or special) taking four courses or more is charged the fee for full-time attendance. The following schedule lists the minimum amounts payable, including registration, tuition, library, laboratory, examination, university centre, health service, insurance, student government and activities fees, and professional society fees. Any full-time student who enrolls in courses which are additional to the minimum requirements for his program as outlined in the calendar, will be charged the fee for each additional course at the rate for part-time students. Arts (general, honors, make-up) — \$640; commerce — \$645; communication arts — \$650; computer science — \$655; dramatic art (BFA audition fee \$10) — \$650; education — \$627.50; engineering (C.E. 301 camp fee \$40 additional) — \$725; fine arts — \$650; law — \$660; music — \$650; nursing (advance placement examination fee \$10) — \$650; physical and health education — \$655; preliminary year — \$680; science, general, honors, make-up, (geology 480c students, field camp fee of \$60) — \$640; social work — \$645.

Part-time — undergraduate (day or extension). Lectures: full course — \$120; half-course — \$60. Language laboratory — \$10. All other laboratory, clinical experience, seminar, tutorial and field work fees — \$30. Audition fee for first-year dramatic art students — \$10.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. For admission to qualifying year (equivalent to Ontario grade 13), Ontario grade 12 graduation or equivalent from other provinces. For admission to first-year university, full Ontario honor graduation diploma (grade 13) or equivalent from other provinces with a minimum average of 60%.

2. Tests for admission. SACU test scores are required.

3. Specific requirements. For qualifying year — arts — minimum average of 66%; subjects are English, a second language, mathematics and science (grades 11 and 12), history or geography and one other subject. Science, nursing, applied science — minimum average of 66%, chemistry, mathematics (grades 11 and 12), physics required, other options as for arts. Commerce, mathematics (major) — minimum average of 66%; mathematics (grades 11 and 12) required, other options as for arts.

For first year — applied science (engineering) — minimum overall average of 60% in full grade-13 program with 60% minimum in mathematics I and one of mathematics 2, mathematics 3, geology, chemistry, physics; or minimum average of 75% in a full grade-13 program with no special requirements. Arts — for honors courses see calendar. Commerce (business administration) — one mathematics recommended. Dramatic art — audition required. Music — grade VIII practical and grade II theory, audition required. Nursing — English, biology, chemistry required, physics recommended. Biology — one mathematics; at least two of biology, chemistry, geology, physics and another mathematics. Chemistry — mathematics I; at least two of biology, chemistry, geology, physics, additional mathematics. Geology — at least two of biology, chemistry, geology, mathematics I, mathematics 2, mathematics 3, and physics. Mathematics — mathematics I. Physics — at least one mathematics. Computer science — 60% in mathematics 2 and 3 recommended.

Foreign students

To qualifying year — original certificates of standing equivalent to Ontario grade 12. UK or Commonwealth — GCE in five subjects at O level, English, mathematics, a second language, a science and a social science normally required. USA — grade 12 high school graduation with at least 16 academic units (four of English, two or three in each of mathematics, science, social studies and a second language) and a minimum average of B or 3.0 in eight of these; at least four academic subjects in grade 12 are expected, with a B grade in at least three of these. To first year — original certificates of standing equivalent to Ontario grade 13. UK — GCE in five subjects with two at A level and appropriate to the program proposed (chemistry, mathematics and physics are required at A level for science and applied science). Applicants submitting the international baccalaureate will be considered for admission.

Mature students

Candidates of mature age who cannot meet the normal requirements above and who give evidence of motivation may be admissible on probation; completion of first year successfully will confirm admission.

Graduate

Application for admission to graduate studies should be made by July 1; official transcripts of all undergraduate and graduate work are required, as well as confidential report forms and graduate record examination scores.

For admission to any master's program, a minimum of second-class standing in the final year and in the major subject is required; a student with an honors baccalaureate may be admitted to a one-year program, and a student with a general bachelor's degree may

be admitted to a two-year master's program. An applicant for admission to any doctoral program must have either a master's degree or an honors baccalaureate or the equivalent; his academic standing should be unquestionably superior. In applied science, for admission to a doctoral program the student must have at least a bachelor's degree in applied science, engineering, or pure science; for admission to a master's program, he must have a bachelor's degree in applied science or engineering.

An applicant for the degree of master of social work must have previously completed an approved BSW honors program or equivalent, have maintained a general average of B in the final two years of his undergraduate work, and prior to enrolment in the program have been engaged in professional social work practice for at least one year after earning his initial professional degree; an applicant with a BA or equivalent degree may be admitted as a make-up student.

COURSES AND DEGREES

ARTS

Faculty of arts and science

Bachelor of arts (BA). a) General program, four years from junior matriculation or three years from senior matriculation. Majors are offered in anthropology, art history, Asian studies, classical civilization, classical studies, communication arts, comparative literature, drama, economics, English, fine arts, French, geography, German, Greek, history, home economics, Italian, Latin, linguistics, mathematics, music, philosophy, political science, psychology, Russian, sociology, Spanish, and theology.

b) Honors program, five years from junior matriculation or four years from senior matriculation. Available in anthropology, anthropology and psychology, anthropology and sociology, art history, Asian studies, classical studies and comparative literature, classical studies and linguistics, communication arts, drama and English, economics, economics and history, economics and mathematics, economics and political science, economics and sociology, English and French, English and German, English and history, English and Latin, English and philosophy, English and Russian, English and Spanish, English language and literature, French and comparative literature, French and German, French and Italian, French and Latin, French and linguistics, French and Russian, French and Spanish, French language and literature, geography, German and history, German and Russian, German and Spanish, Greek and Latin, Greek and theology, history, history (economics or philosophy option), history and theology, international relations, Latin, Latin and Spanish, Latin American studies, mathematics, philosophy, philosophy and Latin, philosophy and mathematics, philosophy and psychology, political science, political science and history, political science and sociology, psychology, psychology and science, psychology and sociology, sociology, Spanish and Italian, theology and philosophy, theology and psychology, and theology and sociology.

Faculty of graduate studies

Master of arts (MA). At least two years from general BA or at least one year from honors BA. Available in economics, English,

French, geography, history, philosophy, political science, psychology, romance languages, sociology and theology.

Doctor of philosophy (PhD). At least two years beyond the master's degree or its equivalent. Available in psychology.

BUSINESS ADMINISTRATION

Faculty of business administration

Bachelor of commerce (BComm). Honors program, four years beyond senior matriculation.

Faculty of graduate studies

Master of business administration (MBA). At least one year from honors baccalaureate degree.

COMPUTER SCIENCE

School of computer science

Bachelor of computer science (BCS). General program, four years from junior matriculation, three years from senior matriculation. Honors program, five years from junior matriculation, four years from senior matriculation.

EDUCATION

Faculty of education

One-year course of study to prepare for elementary school teacher certification.

Bachelor of education degree (BEd) may be conferred upon successful completion of bachelor's degree and one-year course at the faculty of education.

ENGINEERING

Faculty of applied science

Bachelor of applied science (BASc). Five years from junior matriculation, four years from senior matriculation. Available in chemical engineering, civil engineering, electrical engineering, engineering materials, geological engineering, industrial engineering, and mechanical engineering.

Faculty of graduate studies

Master of applied science (MASc). At least one year from BASc or equivalent degree. Available in chemical engineering, civil engineering, electrical engineering, engineering materials and mechanical engineering.

Doctor of philosophy (PhD). At least three years from BASc or equivalent degree or at least two calendar years from the master's

degree. Available in chemical engineering, civil engineering, electrical engineering, engineering materials, and mechanical engineering.

FINE ARTS

Faculty of arts and science

Bachelor of fine arts (BFA). Five years from junior matriculation, four years from senior matriculation. Available in fine arts or dramatic arts.

LAW

Faculty of law

Bachelor of laws (BLaws). Three years beyond at least two years of undergraduate study, and preferably a bachelor's degree.

MUSIC

Faculty of arts and science

Bachelor of music (BMus). Honors program, five years from junior matriculation or four years from senior matriculation. Available in history and theory or in school music.

NURSING

Faculty of arts and science

Diploma in public health nursing (DipPHN). One year from senior matriculation and nurse registration.

Bachelor of science in nursing (BScN). Five years from junior matriculation or four years from senior matriculation; three years from senior matriculation and nurse registration.

PHYSICAL AND HEALTH EDUCATION

Faculty of physical and health education

Bachelor of physical and health education (BPHE). Five years from junior matriculation or four years from senior matriculation.

Faculty of graduate studies

Master of physical education (MPE). At least one year from the honors baccalaureate level.

Science, applied, see engineering above

SCIENCE, PURE

Faculty of arts and science

Bachelor of science (BSc). (a) General program, four years from junior matriculation or three years from senior matriculation. Majors in biology, chemistry, geology, mathematics and physics.

(b) Honors program, five years from junior matriculation or four years from senior matriculation. Available in biology, biophysics, chemistry, chemistry and biology, chemistry and physics, geology, mathematics and physics.

Faculty of graduate studies

Master of science (MSc). At least two years from general BSc, or at least one year from honors BSc. Available in biology, chemistry, mathematics, and physics.

Doctor of philosophy (PhD). At least three years from honors BSc or equivalent or two years from MSc. Available in biology, chemistry, mathematics, physics.

SOCIAL WORK

Faculty of arts and science

Bachelor of social work (BSW). Five years from junior matriculation or four years from senior matriculation.

Faculty of graduate studies

Master of social work (MSW). At least one calendar year beyond the BSW degree and one year of professional social work and practice.

EXTENSION PROGRAMS

For university credit

The degrees of bachelor of arts and bachelor of commerce are offered through the extension division; also certificates in public administration, business administration, and theology. Individual courses are available as well in science, computer science, drama, fine arts, mathematics, nursing, music, and physical and health education. Some credit courses are also offered in Chatham during the summer session. Attendance at intramural classes for at least one full academic year or the equivalent (three intersessions, summer sessions or part-time winter sessions, or a combination of these) is required.

For no university credit

Evening school – the extension department co-operates in the offering of non-credit courses with such groups as Certified General Accountants, Industrial and Cost Accountants of Ontario

(RIA) and Industrial Foremen's Club of Windsor. The extension department also provides space for courses of instruction offered by and for other vocational and professional groups. All courses offered for credit are open to auditors who may attend them for no credit. The division of continuing education of the University of Windsor also offers non-credit courses of advanced education.

SPECIAL PROGRAMS (a) Special program in environmental studies: students for the master's degree in chemical engineering, chemistry, civil engineering, geography or physics may take a multidisciplinary approach to environmental studies in their major field. (b) International inter-university co-operation: in co-operation with Canadian-German Academic Exchange Association Werkstudentenprogramm, credit courses in advanced German are given in Munich during the summer.

RESEARCH INSTITUTE The Industrial Research Institute, the first in Canada, promotes active co-operation between science and industry, by offering extensive laboratory facilities and advanced skills of staff to industry on contract basis. Manager: Douglas Allan.

FEDERATED UNIVERSITY Assumption University, Windsor, Ontario. President: Rev. E.R. Malley, CSB, MA, STL, STD. By the provisions of the University of Windsor Act, 1962-63, Assumption University of Windsor became a federated university of the University of Windsor. By the federation agreement, its degree-granting power is held in abeyance during the term of federation except for degrees in the faculty of theology. By act of the

Ontario legislature in April 1964, the name of Assumption University of Windsor was shortened to Assumption University in order to avoid confusion with the University of Windsor.

AFFILIATED COLLEGES All students are registered for academic purposes in the University of Windsor; the federated university (Assumption University) and affiliated colleges (Canterbury, Holy Redeemer and Iona) provide residence facilities and social and religious centres.

Canterbury College, Windsor, Ontario. Principal: Rev. F.T. Kingston, MA, LTh, BD, DPhil. Anglican. Co-educational. Established 1957. The college co-operates in the interdenominational department of theology in the university and provides a social and religious centre for Anglican students.

Holy Redeemer College, Windsor, Ontario. Principal: Rev. D.L. Egan, CSsR, STL. Roman Catholic (Redemptorist). Men only. Established 1956. Seminary of the Redemptorist Fathers, affiliated to the faculties of arts and science and theology, and authorized to give instruction leading to bachelor of arts degree of the University of Windsor and bachelor of theology degree of Assumption University.

Iona College, Windsor, Ontario. Principal: Rev. J.C. Hoffman, BA, BD, STM, PhD, ThD. While Iona College has not yet acquired physical facilities on campus, it has undertaken to co-operate with the university in the provision of academic courses of United Church theology.

THE UNIVERSITY OF WINNIPEG*

515 Portage Avenue, Winnipeg, Manitoba R3B 2E9

Telephone: 204-786-7811

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — P.H.T. Thorlakson, CC, MD, CM, DSc, FRCS(C), FACS. President and vice-chancellor — H.E. Duckworth, BA, BSc, PhD, DSc, FRSC. Vice-president (undergraduate programs) — J. Clarke, BA, PhD. Vice-president (academic) — B.G. Hogg, BSc, MA, PhD.

GENERAL INFORMATION The University of Winnipeg, although its main source of income is public funds, represents a partnership between church and state and it operates under the authority of a board of regents. The university is an autonomous, independent body with power to grant degrees in arts and science, as well as in theology. It is co-educational.

BACKGROUND Higher education began in Manitoba with the creation of church colleges and The University of Manitoba was founded in 1877, largely on the initiative of these colleges, as an examining and degree-conferring body only. However, commencing in 1904, and continuing until the present, instruction in arts and science has been given at both the university and the colleges.

Two of the aforementioned colleges were Manitoba College,

founded by the Presbyterian Church in 1871, and Wesley College, founded in 1877 by the Methodist Church. In 1926, following the union of these two Churches, Manitoba and Wesley Colleges were united. From 1931 to 1938, they functioned as "The United Colleges"; they were incorporated as "United College" in 1938. United College operated as an affiliated college of The University of Manitoba until it was granted university status in 1967; on July 1, 1967, the college became The University of Winnipeg.

The senate has charge of all academic matters and the courses of instruction given. The name "United College" is retained to designate the arts and science faculty of the university.

BOARD OF REGENTS The board is comprised of 32 members. They are the president of the university, the chancellor, two persons elected by and from the alumni, four members of the faculty elected by and from the senate of the university, ten persons appointed by the general council of the United Church of Canada, ten persons appointed by the lieutenant-governor-in-council and three students chosen from amongst the students of the university by a method to be determined by the council of The University of Winnipeg Students' Association, and, in addition, the president of The University of Winnipeg Students' Association. Except for the president, the term of office is limited, the students' terms being one year and all other elected and appointed members being three years. The government, conduct, management and control of the university and of its property, revenues, business and affairs are vested in the board.

*Ordinary member, AUCC.

SENATE The senate is comprised of the chancellor, the president, vice-presidents, the deputy minister of education or his designate, the dean of each faculty in the university, two members appointed by and from the board of regents, the librarian of the university, the chairman of each department of the faculty of arts and science, one representative elected for each ten members of the present faculties of theology and collegiate, one representative elected for each ten members of the faculty of arts and science, up to a maximum number equal to the number of chairmen or departments of the faculty, the registrar of the university who shall be secretary of the senate, and six students chosen from amongst the students of the university by a method to be determined by the council of The University of Winnipeg Students' Association and, in addition, the president of The University of Winnipeg Students' Association. The elected and appointed members of the senate shall hold office for terms of two years except that the students' terms of office shall be only one year. The senate has jurisdiction to consider and determine all matters of an academic character related to courses of study including requirements for admission, examination and graduation; to recommend the establishment of additional faculty, schools, departments, chairs or courses of instruction; to grant degrees and diplomas; to admit fellows and to award scholarships, bursaries, medals, prizes, etc.

INCOME For the year 1971-72, the total operating income amounted to \$5,364,934. This is broken down into the following percentages — student fees, 25.9%; provincial grant, 66.5%; gifts and grants, 1.5%; assisted research, 5.5%; other, .6%. Capital income amounted to \$4,935,018, all as a provincial grant.

PUBLICATIONS General calendar for arts and science, theology, collegiate division; summer session calendar, evening session calendar; admissions bulletin; mature student booklet; theology bulletin; annual report; collegiate brochure. Available from registrar's office. "The Uniter" — student newspaper available from The University of Winnipeg Students' Association.

ACADEMIC YEAR Winter session: mid-September to end of April. Summer session: (1) mid-May to end of July; (2) early July to mid-August.

BUILDINGS AND GROUNDS The University of Winnipeg is located in the heart of downtown Winnipeg (population 553,000). It is comprised of nine buildings: Wesley hall, George Bryce hall, Manitoba hall, Ashdown hall, Graham hall, part of which contains the university men's residence, Sparling hall, the university women's residence, Riddell hall comprising the dining hall, cafeteria and gymnasium; and Lockhart hall. A new complex of buildings is being readied for occupancy in the 1972 fall term. It will provide additional laboratory, classroom and seminar space, offices, cafeteria and student lounge space, as well as greatly enlarged facilities for the rapidly expanding library.

STUDENT RESIDENCES Graham hall, the university men's residence, accommodates 45 students and Sparling hall for women accommodates 67.

LIBRARY The library in the new building complex contains over 170,000 volumes, approximately 20,000 volumes are added annually. The reference collection contains over 2,500 volumes.

STUDENT LIFE The various interests of the student body are co-ordinated by a body of student directors within the Students' Association. The following fields are covered: academic affairs — speakers, conferences; student public relations — radio and publicity; productions — theatre night and other theatrical

presentations; social — freshie week activities, folk nights, concerts and university dances; and publications — weekly newspaper, yearbook and other publications. There is also opportunity for participation in a number of choirs. The athletic association is responsible for curling, handball, volleyball, badminton, table tennis, fencing and other sports, and for arranging games and competition between classes, faculties and other institutions.

MEDICAL SERVICES A public health nurse is available Monday to Friday mornings to give advice and help to both students and staff when health problems occur. There is no charge for this service.

STUDENT COUNSELLING SERVICES The student counselling service is available to students for specialized consultation about academic careers or personal difficulties. There are a number of services made available to students: 1) freshmen programs; 2) academic and vocational counselling; 3) behavior modification laboratory, designed to help a student reduce or eliminate various phobias and anxieties through individual and group sessions; 4) a learning skills centre which helps a student correct language difficulties and poor reading habits.

UNIVERSITY BOOKSTORE The university's textbook service is operated by Classic Book Shops Ltd. in their store directly opposite the university. Required texts, supplementary readings and a general book selection are available. In addition, the students operate a "book exchange" each fall as well as a "sales shop" throughout the winter session where notebooks, paper, laboratory instruments, etc. may be obtained.

STUDENT EMPLOYMENT The Canada Manpower Centre, Department of Manpower and Immigration, operates a student placement office at the university for students seeking part-time, summer or permanent employment. Employers regularly conduct recruiting visits at the university and the student placement office helps with the promotion of such visits.

STUDENT UNION Student activities are administered by the Students' Council and financed by an annual students' association fee. The theology students are represented on the council by the Theological Society. The collegiate students are also represented on the council and in addition have a students' association and executive of their own to control the activities within the collegiate division. The various interests of the students are co-ordinated by a body known as the Student Activity Board. The students' association is an incorporated, non-profit organization with exclusive control over student affairs at the university.

GRADING SYSTEM Standing is graded in each subject as — excellent: A+, A, A-; superior: B+, B; slightly above average: C+; average achievement: C; marginal pass: D; failure: F.

FINAL EXAMINATIONS Final examinations are held in each course offered in each session unless the appropriate departmental review committee has authorized the grading of the course on term work only. In addition to end-of-session examination periods (April, end of July, mid-August), there are examination periods set aside in each session for half-courses (mid-December, mid-June, late July). There are no supplemental privileges; a failed course must be repeated or replaced with a different acceptable course. Deferred examination privileges are granted mainly on medical and compassionate grounds.

GRADUATION There are spring (late May) and fall (mid-October) convocations held for the conferring of degrees. All degrees are conferred by the chancellor on behalf of the senate.

FEES AND COSTS Tuition fees per year: \$85 per course in arts and science, full- or part-time. Students' organization fee, \$30. Residence rates, double room, \$235.

ADMISSION REQUIREMENTS

Canadian students — undergraduate

1. Grade 12 standing in the Manitoba high school program with 14 recognized course credits (four credits for English 300, three for any other 300 courses, two for other courses) including at least three 300 courses from English, français, French, German, Latin, Ukrainian, biology, chemistry, geography, history, mathematics, music, or physics.

2. Equivalent certificates and subjects from other provinces sufficient to meet the minimum requirements for admission to university in home province.

3. Tests for admission. SACU scores are required.

4. Specific requirements. a) Mathematics 300 required for chemistry 1101-1 and 1201-1, mathematics 1101-1, and statistics. b) Mathematics 300 and physics 300 required for physics 1101-1. c) Mathematics 300 or 301 and physics 300 or physical science 301 for physics 1301-1. d) English 300 or 301, or 301 and 305 for English. e) French 300 for French 1381-1. f) French 300 or 301 for French 1382-1. g) Français 300 for French 1382-1.

Special students

Candidates lacking only one grade 12 course of the normal admission requirements above may be admissible on probation for one year, with concurrent registration in the university's high school division and the university's faculty of arts and science. Also, students who have obtained standing in grade 12 courses at the end of grade 11 by way of accelerated progress in their high school program may register concurrently for university arts and science courses while they complete the remaining grade 12 courses required for regular admission to the university.

Foreign students

UK, West Indies, East and West Africa and Hong Kong — GCE in five different subjects with at least two at A level, or in four different subjects with at least three at A level, or equivalent certificates. France — baccalaureate. USA — grade 12 high school academic graduation and at least 30-semester-hour (45 quarter hours) credits for requisite subjects in first year at an accredited university; CEEB scores required if full standing is not attained. Students whose mother tongue is not English must present satisfactory evidence of proficiency in English; satisfactory scores on the University of Michigan English language test or the test of English as a foreign language or certificates from the Universities of Cambridge or Michigan are acceptable. Applicants submitting the international baccalaureate will be considered for admission.

Mature students

Candidates at least 21 years of age who cannot meet the normal admission requirements above may be permitted to qualify for admission, by taking up to four full courses.

Graduate

Theology — for admission to the STM course, a student must have obtained a BD degree.

Date for receipt of applications

Canadian — August 31; foreign — July 15.

COURSES AND DEGREES

ARTS

Faculty of arts and science

Bachelor of arts (BA). (a) General course, three years from senior matriculation. Five-course major subjects: anthropology, economics, English, French, geography, German, history, Latin, mathematics, philosophy, political science, psychology, religious studies, sociology, and statistics. Courses available also in botany, classical civilization, Greek and Hebrew, and statistics. Distributed majors also available in administrative studies, Canadian studies, developmental studies, dramatic studies, environmental studies, urban studies, and molecular biology. (b) Honors course, four years from senior matriculation. Available in economics, English, French, geography, German, history, Latin, philosophy, political science, psychology, and sociology.

SCIENCE, PURE

Faculty of arts and science

Bachelor of science (BSc). General course, three years from senior matriculation. Five-course major subjects: biology, chemistry, geography, and physics.

THEOLOGY

Faculty of theology

Due to a commitment to the Division of Ministry and Education of the United Church of Canada, the faculty of theology will no longer accept students beginning their work for either the BTh or the BD degree. All such work for the Prairie provinces is to be continued at Saskatoon. This does not apply to those clergy who, having received a diploma (or testamur) when they graduated in theology, wish to engage in extra work to qualify for the BD or the BD(Hons) degree.

Master of sacred theology (STM). Two years from BD. Historical, pastoral, and practical theology.

EXTENSION PROGRAMS

For university credit

Evening classes — September to April. Normally one night each week, three hours each night. Undergraduate classes in arts and science for credit towards BA and BSc degrees. Summer session — (1) Mid-May to end of July. Normally two nights each week, three hours each night. (2) Early July to mid-August. Normally two hours each day. Undergraduate classes in arts and science for credit towards BA and BSc degrees.

Collegiate — the collegiate division of the university offers the complete program of studies of grades XI and XII. Summer school — grade XII courses are held in July and August for six weeks for those students who are studying subjects in preparation for writing August examinations.

RESEARCH INSTITUTE Institute of Urban Studies established in 1969 to develop a university-based centre for research,

community action, and education in the area of urban issues and involving students, faculty, and interested community people.

ASSOCIATED INSTITUTION Mennonite Brethren College of Arts, 77 Henderson Highway, Winnipeg, Manitoba R2L 1L1. President: Rev. V. Adrian, BA, BD, MTh. Founded 1944; associated 1970. A co-educational institution supported and controlled by the Canadian Mennonite Brethren Conference. In addition to two years of a liberal arts program, the college offers extensive preparation for theology and Christian education, granting degrees in theology — bachelor of theology and religious education (ThB) — bachelor of religious education (BRE). A three-year course in sacred music is also offered.

The college has residential accommodation for single men and women in addition to quarters for married couples and families. Students transfer to the university for the final year of the arts degree program.

YORK UNIVERSITY*

4700 Keele Street, Downsview 463, Ontario

Telephone: 416-667-2100

Cable: YORKUNIV

Direct general correspondence to the registrar

PRINCIPAL OFFICERS Chancellor — F.S. Chalmers, SM, LLD, LittD, FIAL. President — D.W. Slater, BComm, BA, MA, PhD. Vice-president (academic) — W.S. Tarnopolsky, BA, AM, LLB, LL.M. Vice-president (administration) — W.W. Small, BComm, MA. Vice-president (finance) — H.B. Parkes, BA, CA. Vice-president (university affairs) — to be appointed.

GENERAL INFORMATION York University is a co-educational, provincially supported institution offering undergraduate and graduate degree programs, part-time undergraduate degree programs, and non-degree courses to members of the community.

BACKGROUND York University was founded in 1959 and accepted its first students in 1960. After an initial period of affiliation with the University of Toronto, York became fully independent on June 30, 1965 and awarded the first York University degrees the following spring. York began operations in quarters on Queen's Park in Toronto, moved to the Glendon Campus in 1961, and in 1965 opened the York Campus which has become

the principal seat of the university. In 1962, the Joseph E. Atkinson College first offered degree courses for evening and part-time students. In 1963, the faculty of arts and science introduced its own distinctive program of degree studies, and the university accepted its first postgraduate students in 1964.

The York Campus, which became the principal seat of the university, was opened at Keele Street and Steeles Avenue in 1965. In the following year, Glendon College was officially opened, and the faculty of administrative studies was established at the York Campus. In 1967, the senate enacted legislation to establish a faculty of fine arts. In 1968, the faculty of environmental studies was established and the Osgoode Hall Law School became the faculty of law of the university, under the terms of an agreement which had been entered into with the Law Society of Upper Canada in 1965. A faculty of science was created in 1969 by separating biology, chemistry, and physics from the faculty of arts and science, which then became the faculty of arts. In 1971 the senate approved the establishment of a faculty of education. Concurrently, York assumed full responsibility for the administration of Lakeshore Teachers' College.

BOARD OF GOVERNORS York's governing structure is laid down by provincial statute in the York University Act, 1965. Under the act, the "government, conduct, management, and control of the university and its property, revenues, expenditures, business, and affairs" are vested in a board of governors, a body with a maximum membership of 32. The board elects its own members. Responsibility for the academic policy of the university is vested in the university senate.

*Ordinary member, AUCC.

SENATE The senate is the senior academic policy-making body of the university. Its membership of 150 includes 56 individuals who serve by virtue of their academic-administrative positions (including the chancellor, chairman of the board, the president, deans and principals, the vice-presidents, the director of libraries, the associate deans, two members of the board and all chairmen of departments or divisions); 69 elected by the faculty council; 15 elected by the student councils; and 10 elected from special constituencies. The senate is responsible for academic policy of the university and may recommend to the board of governors the establishment of chairs, faculties, schools, institutes, and departments; may establish councils in faculties, schools, or institutes established and may enact by-laws, rules and regulations for conduct of its affairs.

INCOME (1971-72) Current operating income, \$42,064,000 (fees 21%; provincial and federal grants 60%; residence 5%; other ancillary enterprises 9%; other 5%).

PUBLICATIONS Calendars and/or brochures are available for the faculties of arts, science, education, fine arts, administrative studies, environmental studies, graduate studies, Osgoode Hall Law School, Glendon College, Atkinson College, and the Lakeshore Teachers' College. Brochures printed concerning specific programs of study are available from individual departments of the university. Calendars may be obtained from the individual faculties. A brochure on admission requirements may be obtained from the office of admissions.

ACADEMIC YEAR Faculties of arts, science, fine arts, administrative studies, education and Glendon College: mid-September through April. Faculties of graduate studies and environmental studies: fall term — September to December; winter term — January to May; spring/summer term — May through August. Osgoode Hall Law School: early September to mid-May. Atkinson College — (part-time studies): autumn/winter session — late September to early April; summer evening session — mid-May to early August; summer day session — July through to mid-August.

BUILDINGS AND GROUNDS The York Campus consists of 600 acres on the northwestern edge of metropolitan Toronto. Located near the centre of a rapidly growing suburban region, it is readily accessible from downtown. The York Campus, the main centre of the university, provides educational, residential, and social facilities necessary for modern university life. Thirty-five academic and allied buildings have been completed to date on the York Campus. In addition to academic buildings for the sciences, humanities, law, administrative studies, and fine arts, facilities include six colleges and associated residences, Atkinson College for part-time students, a theatre/auditorium, physical education centre, indoor skating arena, three libraries, two lecture-hall buildings, four graduate residences and a twin-dome astronomical observatory. A seventh undergraduate college awaits construction of its own academic building and residence.

The 84-acre Glendon Campus is situated in a parkland setting at Bayview and Lawrence avenues in Toronto. Glendon College is largely residential with an enrolment limited to 1,450 students. The campus now contains a main academic and administrative building, library, residences for men and women, and a physical education centre.

STUDENT RESIDENCES York University offers residential accommodation for men and women on the Glendon and York campuses, on a room-and-board basis. Current facilities include: six undergraduate residences accommodating approximately 1,550 men and women on the York Campus, four graduate residences

(York Campus) accommodating 1,200; and two residences on the Glendon Campus accommodating 425 students.

LIBRARIES York University libraries are housed in four buildings. The Scott library, Osgoode law library, and Steacie science library are located on York Campus; Leslie Frost library is situated at Glendon College. The book collections, growing at the rate of more than 100,000 volumes a year, exceeded 750,000 volumes in 1971-72. The libraries also contain a growing collection of microfilms, microfiches, maps, films, pamphlets, phonograph records, etc., bringing the total collection to over a million items. The collections are selected for the express purpose of supporting the educational aims and curricula of the university, but other subjects are sufficiently represented to make independent study possible.

STUDENT LIFE University areas offering services to Canadian and foreign students include the following offices: student services, the registrar, college masters, and foreign student adviser (graduate studies).

MEDICAL SERVICES The university maintains a health service and infirmary on both campuses, where nurses and doctors are on duty five days a week during the academic year. A wide range of minor complaints can be treated by the health service and students, staff, and faculty are welcome to use its facilities. There is no special fee for medical services.

STUDENT COUNSELLING SERVICES Personal counselling services are available in the department of psychological services. Academic counselling services are offered through the student programs offices within individual faculties. Specialized services available include: a) the assignment of a faculty advisor for all first-year students in arts, science, and fine arts; b) general counselling services through the faculty of education for first-year students entering the pre-education program; specific vocational counselling for pre-education students prior to co-registration in the faculty in the second year; and vocational counselling in the graduating year; c) Atkinson College offers part-time students individual and group counselling, including adult counselling, also special workshops designed to increase academic competence and achievement of a successful life-style.

UNIVERSITY BOOKSTORES The main university bookstore is located in the central square of the York Campus. The bookstore stocks 21,000 titles of general interest, as well as books prescribed for courses. All books are priced at the Canadian publisher's or distributor's recommended list price with a five per cent discount offered on all cash book purchases. Charge accounts are available to all university students, faculties and staff. The bookstore carries a large selection of posters, imported prints, phonograph records, and crested items, in addition to office, technical, and artists' supplies. A bookstore is also operated in Glendon hall on the Glendon College Campus. Required and recommended books and supplies are stocked as well as casual clothing, stationery, and gifts. The Glendon hall bookstore has 24-hour access to the large stock of the York Campus bookstore. A discount of five per cent on cash book purchases is offered. Charge accounts are available to all York students, faculty, and staff.

STUDENT PLACEMENT SERVICES The Department of Manpower and Immigration maintains a Canada Manpower office on each campus which is available to any member of the university community seeking full or part-time employment. The faculty of administrative studies maintains a faculty student placement office for students in the master of business administration,

master of public administration, and undergraduate business programs.

STUDENT UNION The Council of the York Student Federation (CYSF), the central student governing body at York University, is composed of elected representatives from each of the colleges. The purpose of the CYSF is to serve the needs of its constituent members in their relationships with one another and with the university faculty and administration, as well as to represent them externally in relationships with other universities and organizations. Services of CYSF include allocation of student council fees to student organizations, publications, societies, and the campus radio station; the hosting of various social events throughout the academic year; and publication of a student directory, a student handbook, and a course evaluation guide.

GRADUATE STUDENT ORGANIZATIONS The Graduate Student Association acts as a student council, naming representatives to senate and the student federation (CYSF) as well as other academic and student committees, using activity fees for graduate events and individual departments, working together with (autonomous) student organizations in environmental studies, Osgoode Hall Law School, Atkinson College (part-time students), administrative studies, and the Council of the York Student Federation (which receives two-thirds graduate fees, for general student services). Graduates are represented (proportionally in G.S.A.) with one representative for each 40 students. Its council names an executive. Its role is social and political. Graduate students in each department share in academic planning by electing representatives on the graduate faculty council, departmental executives, and the graduate student senator, and ad hoc representatives on senate committees.

The Graduate Business Council is the student organization of the faculty of administrative studies, which co-ordinates social and academic events within the faculty, working specifically to improve relationships between faculty members and students. Represented on the senate of York University, the council has several committees to co-ordinate activities within the faculty.

GRADING SYSTEM Faculty of arts – 1) except for ungraded options, courses are graded by the letters A, B, C, D, together with “plus” modifications, or by E or F. When numerical assignments to these grades are needed for the purpose of calculating average performance on a number of courses, they are based on the following point system: F – 0; E – 1; D – 2; D+ – 3; C – 4; C+ – 5; B – 6; B+ – 7; A – 8; A+ – 9. 2) a student’s performance in an ungraded option is recorded as “ungraded and credited” (UC) or “ungraded and not credited” (UNC). (Included in the prescription of study for first-year arts students is the selection of a tutorial offered in the college of which the student is a member. This course is ungraded.)

Faculty of science – all courses are graded by the letters A, B, C, D, together with “plus” modifications or by F. The letter-grade system is the fundamental system of assessment of the candidates’ performance. Whenever numerical assignments to these grades are needed they are based on a percentage system with the following correspondences: grade F – minimum percentage 0; D – 50%; D+ – 55%; C – 60%; C+ – 65%; B – 70%; B+ – 75%; A – 80%; A+ – 90%.

Graduate studies – grades will be awarded for every course in which a student is enrolled in accordance with the following system: A – high; B – satisfactory; C – conditional; F – failure; I – incomplete.

Glendon College – all courses at Glendon College are graded on the following system: letter A+, point value 10, minimum average 90%; A, 9, 80%; B+, 7, 75%; B, 6, 70%; C+, 5, 65%; C, 4, 60%; D+, 3, 55%; D, 2, 50%; F, 0, below 50%. Excellent – A, B+; good – B, C+; satisfactory – C, D+; D – unsatisfactory, but passing; F – failing; W – withdrawal without failure; X – incomplete; Y – aegrotat.

Atkinson College – the student’s work is graded by letters. Below are the letter grades and their range of percentage equivalents used for calculating the average performance: A+ – 90-100%; A – 80-89%; B+ – 75-79%; B – 70-74%; C+ – 65-69%; C – 60-64%; D+ – 55-59%; D – 50-54%; E – 40-49%; F – 0-39%.

Administrative studies – the following grading system is applicable to all students in the MBA/MPA programs: letter grade and corresponding index value for computing grade point average: A+ – 9; A – 8; A- – 7; B+ – 6; B – 5; B- – 4; C+ – 3; C – 2; C- – 1; F – 0.

Environmental studies – following are the grade symbols: P – course passed satisfactorily; U – course work unsatisfactory; W – registration in course withdrawn; I – course work incomplete; E – student exempt from course; S – first term of two-term course; AU – course completed not for credit; NR – no report from instructor.

Fine arts – 1) Courses are graded by the letters A, B, C, D, together with “plus” modifications, or by F. When numerical assignments to these grades are needed for the purpose of calculating average performance on a number of courses, they are based on the following point system: F – 0; D – 4; D+ – 6; C – 8; C+ – 10; B – 12; B+ – 14; A – 16, A+ – 18. 2) A student’s performance in an ungraded option is recorded as “ungraded and credited” (UC) or “ungraded and not credited” (UNC). (First-year students in fine arts may select a tutorial offered in the college of which the student is a member. This course is ungraded.)

Osgoode Hall Law School – 1) A student shall receive one of the following letter grades for each course or seminar: A – excellent; work demonstrates a high degree of comprehension, competence and/or imagination; B – good; distinctly above average but below the pervasive excellence of the A grade; C – acceptable; average work of a decent standard; D – marginal; some comprehension of basic principles; a bare pass; F – fail; work which, in the opinion of the instructor, falls below an acceptable minimum. 2a) The grade point average of each student shall be calculated on the following basis: A – 4; B – 3; C – 2; D – 1; F – 0. 2b) Grade point averages thus calculated will be translated into the following letter grade averages: over 3.5-4.0 grade point average – A; over 2.5-3.5 grade point average – B; 1.6-2.5 grade point average – C. Less than 1.6 grade point average – F.

STUDENT AWARDS AND FINANCIAL ASSISTANCE Admission scholarships (for students entering from Grade 13 or equivalent): General Motors scholarship – valued at \$1,000 per annum for three or four years, provided that an acceptable standing is maintained. Governor’s scholarships – up to 15 at \$1,500 each for non-resident students, and \$2,300 for resident students, entering first year and who give evidence of exceptionally high achievement and promise. Scholarships may be renewed, for a second year, provided recipients maintain a satisfactory level of performance.

In-course scholarships: Floyd S. Chalmers Foundation travelling scholarship – a travel grant of \$1,500 awarded annually to a

third-year theatre arts student to provide for a summer of independent study abroad or on this continent. Floyd S. Chalmers Foundation scholarship and bursary fund (program in dance) – grants applied to the payment of tuition fees may be awarded annually to undergraduate students in the program in dance. Carl Dair memorial scholarship – an undergraduate in-course scholarship to be awarded to a student in the program in art (studio). Selection made upon the recommendation of the faculty of fine arts; value \$150. The Lex Mackenzie scholarship – named in honor of Major A.A. Mackenzie, MC; valued at \$150 annually; awarded to an outstanding full-time undergraduate in the Canadian history course, or one considered equivalent by the appropriate faculty. Awarded in alternate years in the faculty of arts and the faculty of Glendon College. Susan Moulton McMaster memorial scholarship – a \$500 fund awarded to women students at Atkinson College. It is intended that the recipients enter the education, medical, social, religious service or some other related field. William Pearson Scott scholarship – \$1,000 awarded to an outstanding student in economics or political science, entering his fourth year of specialized honors studies, or in his first year of graduate work in either or both of these fields. National Heritage Foundation scholarship – tuition scholarship awarded annually to a York student studying some area of the fine or useful arts as they relate to the preservation of the cultural heritage of Canada. Students who qualify must show a continuing interest in developing interdisciplinary studies between history and the fine arts. Law – information regarding scholarships in the field of law is available from Osgoode Hall Law School of York University. Graduate scholarships and fellowships – students applying for admission to graduate studies at York should consult the office of the faculty of graduate studies for information on graduate awards. Students graduating from the university are eligible to apply for a number of graduate scholarships and fellowships for study in Canada and abroad. Further information and forms of application may be obtained from the office of student awards.

FINAL EXAMINATIONS Administrative studies – examinations are given at the end of both terms in April and August and deferred exams may be allowed in some cases. Arts – approximately half of the courses offered in the faculty of arts require final examinations. Exams are held in April and both supplemental and deferred exams are allowed. Atkinson College – examinations or final essays are given at the end of most courses and held in early April and August. Supplemental and deferred exams are permitted. Environmental studies – assessment made by the instructor may be based on a combination of formal examinations, participation in classes, work submitted and other evidence: emphasis on various criteria may be expected to vary depending on the nature of the course.

Graduate studies – in lieu of formal exams, the majority of course requirements are satisfied by papers and research; just prior to graduation oral exams for theses and dissertations are given. Glendon College – final examinations are held at the discretion of each individual professor at Glendon College and when given take place at the end of the term. Students may petition for deferred exams. Fine arts – although usually not a requirement for practical courses, written exams are usually held in theory courses at the end of term in April. Deferred exams are permitted. Osgoode Hall Law School – examinations are given by some professors; however, other course requirements are satisfied through papers. Science – final exams are held in April. Deferred exams are allowed.

GRADUATION Degrees are conferred by York University at spring (late May, early June) and fall (mid-October) convocations.

FEES AND COSTS Full-time undergraduates, all inclusive fee – \$660 for the academic year. Part-time undergraduates – \$124 per course. Full-time graduates – \$300 per term. Part-time graduates – \$150 per two-term course. Full-time administrative studies students – \$330 per term. Part-time administrative studies students – \$65 per one-term course. Osgoode Hall Law School – \$650 per two-term year.

Residence fees – room: 4 September 1972 to 30 April 1973, single room – \$675, double room – \$600. Meals: 11 September 1972 to 30 April 1973, 19 meals per week – \$495, 14 meals per week – \$465, 10 meals per week – \$375. Residence students must contract for one of the three meal plans indicated. Glendon College – an additional meal plan, available at Glendon College: 5 meals per week – \$190.

ADMISSION REQUIREMENTS

Canadian students – undergraduate

1. Applicants for admission to the university must have completed a full Ontario grade 13 program certified by the school as appropriate in terms of content and achievement for a university degree program with standing in all grade 13 subjects. In addition to the academic record, the university requires a report from the high school. Candidates are advised that the holding of the published admission requirements means only that they are eligible for selection.

2. Specific requirements. Administrative studies (bachelor of arts) – applicants for admission to the BA honors business program third and fourth years must have successfully completed two years of university-level studies beyond grade 13 or the equivalent; one introductory economics course and one introductory calculus and business mathematics course, both with a minimum final grade of C+ and have an overall minimum of a C+ average or higher, with no grade lower than a C in the major area.

Arts (bachelor of arts) – applicants to the BA program in the faculty of arts may select any grade 13 subjects deemed acceptable by their school for the purpose of admission to university. Joseph E. Atkinson College – applicants to the BA program through part-time study in the Joseph E. Atkinson College may select any grade 13 subjects deemed acceptable by their school for the purpose of admission to the university. Glendon College – applicants for admission to the Glendon College BA program bilingual stream may select any grade 13 subjects deemed acceptable by their school for the purpose of entrance to university and must have at least 60% in grade 12 French, or standing in grade 13 French. Applicants for admission to the Glendon College BA program unilingual stream may select any grade 13 subjects deemed acceptable by their school for the purpose of entrance to university.

Education – students who have successfully completed the Ontario grade 13 program or equivalent and who have been admitted to an undergraduate faculty at York may in their freshman year, enrol in a pre-education orientation seminar and a volunteer teachers' aid program. Students who have successfully completed the first year of an undergraduate program (minimum B standing) and satisfactorily completed an interview and series of tests may apply to co-register in the faculty of education program: education I.

Fine arts (bachelor of fine arts) – applicants for admission to the

BA program in the faculty of fine arts may select any grade 13 subjects deemed acceptable by their school for the purpose of entrance to university. Applicants wishing to concentrate in either studio or performance will be required to offer appropriate evidence of aptitude or achievement for faculty evaluation.

Law (bachelor of laws) — a candidate for admission to the first year of the LLB program at Osgoode Hall Law School must either: present proof that following junior matriculation (Ontario grade 12 or equivalent) he has successfully completed three years of an approved course, leading to a degree at a recognized university; or following senior matriculation (Ontario grade 13 or its equivalent) he has successfully completed two years of an approved course leading to a degree at a recognized university; or that he has been awarded a degree by a recognized university. All candidates must submit a law school admission test score and satisfy all other requirements that may be prescribed. Eligibility does not guarantee admission. Admissions will be decided on a competitive basis taking into account principally the candidate's pre-law academic record and the law school admission test score.

Science (bachelor of science) — applicants for admission to the BSc program in the faculty of science must offer at least one full credit in grade 13 chemistry and physics and must offer preparation in mathematics equivalent to that previously understood by the designated "mathematics A". An overall average of at least 60% is required in these subjects. Applicants for admission to the liberal science program in the faculty of science may select any grade 13 subjects deemed acceptable by their school for the purpose of entrance to university.

Graduate

1. General requirements — to be considered for admission to the faculty of graduate studies a student must be a graduate of a recognized university, normally with at least a B (second-class) standing, or with qualifications accepted as equivalent. Evidence of other relevant experience including portfolios of work, letters of recommendation, and results of tests is also taken into account. Students who are admitted usually have first- or high second-class undergraduate averages (A or B+). In a few exceptional cases, students without undergraduate degrees may be admitted to graduate work in business administration and environmental studies. Students seeking admission to the graduate programs in administrative studies, environmental studies, or law (the Osgoode Hall Law School) should also consult the appropriate faculty calendar.

2. Specific requirements. Administrative studies (master of business administration and master of public administration) — applicants must meet the admission requirements of the faculty of graduate studies; submit two recommendations; be able to handle mathematics at the senior high school level or its equivalent; be proficient in English; have a B average in their last two years of undergraduate study; and at least a score of 450 or better on the ATGSB test or a score of 550 or better if their final two-year average is less than a B. (For information on qualifications necessary for admission without undergraduate degrees consult the faculty of administrative studies.) Doctor of philosophy — one semester of university calculus and one semester of modern algebra at the university level are prerequisites for admission to the PhD program. Graduates with a four-year honors undergraduate degree with high second-class standing may register as provisional candidates and are required to take courses equivalent to the first year of the MBA/MPA program before being admitted as candidates into the first year of the PhD program. Graduates with a four-year honors undergraduate degree in business administration or its equivalent or with certain master's degrees may be admitted

as provisional candidates directly into the first year of the program. Graduates with an MBA or MPA degree from York may be admitted into the second year of the program.

Arts (master of arts) — applicants meeting the general admission requirements of the faculty of graduate studies and who have been awarded an acceptable undergraduate honors degree or equivalent may be admitted to the status of candidate for a master's degree. Undergraduate degrees not designated as honors degrees are acceptable as the equivalent of an undergraduate honors degree if they require four years' attendance at a university or college beyond grade 12 or 13 and if during this period the student is required to complete successfully at least eight full courses in one discipline. Applicants acceptable for admission who do not have adequate preparation for enrolment as candidates may be admitted to the status of provisional candidate for an MA degree and enrolled for one year in a make-up or qualifying program. Doctor of philosophy — students holding an acceptable master's degree or who are given credit for one year of comparable work, may be admitted to the status of candidate for a doctoral degree and enrolled in the second year of a three-year program. Students who meet minimum standards for admission to graduate work and who have A or B standing in the final year of an acceptable undergraduate honors degree program or equivalent, may, in certain graduate programs, be admitted to the status of candidate for a doctoral degree and may enrol in the first year of a three-year program.

Environmental studies (master of environmental studies) — to be considered for admission to graduate work in environmental studies, the applicant must be a graduate of a recognized university, normally with at least a B (second-class) standing, or have qualifications accepted as equivalent by the senate committee on admissions.

Law (master of laws) — candidates should possess a first degree in law (normally with at least a B average). Doctor of jurisprudence — applicants must possess ability to conduct advanced and independent law research in the English language and hold the degree of LLB or LLM or their equivalents.

Science (master of science and doctor of philosophy) — applicants must meet the general admission requirements of the faculty of graduate studies and any specific requirements of the graduate program in which they wish to enrol.

COURSES AND DEGREES

ADMINISTRATIVE STUDIES

Faculty of administrative studies

Bachelor of arts (BA). A four-year specialized honors program leading to the BA (honors in business) degree is offered. This course comprises two years in another undergraduate faculty followed by two years in the faculty of administrative studies.

Faculty of graduate studies

Master of business administration (MBA). Master of public administration (MPA). Two years from a three-year or four-year degree in courses other than business administration or commerce.

A possibility of one year from a four-year degree in business administration or commerce. This program is also open to part-time students.

Doctor of philosophy (PhD). At least two years from the MBA or MPA or three years from the four-year BA.

Art, see fine arts

ARTS

Faculty of arts

Bachelor of arts (BA). a) Ordinary program — three years from senior matriculation. b) Specialized honors, combined honors, and general honors programs, four years from senior matriculation. The ordinary program is offered in anthropology*, economics*, English*, French*, geography*, German*, Greek, history*, Latin, mathematics*, philosophy*, political science, psychology*, Russian, sociology*, and Spanish. Specialized honors programs in subjects marked*, also physical education.

Combined honors programs are offered in certain combinations of the above plus computer science, German, Greek, humanities, Latin, linguistics, Russian, and Spanish. The general honors program has been established as a framework to enable students with the approval of the faculty, to select a pattern of studies not otherwise available to BA honors candidates. At present six general honors programs have been mounted formally: East Asian studies, human resources development, Latin American and Caribbean studies, philosophy and history of science, social and political thought, and urban studies.

Bachelor of arts (BA) through part-time study. At least three years from senior matriculation for BA; at least four years from senior matriculation for BA honors. (In order to complete degree in three or four years, students must attend both the fall/winter and summer sessions each year.) At present, ordinary BA programs requiring 15 course credits are offered in computer science*, English*, economics*, fine arts, geography*, history*, mathematics*, philosophy*, political science*, psychology*, science, sociology, and urban studies. Honors programs requiring 20 course credits in subjects marked*, also administrative studies and social welfare.

Glendon College

Bachelor of arts (BA). a) Ordinary program — three years from senior matriculation. b) General honors, specialized honors, and combined honors programs — four years from senior matriculation. Ordinary and honors programs are available in economics, English, French, history, philosophy, political science, psychology, and sociology. Spanish is available as the second major in a combined honors program with French as the principal major. Also a major in Canadian studies is offered in the ordinary program only.

Faculty of graduate studies

Master of arts (MA). Two years from three-year BA, or one year from four-year BA. This degree is presently offered in the fields of economics, English, geography, history, mathematics, philosophy, political science, psychology, sociology, and social and political thought.

Doctor of philosophy (PhD). At least two years from MA or three years from four-year BA. This degree is available in English, history, philosophy, political science, psychology, and sociology.

Business administration, see administrative studies

Dance, see fine arts

EDUCATION

Faculty of education; faculties of arts, science, or fine arts

Bachelor of arts/bachelor of education (BA/BEEd). Bachelor of science/bachelor of education (BSc/BEEd). The faculty of education represents an exploration of the relationship between teaching techniques and academic fields of knowledge, based on co-registration of students in another undergraduate faculty as well as the faculty of education and on a substantial series of faculty cross-appointments.

a) Ordinary program — three years from successful completion (minimum B standing) of the first year of an undergraduate program. b) Honors program — four years from successful completion (minimum B standing) of the first year of an undergraduate program. Programs offered are interdisciplinary in nature: communication arts, fine arts, man and nature, man and society, man and his culture, quantitative methods, second languages, special education, and physical education (including health and recreation). A special emphasis providing students with a repertoire of remedial teaching skills will be characteristic of these programs. Depending on the nature of their other undergraduate programs, students will be eligible for either type "A" or type "B" teaching certificate.

ENVIRONMENTAL STUDIES

Faculty of environmental studies, faculty of graduate studies

Master in environmental studies (MES). A transdisciplinary program taking up to three years from a three-year or four-year undergraduate degree (or the equivalent) in any field. This program is also open to part-time students.

Film, see fine arts

FINE ARTS

Faculty of fine arts

Bachelor of arts (BA). Four years from senior matriculation; honors programs in art, dance, film, theatre, and music.

Osgoode Hall Law School

Bachelor of laws (LLB). Three years from third year beyond junior matriculation of an approved university course; or three years from second year beyond senior matriculation of an approved university course; or three years from a bachelor's degree from a recognized university.

Faculty of graduate studies

Master of laws (LLM). At least one year from LLB degree from an approved law faculty or school. This program is also open to part-time students.

Doctor of jurisprudence (DJur). At least one year from LLM degree from an approved law faculty or college. May be awarded for published work.

Music, see fine arts

Public administration, see administrative studies

SCIENCE

Faculty of science

Bachelor of science (BSc). a) Ordinary program, three years from senior matriculation. b) Honors program, four years from senior matriculation. The ordinary program is offered in biology, chemistry, mathematics, physics, and psychology. Specialized honors programs are offered in the same subjects, also physical education. Combined honors programs are offered in certain combinations of these subjects, as well as in computer science and mathematics. c) The three-year liberal science program is designed to provide a broad education in science with emphasis on the relationship of science to other areas of knowledge (e.g., history, economics, industry, government) and to society in general.

Faculty of graduate studies

Master of science (MSc). Two years from three-year BSc or one year from four-year BSc. This degree is presently offered in the fields of biology, chemistry, physics, and in the interdisciplinary Centre for Research in Experimental Space Science.

Doctor of philosophy (PhD). At least two years from MSc or three years from four-year BSc. This degree is available in biology,

chemistry, physics, and in the interdisciplinary Centre for Research in Experimental Space Science.

Theatre, see fine arts

EXTENSION PROGRAMS (Part-time programs)

For university credit

The Joseph E. Atkinson College offers degree programs for undergraduates on a part-time basis in both summer and autumn/winter sessions. (Fifteen course credits required for ordinary BA; 20 course credits required for honors BA.) In graduate studies, the faculty of administrative studies offers programs of part-time study leading to the master of business administration and master of public administration degrees; the faculty of environmental studies allows students to study for the master of environmental studies degree on a part-time basis. The master of laws degree is available through part-time study at the Osgoode Hall Law School and the faculty of graduate studies has recently instituted part-time master of science degree programs in physics and in chemistry.

For no university credit

The Centre for Continuing Education offers non-degree courses, conferences, and seminars for individuals who wish to continue their education through formal participation in university-level programs. At the present time, courses are offered in fine arts, human relations, education, languages, law, management and administration, and society and environment.

SPECIAL PROGRAMS The York University curriculum is based on the principle that students should be able to pursue a wide range of interdisciplinary studies before selecting a disciplinary specialty. Students in their first year select a broad range of interdisciplinary courses in the humanities, social sciences, and natural sciences. In higher years of study, when students have chosen a disciplinary specialty, cognate interdisciplinary courses are offered as options.

RESEARCH INSTITUTES Centre for Research in Experimental Space Science (CRESS). An interdisciplinary collaborative research endeavor resulting from community of research interest of present members of the departments of chemistry and physics in the fields of laboratory astro-physics, laboratory chemistry, aeronomy, astronomy, chemical physics, and rocket studies of upper atmosphere. Much of the present graduate work and research of the two departments is done in the centre where there are also graduate programs in chemistry and in physics for students whose research is not part of the CRESS program. Director: R.W. Nicholls, ARCS, BSc, PhD, DSc.

Centre for Research on Environmental Quality (CREQ). The centre was established in 1969 to promote, support and co-ordinate research and study programs in multidisciplinary problems of environmental pollution. Acting director: C.D. Fowle, BA, MA, PhD.

Institute for Behavioural Research (IBR) is a research unit of the

university established in 1965 to facilitate large-scale and interdepartmental research in behavioral sciences. Its three main divisions; data analysis section, survey research centre, and data bank offer a variety of services to social scientists both inside and outside the university. Secondly the institute acts as a co-ordinating body for social science research projects being conducted within the York academic community. Director: F.F. Schindeler, BA, MA, PhD.

Transport Centre. A self-supporting interdisciplinary centre established in 1969, to promote, support, and co-ordinate transportation programs and transportation research at the graduate level and beyond. Director: J.W. Langford, BA, MA.

CONSTITUENT COLLEGES Joseph E. Atkinson College, York University, Downsview 463, Ontario. Established in 1962. Dean: Harry Crowe, MA. The college has instituted evening and part-time courses leading to the BA and honors BA degrees (for course listing see courses and degrees).

Glendon College, 2275 Bayview Avenue, Toronto 317, Ontario. Established in 1966 on the Glendon Campus of York University. Principal: Albert Tucker, PhD. Glendon College, a small, liberal

arts college emphasizing Canadian studies in a bilingual and bicultural atmosphere, offers courses leading to the BA and honors BA degrees. All students in the bilingual program of the college take a second language (French for English-speaking students) for their first two years, and some subject courses are offered in French. (For course listings, see courses and degrees.)

York University has been developed on the college system. Each full-time undergraduate student is a member of a college with which he is associated throughout his university career. Each college has its own dining hall, seminar room, recreation areas, and associated residence building. As members of a small college of approximately 1,200 undergraduates, students have the combined advantages of a small college atmosphere while enjoying the facilities and intellectual vigor of a large university.

There are seven colleges for full-time undergraduate students on the York Campus, at the present time. These colleges, their founding dates, and respective college masters are as follows: Founders College (1965) – Hugh Parry, MA, PhD. Vanier College (1966) – C.D. MacNiven, BA, MA, PhD. Winters College (1967) – Desmond Maxwell, BA, PhD. McLaughlin College (1968) – George Tatham, BA, MA, PhD. Stong College (1969) – Virginia Rock, BA, MA, PhD. Calumet College (1970) – Ian Sowton, BA, MA. Bethune College (1971) – G.D. Killam, BA, PhD.

Community colleges

Institutions d'enseignement
post-secondaire

For information concerning the colleges or their programs of study, write directly to the institution or the Association of Canadian Community Colleges, 845 Ste-Croix Blvd., St-Laurent, Montreal 379, Quebec.

Pour obtenir des renseignements concernant les collèges ou leurs programmes d'études, veuillez écrire directement à l'institution même ou à l'Association des collèges communautaires du Canada, 845, boul. Ste-Croix, St-Laurent, Montréal 379 (Québec).

BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE

British Columbia Institute of Technology
3700 Willingdon Ave.
Burnaby 2, B.C. (604-434-5722)
Principal: Mr. D.H. Goard

Camosun College
Box 490
Victoria, B.C. (604-592-2478)
Principal: Dr. Grant Fisher

Capilano College
(Main campus) 1170 Mathers Ave.
West Vancouver, B.C. (604-926-5551)
Principal: Mr. A.H. Glenesk

Capilano College
St. David Campus
Taylor and Way and Upper Levels Highway
Vancouver, B.C.

Capilano College
West Welch Campus
1801 Welch St.
North Vancouver, B.C.

Cariboo College
Box 860
Kamloops, B.C. (604-374-6294)
Principal: Mr. J. Harrison

College of New Caledonia
2901 20th Ave.
Prince George, B.C. (604-562-1312)
President: Dr. F.J. Speckeen

Columbia Junior College
Vancouver, B.C. (604-733-9151)
Principal: to be appointed

Douglas College
(Main campus) 332 Columbia St.
New Westminster, B.C. (604-521-4851)
Principal: Dr. G. Wootton

Douglas College
(Main campus) Surrey Campus
9260 - 140th St.
Surrey, B.C.

Douglas College
Richmond Campus
745 Elmbridge Way
Richmond, B.C.

Malaspina College
(Main campus) 375 Kennedy St.
Nanaimo, B.C. (604-753-1211)
Principal: Dr. C.M. Opgaard

Malaspina College
Vocational Division
401 Wakesiah Ave.
Nanaimo, B.C.

Okanagan College
(Main campus) 1638 Pandosy St.
Kelowna, B.C. (604-762-5445)
President: Dr. Rowland Grant

Okanagan College
Osoyoos Centre
Box 308
Osoyoos, B.C.

Okanagan College
Salmon Arm Centre
Box 189
Salmon Arm, B.C.

Okanagan College
Vernon Centre
Mission Rd., Box 1088
Vernon, B.C.

Royal Roads Military College
Victoria, B.C. (604-388-1603)
Commandant: Colonel R.C.K. Peers

Selkirk College
(Main campus) Box 1200
Castlegar, B.C. (604-365-7292)
Principal: Dr. W.F. Murison

Selkirk College
Vocational School and Kootenay School of Art
Box 480
Nelson, B.C.

Trinity Western College
Box 789, 7600 Glover Cres.
Langley, B.C. (604-534-5381)
Chief executive officer: Dr. Calvin Hanson

Vancouver City College
(Main campus) 1595 W. 10th Ave.
Vancouver 9, B.C. (604-731-1131)
Principal: Dr. J.T. Gilligan

Vancouver City College
Community Education Services
1595 W. 10th Ave.
Vancouver 9, B.C.

Vancouver City College
Langara Campus
100 W. 49th Ave.
Vancouver 15, B.C.

Vancouver City College
Special Programs Division
951 W. 12th Ave.
Vancouver 9, B.C.

Vancouver City College
Vancouver School of Art
249 Dunsmuir St.
Vancouver, B.C.

Vancouver City College
Vancouver Vocational Institute
250 West Pender St.
Vancouver 3, B.C.

ALBERTA

Camrose Lutheran College
Camrose, Alta. (403-672-3381)
President: Rev. K.G. Johnson

Concordia Lutheran College
Edmonton, Alta. (403-477-6955)
President: to be appointed

Fairview Agricultural and Vocational College
Fairview, Alta. (403-835-2213)
President: Mr. J.A.R. Palin

Grande Prairie Community College
10306 – 102nd Ave.
Grande Prairie, Alta. T8V 2W4 (403-532-8855)
President: Dr. H.N. Anderson

Grant MacEwan Community College
(Main campus) 400-10150 – 100th St.
Edmonton, Alta. T5J 2P2 (403-425-8810)
President: Mr. John Haar

Grant MacEwan Community College
Assumption Campus
10765 – 98th St.
Edmonton, Alta.

Grant MacEwan Community College
Cromdale Campus
8020 – 118th Ave.
Edmonton, Alta.

Grant MacEwan Community College
Old Scona Campus
10523 – 84th Ave.
Edmonton, Alta.

Lethbridge Community College
5th Ave. and 18th St. S.
Lethbridge, Alta. T1K 1L6 (403-327-2141)
President: Dr. C.D. Stewart

Medicine Hat College
Medicine Hat, Alta. (403-527-2277)
President: Dr. E.S. Chace

Mount Royal College
(Main campus) 7th Ave. and 11th St. S.W.
Calgary, Alta. T3E 6K6 (403-246-6111)
President: Dr. W.B. Pentz

Mount Royal College
Churchill Park Campus
332 6th Ave. S.E.
Calgary, Alta. T2G 0G5

Mount Royal College
Old Sun Campus,
Blackfoot Reserve, Box 339
Gleichen, Alta. T0J 1B2

Northern Alberta Institute of Technology
11762 – 106th St.
Edmonton, Alta. (403-479-8471)
President: to be appointed

Olds Agricultural and Vocational College
Olds, Alta. (403-226-3311)
President: Mr. W.J. Collin

Red Deer College
56th Ave. and 32nd St.
Red Deer, Alta. (403-346-3376)
Administrator: Dr. Ray Fast

Southern Alberta Institute of Technology
1301 — 16th Ave. N.W.
Calgary, Alta. T2M 0L4 (403-284-8110)
President: Mr. F.C. Jorgenson

Vermillion Agricultural and Vocational College
Vermillion, Alta. (403-853-3366)
President: Mr. W.S. Baranyk

SASKATCHEWAN

Prince Albert Community College
Box 970
Prince Albert, Sask. (306-763-6446)
Principal: to be appointed

St. Peter's College
Muenster, Sask. (306-682-3373)
Principal: Rev. V. Morrison

Saskatchewan Institute of Applied Arts and Sciences
(Main campus) Regina, Sask. (306-525-6108)
Principal: Mr. R.L. Gardner

Saskatchewan Institute of Applied Arts and Sciences
Regina Vocational Centre
4600 Dewdeny Ave.
Regina, Sask.

Saskatchewan Institute of Applied Arts and Sciences
33rd St. and Idylwyld Dr., Box 150
Saskatoon, Sask. (306-652-1800)
Principal: Mr. Ian Wilson

Saskatchewan Technical Institute
Saskatchewan St. and 6th Ave. N.W.
Moose Jaw, Sask. (306-692-0691)
Principal: Mr. R.P. Barschel

MANITOBA

Assiniboine Community College
1430 Victoria Ave. E.
Brandon, Man. (204-727-8421)
Principal: Mr. R.A. Jones

Keewatin Community College
The Pas, Manitoba (204-623-3416)
Principal: Mr. M.N. Eastman

Red River Community College
(Main campus) 2055 Notre Dame Ave.
Winnipeg, Man. R3H 0J9 (204-786-6311)
Principal: Mr. G.L. Talbot

Red River Community College
B.T.S.D. Training Centre
139 Tuxedo Ave.
Winnipeg, Man.

ONTARIO

Colleges of Applied Arts and Technology (CAAT'S)

Algonquin College of Applied Arts and Technology
(Main campus) Schools of Applied Arts and Business and the
Technical Centre
1385 Woodroffe Ave.
Ottawa, Ont. K2G 1V8 (613-725-7507)
President: Dr. G.B. Mayer

Algonquin College of Applied Arts and Technology
Retraining Centres:

1644 Bank St., Ottawa, Ont. K1V 7Y6;

491 Bank St., Ottawa, Ont. K2P 1Z2;

7 Craig St., Perth, Ont.;

315 Pembroke St. E., Pembroke, Ont.

Algonquin College of Applied Arts and Technology
School of Technology
200 Lees Ave.
Ottawa, Ont. K1S 0C5

Algonquin College of Applied Arts and Technology
Upper Ottawa Valley Campus
315 Pembroke St. E.
Pembroke, Ont.

Cambrian College of Applied Arts and Technology
261 Notre Dame Ave.
Sudbury, Ont. (705-675-6453)
President: Mr. J.T. Koski

Canadore College of Applied Arts and Technology
Box 3001
North Bay, Ont. (705-474-7600)
President: Dr. M.A. Hewgill

Centennial College of Applied Arts and Technology
(Main campus) 651 Warden Ave.
Scarborough, Ont. (416-694-3241)
President: Mr. Douglas Light

Centennial College of Applied Arts and Technology
Ashtonbee Campus
930-936 Warden Ave.
Scarborough, Ont.

Centennial College of Applied Arts and Technology
Birchmount Campus
424 Birchmount Rd.
Scarborough, Ont.

Centennial College of Applied Arts and Technology
Progress Campus
401 and Markham Rd.
Scarborough, Ont.

Centennial College of Applied Arts and Technology
St. Augustine's Campus
2661 Kingston Rd.
Scarborough, Ont.

Centennial College of Applied Arts and Technology
Scarborough Regional School of Nursing
2877 Ellesmere Rd.
Scarborough, Ont.

Centennial College of Applied Arts and Technology
Thornccliffe Campus
Thornccliffe Park Plaza, 45 Overlea Blvd.
Leaside, Ont.

Conestoga College of Applied Arts and Technology
(Main campus) 299 Doon Valley Dr.
Kitchener, Ont. (519-653-2511)
President: Mr. J.W. Church

Conestoga College of Applied Arts and Technology
Doon Centre
299 Doon Valley Dr.
Kitchener, Ont.

Conestoga College of Applied Arts and Technology
Galt Centre
5 Cambridge St.
Galt, Ont.

Conestoga College of Applied Arts and Technology
Guelph Centre
460 Speedvale W.
Guelph, Ont.

Conestoga College of Applied Arts and Technology
Huron Centre
P.O. Box 802
Seaforth, Ont.

Conestoga College of Applied Arts and Technology
Stratford Centre
P.O. Box 848
Stratford, Ont.

Conestoga College of Applied Arts and Technology
Waterloo Centre
435 King St. N.
Waterloo, Ont.

Confederation College of Applied Arts and Technology
P.O. Box 398, Postal Station F
Thunder Bay, Ont. (807-577-5751)
President: AVM D.A.R. Bradshaw

Durham College of Applied Arts and Technology
P.O. Box 385, Simcoe St. N.
Oshawa, Ont. (416-576-0210)
President: Dr. G.E. Willey

Fanshawe College of Applied Arts and Technology
(Main campus) P.O. Box 4005, Terminal "C"
1460 Oxford St. E.
London, Ont. (519-451-7270)
President: Dr. J.A. Colvin

Fanshawe College of Applied Arts and Technology
Norfolk Centre
P.O. Box 10
Simcoe, Ont.

Fanshawe College of Applied Arts and Technology
Oxford Centre
R.R. 3
Woodstock, Ont.

George Brown College of Applied Arts and Technology
(Main campus) P.O. Box 1015, Station "B"
Toronto 2B, Ont. (416-362-3971)
President: Mr. C.C. Lloyd

George Brown College of Applied Arts and Technology
Casa Loma Campus
37 Dartnell Ave.
Toronto, Ont.

George Brown College of Applied Arts and Technology
College Campus
507 College St.
Toronto, Ont.

George Brown College of Applied Arts and Technology
Keele Campus
323 Keele St.
Toronto, Ont.

George Brown College of Applied Arts and Technology
Kensington Campus
P.O. Box 1015, Station "B"
Toronto 2B, Ont.

George Brown College of Applied Arts and Technology
Teraulay Campus
51 Teraulay St.
Toronto, Ont.

Georgian College of Applied Arts and Technology
(Main campus) 401 Duckworth St. W.
Barrie, Ont. (705-728-1951)
President: Mr. R.P. Crawford

Georgian College of Applied Arts and Technology
Barrie Plaza Campus
165 Wellington St. W.
Barrie, Ont.

Georgian College of Applied Arts and Technology
Information Centres:

136 Bayfield St., Barrie, Ont.;

33 Mississaga St. W., Orillia, Ont.

Georgian College of Applied Arts and Technology
Orillia Campus
135 West St. N.
Orillia, Ont.

Georgian College of Applied Arts and Technology
Owen Sound Campus
1150 8th St. E.
Owen Sound, Ont.

Georgian College of Applied Arts and Technology
Penetanguishene Campus
35 Lorne St.
Penetanguishene, Ont.

Humber College of Applied Arts and Technology
(Main campus) Humber College Blvd.
P.O. Box 1900
Rexdale, Ont. (416-677-6810)
President: Mr. Gordon Wragg

Humber College of Applied Arts and Technology
Keelsdale Campus
88 Industry St.
Weston, Ont.

Humber College of Applied Arts and Technology
Queensway Campus
56 Queen Elizabeth Blvd.
Toronto 550, Ont.

Humber College of Applied Arts and Technology
South Campus
3495 Lakeshore Blvd. W.
Toronto 14, Ont.

Humber College of Applied Arts and Technology
Storefront Humber
2945 Lakeshore Blvd. W.
Toronto 14, Ont.

Humber College of Applied Arts and Technology
Training in Business and Industry
5233 Dundas St. W.
Islington 678, Ont.

Lambton College of Applied Arts and Technology
(Main campus) Modeland Road Campus
1457 London Rd., P.O. Box 969
Sarnia, Ont. (519-542-7751)
President: Mr. G.M. Delgrosso

Lambton College of Applied Arts and Technology
Bluewater Campus
Huron Blvd., P.O. Box 969
Sarnia, Ont.

Loyalist College of Applied Arts and Technology
P.O. Box 4200
Belleville, Ont. (613-962-9501)
President: Mr. Herbert Young

Mohawk College of Applied Arts and Technology
(Main campus) 135 Fennell Ave. W.
Hamilton, Ont. (416-389-4461)
President: Mr. Sam Mitminger

Mohawk College of Applied Arts and Technology
Braneida Campus
Elgin St.
Brantford, Ont.

Mohawk College of Applied Arts and Technology
English Language Centre
907 King St. E.
Hamilton, Ont.

Mohawk College of Applied Arts and Technology
Saltfleet Campus
481 Barton St. E.
Stoney Creek, Ont.

Mohawk College of Applied Arts and Technology
Wentworth Campus
196 Wentworth St. N.
Hamilton, Ont.

Niagara College of Applied Arts and Technology
Woodlawn Rd.
Welland, Ont. (416-735-2211)
President: Mr. A.S. Manera

Northern College of Applied Arts and Technology
(Main campus) 155 Pine St. S.
Timmins, Ont. (705-264-9413)
President: Mr. J.H. Drysdale

Northern College of Applied Arts and Technology
Haileybury School of Mines Campus
Latchford St., P.O. Box 849
Haileybury, Ont.

Northern College of Applied Arts and Technology
Kirkland Lake Campus
140 Government Rd. E., P.O. Box 970
Kirkland Lake, Ont.

Northern College of Applied Arts and Technology
Porcupine Campus
Highway 101, P.O. Box 2002
South Porcupine, Ont.

Northern College of Applied Arts and Technology
Retraining and Apprenticeship Division
59 Third Ave.
Timmins, Ont.

St. Clair College of Applied Arts and Technology
2000 Talbot Rd. W.
Windsor 42, Ont. (519-966-1656)
President: Dr. R.C. Quittenton

St. Clair College of Applied Arts and Technology
Thames Campus
Richmond and Keil Sts.
Chatham, Ont.

St. Lawrence College of Applied Arts and Technology
(Main campus) P.O. Box 6000
Kingston, Ont. (613-544-5400)
President: Mr. W.W. Cruden

St. Lawrence College of Applied Arts and Technology
Brockville Campus
20 Parkdale Ave.
Brockville, Ont.

St. Lawrence College of Applied Arts and Technology
Cornwall Campus
Windmill Point
Cornwall, Ont.

St. Lawrence College of Applied Arts and Technology
Kingston Campus
Portsmouth Ave.
Kingston, Ont.

Sault College of Applied Arts and Technology
443 Northern Ave., P.O. Box 50
Sault Ste. Marie, Ont. (705-949-2050)
President: Mr. G.R. Lawson

Seneca College of Applied Arts and Technology
(Main campus) 1750 Finch Ave. W.
Willowdale, Ont. (416-491-5050)
President: Mr. W.T. Newnham

Seneca College of Applied Arts and Technology
King Campus
Dufferin St. N., R.R.3
King City, Ont.

Seneca College of Applied Arts and Technology
Sheppard Campus
43 Sheppard Ave. E.
Willowdale, Ont.

Sheridan College of Applied Arts and Technology
(Main campus) 1430 Trafalgar Rd.
Oakville, Ont. (416-362-5861)
President: Mr. J.M. Porter

Sheridan College of Applied Arts and Technology
Brampton Campus
98 Church St. E.
Brampton, Ont.

Sheridan College of Applied Arts and Technology
Malton Campus
2795 Slogh St.
Malton, Ont.

Sheridan College of Applied Arts and Technology
Milton Campus
R.R. 3
Milton, Ont.

Sheridan College of Applied Arts and Technology
Oakville Manpower Campus
216 Lakeshore Rd. E.
Oakville, Ont.

Sheridan College of Applied Arts and Technology
School of Design
1460 South Sheridan Way
Port Credit, Ont.

Sir Sandford Fleming College of Applied Arts and Technology
(Main campus) P.O. Box 653
Peterborough, Ont. (705-743-5610)
President: Mr. D.B. Sutherland

Sir Sandford Fleming College of Applied Arts and Technology
Cobourg Campus
D'Arcy St.
Cobourg, Ont.

Sir Sandford Fleming College of Applied Arts and Technology
Lindsay Campus
33 Russell St. E.
Lindsay, Ont.

Sir Sandford Fleming College of Applied Arts and Technology
Peterborough Campus
P.O. Box 653
Peterborough, Ont.

(Other community colleges/Autres collèges communautaires)

Centralia College of Agricultural Technology
Huron Park, Ont. (519-228-6601)
Principal: Mr. J.A. MacDonald

Kemptville College of Agricultural Technology
Kemptville, Ont. (613-258-3411)
Principal: Mr. F.A. Stinson

New Liskeard College of Agricultural Technology
New Liskeard, Ont. (705-647-6701)
Principal: Mr. John Butler

Niagara Parks Commission
School of Horticulture
Niagara Falls, Ont. (416-262-4217)
Superintendent: Mr. Burt Henning

Ontario College of Art
100 McCaul St.
Toronto, Ont. (416-366-4977)
President: Mr. Roy Ascott

Ridgetown College of Agricultural Technology
Ridgetown, Ont. (519-674-5456)
Principal: Mr. W.W. Snow

Royal Military College of Canada
Kingston, Ont. (613-545-7236)
Commandant: Brig.-Gen. W.K. Lye

Ryerson Polytechnical Institute
50 Gould St.
Toronto 2, Ont (416-595-5000)
President: Mr. Donald Mordell

QUÉBEC/QUEBEC

[Collèges d'enseignement général et professionnel (CEGEP)/Colleges of general and vocational education]

Champlain Regional College
(Main campus) 1257 Queen Blvd. N.
Sherbrooke, Que.
Director general: Mr. Frederick Turley

Champlain Regional College
Lennoxville Campus
Lennoxville, Que.

Champlain Regional College
St-Lambert Campus
St-Lambert, Que.

Champlain Regional College
St. Lawrence Campus
1145 DeQuen St.
Ste-Foy, Que.

Collège Ahuntsic
9155, rue Saint-Hubert
Montréal 353 (Qué.) (514-389-5921)
Directeur général: M. Roger Lafleur

Collège André-Laurendeau
405, Terrasse Newman
LaSalle 650 (Qué.) (514-363-1171)
Directeur général: M. Jean Frigon

(Ce collège ouvrira ses portes en septembre 1974 / This new college is scheduled to open in September 1974)

Collège de Bois-de-Boulogne
10555, av. de Boie-de-Boulogne
Montréal 355 (Qué.) (514-332-3000)
Directeur général: M. Léonce Beaupré

Collège de Hull
289, boul. Taché, C.P. 220
Hull, Gatineau (Qué.) (819-771-6231)
Directeur général: M. Gilles Meilleur

Collège de Joliette
20 sud, rue Saint-Charles, C.P. 130
Joliette (Qué.) (514-759-1661)
Directeur général: M. Jean-Louis Marchand

Collège de la Gaspésie
Rue Jacques-Cartier, C.P. 590
Gaspé, Gaspé-Sud, (Qué.) (418-368-2201)
Directeur général: M. Jude Hughes

Collège de la Pocatière
100, 4^e av. Painchaud
La Pocatière, Kamouraska (Qué.) (418-856-1525)
Directeur général: M. Camille Castonguay

Collège de Lévis-Lauzon
70, rue Philippe-Boucher
Lauzon, Lévis (Qué.) (418-837-0253)
Directeur général: M. J.-Maurice Proulx

Collège de Limoilou
801, 12^e rue, C.P. 1400
Québec 3^e (Qué.) (418-529-2531)
Secrétaire général: M. Raymond Asselin

Collège de Maisonneuve
3800 est, rue Sherbrooke
Montréal 406 (Qué.) (514-254-7131)
Directeur général: M. Roland Arpin

Collège de Matane
616, av. Saint-Rédempteur
Matane (Qué.) (418-562-1240)
Directeur général: M. Lucien Lelièvre

Collège de Rimouski
60 ouest, rue de l'Évêché
Rimouski (Qué.) (514-723-1880)
Directeur général: M. Fernand Dionne

Collège de Rivière-du-Loup
85, rue Saint-Anne
Rivière-du-Loup (Qué.) (418-862-6903)
Directeur général: M. Robert Diamant

Collège de Rosemont
6400, 16^e av.
Montréal 408 (Qué.) (514-376-1620)
Directeur général: M. Gordon Guillet

Collège de Rouyn-Noranda
425, rue Gagné, C.P. 1500
Rouyn (Qué.) (819-762-0931)
Directeur général: M. Jacques Roux

Collège de Sainte-Foy
2410, ch. Sainte-Foy
Sainte-Foy (Qué.) (418-688-0350)
Directeur général: M. Jaques Mercier

Collège de Saint-Jérôme
295, av. du Palais
Saint-Jérôme, Terrebonne (Qué.) (514-436-1580)
Directeur général: M. Fernand Paquette

Collège de Saint-Laurent
625, boul. Sainte-Croix
Montréal 379 (Qué.) (514-747-6521)
Directeur général: M. Jean-Marie Moreau

Collège de Shawinigan
655, av. de la Station, C.P. 610
Shawinigan, Saint-Maurice (Qué.) (819-537-9351)
Directeur général: M. Jean-Guy Farrier

Collège de Sherbrooke
(Siège social) 475, rue Parc
Sherbrooke (Qué.) (819-563-3150)
Directeur général: M. Robert Sabourin

Collège de Sherbrooke
Campus de Granby:
100 rue Dufferin, Granby (Qué.);
700 ouest, rue Denison, Granby (Qué.)

Collège de Thetford-Mines
671 sud, boul. Smith
Thetford Mines, Mégantic (Qué.) (418-338-8591)
Directeur général: M. Gérard Lemay

Collège de Trois-Rivières
3500, rue de Courval, C.P. 97
Trois-Rivières (Qué.) (819-378-9171)
Directeur général: M. Jean-Paul Morissette

Collège de Valleyfield
169, rue de Champlain, C.P. 308
Salaberry-de-Valleyfield (Qué.) (514-373-9441)
Directeur général: poste vacant

Collège de Victoriaville
475 est, rue Notre-Dame, C.P. 68
Victoriaville, Arthabaska (Qué.) (819-758-1571)
Directeur général: M. Roland Henry

Collège du Vieux-Montréal
200 ouest, rue Sherbrooke
C.P. 444, Station "N"
Montréal 129 (Qué.) (514-842-7161)
Directeur général: M. André Trudel

Collège Edouard-Montpetit
945, ch. de Chambly
Longueuil, Chambly (Qué.) (514-679-2630)
Directeur général: M. François Caron

Collège François-Xavier-Garneau
1660, boul. de l'Entente
Québec 6^e (Qué.) (418-681-6284)
Directeur général: M. Maurice Ruest

Collège Lionel-Groulx
Sainte-Thérèse-de-Blainville, Terrebonne (Qué.) (514-430-3120)
Directeur général: M. Charles Valois

Collège Montmorency
3719, boul. Lévesque
Chomedey, Laval (Qué.) (514-688-6671)
Directeur général: M. Denis Latour

Collège régional Bourchemin
(Siège social) 2775, rue Bourdages, C.P. 9000
Saint-Hyacinthe (Qué.) (514-773-6691)

Collège régional Bourchemin
Campus de Drummondville
415, rue des Écoles, C.P. 783
Drummondville (Qué.)

Collège régional Bourchemin
Campus Saint-Hyacinthe
2775, rue Bourdages, C.P. 9000
Saint-Hyacinthe (Qué.)

Collège régional Bourchemin
Campus Tracy
105, boul. des Étudiants
Tracy (Qué.)

Collège régional de la Côte-Nord
(Siège social) 275, boul. LaSalle
Baie-Comeau (Qué.) (418-296-2202)
Directeur général (par intérim): M. Armand Bélanger

Collège régional de la Côte-Nord
Campus Manicouagan
537, boul. Blanche
Hauterive (Qué.)

Collège régional de la Côte-Nord
Campus Mingan
25, rue De La Vérendrye
Sept-Iles (Qué.)

Collège régional du Saguenay-Lac Saint-Jean
(Siège social) 400, rue Mellon
Arvida (Qué.) (514-548-7191)
Directeur général: M. Paul-Arthur Fortin

Collège régional du Saguenay-Lac Saint-Jean
Campus d'Alma
480, rue Champagnat sud
Alma (Qué.)

Collège régional du Saguenay-Lac Saint-Jean
Campus de Chicoutimi
534 est, rue Jacques-Cartier, C.P. 1148,
Chicoutimi (Qué.)

Collège régional du Saguenay-Lac Saint-Jean
Campus de Jonquière
65, rue Saint-Hubert, C.P. 340
Jonquière (Qué.)

Collège régional du Saguenay-Lac Saint-Jean
Campus de Saint-Félicien
14, rue Leclerc
St-Félicien (Qué.)

Collège Saint-Jean-sur-Richelieu
30, boul. du Séminaire, C.P. 310
Saint-Jean (Qué.) (514-347-5301)
Directeur général: M. Jacques Laflamme

Dawson College
(Main campus) 35 Selby St.
Westmount 215, Que. (514-931-8731)
Director general: Mr. Paul Gallagher

Dawson College
Viger Campus
535 Viger St.
Montreal 132, Que.

John Abbott College
Sainte-Anne-de-Bellevue, Que. (514-453-1900)
Director general: Mr. Bruce McAusland

Vanier College
821 Sainte-Croix Blvd.
Montreal 379, Que. (514-333-3811)
Director general: Mr. Robert Little

Collèges privés/Private colleges

Académie Michèle-Provost Inc.
(Lycée français international mixte)
1517 ouest, av. des Pins
Montréal 109 (Qué.) (514-934-0596)
Directrice générale: Mme Michèle Provost

Campus Notre-Dame-de-Foy
5000, rue Saint-Félix
Cap-Rouge (Qué.) (418-656-6713)
Directeur général: M. Jean-Paul Desbiens, f.m.s.

Collège André-Grasset
1001 est, boul. Crémazie
Montréal 352 (Qué.) (514-381-4293)
Directeur général: M. Marcel Lagacé, p.s.s.

Collège de l'Assomption
270, boul. l'Ange-Gardien
L'Assomption (Qué.) (514-837-4734)
Recteur: M. Gilles Lapointe, ptr

Collège de Lévis
9, rue Mgr-Gosselin
Lévis (Qué.) (418-837-7772)
Recteur: M. Loïc Bernard, ptr

Collège de Saint-Damien
Saint-Damien, Bellechasse (Qué.) (418-789-2182)
Directrice générale: S. Marie-Marthe Dumont, n.d.p.s.

Collège Durocher
857, Riverside Drive
Saint-Lambert, Chambly (Qué.) (514-671-8162)
Directrice générale: S. Yolande Laberge, s.n.j.m.

Collège Français
185 ouest, rue Fairmount
Montréal 151 (Qué.) (514-272-0754)
Directeur général: M. Louis Portal

Collège Jean-de-Brébeuf
3200, ch. de la Côte Sainte-Catherine
Montréal 250 (Qué.) (514-342-1320)
Directeur général: P. Georges Legault, s.j.

Collège Jésus-Marie de Sillery
2047, ch. Saint-Louis
Sillery 6^e (Qué.) (418-527-4113)
Directrice générale: S. Éliane Pelletier, r.j.m.

Collège Lafleche
1687, boul. du Carmel
Trois-Rivières (Qué.) (819-375-7346)
Recteur: Mgr Albani Mélançon, p.d.

Collège Marguerite-d'Youville
2700, av. des Quatre-Bourgeois
Sainte-Foy 10^e (Qué.) (418-656-9313)
Directrice générale: S. Maria Lamontagne, s.c.q.

Collège Marie-Victorin
7000, rue Marie-Victorin
Montréal-Nord 462 (Qué.) (514-325-0150)
Directeur général: M. Hubert Boulanger, é.c.

Collège Mérici
755, ch. Saint-Louis
Québec 6^e (Qué.) (418-683-1591)
Directeur général: M. Jean-Marc Vaillancourt

Collège militaire royal de St-Jean
St-Jean (Qué.) (514-347-5381)
Commandant: Colonel J.-P. Cadieux

Collège Saint-Jean-Vianney
14800 est, boul. Gouin
Montréal 479 (Qué.) (514-665-3821)
Directeur général: P. Raymond Proulx, s.ss.a.

École de musique Vincent-D'Indy
200, chemin Bellingham
Outremont 153 (Qué.) (514-273-4271)
Directrice générale: S. Stella Plante, s.n.j.m.

École supérieure de musique de Nicolet
251, Saint-Jean Baptiste
Nicolet (Qué.) (819-293-4461)
Directrice générale: S. Jacqueline Fortin, a.s.v.

Institut Marguerite-Bourgeoys
4873, av. Westmount
Westmount 217 (Qué.) (514-486-4644)
Directrice générale: S. Hélène Thibodeau, c.n.d.

Institut Teccart Inc.
3155, rue Hochelaga
Montréal 402 (Qué.) (514-526-0493)
Directeur général: M. Jean Meunier

Marianopolis College
3647 Peel St.
Montreal, Que. (514-288-6166)
Principal: S. Mary MacCormack

Petit Séminaire de Québec, Le
1, rue de la Fabrique, C.P. 460
Québec 4^e (Qué.) (418-529-9931)
Directeur général: M. Marcel Drouin, ptr

Séminaire de Saint-Georges
Saint-Georges, Beauce (Qué.) (418-228-8896)
Supérieur-recteur: M. Denis Morin, ptr

Séminaire de Sherbrooke
195, rue Marquette, C.P. 790
Sherbrooke (Qué.) (819-563-2050)
Recteur: M. Georges Cloutier, ptr

Séminaire Saint-Augustin
Cap-Rouge (Qué.) (418-656-1644)
Directeur général: P. Claude Lavergne, c.ss.r.

NEWFOUNDLAND/TERRE-NEUVE

College of Fisheries, Navigation, Marine Engineering and Electronics

Parade St.

St. John's, Nfld. (709-726-5272)

President: Dr. R.C. Barrett

Newfoundland College of Trades and Technology

P.O. Box 1566, Prince Philip Dr.

St. John's, Nfld. (709-720-3870)

Principal: Mr. K.F. Duggan

PRINCE EDWARD ISLAND/ÎLE-DU-PRINCE-ÉDOUARD

Holland College

P.O. Box 878

Charlottetown, P.E.I. (902-892-4191)

President: Dr. D. Glenning

NEW BRUNSWICK/NOUVEAU-BRUNSWICK

Atlantic Baptist College

Moncton, N.B. (506-382-7550)

Principal: Mr. Stuart Murray

Collège de Bathurst

Rue du Collège

Bathurst (N.-B.) (506-546-9851)

Directeur des études: M. Arthur Chiasson

Collège Jésus-Marie

Shippagan (N.-B.) (506-336-2295)

Directrice: Soeur Ghislaine Côté, r.j.m.

Collège Saint-Joseph

Moncton (N.-B.) (506-855-2070)

Directeur des études: Maurice Chamard, c.s.c.

Collège Saint-Louis-Maillet

Edmunston (N.-B.) (506-735-6883)

Directeur des études: M. Jean-Guy Lachance

Maritime Forest Ranger School

Box 518

Fredericton, N.B. (506-454-4363)

Director: Dr. H.W. Blenis

New Brunswick Institute of Technology

1234 Mountain Rd., Box 1200

Moncton, N.B. (506-389-9121)

Principal: Mr. C.L. Low

Saint John Institute of Technology

P.O. Box 1225

Saint John, N.B. (506-696-1860)

Principal: Mr. L.R. Fulton

NOVA SCOTIA/NOUVELLE-ÉCOSSE

Collège Sainte-Anne, Le

Church Point, Comté de Digby (N.-E.) (902-769-2114)

Président: M. Louis Comeau

Nova Scotia Agricultural College

Truro, N.S. (902-895-1571)

Principal: Mr. W.A. Jenkins

Nova Scotia Eastern Institute of Technology

P.O. Box 5300

Sydney, N.S. (902-539-5300)

Principal: Mr. J.E. Perry

Nova Scotia Institute of Technology

Box 2210, 5685 Leeds St.

Halifax, N.S. (902-454-7451)

Principal: Mr. C.R. MacLean

Nova Scotia Land Survey Institute

Lawrencetown, N.S. (902-584-3351)

Principal: Mr. J.F. Doig

Nova Scotia Marine Navigation School

Box 2210

Halifax, N.S. (902-454-7451)

Principal: to be appointed

Statistics

Statistiques

SYMBOLS

The following are Statistics Canada symbols and apply to the tables which follow.

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.

SIGNES CONVENTIONNELS

Les signes conventionnels suivants sont des symboles employés par Statistiques Canada et s'appliquent aux tableaux qui suivent.

- .. nombres indisponibles.
- ... n'ayant pas lieu de figurer.
- néant ou zéro.

TABLE 1. Full-time Student Enrolment at Canadian Universities and Colleges, 1971-72

TABLEAU 1. Étudiants à plein temps inscrits aux universités et collèges du Canada, 1971-72

Institution	Non-university level courses Cours du niveau non universitaire		Interns and residents Internat en médecine		Undergraduates 1er cycle		Graduates 2e et 3e cycles		Total	
	Total	Female Femmes	Total	Female Femmes	Total	Female Femmes	Total	Female Femmes	Total	Female Femmes
Acadia University	—	—	—	—	2,303	1,020	95	20	2,398	1,040
Alberta, The University of	—	—	—	—	15,890	6,372	2,353	479	18,243	6,851
Canadian Union College	—	—	—	—	82	24	—	—	82	24
St. Stephen's College	—	—	—	—	2	—	—	—	2	—
Atlantic Institute of Education	—	—	—	—	13	1	1	—	14	1
Bishop's University	—	—	—	—	516	180	10	3	526	183
Brandon University	—	—	—	—	1,220	557	—	—	1,220	557
Brescia College	—	—	—	—	277	277	—	—	277	277
British Columbia, The University of	—	—	—	—	16,185	6,457	2,808	752	18,993	7,209
Vancouver School of Theology	—	—	—	—	35	4	—	—	35	4
Brock University	—	—	—	—	2,336	906	34	4	2,370	910
Calgary, The University of	—	—	—	—	8,344	3,152	829	193	9,173	3,345
Carleton University	—	—	—	—	7,743	3,014	711	172	8,454	3,186
Dalhousie University	—	—	—	—	5,150	1,879	953	272	6,103	2,151
Dominicain de philosophie et de théologie, Collège	—	—	—	—	180	77	63	4	243	81
Atlantic School of Theology	—	—	—	—	52	4	3	—	55	4
Guelph, University of	248	10	—	—	6,535	2,710	527	80	7,310	2,800
Huron College	—	—	—	—	525	218	—	—	525	218
Jean-de-Brébeuf, Collège	..	..	..	..	..	..	..	..	..	..
King's College, University of (Halifax, N.S.)	—	—	—	—	251	119	—	—	251	119
King's College (London, Ont.)	—	—	—	—	814	333	—	—	814	333
Lakehead University	—	—	—	—	2,776	998	94	12	2,870	1,010
Laurentian University of Sudbury — Laurentienne de Sudbury, Université	—	—	—	—	2,042	757	20	1	2,062	758
Algoma College	—	—	—	—	329	154	—	—	329	154
Hearst, Collège de	—	—	—	—	38	21	—	—	38	21
Nipissing College	—	—	—	—	84	43	—	—	84	43
Laval, Université	—	—	—	—	8,795	2,766	954	152	9,749	2,918
Lethbridge, The University of	—	—	—	—	1,218	501	—	—	1,218	501
Loyola College	1,990	613	—	—	2,075	701	—	—	4,065	1,314
Manitoba, The University of	193	2	—	—	11,992	4,763	1,405	282	13,590	5,047
St. Andrew's College	—	—	—	—	15	—	—	—	15	—
Marianopolis College	..	..	..	..	..	..	..	..	..	..
McGill University	3,725	1,605	559	81	7,717	3,147	2,685	890	14,686	5,723
Montreal Diocesan Theological College, The	—	—	—	—	2	—	—	—	2	—
Presbyterian College of Montreal, The	—	—	—	—	4	—	—	—	4	—
United Theological College of Montreal, The	—	—	—	—	3	—	—	—	3	—
McMaster University	—	—	—	—	7,023	2,793	1,405	205	8,428	2,998
Memorial University of Newfoundland	—	—	—	—	6,725	2,560	352	88	7,077	2,648
Moncton, Université de	—	—	—	—	3,191	1,423	146	43	3,337	1,466
Montréal, Université de	—	—	73	11	12,007	4,230	2,601	635	14,681	4,876
Mount Allison University	—	—	—	—	1,337	554	1	—	1,338	554
Mount Saint Vincent University	—	—	—	—	998	963	—	—	998	963
New Brunswick, University of	—	—	—	—	4,678	1,501	504	116	5,182	1,617
St. Thomas University	—	—	—	—	1,095	422	—	—	1,095	422
Notre Dame University of Nelson	—	—	—	—	510	188	—	—	510	188
Nova Scotia Agricultural College	..	..	..	..	..	..	..	..	..	..
Nova Scotia College of Art and Design	—	—	—	—	342	166	—	—	342	166
Nova Scotia Technical College	—	—	—	—	433	3	57	4	490	7
Ontario Institute for Studies in Education ¹	—	—	—	—	—	—	—	—	—	—
Ottawa, Université d'—Ottawa, University of	—	—	268	56	6,857	2,667	1,305	345	8,430	3,068
Notre Dame of Canada College	—	—	—	—	57	14	—	—	57	14
St. Charles Scholasticate	—	—	—	—	14	—	—	—	14	—
Prince Edward Island, University of	—	—	—	—	1,771	781	—	—	1,771	781

¹ Statistics are included with the University of Toronto. — Les statistiques sont incluses dans celles de l'University of Toronto.

Source: Statistics Canada. — Statistiques Canada.

TABLE 1. Full-time Student Enrolment at Canadian Universities and Colleges, 1971-72 - Concluded

TABLEAU 1. Étudiants à plein temps inscrits aux universités et collèges du Canada, 1971-72 - fin

Institution	Non-university level courses Cours du niveau non universitaire		Interns and residents Internat en médecine		Undergraduates 1er cycle		Graduates 2e et 3e cycles		Total	
	Total	Female Femmes	Total	Female Femmes	Total	Female Femmes	Total	Female Femmes	Total	Female Femmes
Québec, Université du										
à Chicoutimi	—	—	—	—	1,102	266	1	—	1,103	266
à Montréal	—	—	—	—	4,311	1,919	101	..	4,412	1,919
à Trois-Rivières	1	—	—	—	1,772	497	78	..	1,851	497
Centre d'études universitaires de Rimouski	—	—	—	—	467	204	—	—	467	204
Direction des études universitaires du Québec dans l'Outaouais	—	—	—	—	2	2	—	—	2	2
École nationale d'administration publique, L'	—	—	—	—	—	—	51	..	51	..
Institut national de la recherche scientifique, L'	—	—	—	—	—	—	28	..	28	..
Service universitaire dans le nord-ouest québécois	—	—	—	—	148	67	18	2	166	69
Queen's University at Kingston	—	—	171	29	7,493	2,928	997	163	8,661	3,120
Royal Military College of Canada	—	—	—	—	493	—	17	—	510	—
Royal Roads Military College	—	—	—	—	206	—	—	—	206	—
Ryerson Polytechnical Institute	6,914	2,091	—	—	156	98	—	—	7,070	2,189
Sainte-Anne, Le Collège	67	21	—	—	65	28	—	—	132	49
St. Francis Xavier University	—	—	—	—	2,940	1,321	20	6	2,960	1,327
St. Jerome's College, The University of	..	..	..	..	..	..	..	..	..	..
St. John's College	..	..	..	..	..	..	..	..	..	..
Saint Mary's University	—	—	—	—	2,531	610	17	5	2,548	615
Regis College	—	—	—	—	80	—	15	—	95	—
St. Michael's College, University of	—	—	—	—	—	—	144	25	144	25
Saint-Paul, Université - Saint Paul University	—	—	—	—	259	98	136	16	395	114
St. Paul's College	..	..	..	..	..	..	..	..	..	..
St. Thomas More College	—	—	—	—	749	331	—	—	749	331
Saskatchewan, University of (Regina Campus)	84	20	—	—	3,065	1,192	133	14	3,282	1,226
Campion College	—	—	—	—	427	165	—	—	427	165
Luther College	—	—	—	—	30	12	—	—	30	12
Saskatchewan, University of (Saskatoon Campus)	—	—	—	—	9,373	3,615	571	82	9,944	3,697
Emmanuel and St. Chad, College of	—	—	—	—	22	1	—	—	22	1
Lutheran Theological Seminary	—	—	—	—	4	—	39	—	43	—
St. Andrew's College	—	—	—	—	14	—	1	—	15	—
Sherbrooke, Université de	—	—	69	8	3,544	943	915	131	4,528	1,082
Militaire royal de Saint-Jean, Collège	—	—	—	—	401	—	—	—	401	—
Simon Fraser University	—	—	—	—	3,364	1,364	759	117	4,123	1,481
Sir George Williams University	2,707	913	—	—	3,189	1,008	198	58	6,094	1,979
Toronto, University of	—	—	1,038	169	21,244	8,473	4,879	1,509	27,161	10,151
Knox College	—	—	—	—	51	3	9	—	60	3
Wycliffe College	—	—	—	—	12	1	32	—	44	1
Trent University	—	—	—	—	1,764	815	12	—	1,776	815
Trinity College, University of	2	—	—	—	32	1	4	—	38	1
Victoria, University of (Vancouver, B.C.)	—	—	—	—	4,623	1,976	177	40	4,800	2,016
Victoria University (Toronto, Ont.)	—	—	—	—	5	—	68	14	73	14
Waterloo, University of	—	—	—	—	11,115	2,915	1,169	160	12,284	3,075
Waterloo Lutheran University	—	—	—	—	2,574	890	218	80	2,792	970
Western Ontario, The University of	—	—	228	28	10,949	4,240	1,611	342	12,788	4,610
Althouse College of Education	—	—	—	—	759	321	—	—	759	321
Windsor, University of	—	—	—	—	5,351	1,829	487	85	5,838	1,914
Winnipeg, The University of	—	—	—	—	2,375	904	3	—	2,378	904
Mennonite Brethren College of Arts	—	—	—	—	59	29	—	—	59	29
York University	318	145	—	—	10,076	3,973	946	174	11,340	4,292
Other institutions - Autres institutions	—	—	—	—	795	361	29	3	824	364
Total 1971-72	16,247	5,420	2,406	382	270,572	102,820	33,799	7,778	323,026	116,400
Total										
1970-71	5,974	1,706	...	...	277,807	102,455	33,175	7,407	316,956	111,568
1969-70	1,439	278	...	...	263,013	95,171	30,231	6,207	294,683	101,656
1961-62	...	...	...	...	121,547	31,919	7,347	1,205	128,894	33,124
1951-52	...	...	...	...	59,849	13,247	4,316	677	64,165	13,924

TABLE 2. Part-time Student Enrolment at Canadian Universities and Colleges, 1971-72

TABLEAU 2. Étudiants à temps partiel inscrits aux universités et collèges du Canada, 1971-72

Institution	Non-university level diplomas and CEGEP equivalent — Inscriptions en vue d'un diplôme de niveau non universitaire et équivalent du C.É.G.E.P.		Undergraduate degrees, diplomas and certificates — Grades, diplômes et certificats du 1er cycle		Graduate degrees, diplomas and certificates — Grades, diplômes et certificats des 2e et 3e cycles		Total	
	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes
	Acadia University	—	—	226	123	3	2	229	125
Alberta, The University of	—	—	2,993	1,885	918	237	3,911	2,122
Canadian Union College	—	—	4	4	—	—	4	4
St. Stephen's College	—	—	11	—	—	—	11	—
Atlantic Institute of Education	..	..	..	..	..	..	..	..
Atlantic School of Theology	..	..	..	..	..	..	..	..
Bishop's University	—	—	94	59	25	7	119	66
Brandon University	—	—	1,193	723	—	—	1,193	723
Brescia College	—	—	6	5	—	—	6	5
British Columbia, The University of	—	—	1,920	1,199	285	100	2,205	1,299
Vancouver School of Theology	—	—	5	1	2	—	7	1
Brock University	—	—	1,216	657	132	39	1,348	696
Calgary, The University of	—	—	2,615	1,522	515	143	3,130	1,665
Carleton University	—	—	5,186	2,234	440	84	5,626	2,318
Dalhousie University	—	—	675	348	254	65	929	413
Dominicain de philosophie et de théologie, Collège	—	—	38	26	—	—	38	26
Guelph, University of	—	—	322	166	111	16	433	182
Huron College	—	—	9	3	—	—	9	3
Jean-de-Brébeuf, Collège	..	..	..	..	..	..	..	..
King's College, University of (Halifax, N.S.)	—	—	14	5	2	—	16	5
King's College (London, Ont.)	—	—	77	50	—	—	77	50
Lakehead University	—	—	1,320	722	58	8	1,378	730
Laurentian University of Sudbury — Laurentienne de Sudbury, Université	—	—	2,286	1,178	12	1	2,298	1,179
Algoma College	—	—	850	509	—	—	850	509
Hearst, Collège de	—	—	276	196	—	—	276	196
Nipissing College	—	—	498	260	—	—	498	260
Laval, Université	202	93	2,571	1,250	1,500	317	4,273	1,660
Lethbridge, The University of	—	—	444	316	—	—	444	316
Loyola College	3,040	1,185	1,796	629	—	—	4,836	1,814
Manitoba, The University of	—	—	4,430	2,460	863	161	5,293	2,621
St. Andrew's College	—	—	—	—	—	—	—	—
McGill University	9	7	7,680	2,450	542	210	8,231	2,667
McMaster University	—	—	3,027	1,587	536	60	3,563	1,647
Memorial University of Newfoundland	—	—	3,439	2,004	269	43	3,708	2,047
Moncton, Université de	—	—	2,725	1,689	75	11	2,800	1,700
Montréal, Université de	—	—	12,495	3,183	2,714	883	15,209	4,066
Mount Allison University	—	—	41	23	1	1	42	24
Mount Saint Vincent University	—	—	250	222	31	14	281	236
New Brunswick, University of	—	—	1,693	965	17	3	1,710	968
St. Thomas University	—	—	116	77	—	—	116	77
Notre Dame University of Nelson	—	—	50	22	—	—	50	22
Nova Scotia Agricultural College	..	..	..	..	..	..	..	..
Nova Scotia College of Art and Design	—	—	30	23	—	—	30	23
Nova Scotia Technical College	—	—	—	—	42	1	42	1
Ontario Institute for Studies in Education ¹	—	—	—	—	—	—	—	—
Ottawa, Université d'— Ottawa, University of	—	—	3,602	2,116	1,552	363	5,154	2,479
Prince Edward Island, University of	—	—	1,197	838	—	—	1,197	838

¹ Statistics are included with the University of Toronto. — Les statistiques sont incluses dans celles de l'University of Toronto.

Source: Statistics Canada. — Statistique Canada.

TABLE 2. Part-time Student Enrolment at Canadian Universities and Colleges, 1971-72 - Concluded

TABLEAU 2. Étudiants à temps partiel inscrits aux universités et collèges du Canada, 1971-72 - fin

Institution	Non-university level diplomas and CEGEP equivalent — Inscriptions en vue d'un diplôme de niveau non universitaire et équivalent du C.É.G.E.P.		Undergraduate degrees, diplomas and certificates — Grades, diplômes et certificats du 1er cycle		Graduate degrees, diplomas and certificates — Grades, diplômes et certificats des 2e et 3e cycles		Total	
	Total	Female Femmes	Total	Female Femmes	Total	Female Femmes	Total	Female Femmes
Québec, Université du								
à Chicoutimi	187	53	1,476	839	27	..	1,690	892
à Montréal	—	—	6,020	3,263	3	1	6,023	3,264
à Trois-Rivières	41	10	3,189	1,548	34	..	3,264	1,558
Centre d'études universitaires de Rimouski	34	4	1,462	182	—	—	1,496	186
Direction des études universitaires du Québec dans l'Outaouais	—	—	351	245	—	—	351	245
Institut national de la recherche scientifique, L' Service universitaire dans le nord-ouest québécois	4	..	736	..	4	..	740	..
Queen's University at Kingston	—	—	2,175	1,116	400	59	2,575	1,175
Royal Military College of Canada	—	—	36	—	18	—	54	—
Royal Roads Military College	—	—	40	—	—	—	40	—
Ryerson Polytechnical Institute	255	54	11	4	—	—	266	58
Sainte-Anne, Le Collège	—	—	64	46	—	—	64	46
St. Francis Xavier University	—	—	932	600	—	—	932	600
St. Jerome's College, The University of	..	..	..	..	..	..	..	..
St. John's College	..	..	..	..	..	..	..	..
Saint Mary's University	—	—	799	312	12	2	811	314
Regis College	—	—	—	—	2	—	2	—
St. Michael's College, University of	—	—	—	—	23	11	23	11
Saint-Paul, Université - Saint Paul University	—	—	45	20	99	10	144	30
St. Paul's College	..	..	..	..	..	..	..	..
St. Thomas More College	—	—	36	24	—	—	36	24
Saskatchewan, University of (Regina Campus)	427	66	859	464	165	45	1,451	575
Campion College	—	—	26	17	—	—	26	17
Saskatchewan, University of (Saskatoon Campus)	1	—	1,821	1,009	297	86	2,119	1,095
Emmanuel and St. Chad, College of	—	—	4	—	—	—	4	—
Lutheran Theological Seminary	—	—	12	1	18	—	30	1
St. Andrew's College	—	—	3	1	—	—	3	1
Sherbrooke, Université de	814	151	2,795	1,447	216	32	3,825	1,630
Militaire royal de Saint-Jean, Collège	—	—	136	—	—	—	136	—
Simon Fraser University	—	—	656	275	15	5	671	280
Sir George Williams University	932	253	9,352	4,085	836	204	11,120	4,542
Toronto, University of	—	—	8,769	5,085	2,785	744	11,554	5,829
Knox College	—	—	3	1	19	1	22	2
Wycliffe College	—	—	—	—	14	—	14	—
Trent University	—	—	631	320	—	—	631	320
Trinity College, University of	—	—	4	—	4	—	8	—
Victoria, University of (Vancouver, B.C.)	—	—	827	504	119	31	946	535
Victoria University (Toronto, Ont.)	—	—	—	—	26	3	26	3
Waterloo, University of	—	—	1,529	584	397	63	1,926	647
Waterloo Lutheran University	—	—	3,562	1,554	63	6	3,625	1,560
Western Ontario, The University of	—	—	3,417	1,932	386	125	3,803	2,057
Althouse College of Education	—	—	1	1	65	8	66	9
Windsor, University of	—	—	2,939	1,540	186	46	3,125	1,586
Winnipeg, The University of	—	—	2,008	1,065	9	—	2,017	1,065
York University	—	—	7,076	3,058	865	81	7,941	3,139
Other institutions - Autres institutions	—	—	190	95	11	4	201	99
Total 1971-72	5,946¹	1,876¹	131,412	62,966	18,017	4,336	155,375¹	69,178¹
Total								
1970-71	57,810 ²	18,999 ²	88,159	40,589	14,370	3,336	160,339 ²	62,974 ²
1969-72	33,828 ²	11,337 ²	77,719	36,842	13,719	3,265	125,266	51,444

¹ Excludes university transfer and CEGEP equivalent students, and students not preparing degrees - Ne comprend pas les transferts, ni les CEGEP équivalents, ni les étudiants qui ne préparent pas un grade.

² Includes university transfer and CEGEP equivalent students, and students not preparing degrees. - Comprend les transferts et les CEGEP équivalents, et les étudiants qui ne préparent pas un grade.

TABLE 3 A. Full-time Undergraduate Students, by Country of Citizenship and Province of Study, 1971 - 72

No.	Province of study — Province d'études	Newfoundland — Terre-Neuve		Prince Edward Island — Île-du-Prince-Édouard		Nova Scotia — Nouvelle-Écosse		New Brunswick — Nouveau-Brunswick		
		Country of citizenship — Citoyenneté	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes
	Home province of Canadians — Province d'origine des canadiens									
1	Newfoundland — Terre-Neuve		6,391	2,447	11	6	456	150	97	31
2	Prince Edward Island — Île-du-Prince-Édouard		3	1	1,426	692	386	192	195	83
3	Nova Scotia — Nouvelle-Écosse		16	5	48	14	11,376	4,724	573	202
4	New Brunswick — Nouveau-Brunswick		8	5	69	25	1,177	505	7,817	3,117
5	Québec		21	4	84	21	419	157	1,068	313
6	Ontario		62	19	40	6	551	146	244	79
7	Manitoba		3	—	2	—	12	2	10	4
8	Saskatchewan		3	1	—	—	10	5	7	1
9	Alberta		3	1	1	—	40	19	11	4
10	British Columbia — Colombie-Britannique		3	1	—	—	43	11	17	5
11	Yukon		—	—	—	—	2	1	—	—
12	Northwest Territories — Territoires du Nord-Ouest		1	1	—	—	7	5	2	1
13	Province of residence unknown — Province de rési- dences inconnue		—	—	—	—	—	—	—	—
14	Undistributed female — Femmes non répartise		..	..	..	..	..	..	..	..
15	Canadians — Total — Canadiens		6,514	2,485	1,681	764	14,479	5,917	10,041	3,840
	Other countries — Autres pays									
16	Africa — Afrique		3	1	2	—	51	15	3	—
17	Europe		6	5	—	—	63	25	20	7
18	Asia — Asie		13	5	35	5	127	37	7	4
19	Middle East — Moyen-Orient		1	—	2	—	4	1	3	—
20	America (North) — Amérique (Nord)		20	8	47	11	361	82	57	23
21	Caribbean — Caraïbes		6	1	2	—	64	24	7	3
22	Latin America — Amérique (Latine)		—	—	2	1	20	5	4	1
23	Oceania — Océanie		—	—	—	—	7	4	—	—
24	Canadians — Total — Canadiens		6,514	2,485	1,681	764	14,479	5,917	10,041	3,840
25	Non-Canadians — Total — Non-Canadiens		49	20	90	17	697	193	101	38
26	Unclassified — Non classés		162	55	—	—	78	21	159	22
27	Total 1971 - 72		6,725	2,560	1,771	781	15,254	6,131	10,301	3,900
28	1970 - 71		6,045	2,216	1,755	737	14,407	5,713	9,966	3,671

¹ Excludes 1,059 HEC and 1,615 Polytechnique enrolments.

Source: Statistics Canada.

TABLEAU 3 A. Étudiants à plein temps du 1er cycle, selon la citoyenneté et la province d'études, 1971/72

Québec		Ontario		Manitoba		Saskatchewan		Alberta		British Columbia — Colombie-Britannique		Total Canada		N ^o
Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	
26	11	69	5	4	1	2	2	5	1	4	1	7,065	2,655	1
20	6	30	2	5	2	1	—	14	4	1	—	2,081	982	2
71	26	251	20	21	10	8	4	33	21	15	—	12,412	5,026	3
137	43	197	22	13	5	3	1	11	2	13	6	9,445	3,731	4
35,161	12,984	4,840	148	39	19	13	4	45	13	56	22	41,746	13,685	5
622	267	83,497	10,068	475	223	109	24	250	102	287	83	86,137	11,017	6
38	7	285	31	13,718	5,434	135	44	92	49	78	17	14,373	5,588	7
31	17	238	16	166	78	12,867	5,070	518	246	133	29	13,973	5,463	8
46	29	425	28	321	171	246	86	22,635	9,032	282	76	24,010	9,446	9
81	27	255	21	92	48	144	43	388	131	14,041	5,720	15,064	6,007	10
4	1	4	..	11	3	6	1	6	1	34	14	67	21	11
—	—	13	1	1	—	2	—	88	37	19	5	133	50	12
8,440	3,273	9,973	740	4	3	—	—	—	—	2,648	1,384	21,065	5,400	13
..	..	..	24,794	..	..	..	..	..	..	..	..	..	24,794	14
44,677	16,691	100,077	35,896	14,870	5,997	13,536	5,279	24,085	9,639	17,611	7,357	247,571	93,865	15
298	55	300	41	28	3	10	2	82	9	85	12	862	138	16
1,350	464	4,369	1,336	257	79	154	51	358	131	803	223	7,380	2,321	17
501	110	1,540	300	430	109	141	37	619	113	820	262	4,233	982	18
344	69	235	48	17	5	10	3	20	—	21	7	657	133	19
877	335	1,381	545	106	32	97	51	235	113	433	107	3,614	1,307	20
406	107	681	226	184	52	24	6	78	27	43	11	1,495	457	21
158	47	294	85	27	3	12	1	31	10	44	13	592	166	22
12	6	90	35	7	2	8	5	28	7	73	19	225	78	23
44,677	16,691	100,077	35,896	14,870	5,997	13,536	5,279	24,085	9,639	17,611	7,357	247,571	93,865	24
3,946	1,193	8,890	2,616	1,056	285	456	156	1,451	410	2,322	654	19,058	5,582	25
3,249	994	8,844	3,256	17	5	45	19	51	18	5,095	2,012	17,700	6,402	26
51,872 ¹	18,878	117,811	41,768	15,943	6,287	14,037	5,454	25,587	10,067	25,028	10,023	284,329	105,849	27
53,832	17,848	103,444	37,278	15,235	5,914	13,790	5,480	25,233	10,072	26,631	10,724	270,338	99,653	28

¹ Exclut 1,059 étudiants aux H.E.C. et 1,615 en polytechnique.
Source: Statistique Canada.

TABLE 3 B. Full-time Graduate Students by Country of Citizenship and Province of Study, 1971-72

No.	Country of citizenship — Citoyenneté	Province of study — Province d'études	Newfoundland — Terre-Neuve		Nova Scotia — Nouvelle-Écosse		New Brunswick — Nouveau-Brunswick	
			Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes
	Home province of Canadians — Province d'origine des Canadiens							
1	Newfoundland — Terre-Neuve		213	58	18	6	7	1
2	Prince Edward Island — Ile-du-Prince-Edouard		1	—	24	7	13	2
3	Nova Scotia — Nouvelle-Ecosse		4	—	489	170	113	40
4	New Brunswick — Nouveau-Brunswick		1	1	51	14	280	72
5	Québec		8	3	36	11	35	7
6	Ontario		18	2	76	18	23	5
7	Manitoba		1	—	10	3	2	1
8	Saskatchewan		2	—	12	6	1	—
9	Alberta		1	—	10	1	9	2
10	British Columbia — Colombie-Britannique		3	1	19	1	3	—
11	Yukon		1	1	—	—	—	—
12	Northwest Territories — Territoires du Nord-Ouest		1	—	3	2	—	—
13	Unclassified — Non classés		—	—	—	—	—	—
14	Undistributed — Non repartis							
15	Female — Femmes							
16	Canadians — Total — Canadiens		254	66	748	239	486	130
	Other countries — Autres pays							
17	Africa (excluding UAR (Egypt) — Afrique (excluant la R.A.U. (Egypte))		2	—	12	—	1	—
18	Europe		14	2	29	5		
19	Asia (excluding Middle East) — Asie (excluant le Moyen-Orient)		22	1	99	17	2	—
20	Middle East — Moyen-Orient		1	1	3	—		
21	America (North) — Amérique (Nord)		19	3	66	22		
22	Caribbean — Caraïbes		1	—	6	5		
23	Latin America — Amérique (Latine)		1	1	2	1	1	—
24	Oceania — Océanie		—	—	4	1		
25	Canadians — Total — Canadiens		254	66	748	239	486	130
26	Non-Canadians — Total — Non Canadiens		60	8	221	51	4	—
27	Unknown — Pas d'information		38	14	177	17	161	29
28	Total 1971-72		352	88	1,146	307	651	159
29	1970-71		333	81	1,132	280	594	111

¹ In reporting to Statistics Canada, some Ontario universities have not provided a breakdown of out-of-province students by sex. For example, of the 43 students from Newfoundland attending Ontario universities, 17 were males, 3 were females and 23 have not been broken down by sex. As well, the 4,979 out-of-province students attending Ontario universities, (3,927 males and 1,062 females) were undistributed as to home province.

Source: Statistics Canada.

TABLEAU 3B. Étudiants à plein temps des 2e et 3e cycles, selon la citoyenneté et la province d'études, 1971-72

Québec		Ontario ¹		Manitoba		Saskatchewan		Alberta		British Columbia — Colombie-Britannique		Total Canada		N°
Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	
7	4	43	3	2	—	1	—	7	3	11	—	309	75	1
3	1	27	2	2	2	1	—	8	4	1	—	80	18	2
11	3	121	10	5	1	4	—	24	9	18	4	789	237	3
29	11	115	7	4	3	1	1	15	5	9	4	505	118	4
4,840	1,264	930	68	18	4	11	3	46	12	82	14	6,006	1,386	5
144	41	6,466	943	87	15	27	2	101	29	199	46	7,141	1,101	6
15	4	160	17	759	162	12	—	42	9	47	7	1,048	203	7
10	3	112	10	30	10	424	60	40	7	35	9	666	105	8
15	2	162	13	26	3	20	1	2,025	465	101	22	2,369	510	9
14	4	228	26	22	1	22	3	54	15	1,327	430	1,692	481	10
—	—	3	—	—	—	—	—	1	—	3	1	8	2	11
1	—	—	—	—	—	1	—	7	—	—	—	13	2	12
101	—	971	161	—	—	—	—	—	—	531	101	1,603	262	13
		(3,927)										(3,927) ¹	...	14
			1,062									...	1,062	15
5,190	1,337	9,338 ¹	2,323	955	201	524	70	2,370	558	2,364	638	22,229	5,562	16
154	12	243	26	22	2	13	2	46	—	42	6	535	48	17
781	207	1,422	303	75	18	51	6	100	15	464	85	2,936	641	18
329	53	1,206	166	218	35	116	9	197	28	267	36	2,456	345	19
251	34	193	30	30	2	13	8	36	5	33	7	560	87	20
311	109	1,257	356	69	18	38	4	109	18	451	112	2,320	642	21
80	15	167	39	22	2	3	—	8	4	29	5	316	70	22
57	15	148	23	6	3	—	—	9	1	21	8	245	52	23
35	4	178	39	11	1	2	—	34	2	68	12	332	59	24
5,190	1,337	9,338	2,323	955	201	524	70	2,370	558	2,364	638	22,229	5,562	25
1,998	449	4,814	982	453	81	236	29	539	73	1,375	271	9,700	1,944	26
1,011	174	1,019	142	—	—	9	—	273	41	9	—	2,697	417	27
8,199	1,960	15,171	3,447	1,408	282	769	99	3,182	672	3,748	909	34,626	7,923	28
7,278	1,857	1,481	3,153	1,413	289	745	112	3,210	676	3,656	848	33,172	7,407	29

¹ Les chiffres que certaines universités de l'Ontario ont remis à Statistique Canada ne répartissent pas selon le sexe, les étudiants domiciliés à l'extérieur de la province. Par exemple, des 43 étudiants de Terre-Neuve qui fréquentaient les universités de l'Ontario, 17 étaient de sexe masculin, 3 de sexe féminin et 23 n'ont pas été répartis selon le sexe. De même, les 4,979 étudiants domiciliés à l'extérieur de la province qui fréquentaient les universités de l'Ontario, (3,927 de sexe masculin et 1,062 de sexe féminin), n'ont pas été répartis selon leur province de domicile.

Source: Statistique Canada.

TABLE 4. Full-time University Teaching Staff in Canadian Universities and Colleges, including Median Salary of Teachers, 1971-72

TABLEAU 4. Professeurs à plein temps dans les universités et collèges du Canada, comprenant le traitement médian des professeurs, 1971-72

Institution	Academic rank - Rang universitaire							Total
	Ungraded numbers - Non classés	Lecturers and instructors - Conférenciers et instructeurs	Assistant professors - Professeurs adjoints	Associate professors - Professeurs agrégés	Full professors - Professeurs titulaires	Full professors and department heads - Professeurs titulaires et directeurs de départements	Deans - Doyens	
Acadia University	-	47	49	23	11	13	8	151
Acadia Divinity College	-	-	1	1	4	-	1	7
Alberta, The University of	3	127	439	441	243	54	15	1,322
Canadian Union College	..	..	..	..	..	..	..	..
St. Stephen's College	-	-	1	1	-	-	2	4
Bishop's University	-	14	37	13	7	8	3	82
Brandon University	2	36	49	23	5	6	7	128
Brescia College	-	6	5	1	-	2	1	15
British Columbia, The University of	-	145	650	421	352	51	19	1,638
Vancouver School of Theology, The	-	-	-	3	8	-	2	13
Brock University	13	20	81	29	17	12	3	175
Calgary, The University of	69	20	262	286	106	37	11	791
Carleton University	-	15	214	190	79	19	13	530
Christ the King, Seminary of	..	..	..	..	..	..	..	..
Dalhousie University	-	74	215	135	96	25	6	551
Dominicain de philosophie et de théologie, Collège	-	2	11	13	3	-	3	32
Guelph, University of	1	83	268	187	107	35	7	688
Huron College	-	8	8	5	2	1	3	27
Jean-de-Brébeuf, Collège	-	-	-	-	-	-	-	-
King's College, University of (Halifax, N.S.)	-	-	3	3	2	-	1	9
King's College (London, Ont.)	-	7	13	4	2	2	1	29
Lakehead University	-	56	85	50	11	12	5	219
Laurentian University of Sudbury - Laurentienne de	-	38	101	43	9	5	10	206
Sudbury, Université	-	5	20	6	-	-	-	31
Algoma College	-	8	-	-	-	-	1	9
Hearst, Collège de	-	4	9	3	-	-	-	16
Nipissing College	-	-	-	-	-	-	-	-
Laval, Université	18	134	440	265	180	64	11	1,112
Lethbridge, The University of	-	2	64	35	7	9	5	122
Loyola College	-	62	82	51	14	1	6	216
Manitoba, The University of	3	127	419	302	107	63	49	1,070
Canadian Mennonite Bible College	..	..	..	..	..	..	..	..
St. Andrew's College	..	..	..	..	..	..	..	..
Saint Boniface, Collège	..	..	..	..	..	..	..	..
Marianopolis College	..	..	..	..	..	..	..	..
McGill University	-	93	365	392	174	56	8	1,088
Montreal Diocesan Theological College, The	-	1	-	-	-	-	1	2
Presbyterian College of Montreal, The	1	-	-	-	1	-	-	2
United Theological College of Montreal, The	-	-	-	-	1	-	-	1
McMaster University	-	69	228	177	124	34	10	642
McMaster Divinity College	-	2	-	1	4	-	-	7
Memorial University of Newfoundland	10	120	257	106	36	33	12	574
Moncton, Université de	-	52	95	33	8	-	7	195
Bathurst, Collège de	-	8	12	5	2	-	-	27
Jésus-Marie, Collège	-	6	2	-	-	-	1	9
Maillet, Collège	-	4	2	3	-	-	1	10
Saint-Louis, Collège	-	35	-	-	-	-	2	37
Montréal, Université de	93	130	356	291	124	51	16	1,061
Hautes études commerciales, École des,	11	8	26	11	11	4	-	71
Polytechnique, École	3	10	60	59	35	7	-	174
Mount Allison University	-	24	40	19	6	15	1	105
Mount Saint Vincent University	1	20	21	14	2	1	1	60
New Brunswick, University of	-	63	156	95	47	19	9	389
St. Thomas University	-	15	33	6	2	5	-	61
Notre Dame University of Nelson	-	8	11	12	2	1	4	38
Nova Scotia Agricultural College	..	..	..	..	..	..	..	..
Nova Scotia College of Art and Design	-	3	10	15	1	-	4	33
Nova Scotia Technical College	-	2	33	22	4	5	3	69
Ontario Institute for Studies in Education	-	6	47	52	17	8	2	132
Ottawa, Université d' - Ottawa, University of	-	136	318	185	91	48	13	791
Notre Dame of Canada College	5	-	-	-	-	-	1	6
St. Charles Scholasticate	-	-	-	2	4	-	-	6

TABLE 4. Full-time University Teaching Staff in Canadian Universities and Colleges, including Median Salary of Teachers, 1971-72 - Concluded

TABLEAU 4. Professeurs à plein temps dans les universités et collèges du Canada, comprenant le traitement médian des professeurs, 1971-72 - fin

Institution	Academic rank - Rang universitaire							Total
	Ungraded numbers - Non classés	Lecturers and instructors - Conférenciers et instructeurs	Assistant professors - Professeurs adjoints	Associate professors - Professeurs agrégés	Full professors - Professeurs titulaires	Full professors and department heads - Professeurs titulaires et directeurs de départements	Deans - Doyens	
Prince Edward Island, University of	-	34	45	35	3	4	3	124
Québec, Université du	254	184	309	63	17	6	-	833
Queen's University at Kingston	1	50	252	250	146	48	17	764
Queen's Theological College	-	2	2	-	4	-	1	9
Royal Military College of Canada	-	38	27	24	11	10	1	111
Royal Roads Military College	-	14	8	6	2	4	3	37
Ryerson Polytechnical Institute	..	..	..	..	..	..	..	..
Sainte-Anne, Le Collège	..	..	..	..	..	..	..	..
St. Francis Xavier University	-	46	106	43	16	7	4	222
St. Jerome's College, The University of	-	6	13	2	1	-	1	23
St. John's College	..	..	..	..	..	..	..	..
Saint Mary's University	-	32	66	27	11	2	6	144
Regis College	-	-	7	1	6	-	2	16
St. Michael's College, University of	-	9	21	24	25	7	4	90
Saint-Paul, Université - Saint Paul University	..	..	..	..	..	..	..	..
St. Augustine's Seminary	-	3	1	-	2	-	2	8
St. Paul's College	..	..	..	..	..	..	..	..
St. Thomas More College	-	6	14	2	-	-	1	23
Saskatchewan, University of (Regina and Saskatoon Campuses)	-	165	373	360	153	53	38	1,142
Campion College	-	4	6	-	1	-	2	13
Emmanuel and St. Chad, College of	-	1	-	-	3	-	-	4
Lutheran Theological Seminary	-	-	-	1	5	-	1	7
Sherbrooke, Université de	6	92	202	157	16	26	7	506
Militaire royal de Saint-Jean, Collège	-	20	14	20	9	1	3	67
Simon Fraser University	-	28	135	102	59	6	5	335
Sir George Williams University	4	21	121	131	28	20	4	329
Toronto, University of	103	220	550	549	452	78	33	1,985
Knox College	-	-	-	-	-	5	1	6
Wycliffe College	-	-	-	-	5	-	1	6
Trent University	-	14	58	35	13	12	1	133
Trinity College, University of	1	4	12	7	10	6	4	44
Victoria, University of (Vancouver, B.C.)	-	64	163	103	34	18	1	383
Victoria University (Toronto, Ont.)	-	15	20	26	20	7	6	94
Waterloo, University of	8	64	219	201	145	23	7	667
Waterloo Lutheran University	-	28	52	33	12	6	5	136
Western Ontario, The University of	-	162	372	286	150	53	12	1,035
Windsor, University of	6	35	166	146	69	15	9	446
Winnipeg, The University of	-	67	68	29	4	7	2	177
Mennonite Brethren College of Arts	-	-	5	2	2	-	1	10
York University	1	206	287	181	111	15	9	810
Other institutions	1	5	7	7	15	7	5	47
Total 1971-72	618	3,494	9,299	6,887	3,628	1,152	491	25,569
Total								
1970-71	468	3,855	8,977	6,470	4,474 ¹	-	368	24,612
1969-70	261	3,519	8,081	5,705	3,963 ¹	-	311	21,840
1961-62	..	..	..	..	..	-	..	10,540
1951-52	..	..	..	..	..	-	..	6,207
Median salary of teachers at 19 universities - Traitement médian des professeurs de 19 universités								
Total								
1971-72	\$ -	10,454	13,403	16,976	23,343	-	28,550	15,865
1970-71	\$ -	10,000	12,739	16,096	23,136	-	27,575	14,887
1969-70	\$ -	9,407	11,950	15,089	20,362	-	25,450	13,839
1961-62	\$ -	6,039	7,687	9,703	12,619	-	15,577	8,646
1951-52	\$ -	3,341	4,379	5,241	6,336	-	7,292	4,797

¹ Total includes full professors and department heads. - Le total inclut les professeurs titulaires et les directeurs de départements.

TABLE 5A. Undergraduate Degrees, Diplomas and Certificates awarded by Canadian Universities and Colleges, 1970-71

TABLEAU 5A. Grades, diplômes et certificats du niveau du premier cycle, décernés par les universités et collèges du Canada, 1970-71

Institution	Bachelor and first professional degrees — Baccalauréats et premiers grades professionnels		Undergraduate diplomas — Diplômes du 1er cycle		Undergraduate certificates — Certificats du 1er cycle		Total undergraduate degrees, diplomas and certificates — Total des grades, diplômes et certificats du 1er cycle	
	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes
	Acadia University	581	261	31	24	26	—	638	285
Alberta, The University of	3,752	1,567	415	254	—	—	4,167	1,821
Canadian Union College	2	—	—	—	—	—	2	—
St. Stephen's College	11	1	4	1	—	—	15	2
Bishop's University	205	90	29	9	—	—	234	99
Brandon University	265	95	—	—	—	—	265	95
Brescia College	..	..	..	..	..	..	..	..
British Columbia, The University of	3,597	1,413	45	43	—	—	3,642	1,456
Vancouver School of Theology	19	1	5	—	—	—	24	1
Brock University	355	95	—	—	—	—	355	95
Calgary, The University of	1,531	612	—	—	—	—	1,531	612
Carleton University	1,540	559	—	—	21	2	1,561	561
Christ the King, Seminary of	—	—	1	—	—	—	1	—
Dalhousie University	1,048	418	192	188	—	—	1,240	606
Dominicain de philosophie et de théologie, Collège	50	3	13	12	—	—	63	15
Guelph, University of	1,234	487	71	1	—	—	1,305	488
Huron College	6	—	1	—	—	—	7	—
Jean-de-Brébeuf, Collège	..	..	..	..	..	..	..	..
King's College, University of (Halifax, N.S.)	7	1	2	—	—	—	9	1
Lakehead University	499	178	245	123	10	—	754	301
Laurentian University of Sudbury — Laurentienne de Sudbury, Université	540	173	4	—	—	—	544	173
Laval, Université								
Cité universitaire	3,373	906	247	80	174	67	3,794	1,053
Collèges classiques	77	13	—	—	—	—	77	13
Écoles normales	1,949	1,206	—	—	—	—	1,949	1,206
Écoles de musiques	—	—	31	26	244	220	275	246
Lethbridge, The University of	328	128	—	—	—	—	328	128
Loyola College	943	276	—	—	—	—	943	276
Manitoba, The University of	2,658	829	161	88	651	347	3,470	1,264
Canadian Mennonite Bible College	10	2	3	2	—	—	13	4
St. Andrew's College	6	—	—	—	—	—	6	—
Saint Boniface, Collège	50	22	—	—	—	—	50	22
Marianopolis College	61	61	—	—	—	—	61	61
McGill University	2,622	1,009	551	338	—	—	3,173	1,347
Montreal Diocesan Theological College, The	—	—	1	—	—	—	1	—
Presbyterian College of Montreal, The	—	—	2	—	—	—	2	—
United Theological College of Montreal, The	—	—	4	1	—	—	4	1
McMaster University	1,390	548	23	10	2	—	1,415	558
Memorial University of Newfoundland	1,089	410	44	7	—	—	1,133	417
Moncton, Université de	453	212	—	—	6	—	459	212
Bathurst et Jésus-Marie, Collèges	200	118	—	—	—	—	200	118
Saint-Louis et Maillet, Collèges	164	80	—	—	—	—	164	80
Montréal, Université de								
Cité universitaire et grandes écoles affiliées	3,133	992	220	151	94	58	3,447	1,201
Autres collèges classiques affiliés	509	252	—	—	—	—	509	252
Écoles normales	1,571	1,077	—	—	—	—	1,571	1,077
Conservatoire Lasalle	—	—	20	17	—	—	20	17
Mount Allison University	337	164	—	—	17	—	354	164
Mount Saint Vincent University	243	234	33	31	—	—	276	265

Source: Statistics Canada. — Statistique Canada.

TABLE 5A. Undergraduate Degrees, Diplomas and Certificates awarded by Canadian Universities and Colleges, 1970-71 - Concluded

TABLEAU 5A. Grades, diplômes et certificats du niveau du premier cycle, décernés par les universités et collèges du Canada, 1970-71 - fin

Institution	Bachelor and first professional degrees — Baccalauréats et premiers grades professionnels		Undergraduate diplomas — Diplômes du 1er cycle		Undergraduate certificates — Certificats du 1er cycle		Total undergraduate degrees, diplomas and certificates — Total des grades, diplômes et certificats du 1er cycle	
	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes
New Brunswick, University of	1,081	378	8	—	—	—	1,089	378
St. Thomas University	238	74	—	—	—	—	238	74
Notre Dame University of Nelson	68	22	—	—	—	—	68	22
Nova Scotia Agricultural College	..	..	..	..	..	..	..	..
Nova Scotia College of Art and Design	39	21	28	6	—	—	67	27
Nova Scotia Technical College	232	3	—	—	—	—	232	3
Ottawa, Université d'—Ottawa, University of	1,831	711	36	4	205	185	2,072	900
St. Charles Scholasticate	—	—	2	—	—	—	2	—
Prince Edward Island, University of	363	138	32	14	—	—	395	152
Québec, Université du								
à Chicoutimi	128	28	—	—	—	—	128	28
à Montréal	337	36	—	—	—	—	337	36
à Rimouski	5	3	—	—	—	—	5	3
à Trois-Rivières	231	53	—	—	49	2	260	55
Queen's University at Kingston	2,068	815	41	38	—	—	2,109	853
Queen's Theological College	—	—	16	1	—	—	16	1
Royal Military College of Canada	163	—	—	—	—	—	163	—
Ryerson Polytechnical Institute	..	..	..	..	..	..	..	..
Sainte-Anne, Le Collège	42	13	—	—	—	—	42	13
St. Francis Xavier University	892	452	135	49	—	—	1,027	501
St. Jerome's College, The University of	..	..	..	..	..	..	..	..
St. John's College	..	..	..	..	..	..	..	..
Saint Mary's University	522	96	24	—	—	—	546	96
St. Michael's College, University of	..	..	..	..	..	..	..	..
Saint-Paul, Université — Saint Paul University	109	6	44	26	—	—	153	32
St. Paul's College	..	..	..	..	..	..	..	..
St. Thomas More College	..	..	..	..	..	..	..	..
Saskatchewan, University of (Regina Campus)	750	256	—	—	130	31	880	287
Saskatchewan, University of (Saskatoon Campus)	2,338	848	112	43	52	9	2,502	900
Emmanuel and St. Chad, College of	1	—	8	—	1	—	10	—
Lutheran Theological Seminary	—	—	2	—	—	—	2	—
St. Andrew's College	5	1	—	—	—	—	5	1
Sherbrooke, Université de	1,135	364	72	—	134	51	1,341	415
Militaire royal de Saint-Jean, Collège	18	—	—	—	—	—	18	—
Simon Fraser University	710	206	—	—	—	—	710	206
Sir George Williams University	1,192	450	12	7	5	—	1,209	457
Toronto, University of	6,467	2,819	139	137	114	51	6,720	3,007
Knox College	13	2	14	2	2	—	29	4
Wycliffe College	1	—	8	—	—	—	9	—
Trent University	271	119	—	—	—	—	271	119
Trinity College, University of	9	—	—	—	—	—	9	—
Victoria, University of (Vancouver, B.C.)	663	257	—	—	—	—	663	257
Victoria University (Toronto, Ont.)	2	1	5	—	—	—	7	1
Waterloo, University of	1,403	292	—	—	—	—	1,403	292
Waterloo Lutheran University	975	268	54	1	23	1	1,052	270
Western Ontario, The University of	2,329	917	29	12	—	—	2,358	929
Windsor, University of	1,532	554	368	278	19	3	1,919	835
Winnipeg, The University of	656	242	—	—	—	—	656	242
Mennonite Brethren College of Arts	18	5	—	—	—	—	18	5
York University	1,804	602	—	—	—	—	1,804	602
Other institutions — Autres institutions	151	59	46	32	—	—	197	91
Total 1970-71	67,200	25,604	3,633	2,056	1,979	1,027	72,812	26,687
Total								
1969-70	60,453	23,180	2,847	1,703	2,282	1,242	65,582	26,125
1961-62	23,102	6,320	..	..	..	..	23,102	6,320
1951-52	14,123	..	..	..	..	..	14,123	..

TABLE SB. Graduate Degrees, Diplomas and Certificates awarded by Canadian Universities and Colleges, 1970-71

TABLEAU SB. Grades, diplômes et certificats des 2e et 3e cycles décernés par les universités et collèges du Canada, 1970-71

Institution	Graduate diplomas — Diplômes des 2e et 3e cycles		Master's — Maîtrises et équivalents		Doctorates — Doctorats		Total	
	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes	Total	Female — Femmes
Acadia University	—	—	24	5	—	—	24	5
Alberta, The University of	146	44	506	85	177	21	829	150
Bishop's University	—	—	4	—	—	—	4	—
British Columbia, The University of	44	27	625	130	175	17	844	174
Vancouver School of Theology, The	—	—	3	—	—	—	3	—
Brock University	—	—	8	1	—	—	8	1
Calgary, The University of	74	16	180	47	30	—	284	63
Carleton University	46	3	241	64	17	1	304	68
Dalhousie University	—	—	226	80	25	5	251	85
Dominicain de philosophie et de théologie, Collège	—	—	18	—	—	—	18	—
Guelph, University of	9	—	206	25	28	2	243	27
Lakehead University	7	1	10	2	—	—	17	3
Laval, Université	7	2	454	68	63	6	524	76
Manitoba, The University	12	2	431	85	51	4	494	91
St. Andrew's College	—	—	2	—	—	—	2	—
McGill University	138	11	681	209	181	17	1,000	237
McMaster University	—	—	406	49	84	4	490	53
Memorial University of Newfoundland	12	2	54	7	2	—	68	9
Moncton, Université de	—	—	29	8	—	—	29	8
Montréal, Université de	29	4	647	177	92	21	768	202
Mount Allison University	—	—	2	—	—	—	2	—
New Brunswick, University of	—	—	135	14	23	3	158	17
Nova Scotia Technical College	—	—	33	1	4	—	37	1
Ontario Institute for Studies in Education ¹	—	—	—	—	—	—	—	—
Ottawa, Université d'—Ottawa, University of	7	1	527	145	51	4	585	150
Québec, Université du	—	—	12	—	—	—	12	—
à Trois-Rivières	—	—	24	—	—	—	24	—
École nationale d'administration publique	—	—	—	—	—	—	—	—
Queen's University at Kingston	7	2	222	38	75	6	304	46
Royal Military College of Canada	—	—	10	—	—	—	10	—
St. Francis Xavier University	—	—	17	3	—	—	17	3
Saint Mary's University	—	—	31	2	—	—	31	2
St. Michel's College, University of	—	—	33	3	—	—	33	3
Saint-Paul, Université — Saint Paul University	—	—	56	8	2	—	58	8
Saskatchewan, University of (Regina Campus)	13	3	33	9	8	1	54	13
Saskatchewan, University of (Saskatoon Campus)	53	5	150	21	42	3	245	29
Lutheran Theological Seminary	—	—	5	—	—	—	5	—
Sherbrooke, Université de	35	2	119	12	12	—	166	14
Simon Fraser University	—	—	118	13	14	1	132	14
Sir George Williams University	—	—	53	7	—	—	53	7
Toronto, University of	217	59	1,576	472	263	23	2,056	554
Knox College	—	—	3	—	1	—	4	—
Wycliffe College	—	—	1	—	—	—	1	—
Trent University	—	—	2	1	—	—	2	1
Trinity College, University of	—	—	3	—	—	—	3	—
Victoria, University of (Vancouver, B.C.)	—	—	55	10	3	—	58	10
Victoria University (Toronto, Ont.)	—	—	24	1	2	—	26	1
Waterloo, University of	—	—	397	42	95	4	492	46
Waterloo Lutheran University	—	—	55	21	—	—	55	21
Western Ontario, The University of	—	—	692	195	67	4	759	199
Windsor, University of	—	—	183	26	16	1	199	27
Winnipeg, The University of	—	—	1	—	—	—	1	—
York University	—	—	309	36	22	3	331	39
Other institutions — Autres institutions	—	—	2	—	—	—	2	—
Total 1970-71	856	184	9,638	2,122	1,625	151	12,119	2,457
Total								
1969-70	1,007	287	8,461	1,821	1,375	128	10,843	2,236
1961-62	..	..	2,433	414	321	26	2,754	440
1951-52	..	..	1,443	241	234	21	1,677	262

¹ Statistics are included with the University of Toronto. — Les statistiques sont inclus dans celle de la *University of Toronto*.

General information

Renseignements généraux

RESEARCH INSTITUTES/INSTITUTS DE RECHERCHE

- Acadia University Institute (Acadia University)
- Agassiz Centre for Water Studies (The University of Manitoba)
- Allan Memorial Institute of Psychiatry (McGill University)
- Anthropology of Développement Program (McGill University)
- Aquatic Biology Research Unit (The University of Manitoba)
- Arctic and Alpine Research (The University of British Columbia)
- Arctic Institute of North America (McGill University)
- Atlantic Industrial Research Institute (Nova Scotia Technical College)
- Atlantic Research Centre for Mental Retardation, The (Dalhousie University)
- Aviation Medical Research Unit (McGill University)
- Banque de terminologie (Université de Montréal)
- Banting and Best Department of Medical Research, The (University of Toronto)
- Bedford Institute of Oceanography (Dalhousie University)
- Bellairs Research Institute (McGill University)
- Bio-Engineering Institute (University of New Brunswick)
- Biomedical Engineering Unit (McGill University)
- Boreal Institute for Northern Studies, The (The University of Alberta)
- Brace Research Institute (McGill University)
- Canada Department of Agriculture Research Station (The University of Manitoba)
- Canadian Institute of Guided Ground Transportation (Queen's University at Kingston)
- Canadian International Centre of Research and Information on Public and Cooperative Economy (Sir George Williams University)
- Canadian Plains Area Centre (University of Saskatchewan, Regina Campus)
- Canadian Research Centre for Anthropology (Saint Paul University)

- Cancer Research Institute (McEachern Laboratory) (The University of Alberta)
- Cancer Research Laboratory (The University of Western Ontario)
- Cardio-Thoracic Research Institute (Laurentian University of Sudbury)
- Centre canadien de recherches en anthropologie (Université Saint-Paul)
- Centre de recherche de l'énergie (Institut national de la recherche scientifique de l'Université du Québec)
- Centre de recherche des sciences de la santé (Institut national de la recherche scientifique de l'Université du Québec)
- Centre de recherche des sciences de la santé et de l'efficacité physique (Université du Québec à Trois-Rivières)
- Centre de recherche du moyen-nord (Université du Québec à Chicoutimi)
- Centre de recherche en développement économique (Université de Montréal)
- Centre de recherche en didactique (Université du Québec à Montréal)
- Centre de recherche en droit public (Université de Montréal)
- Centre de recherche en histoire religieuse du Canada (Université Saint-Paul)
- Centre de recherche en ingénierie des télécommunications (Institut national de la recherche scientifique de l'Université du Québec)
- Centre de recherche en psychomathématique (Université de Sherbrooke)
- Centre de recherche en reproduction animale (Université de Montréal)
- Centre de recherche en sciences appliquées à l'alimentation (Université du Québec à Montréal)
- Centre de recherche en sciences neurologiques (Université de Montréal)
- Centre de recherches caraïbes (Université de Montréal)
- Centre de recherches de l'état solide (Université Laval)
- Centre de recherches écologiques de Montréal (Université de Montréal et Université du Québec à Montréal)
- Centre de recherches en aménagement régional (Université de Sherbrooke)
- Centre de recherches en bionique (Université Laval)
- Centre de recherches en géophysique (Collège Jean-de-Brébeuf)
- Centre de recherches en histoire économique du Canada français (Sir George Williams University)
- Centre de recherches en nutrition (Université Laval)
- Centre de recherches en sociologie religieuse (Université Laval)
- Centre de recherches et d'innovations urbaines (Université de Montréal)
- Centre de recherches mathématiques (Université de Montréal)
- Centre de recherches sur la croissance (Université de Montréal)
- Centre de recherches sur l'eau (Université Laval)
- Centre de recherches sur les atomes et les molécules (Université Laval)
- Centre de recherches urbaines et régionales (Institut national de la recherche scientifique de l'Université du Québec)
- Centre de recherche sur les transports (Université de Montréal)
- Centre de sondage (Université de Montréal)
- Centre de traitement de l'information (Université Laval)
- Centre d'étude du Québec (Sir George Williams University)
- Centre d'étude et de recherches en pédagogie du langage oral et écrit (Université Laval)
- Centre d'études de la Renaissance (Université de Sherbrooke)
- Centre d'études des littératures d'expression française (Université de Sherbrooke)
- Centre d'études en liturgie (Université Saint-Paul)
- Centre d'études en loisirs (Université du Québec à Trois-Rivières)
- Centre d'études nordiques (Université Laval)
- Centre d'histoire des religions et d'archéologie préhistorique (Université du Québec à Trois-Rivières)
- Centre for Advanced Study in Theoretical Psychology (The University of Alberta)
- Centre for Applied Research and Engineering Design (McMaster University)
- Centre for Culture and Technology (University of Toronto)
- Centre for Developing Area Studies (McGill University)
- Centre for East Asian Studies (McGill University)
- Centre for Educational Disabilities (University of Guelph)
- Centre for French Area Studies (Queen's University at Kingston)

- Centre for Industrial Relations (University of Toronto)
- Centre for International Programs (University of Guelph)
- Centre for Learning and Development (McGill University)
- Centre for Linguistic Studies (University of Toronto)
- Centre for Medieval Studies (University of Toronto)
- Centre for Metal and Mineral Technology (Queen's University at Kingston)
- Centre for Radio Science (The University of Western Ontario)
- Centre for Renaissance Studies (University of Toronto)
- Centre for Research in Experimental Space Science (York University)
- Centre for Research on Environmental Quality (York University)
- Center for Resources Development (University of Guelph)
- Centre for Russian and East European Studies (University of Toronto)
- Centre for Settlement Studies (The University of Manitoba)
- Centre for the Study of Mental Retardation (The University of Alberta)
- Centre for the Study of the Drama (University of Toronto)
- Centre for Transportation Studies (University of Manitoba)
- Centre for Urban and Community Studies (University of Toronto)
- Centre international de criminologie comparée (Université de Montréal)
- Centre international de recherches sur le bilinguisme (Université Laval)
- Centre interuniversitaire d'études européennes (Université du Québec à Montréal)
- Centre of Criminology (University of Toronto)
- Centre of Human Relations and Community Studies (Sir George Williams University)
- Centre québécois des sciences de l'eau (Institut national de la recherche scientifique de l'Université du Québec)
- Clinical Research Centre, The (Dalhousie University)
- Coady International Institute (St. Francis Xavier University)
- Connaught Medical Research Laboratories (University of Toronto)
- Conseil de recherches (Université de Moncton)
- Dairy Herd Analysis Service (McGill University)
- David Dunlap Observatory (University of Toronto)
- Delta Waterfowl Research Station (The University of Manitoba)
- Environmental Sciences Centre (Kananaskis) (The University of Calgary)
- Financial Research Institute (McGill University)
- Fire Science Centre (The University of New Brunswick)
- Folklore and Language Archive (Memorial University of Newfoundland)
- Foster Radiation Laboratory (McGill University)
- French Canada Studies Program (McGill University)
- Gastrointestinal Research Laboratory (McGill University)
- Gault Estate (McGill University)
- Glenlea Research Station (The University of Manitoba)
- Industrial Relations Centre (McGill University)
- Industrial Relations Centre (Queen's University at Kingston)
- Industrial Research Institute (University of Windsor)
- Institut d'astronomie (Université Laurentienne de Sudbury)
- Institut de recherche cardio-thoracique (Université Laurentienne de Sudbury)
- Institut de recherche et de perfectionnement en administration (Université de Sherbrooke)
- Institut de recherche sur les micro-particules (Université Laurentienne de Sudbury)
- Institute for Aerospace Studies (University of Toronto)
- Institute for Behavioural Research (York University)
- Institute for Child Guidance (The University of Saskatchewan, Saskatoon Campus)
- Institute for Economic Research (Queen's University at Kingston)
- Institute for Fine Particle Research (Laurentian University of Sudbury)
- Institute for Materials Research (McMaster University)
- Institute for Mineral Industry Research (McGill University)

- Institute for Northern Studies (University of Saskatchewan, Saskatoon Campus)
- Institute for Research in Human Abilities (Memorial University of Newfoundland)
- Institute for the History and Philosophy of Science and Technology (University of Toronto)
- Institute for the Quantitative Analysis of Social and Economic Policy (University of Toronto)
- Institute of Air and Space Law (McGill University)
- Institute of Animal Resource Ecology (The University of British Columbia)
- Institute of Applied Mathematics and Statistics (The University of British Columbia)
- Institute of Applied Statistics (University of Toronto)
- Institute of Asian and Slavonic Research (The University of British Columbia)
- Institute of Astronomy (Laurentian University of Sudbury)
- Institute of Astronomy and Space Science (The University of British Columbia)
- Institute of Bio-medical Electronics (University of Toronto)
- Institute of Canadian Studies (Carleton University)
- Institute of Commonwealth and Comparative Studies (Queen's University at Kingston)
- Institute of Comparative Law (McGill University)
- Institute of Computing Science (University of Guelph)
- Institute of Environmental Sciences (University of Toronto)
- Institute of Immunology (University of Toronto)
- Institute of Industrial Relations (The University of British Columbia)
- Institute of Intergovernmental Relations (Queen's University at Kingston)
- Institute of International Relations (The University of British Columbia)
- Institute of Islamic Studies (McGill University)
- Institute of Law Research and Reform (The University of Alberta)
- Institute of Local Government (Queen's University at Kingston)
- Institute of Medical Science (University of Toronto)
- Institute of Oceanography (Dalhousie University)
- Institute of Oceanography (The University of British Columbia)
- Institute of Parasitology (McGill University)
- Institute of Pastoral Training (University of King's College, Halifax)
- Institute of Pathology (McGill University)
- Institute of Pedology (University of Saskatchewan, Saskatoon Campus)
- Institute of Social and Economic Research (Memorial University of Newfoundland)
- Institute of Soviet and East European Studies (Carleton University)
- Institute of Space and Atmospheric Studies (University of Saskatchewan, Saskatoon Campus)
- Institute of Theoretical Physics (The University of Alberta)
- Institute of Transportation Studies (The University of Calgary)
- Institute of Urban Studies (The University of Winnipeg)
- Institut supérieur des sciences humaines (Université Laval)
- Inter-American Studies Group (The University of Western Ontario)
- International Institute of Quantitative Economics (Sir George Williams University)
- Jewish Studies Program (McGill University)
- Legal Research Institute (The University of Manitoba)
- Limnological Station (The University of Manitoba)
- Management Development Institute (McGill University)
- Manitoba Institute of Cell Biology (The University of Manitoba)
- Marine Sciences Centre (McGill University)
- Marine Sciences Research Laboratory (Memorial University of Newfoundland)
- Matador Project, International Biological Program (University of Saskatchewan, Saskatoon Campus)
- McGill Cancer Research Unit (McGill University)
- McGill Magnet Laboratory (McGill University)
- McGill Sub-Arctic Research Laboratories (McGill University)
- McGill University Project for Deaf Children (McGill University)

- Medieval and Renaissance Guild (The University of Manitoba)
- Montreal Neurological Hospital and Institute (McGill University)
- Morgan Arboretum (McGill University)
- Muskeg Research Institute (The University of New Brunswick)
- Natural Resource Institute (The University of Manitoba)
- Northern Studies Committee (The University of Manitoba)
- Nuclear Research Centre (The University of Alberta)
- Ontario Institute for Studies in Education (Ontario Institute for Studies in Education)
- Pathology Institute (Dalhousie University)
- Pestology Centre (Simon Fraser University)
- Petroleum Recovery Research Institute (The University of Calgary)
- Phonetic Research Laboratory (McGill University)
- Pontifical Institute of Mediaeval Studies (University of Toronto)
- Pulp and Paper Research Institute of Canada (McGill University)
- Research Centre in Liturgy (Saint Paul University)
- Research Centre in Religious History of Canada (Saint Paul University)
- Research Unit in Biochemistry, Biophysics and Molecular Biology (McMaster University)
- Shastri Indo-Canadian Institute (McGill University)
- Social Sciences Statistics Laboratory (McGill University)
- Surgical-Medical Research Institute (The University of Alberta)
- Transport Centre (York University)
- University Field Station (Delta March) (The University of Manitoba)
- University Field Station (Star Lake) (The University of Manitoba)
- University of Waterloo Research Institute (University of Waterloo)

**ASSOCIATIONS AND AGENCIES
RELATED TO HIGHER EDUCATION/
ASSOCIATIONS ET ORGANISMES
INTERESSÉS A L'ENSEIGNEMENT
SUPERIEUR**

Index of acronyms and initialisms/Index des sigles

AAMC

Association des archivistes médicales du Canada

AAPC

Association des architectes paysagistes du Canada, L'

AAU

Association of Atlantic Universities

ABC

Association botanique du Canada, L'

ABIUC

Association des bureaux de l'information des universités du Canada

ACA

Association canadienne des anatomistes

ACAU

Association canadienne d'art universitaire

ACBCU

Association canadienne des bibliothèques de collège et d'université

ACBLF

Association canadienne des bibliothécaires de langue française

ACCC

Association des collèges communautaires du Canada

Association of Canadian Community Colleges

ACCE

Association canadienne des chercheurs en éducation

ACCU

Association canadienne de counseling universitaire

ACD

Association canadienne des diététistes, L'

ACDAU

Association canadienne des directeurs athlétiques universitaires

ACDEN

Association canadienne pour le développement des études néerlandaises

ACDFP

Association canadienne des doyens et directeurs de faculté de pédagogie

ACDI

Agence canadienne de développement international

ACE

Association canadienne d'économique, L'
Association canadienne d'éducation, L'
Association canadienne des ergothérapeutes

ACEA

Association canadienne des études africaines, L'
Association canadienne des études asiatiques
Association canadienne d'études américaines

ACEB

Association canadienne des écoles de bibliothécaires

ACEC

Association of Consulting Engineers of Canada

ACELA

Association canadienne des études latino-américaines

ACELF

Association canadienne d'éducation de langue française

ACCESS

Association canadienne des écoles de service social

ACEUN

Association canadienne des écoles universitaires de nursing

ACFAS

Association canadienne-française pour l'avancement des sciences

ACFD

Association of Canadian Faculties of Dentistry, The

ACFEES

Association canadienne des facultés et écoles des études supérieures

ACFES

Association of Canadian Faculties of Environmental Studies

ACG

Association canadienne des géographes, L'

ACH

Association canadienne des humanités

ACL

Association canadienne de linguistique

ACLT

Association of Canadian Law Teachers

ACMC

Association of Canadian Medical Colleges

ACO

Association canadienne des optométristes, L'

ACP

Association canadienne de philosophie, L'
Association canadienne de physiothérapie, L'
Association canadienne des pathologistes
Association canadienne des physiciens
Association canadienne pétrolière

ACPD

Association canadienne des professeurs de droit

ACPE

Association canadienne des professeurs d'éducation, L'

ACPU

Association canadienne des professeurs d'université

ACQ

Association des collèges du Québec

ACRTE

Association canadienne de radio et de télévision éducatives, L'

ACS

Association canadienne des slavistes

ACSA

Association canadienne des sciences administratives

ACSP

Association canadienne de santé publique, L'
Association canadienne de science politique, L'

ACTS

Association canadienne des travailleurs sociaux

ACTU

Association canadienne du théâtre universitaire

ACU

Association of Commonwealth Universities, The

ACUIB

Association of Canadian University Information Bureaus

ACUTE	AICC
Association of Canadian University Teachers of English	Association des ingénieurs-conseils du Canada
ACUTF	AIG
Association of Canadian University Teachers of French	Association des industries graphiques
ADC	AIU
Association dentaire canadienne, L'	Association internationale des universités
ADDUC	AMC
Association des doyens et des directeurs de facultés, d'écoles et de départements d'éducation physique des universités canadiennes	Association des musées canadiens
ADPC	Association médicale canadienne, L'
Association des doyens de pharmacie du Canada	AMLFC
Association of Deans of Pharmacy of Canada, The	Association des médecins de langue française du Canada
ADSDUC	ANC
Association des dirigeants du service de développement des universités canadiennes	Association nucléaire canadienne
AEOC	APAUC
Association des écoles d'optométrie du Canada	Association des professeurs d'allemand des universités canadiennes, L'
AERC	APC
Agricultural Economics Research Council of Canada	Association des psychiatres du Canada
AFC	Association pharmaceutique canadienne, L'
Association forestière canadienne	APFUC
AFCECM	Association des professeurs de français des universités canadiennes
Association des facultés canadiennes d'études de conditionnement du milieu	APICS
AFDC	Atlantic Provinces Inter-University Committee on the Sciences
Association des facultés dentaires du Canada, L'	APUC
AFMC	Association de placement universitaire et collégial
Association des facultés de médecine du Canada, L'	ARUC
AFMVC	Association des registraires des universités et collèges du Canada
Association des facultés de médecine vétérinaire du Canada, L'	Association of Registrars of Universities and Colleges of Canada
AFPC	ARUO
Association des facultés de pharmacie du Canada	Association des registraires d'universités de l'Ontario, L'
Association of Faculties of Pharmacy of Canada	ASOC
AFVMC	Association of Schools of Optometry of Canada
Association of Faculties of Veterinary Medicine in Canada, The	AUA
AHC	Association des universités de l'Atlantique, L'
Association des hispanistes du Canada	AUC
AIC	Alberta Universities Commission, The
Agricultural Institute of Canada	AUPELF
Association des infirmières canadiennes	Association des universités partiellement ou entièrement de langue française
	BCC
	Biological Council of Canada

BNED

Bureau national d'examen dentaire du Canada

CAA

Canadian Association of Anatomists

CAAE

Canadian Association for Adult Education

CAANS

Canadian Association for the Advancement of Netherlandic Studies

CAAS

Canadian Association for American Studies

Canadian Association of Administrative Sciences

Canadian Association of African Studies

CAC

Classical Association of Canada

CACUL

Canadian Association of College and University Libraries

CADESS

Canadian Association of Departments of Extension and Summer Schools

CADUFE

Canadian Association of Deans and Directors of University Faculties of Education

CAG

Canadian Association of Geographers, The

CAGS

Canadian Association of Graduate Schools

CAH

Canadian Association of Hispanists

CAHPER

Canadian Association for Health, Physical Education and Recreation

CALAS

Canadian Association of Latin American Studies

CALS

Canadian Association of Library Schools

CAMRL

Canadian Association of Medical Record Librarians

CAO

Canadian Association of Optometrists

CAOT

Canadian Association of Occupational Therapists

CAP

Canadian Association of Pathologists

Canadian Association of Physicists

CAPE

Canadian Association of Professors of Education

Canadian Association of University Deans, Directors and Chairmen of Faculties, Schools and Departments of Physical Education

CAS

Canadian Association of Slavists

CASAA

Canadian Association of Student Awards Administrators

CASI

Canadian Aeronautics and Space Institute

CASSW

Canadian Association of Schools of Social Work

CASUE

Conseil des associations des services universitaires aux étudiants

CASW

Canadian Association of Social Workers

CATSPM

Canadian Association of Teachers of Social and Preventive Medicine

CAUAD

Canadian Association of University Athletic Directors

CAUBO

Canadian Association of University Business Officers

CAUDO

Canadian Association of University Development Officers

CAUSM

Canadian Association of University Schools of Music

CAUSN

Canadian Association of University Schools of Nursing

CAUSPS

Council of Associations of University Student Personnel Services

CAUT

Canadian Association of University Teachers

CAUTG

Canadian Association of University Teachers of German

CBA Canadian Botanical Association, The	CCUBC Canadian Committee of University Biology Chairmen
CBS Canadian Biochemical Society	CCURR Canadian Council on Urban and Regional Research
CCB Conseil canadien de biologie	CCUSA Canadian Conference of University Schools of Architecture
CCCI Conseil canadien pour la coopération internationale	CDA Canadian Dental Association Canadian Dietetic Association, The
CCE Collège canadien des enseignants, Le	CDDC Comité des doyens de droit du Canada
CCEB Conseil canadien des écoles de bibliothécaires	CdesU Conseil des universités (Québec)
CCI Conseil canadien des ingénieurs	CEA Canadian Economics Association, The Canadian Education Association, The
CCIC Canadian Council for International Co-operation	CED Centre pour l'éducation de développement
CCLD Committee of Canadian Law Deans	CERA Canadian Educational Researchers Association
CCLS Canadian Council of Library Schools	CFA Canadian Forestry Association
CCM Conseil canadien de la musique	CFBS Canadian Federation of Biological Societies
CCPE Canadian Council of Professional Engineers	CFI Canadian Film Institute
CCRE Canadian Council for Research in Education Conseil canadien pour la recherche en éducation	CFUW Canadian Federation of University Women
CCRH Conseil canadien de recherches sur les humanités	CGCA Canadian Guidance and Counselling Association
CCRI Centre canadien de relations internationales	CHA Canadian Historical Association
CCRSS Conseil canadien de recherche en sciences sociales	CHEA Canadian Home Economics Association
CCRUR Conseil canadien de recherches urbaines et régionales	CIAE Canadian Institute of Adult Education
CCT Canadian College of Teachers, The Centre canadien du théâtre	CIAU Canadian Intercollegiate Athletic Union
CCTE Canadian Council of Teachers of English	CIC Chemical Institute of Canada, The

- CICA
Canadian Institute of Chartered Accountants, The
- CIDA
Canadian International Development Agency
- CIESC
Comparative and International Education Society of Canada
- CIIR
Canadian Institute of International Relations
- CIM
Canadian Institute of Management
Canadian Institute of Mining and Metallurgy, The
- CIPA
Canadian Institute of Public Affairs
- CLA
Canadian Library Association
Canadian Linguistic Association
- CMA
Canadian Medical Association
Canadian Museums Association, The
- CMBES
Canadian Medical and Biological Engineering Society
- CMC
Canadian Mathematical Congress
Canadian Music Council
- CMEC
Conseil des ministres de l'éducation, Canada
Council of Ministers of Education, Canada
- CMS
Canadian Meteorological Society
- CNA
Canadian Nuclear Association
Canadian Nurses' Association
- CNEI
Conseil national de l'esthétique industrielle
- CNRC
Conseil national de recherches du Canada
- CofU
Council of Universities (Quebec)
- COPSE
Commission on Post-Secondary Education in Ontario
- COU
Commission des octrois aux universités (Manitoba)
Council of Ontario Universities
- CPA
Canadian Petroleum Association
Canadian Philosophical Association, The
Canadian Physiotherapy Association
Canadian Psychiatric Association
Canadian Psychological Association
- CPhA
Canadian Pharmaceutical Association
- CPHA
Canadian Public Health Association
- CPS
Canadian Paediatric Society
Canadian Physiological Society, The
- CPSA
Canadian Political Science Association
- CPSE
Prince Edward Island Commission on Post-Secondary Education
- CRCD(C)
Collège royal des chirurgiens dentistes du Canada
- CRD
Conseil de recherches pour la défense
- CREAC
Conseil de la recherche en économie agricole du Canada
- CRM
Conseil de recherches médicales
- CRPUQ
Conférence des recteurs et des principaux des universités du Québec
- CSAA
Canadian Sociology and Anthropology Association
- CSAS
Canadian Society for Asian Studies
- CSBS
Canadian Society of Biblical Studies
- CSChE
Canadian Society for Chemical Engineering
- CSE
Conseil supérieur de l'éducation

CSEA Canadian Society for Education Through Art	DGES Direction générale de l'enseignement supérieur, Québec
CSF Canada Studies Foundation, The	DHEQ Directorate of Higher Education, Quebec
CSI Canadian Society for Immunology	DRB Defence Research Board
CSLA Canadian Society of Landscape Architects, The	EIC Engineering Institute of Canada, The
CSM Canadian Society of Microbiologists	ESC Entomological Society of Canada
CSPP Canadian Society of Plant Physiologists	ETRAC Educational Television and Radio Association of Canada
CSSHE Canadian Society for the Study of Higher Education	EUMC Entr'aide universitaire mondiale du Canada
CSWFB Canadian Society of Wildlife and Fishery Biologists, The	FCE Fédération canadienne des enseignants
CSZ Canadian Society of Zoologists	FCFDU Fédération canadienne des femmes diplômées des universités
CTC Canadian Teachers' Federation Canadian Theatre Centre	FCSB Fédération canadienne des sociétés de biologie
CTS Canadian Theological Society	FEC Fondation d'études du Canada, La
CUA Commission des universités de l'Alberta, La Committee on University Affairs (Ontario)	FIUC Fédération internationale des universités catholiques
CUCA Canadian University Counselling Association	FSJ Fondation sciences jeunesse
CUDBC Comité universitaire des directeurs de biologie du Canada	GAIA Graphic Arts Industries Association
CUO Conseil des universités de l'Ontario	HAC Humanities Association of Canada
CUP Canadian University Press	HEC New Brunswick Higher Education Commission
CUSO Canadian University Service Overseas	HRCC Humanities Research Council of Canada
CUTA Canadian University Theatre Association	IAC Institut agricole du Canada, L'
DEC Development Education Centre	IAPC Institut d'administration publique du Canada, L'

IASC Institut aéronautique et spatial du Canada, L'	NDEB National Dental Examining Board of Canada
IAU International Association of Universities	NRC National Research Council of Canada
ICAI Institut canadien des affaires internationales	NSC Nutrition Society of Canada
ICAP Institut canadien des affaires publiques, L'	OCUFA Ontario Confederation of University Faculty Associations
ICCA Institut canadien des comptables agréés, L' Institut de chimie du Canada, L'	OURA Ontario University Registrars' Association
ICEA Institut canadien d'éducation des adultes	PSC Pharmacological Society of Canada, The
ICF Institut canadien du film	PUC Presse universitaire canadienne
ICG Institut canadien de gestion	RAIC Royal Architectural Institute of Canada, The
ICI Institut canadien des ingénieurs, L'	RASC Royal Astronomical Society of Canada, The
IFCU International Federation of Catholic Universities	RCD(C) Royal College of Dentists of Canada
IICS Institut indo-canadien Shastri, L'	RSC Royal Society of Canada, The
IIEQ Institut international d'économie quantitative	SACU Service d'admission au collège et à l'université Service for Admission to College and University
IIQE International Institute of Quantitative Economics	SCB Société canadienne de biochimie, La
IPAC Institute of Public Administration of Canada, The	SCBE Société canadienne des biologistes de la faune, La
IPCUR Inter-Provincial Committee on University Rationalization	SCE Superior Council of Education
IRAC Institut royal d'architecture du Canada, L'	SCEA Société canadienne d'éducation par l'art
IVF Institut Vanier de la famille, L'	SCEB Société canadienne des études bibliques
MRC Medical Research Council	SCEC Société canadienne des études classiques
NDC National Design Council	SCECI Société canadienne d'éducation comparée et internationale, La

SCEES Société canadienne pour l'étude de l'enseignement supérieur, La	SPC Société de pharmacologie du Canada, La
SCGCh Société canadienne du génie chimique, La	SRAC Société royale d'astronomie du Canada, La
SCI Société canadienne d'immunologie, La	SRC Société royale du Canada, La
SCITEC Association des scientifiques, ingénieurs et technologistes du Canada, L' Association of the Scientific, Engineering and Technological Community of Canada, The	SSRCC Social Science Research Council of Canada
SCM Société canadienne des microbiologistes	SUCO Service universitaire canadien outre-mer
SCN Société canadienne de nutrition	SZC Société des zoologistes canadiens
SCOC Société canadienne d'orientation et de consultation	Tourbec Bureau de tourisme des étudiants du Québec, Le
SCP Société canadienne de pédiatrie Société canadienne de physiologie, La Société canadienne de psychologie	UAAC Universities Art Association of Canada
SCPV Société canadienne de physiologie végétale	UAPUO Union des associations des professeurs des universités de l'Ontario
SCSA Société canadienne de sociologie et d'anthropologie	UCPA University and College Placement Association
SCT Société canadienne de théologie	UGC Universities Grants Commission (Manitoba) University Grants Committee (Nova Scotia)
SEC Société entomologique du Canada, La	UNESCO Canadian Commission for UNESCO Commission canadienne pour l'UNESCO
SHC Société historique du Canada	USIC Union sportive interuniversitaire canadienne
SICI Shastri Indo-Canadian Institute	VIF Vanier Institute of the Family, The
SINE Society for Indian and Northern Education	WUSC World University Service of Canada
SMC Société mathématique du Canada Société météorologique du Canada	YSF Youth Science Foundation

**Index by key word or area of interest/
Index des mots-clefs ou des domaines d'intérêt**

Academic board

Academic Board for Higher Education in British Columbia

Accounting

Canadian Institute of Chartered Accountants, The

Administration

Association canadienne des sciences administratives

Association canadienne du personnel administratif universitaire

Conseil des doyens des facultés des sciences de la gestion et de l'administration du Canada

Institut d'administration publique du Canada, L'

Institute of Public Administration of Canada, The

Admission

Conseil d'admissions des universités de l'Ontario

Ontario Universities' Council on Admissions

Service d'admission au collège et à l'université

Service for Admission to College and University

Adult education

Canadian Association for Adult Education

Canadian Association of Departments of Extension and Summer Schools

Canadian Institute of Adult Education

Aeronautics - aerospace

Canadian Aeronautics and Space Institute

Aéronautique

Institut aéronautique et spatial du Canada, L'

Affaires publiques

Institut canadien des affaires publiques, L'

Africaines, études

Association canadienne des études africaines, L'

African studies

Canadian Association of African Studies

Agricultural economics

Agricultural Economics Research Council of Canada

Agriculture

Agricultural Institute of Canada

Institut agricole du Canada, L'

Aid	Assistance
Canadian International Development Agency	Agence canadienne de développement international
Allemand	Astronomie
Association des professeurs d'allemand des universités canadiennes, L'	Société royale d'astronomie du Canada, La
Américaines, études	Astronomy
Association canadienne d'études américaines	Royal Astronomical Society of Canada, The
American studies	Atlantic universities
Canadian Association for American Studies	Association of Atlantic Universities
Anatomie	Atlantique, universités
Association canadienne des anatomistes	Association des universités de l'Atlantique, L'
Anatomy	Awards
Canadian Association of Anatomists	Canadian Association of Student Awards Administrators
Anglais	Biblical studies
Association des professeurs d'anglais des universités canadiennes	Canadian Society of Biblical Studies
Anthropologie	Bibliothéconomie
Société canadienne de sociologie et d'anthropologie	Association canadienne des bibliothécaires de langue française
Anthropology	Association canadienne des bibliothèques de collège et d'université
Canadian Sociology and Anthropology Association	Association canadienne des écoles de bibliothécaires
Architecture	Association des archivistes médicales du Canada
Association des architectes paysagistes du Canada	Conseil canadien des écoles de bibliothécaires
Canadian Conference of University Schools of Architecture	Bibliques, études
Canadian Society of Landscape Architects	Société canadienne des études bibliques
Institut royal d'architecture du Canada, L'	Biochemistry
Royal Architectural Institute of Canada, The	Canadian Biochemical Society
Art	Biochimie
Association canadienne d'art universitaire	Société canadienne de biochimie, La
Canadian Society for Education Through Art	Biologie
Société canadienne d'éducation par l'art	Comité universitaire des directeurs de biologie du Canada
Universities Art Association of Canada	Conseil canadien de biologie
Art dentaire	Fédération canadienne des sociétés de biologie
Association dentaire canadienne, L'	Société canadienne des biologistes de la faune, La
Association des facultés dentaires du Canada, L'	Biology
Bureau national d'examen dentaire du Canada	Biological Council of Canada
Collège royal des chirurgiens dentistes du Canada	Canadian Committee of University Biology Chairmen
Arts	Canadian Federation of Biological Societies
Canada Council, The	Canadian Society of Wildlife and Fishery Biologists, The
Conseil des arts du Canada, Le	Botanique
Asian studies	Association botanique du Canada, L'
Canadian Society for Asian Studies	Botany
Asiatiques, études	Canadian Botanical Association, The
Association canadienne des études asiatiques	

Business, business administration

Canadian Association of Administrative Sciences

Canadian Association of University Business Officers

Council of Deans of Faculties of Management and Business Administration of Canada

CEGEP

Fédération des CEGEP

Chemical engineering

Canadian Society for Chemical Engineering

Chemistry

Chemical Institute of Canada, The

Chimie

Institut de chimie du Canada, L'

Classics

Classical Association of Canada

Classiques

Société canadienne des études classiques

Collèges communautaires

Association des collèges communautaires du Canada

Collèges privés

Association des collèges du Québec

Commonwealth

Association of Commonwealth Universities, The

Community colleges

Association of Canadian Community Colleges

Comptabilité

Institut canadien des comptables agréés, L'

Conservation

Canadian Wildlife Federation

Fédération canadienne de la faune

Coopération internationale

Conseil canadien pour la coopération internationale

Counselling

Canadian Guidance and Counselling Association

Canadian University Counselling Association

Defence

Defence Research Board

Défense

Conseil de recherches pour la défense

Dentistry

Association of Canadian Faculties of Dentistry, The

Canadian Dental Association

National Dental Examining Board of Canada

Royal College of Dentists of Canada

Development

Canadian Association of University Development Officers

Développement

Association des dirigeants du service de développement des universités canadiennes

Dietetics

Canadian Dietetic Association, The

Diététique

Association canadienne des diététistes, L'

Droit

Association canadienne des professeurs de droit

Comité des doyens de droit du Canada

Economics

Canadian Economics Association, The

International Institute of Quantitative Economics

Économie

Association canadienne d'économie, L'

Institut international d'économie quantitative

Économie agricole

Conseil de la recherche en économie agricole du Canada

Education – Éducation

Association canadienne d'éducation, L'

Association canadienne d'éducation de langue française

Association canadienne des chercheurs en éducation

Association canadienne des doyens et directeurs de faculté de pédagogie

Association canadienne des professeurs d'éducation

Bureau canadien de l'éducation internationale

Canada Studies Foundation, The

Canadian Association for Adult Education

Canadian Association of Deans and Directors of University Faculties of Education

Canadian Association of Professors of Education

Canadian Bureau for International Education

Canadian Council for Research in Education

Canadian Education Association, The

Canadian Educational Researchers Association

Centre pour l'éducation de développement

Commission on Post-Secondary Education in Ontario

Commission sur la formation postsecondaire en Ontario

Comparative and International Education Society of Canada

Conseil canadien pour la recherche en éducation

Conseil des ministres de l'éducation, Canada	Environnement
Conseil supérieur de l'éducation	Association des facultés canadiennes d'études de conditionnement du milieu
Council of Ministers of Education, Canada	Conseil national de l'esthétique industrielle
Development Education Centre	
Division of Educational Services, Lutheran Council in Canada	Ergothérapie
Fondation des études du Canada, La	Association canadienne des ergothérapeutes
Prince Edward Island Commission on Post-Secondary Education	
Secrétariat d'État, Direction de l'aide à l'éducation	Facultés
Secretary of State, Department of the, Education Support Branch	Union des associations des professeurs des universités de l'Ontario
Services de l'éducation, Conseil luthérien au Canada	
Société canadienne d'éducation comparée et internationale	Faculty
Statistics Canada, Education Division	Ontario Confederation of University Faculty Associations
Statistique Canada, Division de l'éducation	
Superior Council of Education	Famille
	Institut Vanier de la famille, L'
Éducation des adultes	
Association des services d'éducation des adultes et écoles d'été des universités du Canada	Family
Institut canadien des adultes	Vanier Institute of the Family, The
Éducation physique	Femmes diplômées
Association canadienne des directeurs athlétiques universitaires	Fédération canadienne des femmes diplômées des universités
Association canadienne pour la santé, l'éducation physique et la récréation, L'	
Association des doyens et des directeurs de facultés, d'écoles et de départements d'éducation	Film
physique des universités canadiennes, L'	Canadian Film Institute
Union sportive interuniversitaire canadienne	Institut canadien du film
Engineering	Foresterie
Association of Consulting Engineers of Canada	Association forestière canadienne
Association of the Scientific, Engineering and Technological Community of Canada, The	
Canadian Council of Professional Engineers	Forestry
Canadian Medical and Biological Engineering Society	Canadian Forestry Association
Engineering Institute of Canada, The	
National Committee of Deans of Engineering and Applied Science	Français
	Association des professeurs de français des universités canadiennes
English	
Association of Canadian University Teachers of English	French
Canadian Council of Teachers of English	Association of Canadian University Teachers of French
Enseignement supérieur	Génie
Commission de l'enseignement supérieur du Nouveau-Brunswick	Association des ingénieurs-conseils du Canada
Société canadienne pour l'étude de l'enseignement supérieur, La	Association des scientifiques, ingénieurs et technologistes du Canada, L'
	Comité national des doyens de génie et sciences appliquées
Entomologie	Conseil canadien des ingénieurs
Société entomologique du Canada, La	Institut canadien des ingénieurs, L'
Entomology	Génie chimique
Entomological Society of Canada	Société canadienne du génie chimique, La
Environment	Génie minier
Association of Canadian Faculties of Environmental Studies	Institut canadien des mines et de la métallurgie, L'
National Design Council	
	Géographie
	Association canadienne des géographes, L'
	Société géographique royale du Canada, La

Geography

Canadian Association of Geographers, The
Royal Canadian Geographical Society, The

German

Canadian Association of University Teachers of German

Gestion

Institut canadien de gestion

Graduate studies

Canadian Association of Graduate Schools

Grants

Advisory Board for the Division of University Grants in British Columbia

Universities Grants Commission (Manitoba)

University Grants Committee (Nova Scotia)

Graphic arts

Graphic Arts Industries Association

Higher education

Academic Board for Higher Education in British Columbia

Canadian Society for the Study of Higher Education

New Brunswick Higher Education Commission

Hispanistes

Association des hispanistes du Canada

Hispanists

Canadian Association of Hispanists

Histoire

Société historique du Canada

History

Canadian Historical Association

Home economics

Canadian Home Economics Association

Humanités

Association canadienne des humanités

Conseil canadien de recherches sur les humanités, Le

Humanities

Humanities Association of Canada

Humanities Research Council of Canada

Immunologie

Société canadienne d'immunologie, La

Immunology

Canadian Society for Immunology

Indian education

Society for Indian and Northern Education

Industries graphiques

Association des industries graphiques

Information

Association des bureaux d'information des universités du Canada

Association of Canadian University Information Bureaus

International co-operation, international relations

Canadian Council for International Co-operation

Canadian Institute of International Relations

Latin American studies

Canadian Association of Latin American Studies

Latino-américaines, études

Association canadienne des études latino-américaines

Law

Association of Canadian Law Teachers

Committee of Canadian Law Deans

Library

Canadian Association of College and University Libraries

Canadian Association of Library Schools

Canadian Association of Medical Record Librarians

Canadian Council of Library Schools

Canadian Library Association

Linguistics

Canadian Linguistic Association

Linguistique

Association canadienne de linguistique

Management

Canadian Institute of Management

Mathematics

Canadian Mathematical Congress

Mathématiques

Société mathématique du Canada

Médecine

Association des facultés de médecine du Canada

Association des médecins de langue française du Canada

Association médicale canadienne, L'

Collège royal des médecins et chirurgiens du Canada, Le

Conseil de recherches médicales

Médecine vétérinaire

Association des facultés de médecine vétérinaire du Canada, L'

Media – Média

Association canadienne de radio et de télévision éducatives, L'
Educational Television and Radio Association of Canada

Medicine

Association of Canadian Medical Colleges
Canadian Association of Teachers of Social and Preventive
Medicine
Canadian Medical Association, The
Medical Research Council
Royal College of Physicians and Surgeons of Canada, The

Météorologie

Société météorologique du Canada

Meteorology

Canadian Meteorological Society

Microbiologie

Société canadienne des microbiologistes

Microbiology

Canadian Society of Microbiologists

Mining

Canadian Institute of Mining and Metallurgy, The

Musées

Association des musées canadiens

Museums

Canadian Museums Association

Music

Canadian Association of University Schools of Music
Canadian Music Council

Musique

Association canadienne des écoles universitaires de musique
Conseil canadien de la musique

Néerlandaises, études

Association canadienne pour le développement des études néerlan-
daises, L'

Netherlandic studies

Canadian Association for the Advancement of Netherlandic
Studies

Nucléaire

Association nucléaire canadienne

Nuclear

Canadian Nuclear Association

Nursing

Association canadienne des écoles universitaires de nursing
Association des infirmières canadiennes
Canadian Association of University Schools of Nursing
Canadian Nurses' Association

Nutrition

Nutrition Society of Canada
Société canadienne de nutrition

Occupational therapy

Canadian Association of Occupational Therapists

Octrois

Commission des octrois aux universités (Manitoba), La

Optométrie

Association canadienne des optométristes
Association des écoles d'optométrie du Canada

Optometry

Association of Schools of Optometry of Canada
Canadian Association of Optometrists

Orientation

Association canadienne de counseling universitaire
Société canadienne d'orientation et de consultation

Paediatrics

Canadian Paediatric Society

Pathologie

Association canadienne des pathologistes

Pathology

Canadian Association of Pathologists

Pédiatrie

Société canadienne de pédiatrie

Pétrole

Association canadienne pétrolière

Petroleum

Canadian Petroleum Association

Pharmacie

Association des doyens de pharmacie du Canada, L'
Association des facultés de pharmacie du Canada
Association pharmaceutique canadienne, L'

Pharmacologie

Société de pharmacologie du Canada, La

Pharmacology

Pharmacological Society of Canada, The

Pharmacy

Association of Deans of Pharmacy of Canada, The
 Association of Faculties of Pharmacy of Canada
 Canadian Pharmaceutical Association

Philosophie

Association canadienne de philosophie, L'

Philosophy

Canadian Philosophical Association, The

Physical education

Canadian Association for Health, Physical Education and Recreation
 Canadian Association of University Athletic Directors
 Canadian Association of University Deans, Directors and Chairmen of Faculties, Schools and Departments of Physical Education
 Canadian Intercollegiate Athletic Union

Physics

Canadian Association of Physicists

Physiologie

Société canadienne de physiologie, La

Physiologie végétale

Société canadienne de physiologie végétale

Physiology

Canadian Physiological Society, The

Physiothérapie

Association canadienne de physiothérapie, L'

Physiotherapy

Canadian Physiotherapy Association

Physique

Association canadienne des physiciens

Placement

Association de placement universitaire et collégial
 University and College Placement Association

Plant physiology

Canadian Society of Plant Physiologists

Political science

Canadian Political Science Association

Press

Canadian University Press

Presse

Presse universitaire canadienne

Professeurs

Association canadienne des professeurs d'université
 Association des professeurs d'anglais des universités canadiennes
 Association des professeurs de français des universités canadiennes
 Collège canadien des enseignants, Le
 Fédération canadienne des enseignants

Psychiatrie

Association des psychiatres du Canada

Psychiatry

Canadian Psychiatric Association

Psychologie

Société canadienne de psychologie

Psychology

Canadian Psychological Association

Public affairs

Canadian Institute on Public Affairs

Public health

Canadian Public Health Association.

Rationalization

Inter-Provincial Committee on University Rationalization

Recherches

Conseil de recherches médicales
 Conseil de recherches pour la défense
 Conseil des arts du Canada, Le
 Conseil national de recherches du Canada, Le

Recteurs

Conférence des recteurs et des principaux des universités du Québec

Rectors

Conference of Rectors and Principals of Quebec Universities

Registres

Association des registres des universités et collèges du Canada
 Association des registres d'universités de l'Ontario

Registrars

Association of Registrars of Universities and Colleges of Canada
 Ontario University Registrars' Association

Relations internationales

Centre canadien de relations internationales

Research

Canada Council, The
 Defence Research Board
 Medical Research Council
 National Research Council of Canada

Rhodes

Association canadienne des boursiers Rhodes
 Canadian Association of Rhodes Scholars
 Fondation des bourses Rhodes, La
 Rhodes Scholarship Trust, The

Santé publique

Association canadienne de santé publique, L'

Science politique

Association canadienne de science politique, L'

Sciences

Association canadienne-française pour l'avancement des sciences
 Atlantic Provinces Inter-University Committee on the Sciences
 Conseil national de recherches du Canada, Le
 Fondation sciences jeunesse
 National Research Council of Canada
 Youth Science Foundation

Sciences sociales

Conseil canadien de recherche en sciences sociales

Service aux étudiants

Conseil des associations des services universitaires aux étudiants

Service social

Association canadienne des écoles de service social
 Association canadienne des travailleurs sociaux

Shastri

Institut indo-canadien Shastri, L'
 Shastri Indo-Canadian Institute

Slavistes

Association canadienne des slavistes

Slavists

Canadian Association of Slavists

Social science

Social Science Research Council of Canada

Social work

Canadian Association of Schools of Social Work
 Canadian Association of Social Workers

Sociologie

Société canadienne de sociologie et d'anthropologie

Sociology

Canadian Sociology and Anthropology Association

Statistics

Statistics Canada, Education Division

Statistique

Statistique Canada, Division de l'éducation

Student services

Council of Associations of University Student Personnel Services

Supérieures, études

Association canadienne des facultés et écoles des études supérieures

Sylviculture

Association forestière canadienne

Teachers

Association of Canadian University Teachers of English
 Association of Canadian University Teachers of French
 Canadian Association of University Teachers
 Canadian College of Teachers, The
 Canadian Council of Teachers of English
 Canadian Teachers' Federation

Theatre

Canadian Theatre Centre
 Canadian University Theatre Association

Théâtre

Association canadienne du théâtre universitaire
 Centre canadien du théâtre

Théologie

Société canadienne de théologie

Theology

Canadian Theological Society

Tourisme

Tourbec Inc.

UNESCO

Canadian Commission for UNESCO
 Commission canadienne pour l'UNESCO

Universités

Association des universités de l'Atlantique, L'
 Association des universités et collèges du Canada
 Association des universités partiellement ou entièrement de langue française
 Association internationale des universités
 Comité sur les affaires universitaires (Ontario)
 Commission des universités de l'Alberta, La
 Conseil des universités (Québec)
 Conseil des universités de l'Ontario
 Entr'aide universitaire mondiale du Canada
 Fédération internationale des universités catholiques
 Service universitaire canadien outre-mer

Universities

Alberta Universities Commission, The
Association of Atlantic Universities
Association of Universities and Colleges of Canada
Association of Wholly or Partially French-Language Universities
Canadian University Service Overseas
Committee on University Affairs (Ontario)
Council of Ontario Universities
Council of Universities (Quebec)
International Association of Universities
International Federation of Catholic Universities
World University Service of Canada

University women

Canadian Federation of University Women

Urbaines, recherches

Conseil canadien de recherches urbaines et régionales

Urban research

Canadian Council on Urban and Regional Research

Veterinary medicine

Association of Faculties of Veterinary Medicine in Canada, The

Wildlife

Canadian Wildlife Federation

Zoologie

Société des zoologistes canadiens

Zoology

Canadian Society of Zoologists

Le texte français se trouve à la suite/French text follows

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Advisory Board for the Division of University Grants in British Columbia, 1308 W. 48th Ave., Vancouver 13, B.C. Chairman: Mr. W.G. Rathie.

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Agricultural Institute of Canada (Institut agricole du Canada, L'), 907, 151 Slater St., Ottawa, Ont. K1P 5H4. President: Mr. P.W. Couse, vice-president, seed division, Maple Leaf Mills Ltd., Box 370, Station A, 417 Queen's Quay W., Toronto 116, Ont. General manager: Mr. W.E. Henderson.

Alberta Universities Commission, The (Commission des universités de l'Alberta, La), 202 The Sir John Franklin, 11111 – 87 Ave., Edmonton, Alta. T6G 0X9. Chairman: Mr. H.G. Thomson. Secretary: Mr. H.W. Ford.

Association of Atlantic Universities (Association des universités de l'Atlantique, L'), P.O. Box 24, Halifax, N.S. President: Msgr. Donald Duffie, president, St. Thomas University, Fredericton, N.B. Executive director: Mr. Jeffrey Holmes.

Association of Canadian Community Colleges (Association des collèges communautaires du Canada), 845 Ste-Croix Boulevard, St-Laurent, Montreal 379, Que. President: Dr. Walter Pentz, president, Mount Royal College, 7th Ave. and 11th St. S.W., Calgary 2, Alta. Executive director: Mr. Jacques Fournier.

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Association of Commonwealth Universities, The, 36 Gordon Square, London, England, WC1H 0PF. Chairman: Prof. T.H.B. Symons, chairman, Commission on Canadian Studies, 314 Rubidge St., Peterborough, Ont. Secretary-general: Sir Hugh Springer.

Association of Consulting Engineers of Canada (Association des ingénieurs-conseils du Canada), suite 616, 130 Albert St., Ottawa, Ont. K1P 5G4. President: Mr. E.G.A. Jorgensen, Giffels, Davis & Jorgensen Ltd., 60 Adelaide St. E., Toronto 210, Ont. General manager: Mr. H.R. Pinault.

*Association of Deans of Pharmacy of Canada, The (Association des doyens de pharmacie du Canada, L'), 175 College St., Toronto 2B, Ont. President: Dean M.J. Houston, faculty of pharmacy and pharmaceutical sciences, The University of Alberta, Edmonton, Alta. Secretary-treasurer: Dr. B.E. Riedel, faculty of pharmaceutical sciences, The University of British Columbia, Vancouver 8, B.C.

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*Association of Faculties of Veterinary Medicine in Canada, The (Association des facultés de médecine vétérinaire du Canada, L'). President: Dr. Calvin Hamilton, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, Sask. S7N 0W0. Secretary: Dr. R.S. Butler, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, Sask. S7N 0W0.

*Association of Registrars of Universities and Colleges of Canada (Association des registraires des universités et collèges du Canada). President: Mr. J.P. Schuller, assistant registrar, McGill University, Montreal 101, Que. Secretary: Mr. J. Dorgan, registrar, University of Saskatchewan, Saskatoon, Sask.

*Associate member, AUCC.

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Association of the Scientific, Engineering and Technological Community of Canada, The (Association des scientifiques, ingénieurs et technologues du Canada, L'), suite 202, Burnside Bldg., 151 Slater St., Ottawa, Ont. K1P 5H3. President: Mr. W.G. McKay, Underwood McLellan & Associates Limited, 1222 Richardson Bldg., 1 Lombard Place, Winnipeg 2, Man. Executive director: Mr. John Harcourt.

Association of Universities and Colleges of Canada (Association des universités et collèges du Canada), 151 Slater St., Ottawa, Ont. K1P 5N1. President of the board of directors: Mr. Louis-Philippe Bonneau. Executive director: Dr. Colin Mackay.

Association of Wholly or Partially French-Language Universities (Association des universités partiellement ou entièrement de langue française), Université de Montréal, boîte postale 6128, Montréal 101 (Qué.). President: M. Claude Renard, vice-président, Conseil d'administration, Université de Liège, Belgique. Secretary: Mr. Jean-Marc Léger.

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Canada Studies Foundation, The (Fondation des études du Canada, La), 252 Bloor St. W., Toronto 5, Ont. Co-directors: Mr. A.B. Hodgetts; Dr. G.S. Tomkins. Secretary: Miss Cheryl Nesbitt.

Canadian Aeronautics and Space Institute (Institut aéronautique et spatial du Canada, L'), Commonwealth Bldg., 77 Metcalfe St., Ottawa, Ont. K1P 5L6. President: Mr. W.T. Heaslip, vice-president, engineering, The de Havilland Aircraft of Canada Ltd., Downsview, Ont. Secretary-treasurer: Mr. H.C. Luttman.

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314 Stong College, York University, Downsview, Ont. Secretary: Prof. Ernest Redekop, dept. of English, The University of Western Ontario, London 72, Ont.

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Canadian Association of Anatomists (Association canadienne des anatomistes). President: Dr. A.D. Dickson, division of morphological science, The University of Calgary, Calgary, Alta. T2N 1N4. Secretary: M. Réal Gagnon, département d'anatomie, faculté de médecine, Université de Montréal, b.p. 6128, Montréal 101 (Qué.).

*Canadian Association of College and University Libraries (Association canadienne des bibliothèques de collège et d'université), c/o Canadian Library Association, 151 Sparks St., Ottawa, Ont. K1P 5E3. President: Mrs. Margaret Beckman, chief librarian, University of Guelph, Guelph, Ont. Secretary: Mr. John North, college librarian, Mount Royal College, Calgary, Alta.

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*Associate member, AUCC.

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*Canadian Association of Departments of Extension and Summer Schools (Association des services d'éducation des adultes et écoles d'été des universités du Canada). President: Mr. R.S. Chapman, associate director, division of continuing education, The University of Calgary, 2920 24th Ave. N.W., Calgary, Alta. T2N 1N4. Secretary: Mr. L.E. Devlin, director, division of continuing education, University of Victoria, Victoria, B.C.

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Canadian Association of Medical Record Librarians (Association des archivistes médicales du Canada), 770 Glenforest St., Ottawa, Ont. President: Mrs. Pauline Boucher, The Moncton Hospital, Moncton, N.B. Executive director: Mrs. Janet Milner.

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Canadian Association of Pathologists (Association canadienne des pathologistes). President: Dr. P.W. Davey, Royal Alexandra Hospital, Edmonton, Alta. Secretary: Dr. D.W. Penner, dept. of pa-

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Canadian Association of Rhodes Scholars (Association canadienne des boursiers Rhodes, L'). c/o United Community Fund of Greater Toronto, 8th floor, 180 Wellington St. W., Toronto 135, Ont. President: Mr. Clarence Campbell, president, National Hockey League, 922 Sun Life Bldg., Montreal 110, Que. Secretary: Mr. Hugh Morrison.

*Canadian Association of Schools of Social Work (Association canadienne des écoles de service social), room 203, 151 Slater St., Ottawa, Ont. K1P 5H3. President: Prof. C.G. Gifford, director, school of social work, The University of Manitoba, Winnipeg, Man. R3T 2N2. Executive director: Miss Marguerite Mathieu.

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Canadian Association of Social Workers (Association canadienne des travailleurs sociaux), suite 400, 55 Parkdale Ave., Ottawa, Ont. K1Y 1E5. President: Dr. Albert Rose, dean, faculty of social work, University of Toronto, Toronto 181, Ont. Executive director: Mr. Anthony Gray.

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Canadian Association of Teachers of Social and Preventive Medicine. President: Dr. John Last, dept. of epidemiology and community medicine, University of Ottawa, Royal Ottawa Hospital, 1145 Carling Ave., Ottawa, Ont. K1Z 7K4. Secretary: Prof. John Owen, faculty of medicine, University of Saskatchewan, Saskatoon, Sask. S7N 0W0.

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*Canadian Association of University Schools of Nursing (Association canadienne des écoles universitaires de nursing), 1200 – 151 Slater St., Ottawa, Ont. K1P 5N1. President: Miss Elizabeth Logan, school of nursing, McGill University, 3506 University St., Montreal, Que. Executive secretary: Mrs. Eileen Mountain.

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Canadian Association of University Teachers (Association canadienne des professeurs d'université), 66 Lisgar St., Ottawa, Ont. K2P 0C1. President: Prof. C.C. Bigelow. Executive secretary: Prof. Alwyn Berland.

Canadian Association of University Teachers of German (Association des professeurs d'allemand des universités canadiennes, L'). President: Dr. J.B. MacLean, dept. of German, University of Victoria, Victoria, B.C. Secretary: Dr. R. Symington, dept. of German, University of Victoria, Victoria, B.C.

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Canadian College of Teachers, The (Collège canadien des enseignants, Le), 39 Leacock Way, box 760, Kanata, Ont. President: Mr. S.D. Patterson, box 220, Rothesay, N.B. Secretary-treasurer: Mr. S.R. Berry.

Canadian Commission for Unesco (Commission canadienne pour l'Unesco), room 502, La Promenade, 151 Sparks St., Ottawa, Ont. K1P 5E3. President: Dr. L.H. Cragg, president, Mount Allison University, Sackville, N.B. Secretary-general: Mr. David Bartlett.

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Canadian Council of Professional Engineers (Conseil canadien des ingénieurs), room 401, 116 Albert St., Ottawa, Ont. K1P 5G3. President: Mr. D.C. Lambert, G.T.E. Lenkurt Electric (Canada) Limited, 7018 Lougheed Hwy., Burnaby 2, B.C. General manager: Mr. L.M. Nadeau.

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Canadian Council on Urban and Regional Research (Conseil canadien de recherches urbaines et régionales), suite 511, 151 Slater St., Ottawa, Ont. K1P 5H3. President: Prof. Allan O'Brien, dept. of political science, The University of Western Ontario, London 72, Ont. Secretary-treasurer (pro tem): Mr. Alan Armstrong. Executive officer: Mr. Robert Cournoyer.

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Canadian Dietetic Association, The (Association canadienne des diététistes, L'), suite 215, 1393 Yonge St., Toronto 290, Ont. President: Miss Joan Stewart, director of dietetics, Victoria General Hospital, Halifax, N.S. Secretary: Miss Dola Ann AuCoin, nutrition division, Nova Scotia Department of Health, Provincial Bldg., Halifax, N.S.

Canadian Economics Association, The (Association canadienne d'économique, L'). President: Prof. C.L. Barber, dept. of economics, The University of Manitoba, Winnipeg, Man. R3E 0W3. Secretary-treasurer: Prof. Gilles Paquet, dept. of economics, Carleton University, Ottawa, Ont. K1S 5B6.

Canadian Education Association, The (Association canadienne d'éducation, L'), 252 Bloor St. W., Toronto 5, Ont. President: Dr. H.M. Nason, deputy minister and chief director of education, Department of Education, Halifax, N.S. Executive secretary: Dr. F.K. Stewart.

Canadian Educational Researchers Association (Association canadienne des chercheurs en éducation), c/o Canadian Council for Research in Education, suite 220, 227 Laurier Ave. W., Ottawa, Ont. K1P 5J7. President: Dr. D. Friesen, dept. of educational administration, The University of Alberta, Edmonton, Alta. T6G 2H4.

Canadian Federation of Biological Societies (Fédération canadienne des sociétés de biologie). Chairman: Dr. A. Schon, dept. of immunology, The University of Manitoba, Winnipeg, Man. R3E 0W3. Honorary secretary: Dr. D.T. Armstrong, dept. of physiology, The University of Western Ontario, London 72, Ont.

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Canadian Film Institute (Institut canadien du film), 1762 Carling Ave., Ottawa, Ont. K2A 2H7. President: Mr. Jean Clavel, Public and Industrial Relations, 1808 Sherbrooke St. W., Montreal, Que. Executive director: Mr. Gordon Noble.

Canadian Forestry Association (Association forestière canadienne), 185 Somers St. W., Ottawa, Ont. K2P 0J2. President: Mr. Perry Bower. Executive director: Mr. A.D. Hall.

Canadian Guidance and Counselling Association (Société canadienne d'orientation et de consultation), suite 302, 1000 Yonge St., Toronto 289, Ont. President: Dr. John Paterson, dept. of educational psychology, The University of Alberta, Edmonton, Alta. T6G 2H4. Treasurer: Mr. R.C. Fobert.

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Canadian Institute of Chartered Accountants, The (Institut canadien des comptables agréés, L'), 250 Bloor St. E., Toronto 285, Ont. President: Mr. A.J. Little, Clarkson, Gordon & Co., P.O. Box 251, Royal Trust Tower, Toronto-Dominion Centre, Toronto 111, Ont. Executive director: Mr. R.D. Thomas.

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Canadian Institute of Management (Institut canadien de gestion), room 303, 51 Eglinton Ave. E., Toronto 315, Ont. President: Mr. J.A. Viau, Radio Canada, 1400 Dorchester St. E., Montreal, Que. Executive secretary: Mr. E.C. Luke.

Canadian Institute of Mining and Metallurgy, The (Institut canadien des mines et de la métallurgie, L'), 906 – 1117 St. Catherine St. W., Montreal 110, Que. President: Mr. J.H. Schloen, president, Canadian Copper Refiners Limited, P.O. Box 338, Place d'Armes, Montreal 126, Que. Executive director: Mr. E.G. Tapp.

Canadian Institute on Public Affairs (Institut canadien des affaires publiques, L'), Box 952, Postal Station Q, Toronto 7, Ont. President: Mr. Michael Hind-Smith, vice-president, Foster Advertising Lt 40 St. Clair Ave. W., Toronto 7, Ont. Secretary: Mr. Ivon Owen, manager, Canadian Branch, Oxford University Press, 70 Wynford Dr., Don Mills, Ont.

*Canadian Intercollegiate Athletic Union (Union sportive interuniversitaire canadienne), 333 River Rd., Vanier City, Ont. K1L 8B9. President: Mr. Carl Totzke, director of athletics, University of Waterloo, Waterloo, Ont. Executive director: Mr. Bob Pugh.

Canadian International Development Agency (Agence canadienne de développement international), Jackson Bldg., 122 Bank St., Ottawa, Ont. K1A 0G4. President: Mr. Paul Gérin-Lajoie.

Canadian Library Association, 151 Sparks St., 9th floor, Ottawa, Ont. K1P 5E3. President: Mr. H.H. Easton, city librarian, Winnipeg Public Library, 380 William Ave., Winnipeg 2, Man. Executive director: Mr. Bernard McNamee.

Canadian Linguistic Association (Association canadienne de linguistique). President: Prof. R. Gregg, dept. of linguistics, The University of British Columbia, Vancouver 8, B.C. Secretary: M. Guy Plastre, faculté des lettres, Université Laval, Pavillon de Koninck 0277, Québec 10^e (Qué.).

Canadian Mathematical Congress (Société mathématique du Canada). President: Dr. G.F.D. Duff, head, dept. of mathematics, University of Toronto, Toronto 181, Ont. English-language secretary: Rev. R.E. O'Connor, Thomas More Institute, 3421 Drummond St., Montreal 109, Que. French-language secretary: Prof. J.L. Lavoie, département de mathématiques, Université Laval, Québec 10^e (Qué.).

Canadian Medical and Biological Engineering Society. President: Mr. David Winter, associate director, prosthetics, orthotics program, Shriners Hospital, 633 Wellington Cres., Winnipeg. Man. Secretary: Mr. H. Callan, Department of National Health and Welfare, Brooke Claxton Bldg., Ottawa, Ont. K1A 0K9.

Canadian Medical Association, The (Association médicale canadienne, L'), Box 8650, 1867 Alta Vista Drive, Ottawa, Ont. K1G 0G8. President: Dr. G. Gingras, 6300 Darlington Ave., Montreal 251, Que. Secretary-general: Dr. J.D. Wallace.

Canadian Meteorological Society (Société météorologique du Canada), P.O. Box 41, Willowdale, Ont. President: Mr. G.A. McKay. Secretary: Mr. G.A. McPherson.

Canadian Museums Association (Association des musées canadiens), 56 Sparks St., Ottawa, Ont. K1P 5A9. President: Mr. T.R. Broadland. Secretary: Mr. Donald Smithies.

Canadian Music Council (Conseil canadien de la musique). President: Prof. François Bernier, head, dept. of music, University of Ottawa, 180 Waller St., Ottawa, Ont. K1N 6N5. Secretary: Mr. John Cozens, 188 Elmwood Ave., Willowdale, Ont.

Canadian Nuclear Association (Association nucléaire canadienne), suite 1002, 11 Adelaide St. W., Toronto 111, Ont. President: Mr. W.M. Gilchrist, president, Eldorado Nuclear Limited, suite 800, 151 Slater St., Ottawa, Ont. K1P 5H5. General manager: Mr. James Weller.

Canadian Nurses' Association (Association des infirmières canadiennes), 50 The Driveway, Ottawa, Ont. K2P 1E2. President: Miss Marguerite Schumacher. Executive director: Dr. Helen Mussallem.

Canadian Paediatric Society (Société canadienne de pédiatrie). President: Dr P.P. Demers, directeur, département de pédiatrie, Université de Sherbrooke, Centre hospitalier universitaire, Sherbrooke (Qué.). Executive secretary: Dr Victor Marchessault, division des sciences cliniques, Université de Sherbrooke, Centre hospitalier universitaire, Sherbrooke (Qué.).

Canadian Petroleum Association (Association canadienne pétrolière), 400 – 130 Albert St., Ottawa, Ont. K1P 5G4; 625 – 404 Sixth Ave. S.W. Calgary, Alta. T2P 0R9. Secretary-treasurer: Mr. R.J. Frocklage (Calgary, Alta.). Managing director: Mr. D.B. Furlong (Ottawa, Ont.).

Canadian Pharmaceutical Association (Association pharmaceutique canadienne, L'), 175 College St., Toronto 2B, Ont. President: Mr. C.J. Meagher. Executive director: Mr. J.C. Turnbull.

Canadian Philosophical Association. The (Association canadienne de philosophie, L'). President: Prof. Gilles Cazabon, faculty of philosophy, University of Ottawa, Ottawa, Ont. K1N 6N5. Secretary: Prof. Robert Binkley, dept. of philosophy, The University of Western Ontario, London 72, Ont.

Canadian Physiological Society, The (Société canadienne de physiologie, La). President: Dr. Hugh McLennan, dept. of physiology, The University of British Columbia, Vancouver 8, B.C. Secretary: Dr. John Ledsome, dept. of physiology, The University of British Columbia, Vancouver 8, B.C.

Canadian Physiotherapy Association (Association canadienne de physiothérapie, L'), 25 Imperial St., Toronto 197, Ont. President: Mrs. Moira Reed-Davis. Executive director: Miss Marion Leslie.

Canadian Political Science Association (Association canadienne de science politique, L'). President: Prof. Jean Laponce, dept. of political science, The University of British Columbia, Vancouver 8, B.C. Secretary: Prof. John Trent, c/o University of Ottawa, 30 Stewart St., Ottawa, Ont. K1N 6N5.

Canadian Psychiatric Association (Association des psychiatres du Canada), suite 103, 225 Lisgar St., Ottawa, Ont. K2P 0C6. President: Dr. M.N. Beck, 159 Kent St., Charlottetown, P.E.I. Executive secretary: Mrs. Léa Métivier.

Canadian Psychological Association (Société canadienne de psychologie), suite 46, 1390 Sherbrooke St. W., Montreal 109, Que. President: Dr. Arthur Sullivan, dept. of psychology, Memorial University of Newfoundland, St. John's, Nfld. Secretary-treasurer: Miss Suzanne Edwards.

Canadian Public Health Association (Association canadienne de santé publique, L'), 1255 Yonge St., Toronto, Ont. President: Dr J.M. Fredette, Registre de la population, Ministère des affaires sociales, 845, rue Joffre, Québec (Qué.). Executive director: Mr. C.D. Noble.

Canadian Society for Asian Studies (Association canadienne des études asiatiques). President: Dr. E.G. Pulleyblank, dept. of Asian studies, The University of British Columbia, Vancouver 8, B.C. Secretary: Dr. E.L. Tepper, dept. of political science, Carleton University, Ottawa, Ont. K1S 5B6.

Canadian Society for Chemical Engineering (Société canadienne du génie chimique, La), suite 906, 151 Slater St., Ottawa, Ont. K1P 5H3. President: Mr. J.L. Smart, vice-president, Canadian Bechtel Limited, Toronto, Ont. General manager: Mr. T.H.G. Michael.

Canadian Society for Education Through Art (Société canadienne d'éducation par l'art), 451 Park St. W., Windsor 12, Ont. President: Dr. L. Groome, University of Saskatchewan, Regina Campus, Regina, Sask. Secretary-general: Mr. Garnet Humphrey.

Canadian Society for Immunology (Société canadienne d'immunologie, La), room 7135, The Montreal General Hospital, 1650 Cedar Ave., Montreal, Que. President: Dr. Bram Rose, chairman, dept. of allergy and immunochemistry, Royal Victoria Hospital, Pine Ave., Montreal, Que. Secretary: Dr. Phil Gold.

Canadian Society for the Study of Higher Education (Société canadienne pour l'étude de l'enseignement supérieur, La), c/o COU, 102 Bloor St. W., Toronto 181, Ont. President: Dr. Robert Clark, director, academic planning, The University of British Columbia, Vancouver 8, B.C. Secretary: Mr. Grant Clarke.

Canadian Society of Biblical Studies (Société canadienne des études bibliques). President: Prof. John Hurd, faculty of divinity, Trinity College, Toronto 5, Ont. Secretary: Prof. Robert Culley, faculty of religious studies, McGill University, P.O. Box 6070, Montreal 101, Que.

Canadian Society of Landscape Architects, The (Association des architectes paysagistes du Canada, L'), P.O. Box 3304, Station C, Ottawa, Ont. President: Mr. Edwin Skapsts, Jacques-Viger Bldg., 755 Berri St., Montreal, Que. Secretary: Mrs. Jamina Stensson.

Canadian Society of Microbiologists (Société canadienne des microbiologistes). President: Dr. F.J. Simpson, Atlantic Regional Laboratory, National Research Council, Halifax, N.S. Secretary: Dr. G.A. Jones, dept. of dairy and food science, University of Saskatchewan, Saskatoon, Sask. S7N 0W0.

Canadian Society of Plant Physiologists (Société canadienne de physiologie végétale). President: Dr. R.G.S. Bidwell, biology dept., Queen's University at Kingston, Kingston, Ont. Secretary: Dr. C. Willemot, Research Station, Canada Department of Agriculture, 2560, chemin Gomin, Ste-Foy, Que.

Canadian Society of Wildlife and Fishery Biologists, The (Société canadienne des biologistes de la faune, La), P.O. Box 2292, Station D, Ottawa, Ont. President: Dr. J.S. Nelson, dept. of zoology, The University of Alberta, Edmonton, Alta. T6G 2H4. Secretary-treasurer: Mr. Wm. Thurlow, Thurlow & Associates, Environmental Control Consultants Ltd., Box 2728, Station D, Ottawa, Ont.

Canadian Society of Zoologists (Société des zoologistes canadiens). President: Dr. Peter Larkin, chairman, dept. of zoology, The University of British Columbia, Vancouver 8, B.C. Secretary: Dr. J.E. Phillips, dept. of zoology, The University of British Columbia, Vancouver 8, B.C.

Canadian Sociology and Anthropology Association (Société canadienne de sociologie et d'anthropologie), Postal Box 878, Montreal, Que. President: Prof. Pierre Maranda, dept. of anthropology and sociology, The University of British Columbia, Vancouver 8, B.C. Secretary-treasurer: Prof. Kurt Jonassohn, dept. of sociology, Sir George Williams University, Montreal, Que.

Canadian Teachers' Federation (Fédération canadienne des enseignants), 320 Queen St., Ottawa, Ont. K1R 5A3. President: Mr. Wendell Sparkes. Secretary-general: Mr. Norman Goble.

Canadian Theatre Centre (Centre canadien du théâtre), 49 Wellington St. E., Toronto 1, Ont. President: Miss Jean Roberts, National Arts Centre, P.O. Box 1534, Station B, Ottawa, Ont. K1P 5W1. Secretary-general: Mr. Jack Gray.

Canadian Theological Society. President: Prof. Martin Rumscheidt, dept. of theology, University of Windsor, Windsor, Ont. Secretary: Principal David Lochhead, Coughlan College, Prince Philip Dr., St. John's, Nfld.

Canadian University Counselling Association (Association canadienne de counseling universitaire). President: Dr. Horace Beach, director, counselling centre, Victoria University, Victoria, B.C. Secretary: Prof. Raymond Duchesne, counselling service, University of Ottawa, Ottawa, Ont. K1N 6N5.

Canadian University Press (Presse universitaire canadienne), 2000 Ogilvie Road, Ottawa, Ont. K1J 7W4. President: Ms. Dorothy Wigmore. Vice-president: Mr. Don Humphries.

*Canadian University Service Overseas (Service universitaire canadien outre-mer), 151 Slater St., Ottawa, Ont. K1P 5H5. President: Prof. Gérard Aubry, Chairman, Institute for International Co-operation, University of Ottawa, Ottawa, Ont. K1N 6N5. Executive director/Chief executive officer: Mr. John Gordon.

Canadian University Theatre Association (Association canadienne du théâtre universitaire). President: Prof. R. Skene, dept. of English, The University of Winnipeg, Winnipeg, Man. Secretary: Mr. D. Hewlett, theatre division, The University of Winnipeg, Winnipeg, Man.

Canadian Wildlife Federation (Fédération canadienne de la faune, La), 1419 Carling Ave., Ottawa, Ont. K1Z 7L7. President: Mr. J. O'Dette, 377 Bath Rd., Kingston, Ont. Executive director: Mr. R.C. Passmore.

Chemical Institute of Canada, The (Institut de chimie du Canada, L'), suite 906, 151 Slater St., Ottawa, Ont. K1P 5H3. President: M. Pierre Grenier, doyen, faculté des sciences, Université Laval, Cité universitaire, Québec 10^e (Qué.). General manager: Mr. T.H.G. Michael.

Classical Association of Canada (Société canadienne des études classiques). President: Prof. W.G. Fletcher, dept. of classics, Acadia University, Wolfville, N.S. Secretary: Prof. Anthony Barrett, dept. of classics, The University of British Columbia, Vancouver 8, B.C.

Commission on Post-Secondary Education in Ontario (Commission sur la formation postsecondaire en Ontario), suite 203, 505 University Ave., Toronto 101, Ont. Chairman: Dr. David Davis. Secretary: Dr. B.B. Kymlicka.

*Committee of Canadian Law Deans (Comité des doyens de droit du Canada). President: Prof. G.A. Beaudoin, dean, faculty of law, University of Ottawa, Ottawa, Ont. K1N 6N5. Secretary: Prof. J.P.S. McLaren, dean, faculty of law, University of Windsor, Windsor 11, Ont.

Committee on University Affairs (Ontario) (Comité sur les affaires universitaires (Ontario)), 5th Floor, Mowat Block, Queen's Park, Toronto 5, Ont. Chairman: Dr. J.G. Parr.

Comparative and International Education Society of Canada, The (Société canadienne d'éducation comparée et internationale, La). President: Dr. Avigdor Farine, section: administration scolaire, faculté des sciences de l'éducation, Université de Montréal, Montréal (Qué.). Secretary: Dr. Arthur Godbout, Centre of Comparative Education, University of Ottawa, Ottawa, Ont. K1N 6N5.

Conference of Rectors and Principals of Quebec Universities

(Conférence des recteurs et des principaux des universités du Québec), 6600 Côte des Neiges Road, suite 300, Montreal 249, Que. Executive director: Mr. René Hurtubise. Assistant to the executive director: Mr. Richard Perusse.

*Council of Associations of University Student Personnel Services (Conseil des associations de services universitaires aux étudiants). President: Dr. S.J. Piccinin, director, university counselling service, University of Ottawa, Ottawa, Ont. K1N 6N5. Secretary-treasurer: to be appointed.

*Council of Deans of Faculties of Management and Business Administration of Canada (Conseil des doyens des facultés des sciences de la gestion et de l'administration du Canada). President: Dean P.H. White, faculty of commerce and business administration, The University of British Columbia, Vancouver 8, B.C. Secretary-treasurer: to be appointed.

Council of Ministers of Education, Canada (Conseil des ministres de l'éducation, Canada), suite N1201, 252 Bloor St. W., Toronto 181, Ont. Chairman: The Honorable Peter Nicholson. Secretary-general: Dr. Maurice Richer.

Council of Ontario Universities (Conseil des universités de l'Ontario), 102 Bloor St. W., Toronto 185, Ont. President: Dr. D.C. Williams, president, The University of Western Ontario, London 72, Ont. Executive director: Dr. J.B. Macdonald.

Council of Universities (Quebec) (Conseil des universités (Québec)), 2700 Laurier Boulevard (8), Quebec 10, Que. President: Mr. Germain Gauthier. Secretary: Mr. Pierre Cazalis.

+Defence Research Board (Conseil de recherches pour la défense), 125 Elgin St., Ottawa, Ont. K1A 0Z3. Chairman: Dr. L.J. L'Heureux. Secretary: Dr. A.E. Léger.

Development Education Centre (Centre pour l'éducation de développement), 31 Prince Arthur Ave., Toronto 180, Ont. Chairman: Mr. John O'Grady, Ontario Government, MacDonald Block, Queen's Park, Toronto, Ont. Secretary-treasurer: Mr. Derek Wynne.

Directorate of Higher Education, Quebec (Direction générale de l'enseignement supérieur, Québec), Department of Education, Complex G, 20th floor, Government Building, Quebec, Que. Director: Mr. Gaston Denis. Executive secretary: Mr. Réal Tremblay.

Division of Educational Services, Lutheran Council in Canada (Services de l'éducation, Conseil luthérien au Canada, Le), 500-365 Hargrave St., Winnipeg, Man. R3B 2K3. President: Dr. Donald Voigts.

Educational Television and Radio Association of Canada (Association canadienne de radio et de télévision éducatives, L'), c/o CEA, 252 Bloor St. W., Toronto 5, Ont. President: Mr. Duane Starcher, director, ETV Centre, Memorial University of Newfoundland, St. John's, Nfld. Secretary: Mrs. Judy Winestone, Canadian Educational Media Council, 252 Bloor St. W., Toronto 5, Ont.

Engineering Institute of Canada, The (Institut canadien des ingénieurs, L'), 700 EIC Bldg., 2050 Mansfield St., Montreal 110, Que. President: Mr. John Dinsmore, assistant deputy minister of

education, Department of Education, Complex "C", 15th floor, Quebec, Que. General manager: Mr. Byron Kerr.

Entomological Society of Canada (Société entomologique du Canada, La), K.W. Neatby Bldg., C.E.F., Ottawa, Ont. K1A 0C6. President: Prof. P.S. Corbet, chairman, dept. of biology, University of Waterloo, Waterloo, Ont. Secretary: Prof. D.M. Davies, dept. of biology, McMaster University, Hamilton 16, Ont.

Graphic Arts Industries Association (Association des industries graphiques), suite 906, 75 Albert St., Ottawa, Ont. K1P 5E7. President: Mr. F.M. Rolph, president, Rolph-Clark-Stone Ltd., 5655 Boyce St., Montreal 426, Que. General manager: Mr. J.B. Linklater.

Humanities Association of Canada (Association canadienne des humanités). President: Dr. J.M. Stedmond, head, dept. of English, Queen's University at Kingston, Kingston, Ont. Secretary-treasurer: Prof. M.G. Wiebe, dept. of English, Queen's University at Kingston, Kingston, Ont.

Humanities Research Council of Canada (Conseil canadien de recherches sur les humanités, Le), suite 415, 151 Slater St., Ottawa, Ont. K1P 5H3. Chairman: Prof. J.M. Stedmond, dept. of English, Queen's University at Kingston, Kingston, Ont. Executive secretary: Mr. John Banks.

Institute of Public Administration of Canada, The (Institut d'administration publique du Canada, L'), 897 Bay St., Toronto 5, Ont. President: M. Adolphe Roy, sous-ministre, ministère des Transports, 880, chemin Ste-Foy, Québec (Qué.). Secretary: Mrs. Jean Stewart, director of compensation and planning, Personnel Policy Division of the Treasury Board, Fredericton, N.B.

International Association of Universities (Association internationale des universités), 1, rue Miollis, 75 – Paris 15^e (France). President: Prof. V. Merikowski, University of Helsinki, Fabianinkatu 33, Helsinki 17, Finland. Secretary-general: Mr. H.M. Keyes.

International Federation of Catholic Universities (Fédération internationale des universités catholiques), 77 bis, rue de Grenelle, Paris 7^{ème} (France). President: R.P. Hervé Carrier, recteur, Université Gregoriana, Rome, Italie. Secretary: Msgr. Georges Leclercq.

International Institute of Quantitative Economics (Institut international d'économie quantitative), suite 201, 1650 Lincoln St., Montreal 108, Que. Director: Dr. M. Inagaki. Secretary-treasurer: Dr. M. Stelcner.

Inter-Provincial Committee on University Rationalization, College Bldg., University of Saskatchewan, Regina Campus, Regina, Sask. S4S 0A2. Chairman: Dr. Ernest Sirluck, president, The University of Manitoba, Winnipeg, Man. R3E 0W3. Secretary: Dr. W.A. Riddell.

+Medical Research Council (Conseil de recherches médicales), Ottawa, Ont. K1A 0W9. President: Dr. Malcolm Brown. Secretary: Dr. J.M. Roxburgh.

*National Committee of Deans of Engineering and Applied Science (Comité national des doyens de génie et sciences appliquées).

*Associate member, AUCC.

+Honorary associate, AUCC.

President: Dean George Joly, faculty of engineering, Loyola College, Montreal, Que. Secretary: Dean R.A. Ritter, faculty of engineering, The University of Calgary, Calgary, Alta. T2N 1N4.

National Dental Examining Board of Canada (Bureau national d'examen dentaire du Canada), suite 601, 287 McLaren St., Ottawa, Ont. K2P 0L9. President: Dr. James Purves. Executive secretary: Mrs. Juliette Matte.

National Design Council (Conseil national de l'esthétique industrielle), 3rd floor, Centre Bldg., 300 Sparks St., Ottawa, Ont. K1A 0H5. Chairman: Mr. I.C. Pollack. Secretary-general: Mr. E.P. Weiss.

+ National Research Council of Canada (Conseil national de recherches du Canada), Building M-58, Montreal Rd., Ottawa, Ont. K1A 0R6. President: Dr. William Schneider. Acting secretary: Dr. A.W. Tickner.

New Brunswick Higher Education Commission (Commission de l'enseignement supérieur du Nouveau-Brunswick), Province of New Brunswick, 766 King St., Fredericton, N.B. Acting chairman: Mr. W.B. Thompson.

Nutrition Society of Canada (Société canadienne de nutrition). President: Dr. W.W. Hawkins, c/o editorial dept., Canadian Journals of Research, National Research Council of Canada, Ottawa, Ont. K1A 0R6. Secretary: Prof. R. Belzile, département de zootechnie, faculté d'agriculture, Université Laval, Québec 10^e (Qué.).

Ontario Confederation of University Faculty Associations (Union des associations des professeurs des universités de l'Ontario), 40 Sussex Ave., Toronto 5, Ont. Chairman: Prof. J. Stevens, dept. of physics, University of Guelph, Guelph, Ont.

Ontario Universities' Council on Admissions (Conseil d'admissions des universités de l'Ontario). Chairman: Dean A.D. Allen, faculty of arts and science, University of Toronto, Toronto, Ont. Secretary-treasurer: Mr. M.A. Bider, registrar, York University, 4700 Keele St., Downsview 463, Ont.

Ontario University Registrars' Association (Association des registraires d'universités de l'Ontario, L'). President: Mr. H.H. Dueck, registrar, Waterloo Lutheran University, Waterloo, Ont. Secretary: Mr. John Bird, assistant registrar – admissions, Brock University, St. Catharines, Ont.

Pharmacological Society of Canada, The (Société de pharmacologie du Canada, La). President: Dr. John Armstrong, Canadian Heart Foundation, suite 1200, 1 Nicholas St., Ottawa, Ont. K1N 7B7. Secretary: Dr. John Hamilton, dept. of pharmacology, Health Sciences Centre, The University of Western Ontario, London 72, Ont.

Prince Edward Island Commission on Post-Secondary Education, P.O. Box 335, Charlottetown, P.E.I. President: Mr. R.D. Manning, Currie Bldg., Charlottetown, P.E.I. Secretary: Mrs. Grace Nicholson.

Rhodes Scholarship Trust, The (Fondation des bourses Rhodes, La), c/o 26th Floor, 145 King St. W., Toronto 1, Ont. General secretary for the Rhodes scholarships in Canada: to be appointed.

Royal Architectural Institute of Canada, The (Institut royal d'architecture du Canada, L'), suite 1104, 151 Slater St., Ottawa, Ont. K1P 5H3. President: Mr. C.F.T. Rounthwaite, 1250 Bay St., Toronto, Ont. Secretary-treasurer: Mr. Maurice Holdham.

Royal Astronomical Society of Canada, The (Société royale d'astronomie du Canada, La), 252 College St., Toronto 2B, Ont. President: Dr. J.L. Locke, National Research Council of Canada, Radio Astronomy Section, Ottawa, Ont. National secretary: Mr. C.E. Hodgson.

Royal Canadian Geographical Society, The (Société géographique royale du Canada, La), 488 Wilbrod St., Ottawa, Ont. K1N 6M8. President: Dr. Pierre Camu, president, St. Lawrence Seaway Authority, Place de Ville, 1928 Tower C, 330 Sparks St., Ottawa, Ont. K1R 7R9. Executive secretary and editor: Major-General Wm. Megill.

Royal College of Dentists of Canada (Collège royal des chirurgiens dentistes du Canada), suite 614, 170 St. George St., Toronto 180, Ont. President: Dr. A.W.S. Wood, 2842 Bloor St. W., Toronto 18, Ont. Secretary: Dr. J.E. Speck.

Royal College of Physicians and Surgeons of Canada, The (Collège royal des médecins et chirurgiens du Canada, Le), 74 Stanley Ave., Ottawa, Ont. K1M 1P4. President: Dr. Charles Drake, suite 211, 111 Waterloo St., London, Ont. Secretary: Dr. James Graham.

Royal Society of Canada, The (Société royale du Canada, La), 395 Wellington St., Ottawa, Ont. K1A 0N4. President: Dr. J.T. Wilson, principal, Erindale College, University of Toronto, Toronto, Ont. Executive secretary: Mr. H.E.P. Garneau.

Secretary of State, Department of the, Education Support Branch, Secrétariat d'État, (Direction de l'aide à l'éducation) National Bldg., 130 Slater St., Ottawa, Ont. K1A 0M5. Director: Dr. R.J. Lachapelle.

*Service for Admission to College and University (Service d'admission au collège et à l'université), 151 Slater St., Ottawa, Ont. K1P 5N1. President: M. Paul-André Laberge, secrétaire général, Université Laval, 2480, Édifice de la bibliothèque, Québec 10^e (Qué.). Executive director: Dr. Léopold Lamontagne.

Shastri Indo-Canadian Institute (Institut indo-canadien Shastri, L'), 3511 Peel St., Montreal 112, Que. President: Prof. E.C. Moulton, dept. of history, The University of Manitoba, Winnipeg, Man. R3E 0W3. Secretary: Prof. Charles Brant, dept. of anthropology, Sir George Williams University, Montreal, Que.

Social Science Research Council of Canada (Conseil canadien de recherche en sciences sociales), suite 415, 151 Slater St., Ottawa, Ont. K1P 5H3. President: Dean D.A. Soberman, faculty of law, Queen's University at Kingston, Kingston, Ont. Executive director: Mr. Douglas Verney.

Society for Indian and Northern Education, c/o Indian and Northern Education Program, College of Education, University of Saskatchewan, Saskatoon, Sask. S7N 0W0. Honorary president: Father André Renaud. Secretary: Miss Joan Drummond.

+Honorary associate, AUCC.

*Associate member, AUCC.

Statistics Canada, Education Division (Statistique Canada, Division de l'éducation), No. 5 Temporary Bldg., Ottawa, Ont. K1A 0Z5. Director: Dr. M. Wisenthal.

Superior Council of Education (Conseil supérieur de l'éducation), parliament buildings, Quebec, Que. President: Mr. Léopold Garant. Secretary-general: Mr. Gilbert Desrosiers.

Tourbec Inc., 112 St. Paul St., Montreal 125, Que. President: M. Robert Panet-Raymond, Ducharme, Déom et associés, Cité du Havre, Aile n° 3, Montréal 104 (Qué.). Secretary: Mr. Jean Pelletier.

Universities Art Association of Canada (Association canadienne d'art universitaire). President: Prof. R.E. Williams, school of art, The University of Manitoba, Winnipeg, Man. R3T 2N2. Secretary-treasurer: Prof. Virgil Hammock, school of art, The University of Manitoba, Winnipeg, Man. R3T 2N2.

Universities Grants Commission (Manitoba) [Commission des octrois aux universités (Manitoba), La] 11-395 Berry St., Winnipeg, Man. R3J 1N6. Chairman: Mr. Scott Bateman. Secretary: Dr. Ben Hoffman.

University and College Placement Association (Association de placement universitaire et collégial), 254A Main St. N., Markham, Ont. President: Mr. Robert Moore, manager, employment, Proctor & Gamble Co. of Canada Ltd., 2 St. Clair Ave. W., Toronto, Ont. Secretary: Mr. Stuart Musgrave, director, student placement services, University of Windsor, Windsor, Ont.

University Grants Committee (Nova Scotia), 614 Fenwick St., Halifax, N.S. Chairman: Dr. Arthur Murphy. Executive secretary: Mr. David Howitt.

Vanier Institute of the Family, The (Institut Vanier de la famille, L'), suite 207, 151 Slater St., Ottawa, Ont. K1P 5H3. President: Mrs. A.F.W. Plumpre, P.O. Box 218, West Hill, Ont. Executive director: Mr. William Dyson.

World University Service of Canada (Entr'aide universitaire mondiale du Canada), 27 Goulburn Ave., Ottawa, Ont. K1N 8C7. President: Dr. James Brasch, dept. of English, McMaster University, Hamilton, Ont. General secretary: Mr. Roger Roy.

Youth Science Foundation (Fondation sciences jeunesse), suite 302, 151 Slater St., Ottawa, Ont. K1P 5H3. President: Prof. D.G. Andrews, dept. of chemical engineering, University of Toronto, Toronto, Ont. Executive director: Mr. N.S. Helm.

Agence canadienne de développement international (Canadian International Development Agency), Édifice Jackson, 122, rue Bank, Ottawa (Ont.) K1A 0G4. Président: M. Paul Gérin-Lajoie.

Association botanique du Canada, L' (Canadian Botanical Association, The). Président: Dr. Taylor Steeves, dept. of biology, University of Saskatchewan, Saskatoon, Sask. S7N 0W0. Secrétaire: Miss Mary Elliot, Plant Research Institute, Canada Department of Agriculture, Ottawa, Ont. K1A 0C6.

*Association canadienne d'administrateurs de recherche universitaire (Canadian Association of University Research Administrators). Président: Dr. J.E. Hogarth, associate dean of graduate studies, Queen's University at Kingston, Kingston, Ont. Secrétaire: Mr. Gordon Holmes, faculty of graduate studies and research, The University of Alberta, Edmonton, Alta. T6G 2J9.

Association canadienne d'art universitaire (Universities Art Association of Canada). Président: Prof. R.E. Williams, school of art, The University of Manitoba, Winnipeg, Man. R3T 2N2. Secrétaire-trésorier: Prof. Virgil Hammock, school of art, The University of Manitoba, Winnipeg, Man. R3T 2N2.

Association canadienne d'économique, L' (Canadian Economics Association, The). Président: Prof. C.L. Barber, dept. of economics, The University of Manitoba, Winnipeg, Man. R3E 0W3. Secrétaire-trésorier: Prof. Gilles Paquet, dept. of economics, Carleton University, Ottawa, Ont. K1S 5B6.

Association canadienne de counseling universitaire (Canadian University Counselling Association). Président: Dr. Horace Beach, director, counselling centre, Victoria University, Victoria, B.C. Secrétaire: Prof. Raymond Duchesne, service de counseling, Université d'Ottawa, Ottawa (Ont.) K1N 6N5.

Association canadienne d'éducation, L' (Canadian Education Association, The), 252 ouest, rue Bloor, Toronto 5 (Ont.). Président: Dr. H.M. Nason, deputy minister and chief director of education, Department of Education, Halifax, N.S. Secrétaire administratif: M. F.K. Stewart.

Association canadienne d'éducation de langue française, suite 338, 3, place Jean-Talon, case postale 2204 (terminus), Québec 2 (Qué.). Président: Mgr Louis-Albert Vachon, Séminaire de Québec, case postale 460, Québec 4 (Qué.). Secrétaire général: M. Jean-Jacques Bergeron.

Association canadienne de linguistique (Canadian Linguistic Association). Président: Prof. R. Gregg, dept. of linguistics, The University of British Columbia, Vancouver 8, B.C. Secrétaire: M. Guy Plastre, faculté des lettres, Université Laval, Pavillon de Koninck 0277, Québec 10^e (Qué.).

Association canadienne de philosophie, L' (Canadian Philosophical Association, The). Président: Prof. Gilles Cazabon, faculté de philosophie, Université d'Ottawa, Ottawa (Ont.) K1N 6N5. Secrétaire: Prof. Robert Binkley, dept. of philosophy, The University of Western Ontario, London 72, Ont.

Association canadienne de physiothérapie, L' (Canadian Physiotherapy Association), 25, rue Imperial, Toronto 197 (Ont.). Présidente: Mme Moira Reed-Davis. Directrice administrative: Mlle Marion Leslie.

*Membre associé de l'AUCC.

Association canadienne de radio et de télévision éducatives, L' (Educational Television and Radio Association of Canada), a/s ACE, 252 ouest, rue Bloor, Toronto 5 (Ont.). Président: Mr. Duane Starcher, director, ETV Centre, Memorial University of Newfoundland, St. John's, Nfld. Secrétaire: Mrs. Judy Winestone, Canadian Educational Media Council, 252 Bloor St. W., Toronto 5, Ont.

Association canadienne des anatomistes (Canadian Association of Anatomists). Président: Dr. A.D. Dickson, division of morphological science, The University of Calgary, Calgary, Alta. T2N 1N4. Secrétaire: M. Réal Gagnon, département d'anatomie, faculté de médecine, Université de Montréal, b.p. 6128, Montréal 101, (Qué.).

Association canadienne de santé publique, L' (Canadian Public Health Association), 1255, rue Yonge, Toronto (Ont.). Président: Dr J.M. Fredette, Registre de la population, Ministère des affaires sociales, 845, rue Joffe, Québec (Qué.). Directeur administratif: M. C.D. Noble.

Association canadienne des bibliothécaires de langue française, 360, rue Le Moyne, Montréal 125 (Qué.). Président: M. Marcel Hudon, bibliothèque générale, Université Laval, Cité universitaire, Québec 10^e (Qué.). Secrétaire: M. Hubert Perron.

*Association canadienne des bibliothèques de collège et d'université (Canadian Association of College and University Libraries), a/s Canadian Library Association, 151, rue Sparks, Ottawa (Ont.) K1P 5E3. Présidente: Mrs. Margaret Beckman, chief librarian, University of Guelph, Guelph, Ont. Secrétaire: Mr. John North, college librarian, Mount Royal College, Calgary, Alta.

Association canadienne des boursiers Rhodes, L' (Canadian Association of Rhodes Scholars), a/s United Community Fund of Greater Toronto, 8^e étage, 180 ouest, rue Wellington, Toronto 135 (Ont.). Président: Mr. Clarence Campbell, president, National Hockey League, 922 Sun Life Bldg., Montreal 110, Que. Secrétaire: M. Hugh Morrison.

Association canadienne des chercheurs en éducation (Canadian Educational Researchers Association), a/s Conseil canadien pour la recherche en éducation, pièce 220, 227 ouest, avenue Laurier, Ottawa (Ont.) K1P 5J7. Président: Dr. D. Friesen, dept. of educational administration, The University of Alberta, Edmonton, Alta. T6G 2H4.

Association canadienne de science politique, L' (Canadian Political Science Association). Président: Prof. Jean Laponce, dept. of political science, The University of British Columbia, Vancouver 8, B.C. Secrétaire: Prof. John Trent, a/s l'Université d'Ottawa, 30, rue Stewart, Ottawa (Ont.) K1N 6N5.

Association canadienne des diététistes, L' (Canadian Dietetic Association, The), pièce 215, 1393, rue Yonge, Toronto 290 (Ont.). Présidente: Miss Joan Stewart, director of dietetics, Victoria General Hospital, Halifax, N.S. Secrétaire: Miss Dola Ann AuCoin, Nutrition division, Nova Scotia Department of Health, Provincial Bldg., Halifax, N.S.

Association canadienne des directeurs athlétiques universitaires (Canadian Association of University Athletic Directors). Président: Mr. Al Lenard, director of athletics, Queen's University at

Kingston, Kingston, Ont. Secrétaire: Mr. William Mitchell, director of athletics, University of Guelph, Guelph, Ont.

*Association canadienne des doyens des facultés des arts et des sciences (Canadian Association of Deans of Arts and Science). Président: Dr. Mervyn Franklin, dean, faculty of science, The University of New Brunswick, Fredericton, N.B. Secrétaire-trésorier: Dr. S.J. Frankel, dean of social sciences, McMaster University, Hamilton, Ont.

*Association canadienne des doyens et directeurs de faculté de pédagogie (Canadian Association of Deans and Directors of University Faculties of Education). Président: Dr. A. Kratzmann, dean, faculty of education, University of Saskatchewan, Regina Campus, Regina, Sask. SAS 0A2. Secrétaire: Dr. J.B. Kirkpatrick, dean, college of education, University of Saskatchewan, Saskatoon Campus, Saskatoon, Sask. S7N 0W0.

*Association canadienne des écoles de bibliothécaires (Canadian Association of Library Schools). Présidente: Miss Janette White, school of library and information science, The University of Western Ontario, London 72, Ont. Secrétaire: Miss Carmen Sprovieri, school of library and information science, The University of Western Ontario, London 72, Ont.

Association canadienne des écoles de service social (Canadian Association of Schools of Social Work), pièce 203, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: Prof. C.G. Gifford, director, school of social work, The University of Manitoba, Winnipeg, Man. R3T 2N2. Directrice administrative: Mlle Marguerite Mathieu.

Association canadienne des écoles universitaires de musique (Canadian Association of University Schools of Music). Président: M. Lucien Brochu, directeur, école de musique, Université Laval, Québec 10^e (Qué.). Secrétaire: M. Armand Ferland, école de musique, Université Laval, Québec 10^e (Qué.).

*Association canadienne des écoles universitaires de réhabilitation (Canadian Association of University Schools of Rehabilitation). Président: Dr. John Redford, director, school of rehabilitation medicine, The University of Alberta, Edmonton, Alta. T6G 2E1.

*Association canadienne des écoles universitaires de nursing (Canadian Association of University Schools of Nursing), pièce 1200, 151, rue Slater, Ottawa (Ont.) K1P 5N1. Présidente: Miss Elizabeth Logan, school of nursing, McGill University, 3506 University St., Montreal, Que. Secrétaire administrative: Mme Eileen Mountain.

Association canadienne des ergothérapeutes (Canadian Association of Occupational Therapists), pièce M19, 4, rue New, Toronto 189 (Ont.). Présidente: Miss Helen Jensen, supervisor, occupational therapy, Workmen's Compensation Board Hospital and Rehabilitation Centre, 115 Torbarrie Rd., Downsview, Ont. Directrice administrative: Mme Judy Copleston.

Association canadienne des études africaines, L' (Canadian Association of African Studies). Président: Prof. Louis Sabourin, directeur, Institut de coopération internationale, Université d'Ottawa, Ottawa (Ont.) K1N 6N5. Secrétaire: Dr. D.R.F. Taylor, geography dept., Carleton University, Ottawa, Ont. K1S 5B6.

Association canadienne des études asiatiques (Canadian Society for Asian Studies). Président: Dr. E.G. Pulleyblank, dept. of Asian studies, The University of British Columbia, Vancouver 8, B.C. Secrétaire: Dr. E.L. Tepper, dept. of political science, Carleton University, Ottawa, Ont. K1S 5B6.

Association canadienne des études latino-américaines (Canadian Association of Latin American Studies). Président: Prof. Hugues-G. Hambleton, département d'économie, Université Laval, Québec 10^e (Qué.). Secrétaire-trésorier: Prof. Myron Frankman, department of economics, McGill University, Montreal 101, Que.

*Association canadienne des facultés et écoles des études supérieures (Canadian Association of Graduate Schools). Président: M. P. Hagen, doyen, École des études supérieures, Université d'Ottawa, Ottawa (Ont.) K1N 6N5. Secrétaire-trésorier: Dr. E.P. Sanders, associate/assistant dean (arts), school of graduate studies, McMaster University, Hamilton, Ont.

Association canadienne des géographes, L' (Canadian Association of Geographers, The). Président: Prof. R.W. Packer, dept. of geography, The University of Western Ontario, London 44, Ont. Secrétaire: Dr. J.T. Parry, Burnside Hall, McGill University, P.O. Box 6070, Montreal 101, Que.

Association canadienne des humanités (Humanities Association of Canada). Président: Dr. J.M. Stedmond, head, dept. of English, Queen's University at Kingston, Kingston, Ont. Secrétaire-trésorier: Prof. M.G. Wiebe, dept. of English, Queen's University at Kingston, Kingston, Ont.

Association canadienne des optométristes, L' (Canadian Association of Optometrists), pièce 807, 88, rue Metcalfe, Ottawa (Ont.) K1P 5L7. Président: Dr. R.W. Macpherson, box 1120, 129 John St., Napanee, Ont. Secrétaire administratif: M. G.J. Walsh.

Association canadienne des pathologistes (Canadian Association of Pathologists). Président: Dr. P.W. Davey, Royal Alexandra Hospital, Edmonton, Alta. Secrétaire: Dr. D.W. Penner, dept. of pathology, Winnipeg General Hospital, 700 William Ave., Winnipeg, Man. R3E 0Z3.

Association canadienne des physiciens (Canadian Association of Physicists), pièce 905, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: Prof. A.T. Stewart, dept. of physics, Queen's University at Kingston, Kingston, Ont. Secrétaire-trésorier: Mr. C.C. Costain, head, time and frequency section, National Research Council, room 116, M-36, Montreal Road Laboratories, Ottawa, Ont. K1A 0R6.

Association canadienne des professeurs de droit (Association of Canadian Law Teachers). Président: Prof. Pierre Verge, faculté de droit, Université Laval, Cité universitaire, Québec 10^e (Qué.). Secrétaire-trésorier: Prof. F.M. Fraser, associate dean, faculty of law, Dalhousie University, Halifax, N.S.

Association canadienne des professeurs d'éducation, L' (Canadian Association of Professors of Education). Président: Dr. Vernon Ready, dean, McArthur College of Education, Queen's University at Kingston, Kingston, Ont. Secrétaire: Prof. Howard Smith, McArthur College of Education, Queen's University at Kingston, Kingston, Ont.

Association canadienne des professeurs d'université (Canadian

Association of University Teachers), 66, rue Lisgar, Ottawa (Ont.) K2P 0C1. Président: Prof. C.C. Bigelow. Secrétaire administratif: Prof. Alwyn Berland.

Association canadienne des sciences administratives (Canadian Association of Administrative Sciences). Président: Prof. Vance Mitchell, faculty of commerce and business administration, The University of British Columbia, Vancouver 8, B.C. Secrétaire: Prof. Paul Cormier, faculty of commerce, Saint Mary's University, Halifax, N.S.

Association canadienne des slavistes (Canadian Association of Slavists). Président: Prof. S.D. Bosnich, dept. of political science, The University of New Brunswick, Fredericton, N.B. Secrétaire-trésorier: Prof. A.C. Wright, dept. of Russian, Queen's University at Kingston, Kingston, Ont.

Association canadienne des travailleurs sociaux (Canadian Association of Social Workers), pièce 400, 55, avenue Parkdale, Ottawa (Ont.) K1Y 1E5. Président: Dr. Albert Rose, dean, faculty of social work, University of Toronto, Toronto 181, Ont. Directeur administratif: M. Anthony Gray.

Association canadienne d'études américaines (Canadian Association for American Studies). Présidente: Dr. Virginia Rock, master, 314 Stong College, York University, Downsview, Ont. Secrétaire: Prof. Ernest Redekop, dept. of English, The University of Western Ontario, London 72, Ont.

*Association canadienne du personnel administratif universitaire (Canadian Association of University Business Officers), pièce 1103, 151, rue Slater, Ottawa (Ont.) K1P 5N1. Président: Mr. A. Baxter, treasurer, The University of British Columbia, Vancouver 8, B.C. Directeur administratif: M. Kenneth Clements.

Association canadienne du théâtre universitaire (Canadian University Theatre Association). Président: Prof. R. Skene, dept. of English, The University of Winnipeg, Winnipeg, Man. Secrétaire: Mr. D. Hewlett, theatre division, The University of Winnipeg, Winnipeg, Man.

Association canadienne-française pour l'avancement des sciences, 2730, chemin de la Côte Ste-Catherine, Montréal 250 (Qué.). Président: M. Antoine D'Iorio, doyen, faculté des sciences et de génie, Université d'Ottawa, Ottawa (Ont.) K1N 6N5. Directeur général: M. Serge Hamel.

Association canadienne pétrolière (Canadian Petroleum Association), 400 - 130, rue Albert, Ottawa (Ont.) K1P 5G4; 625 - 404 sud-ouest, Sixième avenue, Calgary (Alta.) T2P 0R9. Secrétaire-trésorier: M. R.J. Frocklage (Calgary, Alta.). Directeur: M. D.B. Furlong (Ottawa, Ont.).

Association canadienne pour la santé, l'éducation physique et la récréation, L' (Canadian Association for Health, Physical Education and Recreation), 333, chemin River, Ville Vanier (Ont.) K1L 8B9. Président: M. W.A.R. Orban, directeur, École d'éducation physique et de récréation, Université d'Ottawa, Ottawa (Ont.) K1N 6N5. Directeur administratif: M. C.R. Blackstock.

Association canadienne pour le développement des études néerlandaises, L' (Canadian Association for the Advancement of Netherlandic Studies). Président: Mr. J. Riedé, Longmans (Canada)

Ltd., 55 Barber Green Rd., Don Mills, Ont. Secrétaire: Prof. J. de Vries, dept. of sociology and anthropology, Carleton University, Ottawa, Ont. K1S 5B6.

Association dentaire canadienne (Canadian Dental Association), 234, rue St. George, Toronto 180 (Ont.). Président: Dr. D.K. Peters, 103 Le Marchant Rd., St. John's, Nfld. Directeur administratif: Dr. W.G. McIntosh.

Association de placement universitaire et collégial (University and College Placement Association), 254A nord, rue Main, Markham (Ont.). Président: Mr. Robert Moore, manager, employment, Proctor & Gamble Co. of Canada Ltd., 2 St. Clair Ave. W., Toronto, Ont. Secrétaire: Mr. Stuart Musgrave, director, student placement services, University of Windsor, Windsor, Ont.

Association des architectes paysagistes du Canada, L' (Canadian Society of Landscape Architects, The), b.p. 3304, Station C, Ottawa (Ont.). Président: M. Edwin Skapsts, Édifice Jacques-Viger, 755, rue Berri, Montréal (Qué.). Secrétaire: Mme Jamina Stensson.

Association des archivistes médicales du Canada (Canadian Association of Medical Record Librarians), 770, rue Glenforest, Oshawa (Ont.). Présidente: Mme Pauline Boucher, Hôpital de Moncton, Moncton (N.-B.). Directrice administrative: Mme Janet Milner.

*Association des bureaux d'information des universités du Canada (Association of Canadian University Information Bureaus). Présidente: Mrs. Barbara Lacroix, public relations officer, The University of Alberta, Edmonton, Alta. T6G 2E1. Secrétaire: Mr. David White, writer, public relations office, The University of Alberta, Edmonton, Alta. T6G 2E1.

Association des collèges communautaires du Canada (Association of Canadian Community Colleges), 845, boulevard Ste-Croix, St-Laurent, Montréal 379 (Qué.). Président: Dr. Walter Pentz, president, Mount Royal College, 7th Ave. and 11th St. S.W., Calgary 2, Alta. Directeur administratif: M. Jacques Fournier.

Association des collèges du Québec, 1940 est, boulevard Henri-Bourassa, Montréal 360 (Qué.). Président: Georges-Étienne Proulx, ptre, Collège de Lévis, 9, rue Mgr-Gosselin, Lévis (Qué.). Secrétaire général: M. Jean-Marie Saint-Germain.

*Association des dirigeants du service de développement des universités canadiennes (Canadian Association of University Development Officers). Président: Mr. P.R. Judge, director, fund development, The University of Calgary, 24th Ave. and University Dr. N.W., Calgary, Alta. T2N 1N4. Secrétaire-trésorier: Mr. Bruce Irwin, director of alumni affairs, Dalhousie University, Halifax, N.S.

*Association des doyens de pharmacie du Canada, L' (Association of Deans of Pharmacy of Canada, The), 175, rue College, Toronto 2B (Ont.). Président: Dean M.J. Houston, faculty of pharmacy and pharmaceutical sciences, The University of Alberta, Edmonton, Alta. Secrétaire-trésorier: M. A. W. Matthe

*Association des doyens et des directeurs de facultés, d'écoles et de départements d'éducation physique des universités canadiennes, L' (Canadian Association of University Deans, Directors

and Chairmen of Faculties, Schools and Departments of Physical Education). Président: Prof. John MacDiarmid, director, school of physical education, The University of Manitoba, Winnipeg, Man. R3T 2N2. Secrétaire: Prof. Juri Daniel, school of physical and health education, University of Toronto, Toronto, Ont.

*Association des écoles d'optométrie du Canada (Association of Schools of Optometry of Canada). Président: Dr. W.M. Lyle, school of optometry, University of Waterloo, Waterloo, Ont. Secrétaire: Dr. E.J. Fisher, school of optometry, University of Waterloo, Waterloo, Ont.

*Association des facultés canadiennes d'études de conditionnement du milieu (Association of Canadian Faculties of Environmental Studies). Président: Prof. W.T. Perks, dean, faculty of environmental design, The University of Calgary, Calgary, Alta. T2N 1N4. Secrétaire: Prof. R.D. Gillmor, program director - architecture, faculty of environmental design, The University of Calgary, Calgary, Alta. T2N 1N4.

*Association des facultés de médecine du Canada (Association of Canadian Medical Colleges), 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: Dr. John Gutelius, dean, faculty of medicine, University of Saskatchewan, Saskatoon, Sask. Directeur administratif: Dr. J.B. Firstbrook.

*Association des facultés de médecine vétérinaire du Canada, L' (Association of Faculties of Veterinary Medicine in Canada, The). Président: Dr. Calvin Hamilton, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, Sask. S7N 0W0. Secrétaire: Dr. R.S. Butler, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, Sask. S7N 0W0.

*Association des facultés dentaires du Canada, L' (Association of Canadian Faculties of Dentistry, The). Président: Dr. James McCutcheon, dean, faculty of dentistry, The University of Alberta, Edmonton, Alta. T6G 2H4. Secrétaire: Dr. D.V. Chaytor, faculty of dentistry, Dalhousie University, 5981 University Ave., Halifax, N.S.

Association des facultés de pharmacie du Canada (Association of Faculties of Pharmacy of Canada). Président: M. Pierre Claveau, École de pharmacie, Université Laval, Cité universitaire, Québec 10^e (Qué.). Secrétaire-trésorier: Dr. R.A. Locock, faculty of pharmacy and pharmaceutical sciences, The University of Alberta, Edmonton, Alta. T6G 2H4.

Association des hispanistes du Canada (Canadian Association of Hispanists). Président: Prof. Geoffrey Stagg, chairman, dept. of Italian and Hispanic studies, University of Toronto, Toronto 181, Ont. Secrétaire: Prof. Donald Gordon, dept. of romance languages, Spanish section, The University of Manitoba, Winnipeg, Man. R3E 0W3.

Association des industries graphiques (Graphic Arts Industries Association), pièce 906, 75, rue Albert, Ottawa (Ont.) K1P 5E7. Président: Mr. F.M. Rolph, president, Rolph-Clark-Stone Ltd., 5655 Boyce St., Montreal 426, Que. Gérant général: M. J.B. Linklater.

Association des infirmières canadiennes (Canadian Nurses' Association), 50, The Driveway, Ottawa (Ont.) K2P 1E2. Présidente: Mlle Marguerite Schumacher. Directrice administrative: Dr. Helen Mussallem.

Association des ingénieurs-conseils du Canada (Association of Consulting Engineers of Canada), pièce 616, 130, rue Albert, Ottawa (Ont.) K1P 5G4. Président: Mr. E.G.A. Jorgensen, Giffels, Davis & Jorgensen Ltd., 60 Adelaide St. E., Toronto 210, Ont. Directeur général: M. H.R. Pinault.

Association des médecins de langue française du Canada, 5064, avenue du Parc, Montréal 152 (Qué.). Président: Dr Jacques Léger, Direction des drogues, ministère de la Santé nationale et du Bien-être social, Tunney's Pasture, Ottawa (Ont.). Secrétaire: Dr Georges Desrosiers, directeur des services médicaux et paramédicaux, Hôpital Maisonneuve-Rosemont, 5415, boulevard de l'Assomption, Montréal 410 (Qué.).

Association des musées canadiens (Canadian Museums Association), 56, rue Sparks, Ottawa (Ont.) K1P 5A9. Président: M. T.R. Broadland. Secrétaire: M. Donald Smithies.

Association des professeurs d'allemand des universités canadiennes, L' (Canadian Association of University Teachers of German). Président: Dr. J.B. MacLean, dept. of German, University of Victoria, Victoria, B.C. Secrétaire: Dr. R. Symington, dept. of German, University of Victoria, Victoria, B.C.

Association des professeurs d'anglais des universités canadiennes (Association of Canadian University Teachers of English). Président: Prof. R.D. McMaster, dept. of English, The University of Alberta, Edmonton, Alta. T6G 2H4. Secrétaire: Prof. R.G. Moyles, dept. of English, The University of Alberta, Edmonton, Alta. T6G 2H4.

Association des professeurs de français des universités canadiennes (Association of Canadian University Teachers of French). Président (intérimaire): Prof. P. d'Hollander, dept. of French, Sir George Williams University, Montreal, Que. Secrétaire: Prof. M.J. Cardy, dept. of romance studies, Brock University, St. Catharines, Ont.

Association des psychiatres du Canada (Canadian Psychiatric Association), pièce 103, 225, rue Lisgar, Ottawa (Ont.) K2P 0C6. Président: Dr. M.N. Beck, 159 Kent St., Charlottetown, P.E.I. Secrétaire administrative: Mme Léa Métivier.

*Association des registraires des universités et collèges du Canada (Association of Registrars of Universities and Colleges of Canada). Président: Mr. J.P. Schuller, assistant registrar, McGill University, Montreal 101, Que. Secrétaire: Mr. J. Dorgan, registrar, University of Saskatchewan, Saskatoon, Sask.

Association des registraires d'universités de l'Ontario, L' (Ontario University Registrars' Association). Président: Mr. H.H. Dueck, registrar, Waterloo Lutheran University, Waterloo, Ont. Secrétaire: Mr. John Bird, assistant registrar — admissions, Brock University, St. Catharines, Ont.

Association des scientifiques, ingénieurs et technologues du Canada, L' (Association of the Scientific, Engineering and Technological Community of Canada, The), pièce 202, Édifice Burnside, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: Mr. W.G. McKay, Underwood McLellan & Associates Limited, 1222 Richardson Bldg., 1 Lombard Place, Winnipeg 2, Man. Directeur administratif: M. John Harcourt.

*Association des services d'éducation des adultes et écoles d'été des universités du Canada (Canadian Association of Departments of Extension and Summer Schools). Président: Mr. R.S. Chapman, associate director, division of continuing education, The University of Calgary, 2920 24th Ave. N.W., Calgary, Alta. T2N 1N4. Secrétaire: Mr. L.E. Devlin, director, division of continuing education, University of Victoria, Victoria, B.C.

Association des universités de l'Atlantique, L' (Association of Atlantic Universities), b.p. 24, Halifax (N.-E.). Président: Msgr. Donald Duffie, president, St. Thomas University, Fredericton, N.B. Directeur administratif: M. Jeffrey Holmes.

Association des Universités et Collèges du Canada (Association of Universities and Colleges of Canada), 151, rue Slater, Ottawa (Ont.) K1P 5N1. Président du conseil d'administration: M. Louis-Philippe Bonneau. Directeur administratif: M. Colin Mackay.

Association des universités partiellement ou entièrement de langue française (Association of wholly or partially French-language universities), Université de Montréal, boîte postale 6128, Montréal 101 (Qué.). Président: M. Claude Renard, vice-président, Conseil d'administration, Université de Liège, Belgique. Secrétaire général: M. Jean-Marc Léger.

Association forestière canadienne (Canadian Forestry Association), 185 ouest, rue Somerset, Ottawa (Ont.) K2P 0J2. Président: M. Perry Bower. Directeur administratif: M. A.D. Hall.

Association internationale des universités (International Association of Universities), 1, rue Miollis, 75 — Paris 15^e (France). Président: Prof. V. Merikowski, University of Helsinki, Fabianinkatu 33, Helsinki 17, Finland. Secrétaire général: M. H.M. Keyes.

Association médicale canadienne, L' (Canadian Medical Association, The), b.p. 8650, 1867, promenade Alta Vista, Ottawa (Ont.) K1G 0G8. Président: Dr G. Gingras, 6300, avenue Darlington, Montréal 251 (Qué.). Secrétaire général: Dr J.D. Wallace.

Association nucléaire canadienne (Canadian Nuclear Association), pièce 1002, 11 ouest, rue Adelaide, Toronto 111 (Ont.). Président: Mr. W.M. Gilchrist, president, Eldorado Nuclear Limited, suite 800, 151 Slater St., Ottawa, Ont. K1P 5H5. Gérant général: M. James Weller.

Association pharmaceutique canadienne, L' (Canadian Pharmaceutical Association), 175, rue College, Toronto 2B (Ont.). Président: M. C.J. Meagher. Directeur administratif: M. J.C. Turnbull.

Bureau canadien de l'éducation internationale (Canadian Bureau for International Education), pièce 408, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: Dr. W.C. Winegard, president, University of Guelph, Guelph, Ont. Directeur administratif: M. Allan Rix.

Bureau national d'examen dentaire du Canada (National Dental Examining Board of Canada), pièce 601, 287, rue McLaren, Ottawa (Ont.) K2P 0L9. Président: Dr James Purves. Secrétaire administrative: Mme Juliette Matte.

Centre canadien du théâtre (Canadian Theatre Centre), 49 est, rue

Wellington, Toronto 1 (Ont.). Présidente: Miss Jean Roberts, National Arts Centre, P.O. Box 1534, Station B, Ottawa, Ont. K1P 5W1. Secrétaire général: M. Jack Gray.

Centre pour l'éducation de développement (Development Education Centre), 31, avenue Prince Arthur, Toronto 180 (Ont.). Président: Mr. John O'Grady, Ontario Government, MacDonald Block, Queen's Park, Toronto, Ont. Secrétaire-trésorier: M. Derek Wynne.

Centre québécois de relations internationales (Canadian Institute of International Relations), Edgar Tarr House, 31 est, rue Wellesley, Toronto 284 (Ont.). Président: Mr. David Golden, president, Telesat Canada, 333 River Rd., Ottawa, Ont. K1L 8B9. Secrétaire nationale: Mlle Edna Neale.

Collège canadien des enseignants, Le (Canadian College of Teachers, The), 39, chemin Leacock, b.p. 760, Kanata (Ont.). Président: M. S.D. Patterson, b.p. 220, Rothesay (N.-B.). Secrétaire-trésorier: M. S.R. Berry.

Collège royal des chirurgiens dentistes du Canada (Royal College of Dentists of Canada), pièce 614, 170, rue St. George, Toronto 180 (Ont.). Président: Dr A.W.S. Wood, 2842 ouest, rue Bloor, Toronto 18 (Ont.). Secrétaire: Dr J.E. Speck.

Collège royal des médecins et chirurgiens du Canada, Le (Royal College of Physicians and Surgeons of Canada, The), 74, avenue Stanley, Ottawa (Ont.) K1M 1P4. Président: Dr Charles Drake, suite 211, 111, rue Waterloo, London (Ont.). Secrétaire: Dr James Graham.

*Comité des doyens de droit du Canada (Committee of Canadian Law Deans). Président: Prof. G.A. Beaudoin, doyen, faculté de droit, Université d'Ottawa, Ottawa (Ont.) K1N 6N5. Secrétaire: Prof. J.P.S. McLaren, dean, faculty of law, University of Windsor, Windsor 11, Ont.

*Comité national des doyens de génie et sciences appliquées (National Committee of Deans of Engineering and Applied Sciences). Président: Dean George Joly, faculty of engineering, Loyola College, Montreal, Que. Secrétaire: Dean R.A. Ritter, faculty of engineering, The University of Calgary, Calgary, Alta. T2N 1N4.

Comité sur les affaires universitaires (Ontario) [Committee on University Affairs (Ontario)], 5^{ième} étage, Mowat Block, Queen's Park, Toronto 5 (Ont.). Président: M. J.G. Parr.

Comité universitaire des directeurs de biologie du Canada (Canadian Committee of University Biology Chairmen). Président: Dr. D.A. Chant, chairman, dept. of zoology, University of Toronto, Toronto 181, Ont. Secrétaire: Dr. H.H. Harvey, dept. of zoology, University of Toronto, Toronto 181, Ont.

Commission canadienne pour l'Unesco (Canadian Commission for Unesco), pièce 502, La Promenade, 151, rue Sparks, Ottawa (Ont.) K1P 5E3. Président: Dr. L.H. Cragg, president, Mount Allison University, Sackville, N.B. Secrétaire général: M. David Bartlett.

Commission de l'enseignement supérieur du Nouveau-Brunswick

(New Brunswick Higher Education Commission), Province du Nouveau-Brunswick, 766, rue King, Frédéricton (N.-B.). Président intérimaire: M. W.B. Thompson.

Commission des octrois aux universités (Manitoba), La [Universities Grants Commission (Manitoba)], 11-395, rue Berry, Winnipeg (Man.) R3J 1N6. Président: M. Scott Bateman. Secrétaire: M. Ben Hoffman.

Commission des universités de l'Alberta, La (Alberta Universities Commission, The), 202 The Sir John Franklin, 11111 - 87^e avenue, Edmonton (Alta.) T6G 0X9. Président: M. H.G. Thomson. Secrétaire: M. H.W. Ford.

Commission sur la formation postsecondaire en Ontario (Commission on Post-Secondary Education in Ontario), pièce 203, 505, avenue University, Toronto 101 (Ont.). Président: M. David Davis. Secrétaire: M. B.B. Kymlicka.

Conférence des recteurs et des principaux des universités du Québec (Conference of Rectors and Principals of Quebec Universities), 6600, chemin de la Côte des neiges, pièce 300, Montréal 249 (Qué.). Directeur général: M. René Hurtubise. Adjoint au directeur général: M. Richard Perusse.

Conseil canadien de biologie (Biological Council of Canada), pièce 907, 151, rue Slater, Ottawa (Ont.) K1P 5H4. Président: Dr. M. Shaw, dean, faculty of agricultural sciences, Macmillan Bldg., The University of British Columbia, Vancouver 8, B.C. Secrétaire: Dr. R.G.S. Bidwell, biology department, Queen's University at Kingston, Kingston, Ont.

Conseil canadien de la musique (Canadian Music Council). Président: Prof. François Bernier, directeur, département de musique, Université d'Ottawa, 180, rue Waller, Ottawa (Ont.) K1N 6N5. Secrétaire: M. John Cozens, 188, avenue Elmwood, Willowdale (Ont.).

Conseil canadien de recherche en sciences sociales (Social Science Research Council of Canada), pièce 415, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: Dean D.A. Soberman, faculty of law, Queen's University at Kingston, Kingston, Ont. Secrétaire administratif: M. Douglas Verney.

Conseil canadien de recherches sur les humanités, Le (Humanities Research Council of Canada), pièce 415, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: Prof. J.M. Stedmond, dept. of English, Queen's University at Kingston, Kingston, Ont. Directeur administratif: M. John Banks.

Conseil canadien de recherches urbaines et régionales (Canadian Council on Urban and Regional Research), pièce 511, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: Prof. Allan O'Brien, dept. of political science, The University of Western Ontario, London 72, Ont. Directeur: M. Robert Cournoyer.

*Conseil canadien des écoles de bibliothécaires (Canadian Council of Library Schools). Président: Dr. William Cameron, dean, school of library and information science, The University of Western Ontario, London, Ont. N6A 3K7. Secrétaire: Prof. Frank Dolan, school of library and information science, The University of Western Ontario, London, Ont. N6A 3K7.

Conseil canadien des ingénieurs (Canadian Council of Professional Engineers), pièce 401, 116, rue Albert, Ottawa (Ont.) K1P 5G3. Président: Mr. D.C. Lambert, G.T.E. Lenkurt Electric (Canada) Limited, 7018 Lougheed Hgwy., Burnaby 2, B.C. Gérant général: M. L.M. Nadeau.

Conseil canadien pour la coopération internationale (Canadian Council for International Co-operation), 75, rue Sparks, Ottawa (Ont.) K1P 5A5. Président: Mr. John Magwood, Magwood, Frith, Pocock, MacDonald, O'Callaghan, Bank of Nova Scotia Bldg., 44 King St. W., Toronto 105, Ont. Directeur administratif: M. Angus Archer.

Conseil canadien pour la recherche en éducation (Canadian Council for Research in Education), pièce 220, 227 ouest, avenue Laurier, Ottawa (Ont.) K1P 5J7. Président: Dr. W.C. Lorimer, deputy minister, Department of Education, Winnipeg, Man. Directeur administratif: M. Léo Desmarreau.

Conseil d'admissions des universités de l'Ontario (Ontario Universities' Council on Admissions). Président: Dean A.D. Allen, faculty of arts and science, University of Toronto, Toronto, Ont. Secrétaire-trésorier: Mr. M.A. Bider, registrar, York University, 4700 Keele St., Downsview 463, Ont.

Conseil de la recherche en économie agricole du Canada (Agricultural Economics Research Council of Canada), 55, avenue Parkdale, Ottawa (Ont.) K1Y 1E5. Président: M. Gordon MacEachern. Secrétaire: Mme Anne Mates.

+ Conseil de recherches médicales (Medical Research Council), Ottawa (Ont.) K1A 0W9. Président: Dr Malcolm Brown. Secrétaire: Dr J.M. Roxburgh.

+ Conseil de recherches pour la défense (Defence Research Board), 125, rue Elgin, Ottawa (Ont.) K1A 0Z3. Président: M. L.J. L'Heureux. Secrétaire: M. A.E. Léger.

+ Conseil des arts du Canada, Le (Canada Council, The), b.p. 1047, 151, rue Sparks, Ottawa (Ont.) K1P 5V8. Président: M. John Prentice. Directeur: M. André Fortier.

*Conseil des associations de services universitaires aux étudiants (Council of Associations of University Student Personnel Services). Président: M. S.J. Piccinin, directeur, Service de counseling universitaire, Université d'Ottawa, Ottawa (Ont.) K1N 6N5. Secrétaire-trésorier: poste vacant.

*Conseil des doyens des facultés des sciences de la gestion et de l'administration du Canada (Council of Deans of Faculties of Management and Business Administration of Canada). Président: Dean P.H. White, faculty of commerce and business administration, The University of British Columbia, Vancouver 8, B.C. Secrétaire-trésorier: poste vacant.

Conseil des ministres de l'éducation, Canada (Council of Ministers of Education, Canada), pièce N1201, 252 ouest, rue Bloor, Toronto 181 (Ont.). Président: l'honorable Peter Nicholson. Secrétaire général: M. Maurice Richer.

Conseil des universités de l'Ontario (Council of Ontario Universities), 102 ouest, rue Bloor, Toronto 185 (Ont.). Président: Dr.

D.C. Williams, president, The University of Western Ontario, London 72, Ont. Directeur administratif: M. J.B. Macdonald.

Conseil des universités (Québec) [Council of Universities (Quebec)], 2700, boulevard Laurier (8^e), Québec 10^e (Qué.). Président: M. Germain Gauthier. Secrétaire: M. Pierre Cazalis.

Conseil national de l'esthétique industrielle (National Design Council), 3^{ième} étage, Édifice Centre, 300, rue Sparks, Ottawa (Ont.) K1A 0H5. Président: M. I.C. Pollack. Secrétaire administratif: M. E.P. Weiss.

+ Conseil national de recherches du Canada (National Research Council of Canada), Édifice M-58, chemin Montréal, Ottawa (Ont.) K1A 0R6. Président: M. William Schneider. Secrétaire intérimaire: M. A.W. Tickner.

Conseil supérieur de l'éducation (Superior Council of Education), Hôtel du gouvernement, Québec (Qué.). Président: M. Léopold Garant. Secrétaire général: M. Gilbert Desrosiers.

Direction générale de l'enseignement supérieur, Québec (Directorate of Higher Education, Quebec), ministère de l'Éducation, Complexe G, 20^e étage, Hôtel du gouvernement, Québec (Qué.). Directeur général: M. Gaston Denis. Secrétaire administratif: M. Réal Tremblay.

Entr'aide universitaire mondiale du Canada (World University Service of Canada), 27, avenue Goulburn, Ottawa (Ont.) K1N 8C7. Président: Dr. James Brasch, dept. of English, McMaster University, Hamilton, Ont. Secrétaire général: M. Roger Roy.

Fédération canadienne de la faune, La (Canadian Wildlife Federation), 1419, avenue Carling, Ottawa (Ont.) K1Z 7L7. Président: M. J. O'Dette, 377, chemin Bath, Kingston (Ont.). Directeur administratif: M. R.C. Passmore.

Fédération canadienne des enseignants (Canadian Teachers' Federation), 320, rue Queen, Ottawa (Ont.) K1R 5A3. Président: M. Wendell Sparkes. Secrétaire général: M. Norman Goble.

Fédération canadienne des femmes diplômées des universités (Canadian Federation of University Women), P.O. Box 69, Mount Allison University, Sackville, N.B. Présidente: Mme G.M. Black. Secrétaire: Mme Laing Ferguson.

Fédération canadienne des sociétés de biologie (Canadian Federation of Biological Societies). Président: Dr. A. Sehon, dept. of immunology, The University of Manitoba, Winnipeg, Man. R3E 0W3. Secrétaire honoraire: Dr. D.T. Armstrong, dept. of physiology, The University of Western Ontario, London 72, Ont.

Fédération des CEGEP, 1940 est, boulevard Henri-Bourassa, Montréal 360 (Qué.). Président: M. Jacques Laberge, directeur des services pédagogiques, CEGEP de Saint-Jean-sur-Richelieu, 30, boulevard du Séminaire, Saint-Jean (Qué.). Secrétaire corporatif: M. Jean-Claude Sauvé.

Fédération internationale des universités catholiques (International Federation of Catholic Universities), 77 bis, rue de Grenelle, Paris 7^{ième} (France). Président: R.P. Hervé Carrier, recteur, Université Gregoriana, Rome, Italie. Secrétaire: Mgr Georges Leclercq.

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*Membre associé de l'AUCC.

Fondation des bourses Rhodes, La (Rhodes Scholarship Trust, The), a/s 26^{ème} étage, 145 ouest, rue King, Toronto 1 (Ont.). Secrétaire général (Canada): poste vacant.

Fondation des études du Canada, La (Canada Studies Foundation, The), 252 ouest, rue Bloor, Toronto 5 (Ont.). Directeurs: M. A.B. Hodgetts; M. G.S. Tomkins. Secrétaire: Mlle Cheryl Nesbitt.

Fondation sciences jeunesse (Youth Science Foundation), pièce 302, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: Prof. D.G. Andrews, dept. of chemical engineering, University of Toronto, Toronto, Ont. Directeur administratif: M. N.S. Helm.

Institut aéronautique et spatial du Canada, L' (Canadian Aeronautics and Space Institute), Édifice Commonwealth, 77, rue Metcalfe, Ottawa (Ont.) K1P 5L6. Président: Mr. W.T. Heaslip, vice-president, engineering, The de Havilland Aircraft of Canada Ltd., Downsview, Ont. Secrétaire-trésorier: M. H.C. Luttman.

Institut agricole du Canada, L' (Agricultural Institute of Canada), pièce 907, 151, rue Slater, Ottawa (Ont.) K1P 5H4. Président: Mr. P.W. Couse, vice-president, seed division, Maple Leaf Mills Ltd., Box 370, Station A, 417 Queen's Quay W., Toronto 116, Ont. Gérant général: M. W.E. Henderson.

Institut canadien d'éducation des adultes (Canadian Institute of Adult Education), 506 est, rue Sainte-Catherine, Montréal 132 (Qué.). Président: M. Maurice Chartrand, rédacteur en chef de la revue Commerce, La Maison du Commerce, 1080, Beaver Hall Hill, Montréal (Qué.). Directrice générale: Mlle Madeleine Joubert.

Institut canadien de gestion (Canadian Institute of Management), pièce 303, 51 est, rue Eglinton, Toronto 315 (Ont.). Président: M. J.A. Viau, Radio Canada, 1400 est, rue Dorchester, Montréal (Qué.). Secrétaire administratif: M. E.C. Luke.

Institut canadien des affaires publiques, L' (Canadian Institute on Public Affairs), c.p. 952, succursale postale Q, Toronto 7 (Ont.). Président: Mr. Michael Hind-Smith, vice-president, Foster Advertising Ltd., 40 St. Clair Ave. W., Toronto 7, Ont. Secrétaire: Mr. Ivon Owen, manager, Canadian branch, Oxford University Press, 70 Wynford Dr., Don Mills, Ont.

Institut canadien des comptables agréés, L' (Canadian Institute of Chartered Accountants, The), 250 est, rue Bloor, Toronto 285 (Ont.). Président: Mr. A.J. Little, Clarkson, Gordon & Co., P.O. Box 251, Royal Trust Tower, Toronto-Dominion Centre, Toronto 111, Ont. Directeur administratif: M. R.D. Thomas.

Institut canadien des ingénieurs, L' (Engineering Institute of Canada, The), 700 Édifice ICI, 2050, rue Mansfield, Montréal (Qué.). Président: Mr. John Dinsmore, assistant deputy minister of education, Department of Education, Complex "C", 15th floor, Québec, Qué. Gérant général: M. Byron Kerr.

Institut canadien des mines et de la métallurgie, L' (Canadian Institute of Mining and Metallurgy, The), 906 - 1117 ouest, rue Ste-Catherine, Montréal 110 (Qué.). Président: Mr. J.H. Schloen, president, Canadian Copper Refiners Limited, P.O. Box 338, Place d'Armes, Montréal 126, Qué. Directeur administratif: M. E.G. Tapp.

Institut canadien du film (Canadian Film Institute), 1762, avenue Carling, Ottawa (Ont.) K2A 2H7. Président: M. Jean Clavel, Relations publiques et industrielles, 1808 ouest, rue Sherbrooke, Montréal (Qué.). Directeur administratif: M. Gordon Noble.

Institut d'administration publique du Canada, L' (Institute of Public Administration of Canada, The), 897, rue Bay, Toronto 5 (Ont.). Président: M. Adolphe Roy, sous-ministre, ministère des Transports, 880, chemin Ste-Foy, Québec (Qué.). Secrétaire: Mrs. Jean Stewart, director of compensation and planning, Personnel Policy Division of the Treasury Board, Fredericton, N.B.

Institut de chimie du Canada, L' (Chemical Institute of Canada, The), pièce 906, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: M. Pierre Grenier, doyen, faculté des sciences, Université Laval, Cité universitaire, Québec 10^e (Qué.). Gérant général: M. T.H.G. Michael.

Institut indo-canadien Shastri, L' (Shastri Indo-Canadian Institute), 3511, rue Peel, Montréal 112 (Qué.). Président: Prof. E.C. Moulton, dept. of history, The University of Manitoba, Winnipeg, Man. R3E 0W3. Secrétaire: Prof. Charles Brant, dept. of anthropology, Sir George Williams University, Montreal, Que.

Institut international d'économie quantitative (International Institute of Quantitative Economics), pièce 201, 1650, rue Lincoln, Montréal 108 (Qué.). Président: M. M. Inagaki. Secrétaire-trésorier: M. M. Stelcner.

Institut royal d'architecture du Canada, L' (Royal Architectural Institute of Canada, The), pièce 1104, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: M. C.F.T. Rounthwaite, 1250, rue Bay, Toronto (Ont.). Secrétaire-trésorier: M. Maurice Holdham.

Institut Vanier de la famille, L' (Vanier Institute of the Family, The), pièce 207, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Présidente: Mme A.F.W. Plumpton, b.p. 218, West Hill (Ont.). Directeur général: M. William Dyson.

Presse universitaire canadienne (Canadian University Press), 2000, chemin Ogilvie, Ottawa (Ont.) K1J 7W4. Présidente: Mme Dorothy Wigmore. Vice-président: M. Don Humphries.

Secrétariat d'État, Direction de l'aide à l'éducation (Secretary of State, Department of the, Education Support Branch), Édifice National, 130, rue Slater, Ottawa (Ont.) K1A 0M5. Directeur: M. R.J. Lachapelle.

*Service d'admission au collège et à l'université (Service for Admission to College and University), 151, rue Slater, Ottawa (Ont.) K1P 5N1. Président: M. Paul-André Laberge, secrétaire général, Université Laval, 2480, Édifice de la bibliothèque, Québec 10^e (Qué.). Directeur administratif: M. Léopold Lamontagne.

Services de l'éducation, Conseil luthérien au Canada, Le (Division of Educational Services, Lutheran Council in Canada), 500-365, rue Hargrave, Winnipeg (Man.) R3B 2K3. Président: M. Donald Voigts.

*Service universitaire canadien outre-mer (Canadian University Service Overseas), 151, rue Slater, Ottawa (Ont.) K1P 5H5. Président: Prof. Gérard Aubry, président, Institut de coopération internationale, Université d'Ottawa, Ottawa (Ont.) K1N 6N5. Directeur administratif/Administrateur en chef: M. John Gordon.

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Société canadienne de biochimie (Canadian Biochemical Society). Président: Dr. Ross Hall, chairman, dept. of biochemistry, McMaster University, Hamilton, Ont. Secrétaire: Mme Nicole Bégin-Heick, département de biochimie, Université d'Ottawa, Ottawa (Ont.) K1N 6N5.

Société canadienne d'éducation comparée et internationale, La (Comparative and International Education Society of Canada, The). Président: M. Avigdor Farine, section: administration scolaire, faculté des sciences de l'éducation, Université de Montréal, Montréal (Qué.). Secrétaire: M. Arthur Godbout, Centre d'éducation comparée, Université d'Ottawa, Ottawa (Ont.) K1N 6N5.

Société canadienne d'éducation par l'art (Canadian Society for Education Through Art), 451 ouest, rue Park, Windsor 12 (Ont.). Président: Dr. L. Groome, University of Saskatchewan, Regina Campus, Regina, Sask. Secrétaire général: M. Garnet Humphrey.

Société canadienne de nutrition (Nutrition Society of Canada). Président: Dr. W.W. Hawkins, c/o editorial dept., Canadian Journals of Research, National Research Council of Canada, Ottawa, Ont. K1A 0R6. Secrétaire: Prof. R. Belzile, département de zootechnie, faculté d'agriculture, Université Laval, Québec 10^e (Qué.).

Société canadienne de pédiatrie (Canadian Paediatric Society). Président: Dr P.P. Demers, directeur, département de pédiatrie, Université de Sherbrooke, Centre hospitalier universitaire, Sherbrooke (Qué.). Secrétaire administratif: Dr Victor Marchessault, division des sciences cliniques, Université de Sherbrooke, Centre hospitalier universitaire, Sherbrooke (Qué.).

Société canadienne de physiologie, La (Canadian Physiological Society, The). Président: Dr. Hugh McLennan, dept. of physiology, The University of British Columbia, Vancouver 8, B.C. Secrétaire: Dr. John Ledsoe, dept. of physiology, The University of British Columbia, Vancouver 8, B.C.

Société canadienne de physiologie végétale (Canadian Society of Plant Physiologists). Président: Dr. R.G.S. Bidwell, biology dept., Queen's University at Kingston, Kingston, Ont. Secrétaire: Dr. C. Willemot, Research Station, Canada Department of Agriculture, 2560, chemin Gomin, Ste-Foy, Qué.

Société canadienne de psychologie (Canadian Psychological Association), pièce 46, 1390 ouest, rue Sherbrooke, Montréal (Qué.). Président: Dr. Arthur Sullivan, dept. of psychology, Memorial University of Newfoundland, St. John's, Nfld. Secrétaire-trésorier: Mlle Suzanne Edwards.

Société canadienne des biologistes de la faune, La (Canadian Society of Wildlife and Fishery Biologists, The), b.p. 2292, Station D, Ottawa (Ont.). Président: Dr. J.S. Nelson, dept. of zoology, The University of Alberta, Edmonton, Alta. T6G 2H4. Secrétaire-trésorier: Mr. Wm. Thurlow, Thurlow & Associates, Environmental Control Consultants Ltd., Box 2728, Station D, Ottawa, Ont.

Société canadienne des études bibliques (Canadian Society of Biblical Studies). Président: Prof. John Hurd, faculty of divinity, Trinity College, Toronto 5, Ont. Secrétaire: Prof. Robert Culley, faculty of religious studies, McGill University, P.O. Box 6070, Montreal 101, Que.

Société canadienne des études classiques (Classical Association of

Canada). Président: Prof. W.G. Fletcher, dept. of classics, Acadia University, Wolfville, N.S. Secrétaire: Prof. Anthony Barrett, dept. of classics, The University of British Columbia, Vancouver 8, B.C.

Société canadienne des microbiologistes (Canadian Society of Microbiologists). Président: Dr. F.J. Simpson, Atlantic Regional Laboratory, National Research Council, Halifax, N.S. Secrétaire: Dr. G.A. Jones, dept. of dairy and food science, University of Saskatchewan, Saskatoon, Sask. S7N 0W0.

Société canadienne de sociologie et d'anthropologie (Canadian Sociology and Anthropology Association), case postale 878, Montréal (Qué.). Président: Prof. Pierre Maranda, dept. of anthropology and sociology, The University of British Columbia, Vancouver 8, B.C. Secrétaire-trésorier: Prof. Kurt Jonassohn, dept. of sociology, Sir George Williams University, Montreal, Que.

Société canadienne de théologie. Président: R.P. Roger Lapointe, O.M.I., Université Saint-Paul, Ottawa (Ont.) K1S 1C4. Secrétaire: R.P. Jean-Guy LeMarier, O.M.I., Université Saint-Paul, Ottawa (Ont.) K1S 1C4.

Société canadienne d'immunologie, La (Canadian Society for Immunology), room 7135, The Montreal General Hospital, 1650 Cedar Ave., Montreal, Que. Président: Dr. Bram Rose, chairman, dept. of allergy and immunochemistry, Royal Victoria Hospital, Pine Ave., Montreal, Que. Secrétaire: Dr Phil Gold.

Société canadienne d'orientation et de consultation (Canadian Guidance and Counselling Association), pièce 302, 1000, rue Yonge, Toronto 289 (Ont.). Président: Dr. John Paterson, dept. of educational psychology, The University of Alberta, Edmonton, Alta. T6G 2H4. Trésorier: M. R.C. Fobert.

Société canadienne du génie chimique, La (Canadian Society for Chemical Engineering), pièce 906, 151, rue Slater, Ottawa (Ont.) K1P 5H3. Président: Mr. J.L. Smart, vice-president, Canadian Bechtel Limited, Toronto, Ont. Gérant général: M. T.H.G. Michael.

Société canadienne pour l'étude de l'enseignement supérieur, La (Canadian Society for the Study of Higher Education), a/s CUO, 102 ouest, rue Bloor, Toronto 181 (Ont.). Président: Dr. Robert Clark, director, academic planning, The University of British Columbia, Vancouver 8, B.C. Secrétaire: M. Grant Clarke.

Société de pharmacologie du Canada, La (Pharmacological Society of Canada, The). Président: Dr. John Armstrong, Canadian Heart Foundation, suite 1200, 1 Nicholas St., Ottawa, Ont. K1N 7B7. Secrétaire: Dr. John Hamilton, dept. of pharmacology, Health Sciences Centre, The University of Western Ontario, London 72, Ont.

Société des zoologistes canadiens (Canadian Society of Zoologists). Président: Dr. Peter Larkin, chairman, dept. of zoology, The University of British Columbia, Vancouver 8, B.C. Secrétaire: Dr. J.E. Phillips, dept. of zoology, The University of British Columbia, Vancouver 8, B.C.

Société entomologique du Canada, La (Entomological Society of Canada), Édifice K.W. Neatby, C.E.F., Ottawa (Ont.) K1A 0C6. Président: Prof. P.S. Corbet, chairman, dept. of biology, University of Waterloo, Waterloo, Ont. Secrétaire: Prof. D.M. Davies, dept. of biology, McMaster University, Hamilton 16, Ont.

Société géographique royale du Canada, La (Royal Canadian Geographical Society, The), 488, rue Wilbrod, Ottawa (Ont.) K1N 6M8. Président: M. Pierre Camu, président, Administration de la voie maritime, Place de Ville, 1928, Tour C, 330, rue Sparks, Ottawa (Ont.) K1R 7R9. Secrétaire administratif et rédacteur: Maj.-Gén. Wm. Megill.

Société historique du Canada (Canadian Historical Association), Les archives publiques du Canada, Ottawa (Ont.) K1A 0N3. Président: Dr. L.G. Thomas, dept. of history, The University of Alberta, Edmonton, Alta. T6G 2H4. Secrétaire: Jacques Monet, s.j., département d'histoire, Université d'Ottawa, Ottawa (Ont.) K1N 6N5.

Société mathématique du Canada (Canadian Mathematical Congress). Président: Dr. G.F.D. Duff, head, dept. of mathematics, University of Toronto, Toronto 181, Ont. Secrétaire de langue anglaise: Rev. R.E. O'Connor, Thomas More Institute, 3421 Drummond St., Montreal 109, Que. Secrétaire de langue française: Prof. J.L. Lavoie, département de mathématiques, Université Laval, Québec 10^e (Qué.).

Société météorologique du Canada (Canadian Meteorological Society), b.p. 41, Willowdale (Ont.). Président: M. G.A. McKay. Secrétaire: M. G.A. McPherson.

Société royale d'astronomie du Canada, La (Royal Astronomical Society of Canada, The), 252, rue College, Toronto 2B (Ont.).

Président: Dr. J.L. Locke, National Research Council of Canada, Radio Astronomy Section, Ottawa, Ont. Secrétaire national: M. C.E. Hodgson.

Société royale du Canada, La (Royal Society of Canada, The), 395, rue Wellington, Ottawa (Ont.) K1A 0N4. Président: Dr. J.T. Wilson, principal, Erindale College, University of Toronto, Toronto, Ont. Secrétaire administratif: M. H.E.P. Garneau.

Statistique Canada, Division de l'éducation (Statistics Canada, Education Division), Édifice temporaire n° 5, Ottawa (Ont.) K1A 0Z5. Directeur: M. M. Wisenthal.

Tourbec Inc., 112 ouest, rue St-Paul, Montréal 125, Qué. Président: M. Robert Panet-Raymond, Ducharme Déom et associés, Cité du Havre, Aile n° 3, Montréal 104 (Qué.). Secrétaire: M. Jean Pelletier.

Union des associations des professeurs des universités de l'Ontario (Ontario Confederation of University Faculty Associations), 40, avenue Sussex, Toronto 5 (Ont.). Président: Prof. J. Stevens, dept. of physics, University of Guelph, Guelph, Ont.

*Union sportive interuniversitaire canadienne (Canadian Intercollegiate Athletic Union), 333 chemin River, Ville Vanier (Ont.) K1L 8B9. Président: Mr. Carl Totzke, director of athletics, University of Waterloo, Waterloo, Ont. Directeur administratif: M. Bob Pugh.

**ABBREVIATIONS OF DEGREES
DIPLOMAS AND CERTIFICATES
AWARDED BY CANADIAN
UNIVERSITIES / ABRÉVIATIONS
DES GRADES DIPLÔMES ET
CERTIFICATS OFFERTS PAR
LES UNIVERSITÉS CANADIENNES**

AA

Associate in arts

ADA

Certificat des agents d'assurance

AdvDipSW

Diploma in advanced social work

AKC(NS)

Associate of King's College (Nova Scotia)

AMusWesternBoard

Associate in music

ANSCAD

Associate of the Nova Scotia College of Art and Design

ArtDipMus

Artist diploma in music

ATh

Associate in theology

BA

Baccalauréat en musique

Baccalauréat ès arts

Baccalauréat ès arts spécialisé en études allemandes

Baccalauréat ès arts spécialisé en études anciennes

Baccalauréat ès arts spécialisé en études anglaises

Baccalauréat ès arts spécialisé en études françaises et baccalauréat ès arts spécialisé en français pour non-francophones

Baccalauréat ès arts spécialisé en études hispaniques

Baccalauréat ès arts spécialisé en histoire

Baccalauréat ès arts spécialisé en histoire de l'art

Baccalauréat ès arts spécialisé en traduction

Bachelor of arts

Bachelor of arts and science

Bachelor of arts with honors in public administration

Bachelor of arts with major in music

BAA

Baccalauréat en administration des affaires

BAA(Early Childhood Education)

Bachelor of applied arts in early childhood education

BAA(Home Economics)

Bachelor of applied arts in home economics

BAA(Interior Design)
Bachelor of applied arts in interior design

BAA(Journalism)
Bachelor of applied arts in journalism

BAA(Radio and Television Arts)
Bachelor of applied arts in radio and television arts

BAA(Secretarial Science)
Bachelor of applied arts in secretarial science

BAA(Social Services)
Bachelor of applied arts in the social services

BA/BEd
Combined bachelor of arts and bachelor of science

BA(Business Administration)
Bachelor of arts in business administration

BAdm
Baccalauréat en administration
Bachelor of administration

BAdmin
Bachelor of administration

BAdmPub
Baccalauréat en administration publique

BAE
Bachelor of art education

BA(Ed)
Bachelor of arts (education)

BA(général)
Baccalauréat ès arts général

BA(lettres)
Baccalauréat ès arts général

BA(LPh)
Bachelier ès arts mention latin-philosophie

BA(Mus)
Bachelor of arts (major in music)

BAP
Baccalauréat en architecture paysagiste

BA(Ph)
Baccalauréat ès arts avec mention philosophie
Bachelor of arts with a major in philosophy

BArch
Baccalauréat en architecture
Bachelor of architecture

Bartsvis
Baccalauréat en arts visuels

BASc
Bachelor of applied science

BA(spPh)
Baccalauréat ès arts avec spécialisation en philosophie

BAwithSecretarialCertificate
Bachelor of arts with secretarial certificate

BBA
Bachelor of business administration

BCat
Baccalauréat en catéchèse

BCL
Bachelor of canon law
Bachelor of civil law

BCom
Baccalauréat en commerce
Bachelor of commerce

BComm
Bachelor of commerce

BCom(Sports Administration)
Bachelor of commerce in sports administration

BCS
Bachelor of computer science

BD
Bachelor of divinity

BDC
Baccalauréat en droit canonique

BDes
Bachelor of design

BDI
Baccalauréat en design industriel

BE
Bachelor of science in engineering

BEAD
Bachelor of education

BEd Baccalauréat en éducation Baccalauréat en éducation (enseignement aux inadaptés) Baccalauréat en éducation (enseignement élémentaire) Baccalauréat en éducation (enseignement secondaire) Bachelor of education	BLA Bachelor of landscape architecture
BEdPhy Baccalauréat en éducation – physique	BLArch Bachelor of landscape architecture
BEdPhys Baccalauréat en éducation physique Bachelor of physical education	BLaws Bachelor of laws
BEE Baccalauréat d'enseignement à l'élémentaire	BLS Bachelor of library science
BEng Bachelor of engineering	BLT Bachelor of laboratory technology
BEngM Bachelor of engineering and management	BManSc Bachelor of management sciences
BES Bachelor of environmental studies	BMath Bachelor of mathematics
BESc Bachelor of engineering science	BMed Bachelor of music education
BET Baccalauréat en études pastorales	BMin Bachelor of ministry
BFA Bachelor of fine arts	BMRS Bachelor of medical record science
BGS Bachelor of general studies	BMS Bachelor of medical science
BHD Baccalauréat en hygiène dentaire	BMus Baccalauréat en musique Baccalauréat en musique avec spécialisation Bachelor of music
BHE Bachelor of home economics	BMusA Bachelor of musical arts
BHEc Bachelor of home economics	BMusandBMusEd Bachelor of music and bachelor of music education.
BID Bachelor of interior design	BMusEd Bachelor of music education
BIS Bachelor of independent studies	BMus(Perf) Bachelor of music in performance
BJ Bachelor of journalism	BN Bachelor of nursing Degree program for registered nurses
	BNurs Baccalauréat en nursing

BOT Bachelor of occupational therapy	BSc(AAMed) Bachelor of science (art as applied to medicine)
BPaed Bachelor of pedagogy	BScact Baccalauréat ès sciences de l'actuariat
BPE Bachelor of physical education	BScadm Baccalauréat en sciences de l'administration
BPh Baccalauréat en philosophie Bachelor of philosophy	BSc(AE) Bachelor of science in agricultural engineering
BPharm Baccalauréat en pharmacie	BSc(Agr) Bachelor of science in agriculture
BPHE Baccalauréat en éducation physique et hygiène Bachelor of physical and health education	BSc(AgrEng) Bachelor of science in agricultural engineering
BPs Baccalauréat en psychologie	BScapp Baccalauréat ès sciences appliquées
BPsy Baccalauréat en psychologie	BSc(Arch) Bachelor of science (architecture)
BPT Bachelor of physical therapy	BSc/BEd Combined bachelor of science and bachelor of education
BPubAd Bachelor of public administration	BSc(CD) Bachelor of science in communication disorders
BRE Bachelor of recreation education	BSc(CE) Bachelor of science in civil engineering
BSA Bachelor of science in agriculture Bachelor of secretarial administration Bachelor of secretarial arts	BScCom Baccalauréat spécialisé en sciences commerciales
BSc Baccalauréat ès sciences Bachelor of science Bachelor of science (applied) Bachelor of science in agriculture Bachelor of science in engineering Bachelor of science in forestry Bachelor of science in nursing Bachelor of science in nursing for registered nurses Bachelor of science in pharmacy Bachelor of science in speech pathology and audiology	BScCS Bachelor of science in computer science
BScA Baccalauréat ès sciences appliquées Baccalauréat ès sciences appliquées et diplôme d'ingénieur	BScD Bachelor of science in dentistry
	BSc(Diét) Baccalauréat ès sciences avec spécialisation en diététique
	BSc(Diet) Bachelor of science in dietetics
	BSc(DipEng) Bachelor of science with a diploma in engineering
	BScDom Baccalauréat en sciences domestiques
	BSc(E) Bachelor of science in engineering

BScEd Baccalauréat ès sciences de l'éducation Bachelor of science in education	BSc(HEcon) Bachelor of science in home economics
BSc(Edphys) Baccalauréat ès sciences (éducation physique)	BSc(Inf) Baccalauréat en sciences infirmières
BSc(EducPrésEnsElém) Baccalauréat ès sciences (éducation préscolaire et enseignement élémentaire)	BSc(Kin) Baccalauréat ès sciences en kinanthropologie Bachelor of science in kinanthropology
BSc(EE) Bachelor of science in electrical engineering	BSc(Kinesiology) Bachelor of science in kinesiology
BSc(Eng) Bachelor of science in engineering	BSc(ME) Bachelor of science in mechanical engineering
BSc(Engin) Bachelor of science for engineering	BSc(Med) Bachelor of science in medicine
BSc(EngMgt) Bachelor of science in engineering management	BSc(MLS) Bachelor of science in medical laboratory science
BSc(EngPhy) Bachelor of science in engineering physics	BSc(MLT) Degree in medical laboratory technology
BSc(erg) Baccalauréat ès sciences (ergothérapie)	BScN Baccalauréat en sciences infirmières Bachelor of science in nursing
BScF Bachelor of science in forestry	BSc(N) Bachelor of science in nursing
BSc(FdSc) Bachelor of science in food science	BSc(nut) Baccalauréat ès sciences (nutrition)
BScFE Bachelor of science in forest engineering	BSc(OccTher) Bachelor of science in occupational therapy
BSc(FoodSci) Bachelor of science in food science	BSc(orthoetaudio) Baccalauréat ès sciences (orthophonie et audiologie)
BSc(FSc) Bachelor of science in food science	BSc(OT) Bachelor of science in occupational therapy
BSc(GE) Bachelor of science in geological engineering	BSc(PE) Bachelor of science in physical education
BScGest Baccalauréat spécialisé en sciences de la gestion	BSc(Pharm) Bachelor of science in pharmacy
BSc(HE) Bachelor of science (home economics)	BSc(phm) Baccalauréat ès sciences (pharmacie)
BScHEc Bachelor of science in home economics	BScPhm Bachelor of science in pharmacy
BSc(HEc) Bachelor of science in household economics	BScPhysEd Bachelor of science in physical education

BSc(physio) Baccalauréat ès sciences (physiothérapie)	BSpAdm Baccalauréat spécialisé en administration
BSc(PhysTher) Bachelor of science in physical therapy	BSpAdm(recherche opérationnelle) Baccalauréat spécialisé en administration (recherche opérationnelle)
BSc(Ps) Baccalauréat ès sciences (psychologie)	BSpAdm(sciences comptables) Baccalauréat spécialisé en administration (sciences comptables)
BSc(pséd) Baccalauréat ès sciences (psychoéducation)	BSpAnimCult Baccalauréat spécialisé en animation culturelle
BSc(PT) Bachelor of science in physical therapy	BSpArtDramatique Baccalauréat spécialisé en art dramatique
BSc(Réc) Baccalauréat ès sciences en récréologie	BSpArtsPl Baccalauréat spécialisé en arts plastiques
BSc(Rec) Bachelor of science in recreology	BSpDesign(2D) Baccalauréat spécialisé en design (2D)
BScsanté Baccalauréat ès sciences de la santé	BSpDesign(3D) Baccalauréat spécialisé en design (3D)
BSc(ScDom) Baccalauréat ès sciences avec spécialisation en sciences domestiques	BSPE Bachelor of science in physical education
BScsoc Baccalauréat en sciences sociales Baccalauréat ès sciences sociales	BSpEc Baccalauréat spécialisé en économique
BSectA Bachelor of secretarial arts	BSpEdCult Baccalauréat spécialisé en éducation culturelle
BServsoc Baccalauréat en service social	BSpEdPh Baccalauréat spécialisé en éducation physique
BSF Bachelor of science in forestry	BSpEnsArtsPl Baccalauréat spécialisé d'enseignement (arts plastiques)
BSHEc Bachelor of science in home economics	BSpEns(éducation physique) Baccalauréat spécialisé d'enseignement (éducation physique)
BSL Baccalauréat en sciences du langage Bachelor of science in language	BSpEnsEl Baccalauréat spécialisé d'enseignement élémentaire
BSN Bachelor of science in nursing	BSpEns(enfance inadaptée) Baccalauréat spécialisé d'enseignement (enfance inadaptée)
BSocSc Bachelor of social sciences	BSpEns(musique) Baccalauréat spécialisé d'enseignement (musique)
BSP Bachelor of science in pharmacy	BSpEnsPréc Baccalauréat spécialisé d'enseignement préscolaire
	BSpEnsProf(électrotechnique) Baccalauréat spécialisé d'enseignement professionnel (électrotechnique)

BSpEnsProfSec

Baccalauréat spécialisé d'enseignement professionnel secondaire

BSpEnsProf(techniques de la mécanique)

Baccalauréat spécialisé d'enseignement professionnel (techniques de la mécanique)

BSpEnsSec(administration)

Baccalauréat spécialisé d'enseignement secondaire (administration)

BSpEnsSec(anglais)

Baccalauréat spécialisé d'enseignement secondaire (anglais)

BSpEnsSec(biologie)

Baccalauréat spécialisé d'enseignement secondaire (biologie)

BSpEnsSec(études françaises)

Baccalauréat spécialisé d'enseignement secondaire (études françaises)

BSpEnsSec(géographie)

Baccalauréat spécialisé d'enseignement secondaire (géographie)

BSpEnsSec(histoire)

Baccalauréat spécialisé d'enseignement secondaire (histoire)

BSpEnsSec(lettres françaises)

Baccalauréat spécialisé d'enseignement secondaire (lettres françaises)

BSpEnsSec(mathématiques)

Baccalauréat spécialisé d'enseignement secondaire (mathématiques)

BSpEnsSec(physique)

Baccalauréat spécialisé d'enseignement secondaire (physique)

BSpEnsSec(sciences religieuses)

Baccalauréat spécialisé d'enseignement secondaire (sciences religieuses)

BSpEns(sexologie)

Baccalauréat spécialisé d'enseignement de la sexologie

BSpEnsTech

Baccalauréat spécialisé d'enseignement technique

BSpGénagogie

Baccalauréat spécialisé en génagogie

BSpGéogr

Baccalauréat spécialisé en géographie

BSpH

Baccalauréat spécialisé en histoire

BSpHdel'art

Baccalauréat spécialisé en histoire de l'art

BSpInformCult

Baccalauréat spécialisé en information culturelle

BSpInformScoletProf

Baccalauréat spécialisé d'information scolaire et professionnelle

BSpLangMod(études anglaises)

Baccalauréat spécialisé en langues modernes (études anglaises)

BSpLCl(études anciennes)

Baccalauréat spécialisé en lettres classiques (études anciennes)

BSpL(études françaises)

Baccalauréat spécialisé en lettres (études françaises)

BSpLing

Baccalauréat spécialisé en linguistique

BSpL (lettres québécoises)

Baccalauréat spécialisé en lettres (littérature québécoise)

BSpMus

Baccalauréat spécialisé en musique

BSpPh

Baccalauréat spécialisé en philosophie

BSpPs

Baccalauréat spécialisé en psychologie

BSpRechCult

Baccalauréat spécialisé en recherche culturelle

BSpRécéol

Baccalauréat spécialisé en récréologie

BSpRelHum

Baccalauréat spécialisé en relations humaines

BSpScA(génie chimique)

Baccalauréat spécialisé en sciences appliquées (génie chimique)

BSpScA(génie civil)

Baccalauréat spécialisé en sciences appliquées (génie civil)

BSpScA(génie électrique)

Baccalauréat spécialisé en sciences appliquées (génie électrique)

BSpScA(génie géologique)

Baccalauréat spécialisé en sciences appliquées (génie géologique)

BSpScA(génie industriel)

Baccalauréat spécialisé en sciences appliquées (génie industriel)

BSpScA(génie mécanique)

Baccalauréat spécialisé en sciences appliquées (génie mécanique)

BSpScA(génie médical)	BSpTrSoc
Baccalauréat spécialisé en sciences appliquées (génie médical)	Baccalauréat spécialisé en travail social
BSpScA(génie physique)	BSR
Baccalauréat spécialisé en sciences appliquées (génie physique)	Bachelor of science in rehabilitation
BSpScA(science du matériau)	BSSoc
Baccalauréat spécialisé en sciences appliquées (science du matériau)	Baccalauréat en service social
BSpSc(biochimie)	BSW
Baccalauréat spécialisé en sciences (biochimie)	Baccalauréat en service social
BSpSc(biologie)	Bachelor of social welfare
Baccalauréat spécialisé en sciences (biologie)	Bachelor of social work
BSpSc(biophysique)	BT
Baccalauréat spécialisé en sciences (biophysique)	Bachelor of teaching
BSpSc(chimie)	BTech(Business Management)
Baccalauréat spécialisé en sciences (chimie)	Bachelor of technology in business management
BSpScEd	BTech(Geodetic Sciences)
Baccalauréat spécialisé en sciences de l'éducation	Bachelor of technology in geodetic sciences
BSpSc(géographie-physique)	BTh
Baccalauréat spécialisé en sciences (géographie-physique)	Baccalauréat en théologie
BSpSc(géologie)	Bachelor of theology
Baccalauréat spécialisé en sciences (géologie)	BThPast
BSpSc(mathématiques)	Baccalauréat en théologie pastorale
Baccalauréat spécialisé en sciences (mathématiques)	BTrad
BSpSc(physio-chimie)	Baccalauréat en traduction
Baccalauréat spécialisé en sciences (physio-chimie)	CAPES
BSpSc(physique)	Certificat d'aptitudes pédagogiques à l'enseignement secondaire
Baccalauréat spécialisé en sciences (physique)	CEC
BSpScPol	Certificat pour l'enseignement collégial
Baccalauréat spécialisé en science politique	CEE
BSpScRel	Certificat pour l'enseignement élémentaire
Baccalauréat spécialisé en sciences religieuses	CertAppSci
BSpScSanté(biologie)	Certificat of applied science
Baccalauréat spécialisé en sciences de la santé (biologie)	CertPA
BSpScSanté(nursing)	Certificat in public administration
Baccalauréat spécialisé en sciences de la santé (nursing)	CertPHN
BSpSoc	Certificat in public health nursing, general
Baccalauréat spécialisé en sociologie	CES
BSpTh	Certificat pour l'enseignement secondaire
Baccalauréat spécialisé en théologie	CGA
	Diplôme de l'Association des comptables généraux du Québec

CPH Certificate in public health	DipEd Diploma in education
CPSS Certificate in public service studies	DipEdAdmin Postgraduate diploma in education administration
DCC Diploma in clinical chemistry	Dip(Eng) Diploma in engineering
DCL Doctor of civil law	DipEngTechnol Diploma in engineering technology
DD Doctor of divinity	DipForTechnol Diploma in forest technology
DDPH Diploma in dental public health	DipHA Diploma in hospital administration
DDS Doctorat en chirurgie dentaire Doctor of dental surgery	DipinEng Diploma in engineering
DEd Doctor of education	Dipladm Diplôme en administration
DEng Doctor of engineering	DipLEtSpécServSoc Diplôme d'études spécialisées en service social
DèsL Doctorat ès lettres	DipLibTechnol Diploma in library technology
DHP Diplôme en hygiène publique	DipNSA Diploma in nursing service administration
DIH Diploma in industrial health	DipNutrit Diploma in nutrition
DipAnaes Diploma in anaesthesia	DipOphthSc Diploma in ophthalmic science
DipBact Diploma in bacteriology	DipDPN Diploma in outpost nursing
DipBusAdmin Diploma in business administration	DipOralSurg Diploma in oral surgery and anaesthesia
DipCS Diploma in child study	DipOrthodont Diploma in orthodontics
DipDentHyg Diploma in dental hygiene	DipPaedodont Diploma in paedodontics
DipDHyg Diploma in dental hygiene	DipPandOT Diploma in physical and occupational therapy
DipEandCH Diploma in epidemiology and community health	DipPeriodont Diploma in periodontics

DipPHN
Diploma in public health nursing

DipPhysio
Diploma in physiotherapy

DipSpeechPathandAud
Diploma in speech pathology and audiology

DipSW
Diploma of social work

DipUandRP
Diploma in urban and regional planning

DJur
Doctor juris
Doctor of jurisprudence

DLitt
Doctor of letters

DMD
Doctor of dental medicine
Doctor of dentistry

DMR
Diploma in medical radiology

DMR(D)
Diploma in radiology (diagnosis)

DMus
Doctorat en musique

DMV
Doctorat en médecine vétérinaire

DPA
Graduate diploma in public administration

DPH
Diploma in public health

DPh
Doctorat en philosophie
Doctor of philosophy

DPs
Doctorat en psychologie

DPsy
Doctorat en psychologie

DPsych
Diploma in psychiatry

DSc
Doctorat ès sciences
Doctor of science

DScA
Doctorat ès sciences appliquées

DScAdm
Doctorat en sciences de l'administration

DScEd
Doctorat en sciences de l'éducation

DSc(énergie)
Doctorat ès sciences (énergie)

DScH
Doctorat ès sciences en hygiène

DScSoc
Doctorat en sciences sociales

DSW
Doctor of social work

DTh
Doctorat en théologie
Doctor of theology

DTh(Miss)
Doctor in theology in mission studies

DTh/ScMiss
Doctorat en théologie en sciences missionnaires

DVM
Doctor of veterinary medicine

DVPH
Diploma in veterinary public health

EdD
Doctor of education

JCB
Baccalauréat en droit canonique
Bachelor of canon law

JCD
Doctorat en droit canonique
Doctor in canon law

JCL
Licentiate in canon law

LDC
Licence en droit canonique

Ld'ensél	Master of arts in theology
Licence d'enseignement élémentaire	MAC
Ld'enssec	Maîtrise en administration correctionnelle
Licence d'enseignement secondaire	MA(CL)
LicDipMus	Master of arts in canon law
Licentiate diploma in music	MA(Crim)
LLB	Maîtrise ès arts en criminologie
Baccalauréat en droit	Master of arts in criminology
Bachelor of laws	MA(DC)
LLD	Maîtrise ès arts en droit canonique
Doctorat en droit	MAdm
LLL	Maîtrise en administration
Licence en droit	MA(économique)
LLM	Maîtrise ès arts (économique)
Maîtrise en droit	MA(Ed)
Master of laws	Maîtrise ès arts en éducation
LMus	Master of arts in education
Licentiate in music	MA(Education)
LMusWesternBoard	Master of arts (education)
Licentiate in music	MA(études littéraires)
LPh	Maîtrise ès arts (études littéraires)
Licence en philosophie	MAGuid
Licentiate in philosophy	Master of arts in guidance
LSscompt	MA(histoire)
Licence en sciences comptables	Maîtrise ès arts (histoire)
LScO	MAinEducation
Licence en optométrie	Master of arts in education
LST	MAinGuidance
Licentiate in sacred theology	Master of arts in guidance
LT	MAinTeaching
Certificate in hospital laboratory technology	Master of arts in teaching
LTh	MA(lettres)
Licence en théologie	Maîtrise ès arts (lettres)
Licentiate in theology	MAm(Arch)
MA	Maîtrise en aménagement
Maîtrise ès arts	MA(Miss)
Master of arts	Master of arts in mission studies
Master of arts in education	
Master of arts in history	
Master of arts in musicology	
Master of arts in philosophy	
Master of arts in public administration	

MA(MissStud) Master of arts in mission studies	MBA/LLB Combined master of business administration and bachelor of laws
MAP Maîtrise en administration publique	MBibl Maîtrise en bibliothéconomie
MA(Ph) Maîtrise ès arts en philosophie Master of arts in philosophy	MCA Master of correctional administration
MA(philosophie) Maîtrise ès arts (philosophie)	MCEd Master of continuing education
MA(Ps) Maîtrise ès arts en psychologie Master of arts in psychology	MCL Master of canon law Master of civil law
MA(psychologie) Maîtrise ès arts (psychologie)	MClSc Master of clinical science
MArch Maîtrise en architecture Master of architecture	MCom Master of commerce
MAS Maîtrise en administration de la santé	MCP Master of city planning
MASc Master of applied science	MD Doctorat en médecine Doctor of medicine
MA(science politique) Maîtrise ès arts (science politique)	MDC Maîtrise en droit canonique
MA(sciences médiévales) Maîtrise ès arts en sciences médiévales	MD,CM Doctor of medicine and master of surgery
MA(sciences religieuses) Maîtrise ès arts (sciences religieuses)	MDiv Master of divinity
MA(ScMiss) Maîtrise ès arts en sciences missionnaires	MDroit Maîtrise en droit
MA(sociologie) Maîtrise ès arts (sociologie)	MEd Maîtrise en éducation Master of education Master of education in administration
MA(Th) Maîtrise ès arts en théologie Master of arts in theology	MEdAdmScol Maîtrise en éducation option administration scolaire
MA(théologie) Maîtrise ès arts (théologie)	MEDes Master of environmental design
MBA Maîtrise en administration des affaires Maîtrise en gestion des affaires Master of business administration	MEdPhys Maîtrise en éducation physique
	MEng Master of engineering

MEng(Mining) Master of engineering (mining)	MN(Teaching) Master of nursing (teaching)
MER Maîtrise en éducation religieuse	MNurs Maîtrise en nursing
MES Master in environmental studies	MOA Maîtrise en orthophonie et audiologie
MESc Master of engineering science	MOr Maîtrise en orientation
MF Master of forestry	MPA Master of public administration
MFA Master of fine arts	MPAandDPA Master of public administration and graduate diploma in public administration
MHA Master of health administration Master of hospital pharmacy	MPast Maîtrise en pastorale Master of pastoral studies
MHSA Master of health services administration	MPE Master of physical education
MInfScolProf Maîtrise en information scolaire et professionnelle	MPh Maîtrise en philosophie
MIng Maîtrise en ingénierie	MPhil Master of philosophy
MLabSc Master of laboratory science	MPhysEd Master of physical education
MLS Master of library science Master of library service	Mprofpast Maîtrise professionnelle en pastorale
MMA Master of musical arts	MPs Maîtrise en psychologie Master of psychology
MManSc Master of management sciences	MPséd Maîtrise en psychoéducation
MMath Master of mathematics	MPsy Maîtrise en psychologie
MMus Maîtrise en musique Master of music	MRE Master of religious education
MMuseol Master of museology	MSc Maîtrise ès sciences Master of science Master of science in agriculture Master of science in business administration Master of science in commerce

Master of science in engineering	MSc(Kin)
Master of science in forestry	Maîtrise ès sciences en kinanthropologie
Master of science in medicine	Master of science in kinanthropology
Master of science in pharmacy	MSc(Kinesiology)
Master of science (medical science)	Master of science (kinesiology)
MScA	MSc(mathématiques)
Maîtrise ès sciences appliquées	Maîtrise ès sciences (mathématiques)
MScA(électrothermique)	MScN
Maîtrise en sciences appliquées (électrothermique)	Master of science in nursing
MSc(Appl)	MSc(nut)
Master of science (applied)	Maîtrise ès sciences (nutrition)
MSc(biologie dentaire)	MSc(orthodontie)
Maîtrise en biologie dentaire	Maîtrise ès sciences en orthodontie
MSc(chimie)	MScPhm
Maîtrise ès sciences (chimie)	Master of science in pharmacy
MScCS	MSc(physique)
Master of science in computer science	Maîtrise ès sciences (physique)
MScD	MSc(Pl)
Master of science in dentistry	Master of science in urban and regional planning
MScE	MScSanté(sport)
Master of science in engineering	Maîtrise en sciences de la santé (sport)
MSc(eau)	MScSoc
Maîtrise ès sciences (eau)	Maîtrise en sciences sociales
MScEd	MScV
Maîtrise en sciences de l'éducation	Maîtrise en sciences vétérinaires
Maîtrise ès sciences de l'éducation	MSD
MSc(Edphys)	Doctorate in mediaeval studies
Maîtrise ès sciences (éducation physique)	MServSoc
MSc(Education)	Maîtrise en service social
Master of science (education)	MSL
MSc(énergie)	Licentiate in mediaeval studies
Maîtrise ès sciences (énergie)	MSN
MSc(Eng)	Master of science in nursing
Master of science in engineering	MSW
MScF	Master of social work
Master of science in forestry	MTh
MScGest	Maîtrise en théologie
Maîtrise en sciences de la gestion	Master of theology
MScH	MThpast
Maîtrise ès sciences en hygiène	Maîtrise en théologie pastorale

MTrad	PhD(DC)
Maîtrise en traduction	Doctorat en philosophie en droit canonique
MTS	PhD(Ph)
Master of theological studies	Philosophiae doctor (philosophie)
MusB	PhD(Ps)
Bachelor of music	Philosophiae doctor en psychologie
MusBac	PhD(science médiévales)
Bachelor of music	Philosophiae doctor en sciences médiévales
Bachelor of music in performance	
MusDoc	PhD(Th)
Doctor of music	Doctorat en philosophie en théologie
	Doctor of philosophy in theology
MusM	PhilM
Master of music	Master of philosophy
MVA	RIA
Master of visual arts	Diplôme de la Société des comptables en administration et prix de revient
OD	RMC
Doctor of optometry	Degree or diploma from Royal Military College of Canada
PhD	STB
Doctorat	Bachelor of sacred theology
Doctorat en aménagement	STM
Doctorat en philosophie	Master of sacred theology
Doctorat ès sciences appliquées	TchrCertOccTher
Doctor of philosophy	Certificate as a teacher of occupational therapy
Doctor of philosophy in agriculture	TchrCertPhysTher
Doctor of philosophy in engineering	Certificate as a teacher of physical therapy
Doctor of philosophy in forestry	
Doctor of philosophy in medicine	ThD
Doctor of philosophy in theology	Doctor of theology
Doctor of philosophy (medical science)	
Philosophiae doctor	ThM
	Master of theology
PhD(CL)	
Doctor of philosophy in canon law	

GLOSSARY

Le texte français se trouve à la suite/French version follows

Explanations of terms are intended as an interpretation of common usage in Canada. Exceptional uses will be noted throughout the handbook, but usually in a context which makes the meaning clear.

AFFILIATED COLLEGE. A college which is administratively independent but whose academic affairs are governed by the senate of the university to which it is affiliated. Instruction is given to the college but degrees are awarded by the university.

APPROVED TEACHING CENTRE. The term used by The University of Manitoba to indicate an unaffiliated college whose students may prepare for and write the examinations set by the university, for credit toward the degree of the university in a limited number of courses.

ASSISTANTSHIP. An award, usually to a graduate student, in return for which part-time instructional service is to be given.

ASSOCIATED INSTITUTIONS. A generic term including federated universities and colleges, and affiliated colleges.

ASSOCIATED UNIVERSITY. Rare. See federated university.

BURSARY. A monetary award to assist a student in the pursuit of his studies, based on financial need and satisfactory academic achievement.

CAMPUS. University buildings and the site on which they are located.

CO-EDUCATIONAL. Refers to university or college which admits both men and women.

COLLEGE. An institution of post-secondary education which usually has only one faculty. It may award a first degree but is more likely to be affiliated to a university by which degrees are conferred on its students. This word is also used in the names of secondary schools, teacher training institutions, private and business training schools.

COLLEGE OF APPLIED ARTS AND TECHNOLOGY. The term used in Ontario to designate a two- or three-year post-secondary institute of higher education offering courses which lead to non-university diplomas.

COLLEGE OF GENERAL AND VOCATIONAL EDUCATION. A college in the province of Quebec offering the 13th and 14th years of schooling.

COMMUNITY COLLEGE. One of the terms current with reference to a two- or three-year post-secondary, non-university institution of higher education offering courses which may be credited toward a university degree and also courses which lead to non-university diplomas.

CONSTITUENT COLLEGE. A college which is an integral part of a university, governed by the university administration and sharing the university's budget.

CREDIT. When a student is given credit for a university subject, he is exempted from it and the number of subjects required for the degree is thus reduced. This word is also used to indicate a unit of study which has been completed and may be counted toward a degree.

DEPARTMENT. A sub-division of a faculty or school, usually devoted to a single discipline, e.g., history.

EXHIBITION. Rare. Similar to a scholarship.

EXTENSION DEPARTMENT COURSES. Programs for those not enrolled as full-time candidates for degrees. Sometimes conducted on campus, sometimes in centres away from the campus. Essentially adult education.

FACULTY. Most university teaching is organized in a group of faculties, e.g., arts, law, medicine. Occasionally the word "college" is used in this way. The word "faculty" is used also to mean the teaching staff.

FEDERATED COLLEGE OR UNIVERSITY. An institution which holds its degree-granting powers (usually with the exception of those in theology) in abeyance during the term of federation with another university. The working relationship between the two institutions is much the same as between an affiliated college and its parent university.

FELLOWSHIP. Similar to a scholarship, but usually for graduate studies and research. Sometimes some teaching service is expected of the recipient.

FIRST YEAR, SECOND YEAR, ETC., OF COURSE. Counting from junior or senior matriculation, depending on which is the minimum level of admission to the faculty concerned.

FOREIGN STUDENT, INTERNATIONAL STUDENT, STUDENT FROM ABROAD. One who is temporarily resident in Canada for the purpose of securing education.

FRESHMAN, SOPHOMORE, JUNIOR, SENIOR YEAR OF COURSE. First, second, third, fourth year, usually counting from the junior matriculation level.

GENERAL COURSE. Sometimes referred to as a general program. An unspecialized university course, commonly leading to a bachelor's degree in four years beyond junior matriculation, or three years beyond senior matriculation.

GRADUATE STUDENT. One working toward a higher degree or diploma in a given discipline.

GRANT-IN-AID. Ordinarily, of research.

HONORS COURSE. Sometimes referred to as an honors program. A specialized university course, sometimes of the same length as the pass or general course, more often one year longer.

INSTITUTE. Usually a sub-division of a faculty or school, or a grouping of disciplines in more than one faculty or school, e.g., northern studies. Sometimes the equivalent of a school or faculty.

JUNIOR COLLEGE. A college which ordinarily gives instruction to within two years of a first or baccalaureate degree.

JUNIOR MATRICULATION. Eligibility for admission to university at the lower of the two common levels of entry. A student holding a secondary school graduation certificate may or may not have "junior matriculation" standing, depending on the number and pattern of the subjects taken and his standing on the examinations.

LOAN. Similar to a bursary except that it must be repaid, usually following termination of studies, and with interest.

ORDINARY COURSE. Same as "general course".

PASS COURSE. Same as "general course".

POST-SECONDARY. Describes a wide range of institutions open to high school matriculants and others who may qualify.

PRELIMINARY YEAR. When a university calls the course-year beyond senior matriculation "first year", but offers instruction in a course-year following junior matriculation, the latter is usually referred to as the "preliminary year".

QUALIFYING YEAR. Usually a course-year of further preparation, beyond the first degree, before entry as a candidate for a higher degree.

REGIONAL COLLEGE. The term used in British Columbia to designate a two- or three-year post-secondary institution of higher education administered by two or more neighboring school districts. Usually offers courses which may be credited toward a university degree and also courses which lead to non-university diplomas.

SCHOLARSHIP. A monetary award to assist a student in the pursuit of his studies, based on outstanding academic achievement but usually not on financial need.

SCHOOL. Usually a sub-division of a faculty. Sometimes used in the same way as the word "faculty".

SCHOOL DISTRICT COLLEGE. The term used in British Columbia to designate a two- or three-year post-secondary institution of higher education administered by a single school district. Usually offers courses which may be credited toward a university degree and also courses which lead to non-university diplomas.

SEMESTER. One of the terms or periods of instruction in a two-term academic year, usually of about fifteen weeks' duration.

SEMINARY. A theological training institution.

SENIOR MATRICULATION. Eligibility for admission to university at the higher of the two common levels of entry. Involves one year of study beyond the junior matriculation level.

STUDENT AID. Financial assistance to students to enable them to pursue their studies.

TERMINAL. Sometimes used to designate technical or occupational programs.

TRANSFER. Often used in reference to a program of studies designed to provide credits toward a baccalaureate degree.

TRIMESTER. One of the terms or periods of instruction in a three-term academic year, usually of about fifteen weeks' duration.

UNDERGRADUATE STUDENT. One working toward a first certificate, diploma or degree in a given discipline.

UNIVERSITY. An institution of post-secondary education, professional training, and research, which awards first and advanced degrees.

UNIVERSITY COLLEGE. A "constituent college". (See above.)

UNIT. See "Credit".

LEXIQUE

L'explication des termes se fonde sur l'usage commun au Canada. Les usages exceptionnels seront notés dans le manuel mais, généralement, le contexte en précise nettement les sens.

AIDE AUX ÉTUDIANTS. Aide financière accordée aux étudiants afin de leur permettre de poursuivre leurs études.

BACCALAURÉAT. Jusqu'à ce jour, premier grade universitaire décerné par les universités francophones. Cette définition est d'ailleurs insuffisante, car on appelle "baccalauréat" des grades distincts auxquels l'étudiant peut parvenir successivement, à quelques années d'intervalle: le baccalauréat décerné par la faculté des arts au terme des études pré-universitaires (dites collégiales), qui est d'ordinaire un baccalauréat général, et les baccalauréats de diverses facultés décernés seulement après

quelques années d'études supérieures. Dans les universités anglophones, on décerne des baccalauréats spécialisés, notamment en commerce, en éducation, au même niveau ou à peu près que le baccalauréat général francophone. Le rapport Parent propose la suppression aussi bien du baccalauréat général que du baccalauréat des facultés spécialisées. Le premier grade universitaire des facultés francophones serait dès lors la licence.

BOURSE. Octroi monétaire destiné à aider l'étudiant à poursuivre ses études; l'octroi se fonde sur les succès scolaires ou le besoin financier, ou les deux à la fois.

CENTRE D'ÉTUDES UNIVERSITAIRES. Institution prévue pour la province de Québec et destinée à assurer une partie de l'enseignement du premier grade universitaire (la première année ou les deux premières années) dans un nombre suffisant de disciplines de base et de spécialités.

CITÉ UNIVERSITAIRE. Les pavillons d'une université et le site où ils se trouvent.

COÉDUCATIONNELLE. A trait à une université qui admet les hommes et les femmes.

COLLÈGE AFFILIÉ. Collège indépendant du point de vue administratif, mais dont les programmes scolaires sont régis par le sénat de l'université à laquelle il est affilié. Le collège donne l'enseignement, mais l'université confère les grades.

COLLÈGE CONSTITUANT. Collège faisant partie intégrante d'une université, régi par l'administration de l'université et émergeant au budget de l'université.

COLLÈGE D'ENSEIGNEMENT GÉNÉRAL ET PROFESSIONNEL (CEGEP). Institution de la province de Québec, 13^e et 14^e années.

COLLÈGE UNIVERSITAIRE. Un collège constituant. (Voir ci-dessus.)

COURS AVEC MENTION. Cours collégial qui met l'accent sur une discipline, mais à un degré moindre que le "cours avec spécialisation".

COURS ORDINAIRE. Parfois désigné: cours général. Cours collégial non spécialisé, qui donne droit généralement au baccalauréat ès arts en quatre ans après l'immatriculation. Cours simple — même que le cours ordinaire.

COURS AVEC SPÉCIALISATION. Cours collégial spécialisé, généralement d'une durée égale à celle du cours ordinaire, mais qui comporte parfois une année de plus.

CRÉDIT. Lorsqu'un étudiant obtient crédit (équivalence) pour une matière universitaire, il en est exempté et le nombre de cours requis pour obtenir le grade est ainsi réduit. Ce mot sert également à indiquer une unité d'étude complétée qui entre en ligne de compte dans l'obtention d'un grade.

CULTURE POPULAIRE. Même sens que cours postsecondaires (extension).

DÉPARTEMENT. Subdivision d'une faculté ou d'une école, qui se consacre généralement à une seule discipline, par exemple: l'histoire.

DOCTORAT. Le plus élevé des grades que décernent traditionnellement les universités.

ÉCOLE. Généralement une subdivision d'une faculté. S'emploie parfois dans la même acception que le mot "faculté".

ÉCOLE AFFILIÉE OU ANNEXÉE. École alliée à la faculté d'une université à peu près de la même façon qu'un collègue affilié est allié à une université.

ENSEIGNEMENT NON CONFESIONNEL. École, enseignement, système scolaire qui ne se réfère à aucune confession religieuse. Il faut détacher la nature de la non-confessionnalité de l'ambiance et des habitudes caractéristiques d'une époque historique donnée. L'enseignement non confessionnel d'inspiration laïque militante n'était pas neutre au point de vue religieux, puisqu'il prenait parti contre la religion ou contre une religion particulière. De soi, l'enseignement non confessionnel est caractérisé fondamentalement par la neutralité en matière religieuse: ni les maîtres, ni l'établissement comme tels ne proposent aux élèves une option religieuse, quelle qu'elle soit. Cela ne veut pas dire que l'enseignant non confessionnel (...) élimine l'option religieuse en elle-même; c'est plutôt qu'il respecte toutes les options possibles en ne s'inspirant d'aucune à l'exclusion des autres. (Rapport Parent, Vol. 4, n° 120.)

ENSEIGNEMENT SUPÉRIEUR. Enseignement qui a pour objet de préparer à différentes carrières les candidats ayant fait des études équivalentes à celles du baccalauréat général, et de former dans tous les domaines de l'activité intellectuelle une élite capable de maintenir le niveau de la culture nationale et de faire progresser la recherche scientifique. Cet enseignement se donne d'ordinaire à l'université ou dans les grandes écoles.

ÉTUDES DU 1^{er} CYCLE. Études conduisant à l'obtention du premier grade universitaire, généralement le baccalauréat.

ÉTUDES DU 2^e CYCLE. Études conduisant à l'obtention de la maîtrise.

ÉTUDES DU 3^e CYCLE. Études conduisant à l'obtention du doctorat.

ÉTUDIANT DU NIVEAU POST-GRADE. Celui qui a obtenu un premier grade universitaire et prépare un grade ou diplôme supérieur.

ÉTUDIANT DU NIVEAU PRÉ-GRADE. Celui qui cherche à obtenir son premier diplôme ou grade universitaire dans une discipline donnée.

ÉTUDIANT ÉTRANGER. Étudiant qui habite temporairement au Canada afin de s'instruire.

EXTERNAT. Collège pour étudiants qui habitent à l'extérieur du collège.

FACULTÉ. Dans la plupart des universités, l'enseignement est réparti entre un groupe de facultés, par exemple: les facultés des arts, de droit, de médecine.

GRADE. Rang dans la hiérarchie universitaire: baccalauréat, licence, maîtrise, D.E.S. (diplôme d'études supérieures), doctorat, ou l'équivalent.

GRAND SÉMINAIRE. Institution donnant la formation nécessaire aux hommes qui possèdent le baccalauréat ès arts et qui se destinent à la prêtrise.

IMMATRICULATION JUNIOR. Fin du cycle de quatre ans d'études secondaires.

IMMATRICULATION SENIOR. Fin d'études préparatoires d'un an après le niveau de l'immatriculation junior.

INSTITUT. Subdivision d'une faculté ou d'une école, ou groupement de disciplines dans plus d'une faculté ou d'une école, par exemple: l'institut de géographie.

INSTITUTIONS ASSOCIÉES. Terme générique qui comprend les collèges et les séminaires affiliés, ainsi que les écoles annexées.

LICENCE. Grade universitaire, intermédiaire entre le baccalauréat de la faculté des arts et le doctorat.

MAÎTRISE. Grade universitaire, intermédiaire entre le baccalauréat et le doctorat.

PREMIÈRE ANNÉE, DEUXIÈME ANNÉE, ETC., D'ÉTUDES. A compter de l'immatriculation junior, de l'immatriculation senior ou du baccalauréat ès arts, selon le niveau minimum d'admission à la faculté intéressée.

PRÊT. Semblable à une bourse, sauf qu'il doit être remboursé, généralement après la fin des études et avec intérêt.

RECYCLAGE (COURS DE). Études de perfectionnement. Formation complémentaire ou entièrement nouvelle donnée à des cadres, à des fonctionnaires, pour leur permettre de s'adapter aux progrès industriels et scientifiques. Recyclage d'un ingénieur, d'un médecin.

SECONDAIRE V. Dernière année d'études secondaires (12^e année) dans la province de Québec.

SEMESTRE. Un des termes ou sessions de cours formant une année universitaire composée de deux termes, chacun étant environ de quinze semaines.

TRIMESTRE. Un des termes ou sessions de cours formant une année universitaire composée de trois termes, chacun étant environ de quinze semaines.

UNITÉ. Voir "credit".

UNIVERSITÉ. Institution d'enseignement supérieur, en vue des carrières libérales et de recherches, qui confère les premiers grades ainsi que des grades supérieurs.

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La bibliographie qui suit tente de faire la rétrospective des principaux documents publiés depuis 1968 sur l'enseignement supérieur au Canada. Tous les livres peuvent être EMPRUNTÉS de la bibliothèque de l'AUCC, 151, rue Slater, Ottawa K1P 5N1, à l'exception de ceux marqués d'un astérisque. Si vous voulez commander un livre, veuillez communiquer avec votre librairie locale ou l'éditeur. Les prix sont indiqués quand ils sont connus.

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Guidance. Various pagings. (\$3.00)

Legal education in Ontario, 1970. 159 p. (\$4.00)

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Manpower retraining programs in Ontario. 195 p. (\$3.00)

The Ontario colleges of applied arts and technology. 149 p. (\$2.00)

Organization of the academic year. 213 p. (\$3.00)

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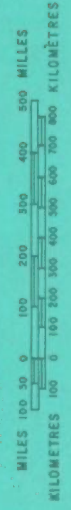
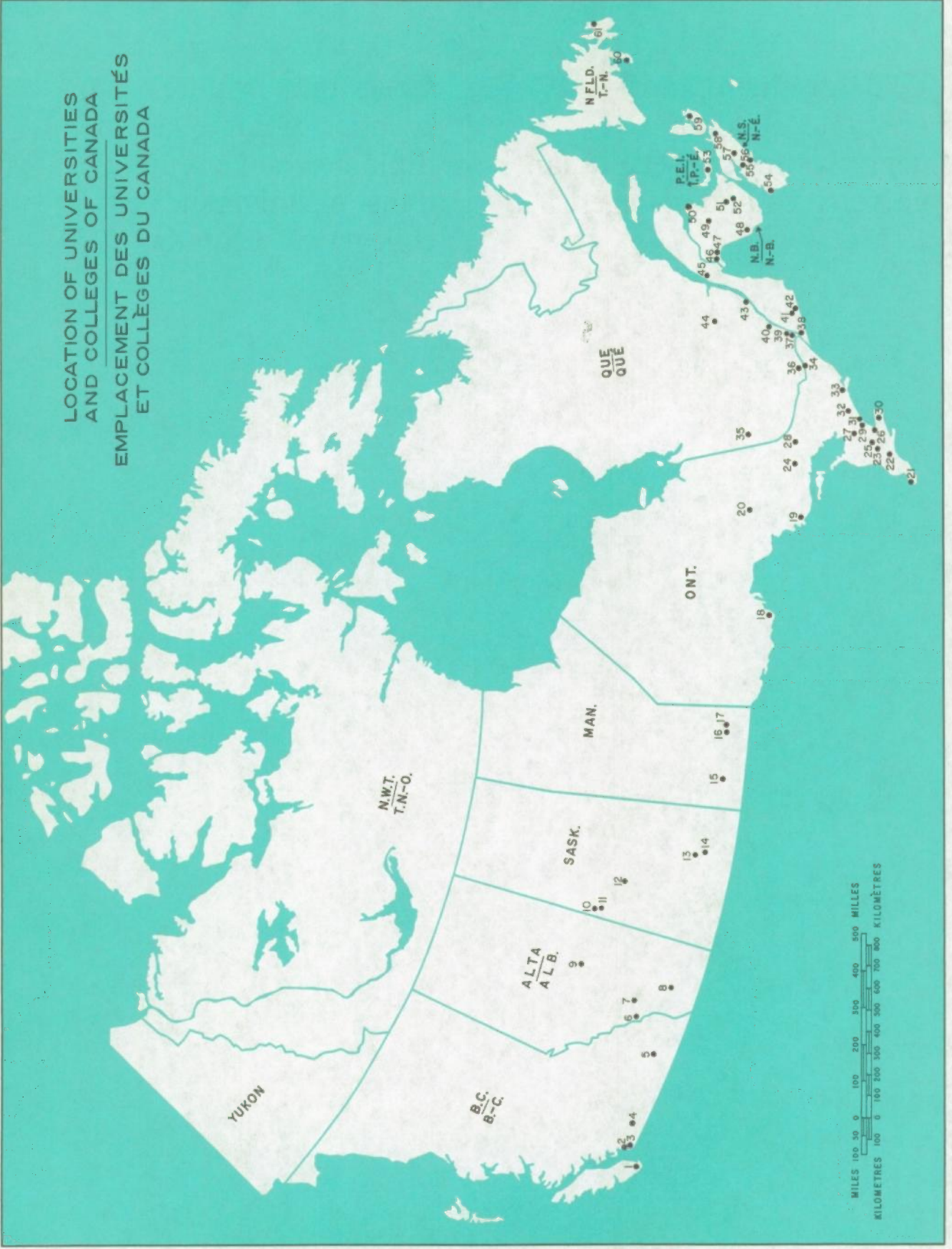
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degree courses at Canadian
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1973

Cours préparatoires à un
premier diplôme et à des
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collèges du Canada, 1973

LOCATION OF UNIVERSITIES
AND COLLEGES OF CANADA
EMPLACEMENT DES UNIVERSITÉS
ET COLLÈGES DU CANADA



LOCATION OF UNIVERSITIES AND COLLEGES IN CANADA

The above map indicates the location of all universities and colleges which offer university-level courses of study. Many of these institutions do not have separate entries in this directory, but are included in the entry for the institution to which they are affiliated, associated or federated or of which they are a constituent part.

Acadia University	Wolfville, Nova Scotia	55
Alberta, The University of	Edmonton, Alberta	9
Algoma College	Sault Ste Marie, Ontario	19
Assumption University	Windsor, Ontario	21
Atkinson College, Joseph E.	Toronto, Ontario	29
Atlantic Institute of Education	Halifax, Nova Scotia	56
Atlantic School, of Theology	Halifax, Nova Scotia	56
Banff School of Fine Arts	Banff, Alberta	6
Bathurst, Collège de	Bathurst (Nouveau-Brunswick)	49
Bishop's University	Lennoxville, Quebec	42
Brandon University	Brandon, Manitoba	15
Brescia College	London, Ontario	22
British Columbia, The University of	Vancouver, British Columbia	2
Brock University	St. Catharines, Ontario	30
Calgary, The University of	Calgary, Alberta	7
Calumet College	Toronto, Ontario	29
Campion College	Regina, Saskatchewan	13
Canadian Mennonite Bible College	Winnipeg, Manitoba	16
Carleton University	Ottawa, Ontario	34
Christ the King, Seminary of	Mission City, British Columbia	4
Christian Brothers College	Mono Hills, Ontario	27
Conrad Grebel College	Waterloo, Ontario	23
Dalhousie University	Halifax, Nova Scotia	56
Direction des études universitaires du Québec dans l'Outaouais	Hull (Québec)	36
Dominicain de philosophie et de théologie, Collège	Ottawa (Ontario)	34
Emmanuel and St. Chad, College of	Saskatoon, Saskatchewan	12
Emmanuel College	Toronto, Ontario	29
Erindale College	Clarkson, Ontario	29
Études universitaires de Rimouski, Le centre d'	Rimouski (Québec)	45
Founders College	Toronto, Ontario	29
"G" College	Toronto, Ontario	29
Glendon College	Toronto, Ontario	29
Guelph, University of	Guelph, Ontario	25
Hautes études commerciales, École des	Montréal (Québec)	37
Hearst, Collège de	Hearst, Ontario	20

EMPLACEMENT DES UNIVERSITÉS ET COLLÈGES DU CANADA

La carte ci-dessous localise toutes les universités et tous les collèges qui offrent des cours de niveau universitaire. Bon nombre de ces établissements ne sont pas mentionnés séparément dans le présent répertoire, mais sont compris dans la mention de l'université à laquelle ils sont affiliés, associés, fédérés ou dont ils forment une partie constituante.

Holy Redeemer College	Windsor, Ontario	21
Huntington University	Sudbury, Ontario	24
Huron College	London, Ontario	22
Ignatius College	Guelph, Ontario	25
Innis College	Toronto, Ontario	29
Jean-de-Brebeuf, Collège	Montréal (Québec)	37
Jésus-Marie, Collège	Shippegan (Nouveau-Brunswick)	50
King's College, University of	Halifax, Nova Scotia	56
King's College	London, Ontario	22
Knox College	Toronto, Ontario	29
Lakehead University	Thunder Bay, Ontario	18
Laurentienne University of	Sudbury, Ontario	24
Sudbury/Laurientienne de		
Sudbury, Université		
Laval, Université	Québec (Québec)	43
Lethbridge, The University of	Lethbridge, Alberta	8
Loyola College	Montreal, Quebec	37
Lutheran Theological Seminary	Saskatoon, Saskatchewan	12
Luther College	Regina, Saskatchewan	13
Maillet, Collège	Saint-Basile (Nouveau-Brunswick)	47
Manitoba, The University of	Winnipeg, Manitoba	16
Marianopolis College	Montreal, Quebec	37
Maritime Forest Ranger School, The	Fredericton, New Brunswick	48
McGill University	Montreal, Quebec	37
McLaughlin College	Toronto, Ontario	29
McMaster University	Hamilton, Ontario	26
McMaster Divinity College	Hamilton, Ontario	26
Memorial University of Newfoundland	St. John's, Newfoundland	61
Mennonite Brethren College of Arts	Winnipeg, Manitoba	16
Militaire royal de Saint-Jean, Collège	Saint-Jean (Québec)	38
Moncton, Université de	Moncton (Nouveau-Brunswick)	51
Montreal Diocesan Theological College, The	Montreal, Quebec	37
Montréal, Université de		
Mount Allison University	Montréal (Québec)	37
Mount St. Bernard College	Sackville, New Brunswick	52
Mount Saint Vincent University	Antigonish, Nova Scotia	58
Musique Vincent-D'Indy, École de	Halifax, Nova Scotia	56
	Outremont (Québec)	39

National de la recherche scientifique, L'Institut Nationale d'administration publique, L'École	Québec (Québec)	43	St. Charles Scholasticat	Battleford, Saskatchewan	11
New Brunswick Teachers College	Québec (Québec)	43	St. Francis Xavier University	Antigonish, Nova Scotia	58
New Brunswick, University of	Fredericton, New Brunswick	48	St. Jerome's College, The University of	Waterloo, Ontario	23
New College	Fredericton, New Brunswick	48	St. John's College	Winnipeg, Manitoba	16
Nipissing College	Fredericton, New Brunswick	29	Saint Joseph, Collège	Moncton (Nouveau-Brunswick)	51
Notre Dame of Canada College	North Bay, Ontario	28	St. Joseph's College	Edmonton, Alberta	9
Notre Dame University of Nelson	Wilcox, Saskatchewan	29	Saint Louis, Collège	Edmundston (Nouveau-Brunswick)	46
Nova Scotia Agricultural College	Nelson, British Columbia	14	St. Martha's School of Nursing	Antigonish, Nova Scotia	58
Nova Scotia College of Art and Design	Truro, Nova Scotia	5	Saint Mary's University	Halifax, Nova Scotia	56
Nova Scotia Technical College	Halifax, Nova Scotia	57	St. Michael's College, University of	Toronto, Ontario	29
Ontario Institute for Studies in Education	Halifax, Nova Scotia	56	Saint-Paul, Université/Saint Paul University	Ottawa (Ontario)	34
Ottawa, Université d'Ottawa, University of	Toronto, Ontario	29	St. Paul's College	Winnipeg, Manitoba	16
Polytechnique, École	Ottawa (Ontario)	34	St. Paul's College	Waterloo, Ontario	23
Presbyterian College of Montreal, The	Montréal (Québec)	37	St. Stephen's College	Edmonton, Alberta	9
Prince Edward Island, University of	Montréal, Québec	37	St. Thomas College	North Battleford, Saskatchewan	10
Québec, Université du	Charlottetown, Prince Edward Island	53	St. Thomas More College	Saskatoon, Saskatchewan	12
Québec à Chicoutimi, L'Université du	Québec (Québec)	43	Saskatchewan, University of	Fredericton, New Brunswick	48
Québec à Montréal, L'Université du	Chicoutimi (Québec)	44	Saskatoon Campus	Regina, Saskatchewan	13
Québec à Trois-Rivières, L'Université du	Montréal (Québec)	37	Scarborough College	Saskatoon, Saskatchewan	12
Queen's College	Trois-Rivières (Québec)	40	Services universitaires dans le nord-ouest québécois	Saskatoon, Saskatchewan	12
Queen's Theological College	St. John's Newfoundland	61	Sherbrooke, Séminaire de	West Hill, Ontario	29
Queen's University at Kingston	Kingston, Ontario	33	Sherbrooke, Université de	Rouyn (Québec)	35
Regis College	Kingston, Ontario	33	Simon Fraser University	Sherbrooke (Québec)	41
Renison College	Toronto, Ontario	29	Sir George Williams University	Burnaby, British Columbia	3
Royal Military College of Canada	Waterloo, Ontario	23	Stong College	Montréal, Québec	37
Royal Roads Military College	Kingston, Ontario	33	Sudbury, University of/Sudbury, Université de	Toronto, Ontario	29
Ryerson Polytechnical Institute	Victoria, British Columbia	1	Thorneloe University	Sudbury, Ontario	24
St. Andrew's College	Toronto, Ontario	29	Toronto, University of	Toronto, Ontario	29
St. Andrew's College	Saskatoon, Saskatchewan	12	Trent University	Peterborough, Ontario	32
Sainte-Anne, Le Collège	Winnipeg, Manitoba	16	Trinity College, University of	Toronto, Ontario	29
St. Augustine's Seminary	Church Point (Nouvelle-Écosse)	54	United Theological College of Montreal, The	Montréal, Québec	37
Saint-Boniface, Collège de	Scarborough, Ontario	29	University College	Sudbury, Ontario	24
St. Bride's College	Saint-Boniface (Manitoba)	17	University College	Toronto, Ontario	29
	Littledale, Newfoundland	60	University College		

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KEY

1. Doctorate
2. Master of philosophy (University of Toronto, Memorial University of Newfoundland and University of Waterloo)
3. Master
4. Licence
5. Graduate diploma
6. Bachelor or first professional degree (e.g. BA, BSc, MD, DVM, DMD, LLB), major specialization or concentration
7. Undergraduate diploma
8. Special certificate
9. Minor specialization only or courses offered

EXPLICATION DES NUMEROS

1. Doctorat
2. Maîtrise en philosophie (Université de Toronto, Université Memorial de Terre-Neuve et Université de Waterloo)
3. Maîtrise
4. Licence
5. Diplôme d'études supérieures
6. Baccalauréat ou premier diplôme professionnel (p. ex. BA, BSc, MD, DVM, DCD, LLB), spécialisation majeure ou concentration
7. Diplôme d'études pré-grade
8. Certificat spécial
9. Spécialisation mineure seulement ou cours offert

I General arts and science/Arts et sciences (plan d'études général)

Arts (E) (general program)

6	Acadia
6	Alberta
6	Bishop's
6	Brandon
6	Brescia ³
6	British Columbia
6	Brock
6	Calgary
6	Carleton
6	Christ the King
6	Dalhousie
6	Guelph
6	Huron ⁵
6	King's (Halifax) ⁷
6	King's (London) ⁸
6	Lakehead
6	Laurentian
6	Lethbridge
6	Loyola ⁹
6	Manitoba
6	McGill
6	McMaster
6	Memorial
6	Mount Allison
6	Mount Saint Vincent
6	New Brunswick
6	Notre Dame
6	Ottawa
6	Prince Edward Island
6	Queen's
6	Royal Military
6	St. Francis Xavier
6	St. Jerome's ¹²
6	St. John's ¹³
6	Saint Mary's
6	St. Michael's ¹⁴
6	St. Paul's (Winnipeg) ¹⁶
6	St. Thomas ¹⁷
6	St. Thomas More ¹⁸
6	Sainte-Anne
6	Saskatchewan at Regina
6	Saskatchewan at Saskatoon
6	Simon Fraser
6	Sir George Williams
6	Toronto
6	Trent
6	Trinity ¹⁹
6	Victoria (B.C.)
6	Victoria (Toronto) ¹⁹
6	Waterloo
6	Waterloo Lutheran
6	Western Ontario
6	Windsor
6	Winnipeg
6	York

Arts (applied)

6	Ryerson Polytechnical
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Arts (F) (plan d'études général)

6	Alberta (Saint-Jean)
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6	Laurentienne
6	Laval
6	Manitoba (Saint-Boniface)
6	Moncton
6	Ottawa
6	Québec à Chicoutimi
6	Québec à Montréal
6	Québec à Trois-Rivières
6	Québec - Centre d'études universitaires de Rimouski
6	Québec - Services universitaires du Nord-Ouest québécois
6	Sainte-Anne
6	Saskatchewan at Regina
6	Sherbrooke

Science (E) (general program)

6	Acadia
6	Alberta
6	Bishop's
6	Brandon
6	British Columbia
6	Brock
6	Calgary
6	Carleton
6	Dalhousie
6	Guelph
6	King's (Halifax) ⁷
6	Lakehead
6	Laurentian
6	Lethbridge
6	Loyola ⁹
6	Manitoba
6	McGill
6	McMaster
6	Memorial
6	Mount Allison
6	Mount Saint Vincent
6	New Brunswick
6	Notre Dame
6	Ottawa
6	Prince Edward Island
6	Queen's
6	Royal Military
6	St. Francis Xavier
6	St. John's ¹³
6	Saint Mary's
6	St. Michael's ¹⁴
6	St. Paul's (Winnipeg) ¹⁶
6	St. Thomas More ¹⁸
6	Saskatchewan at Regina
6	Saskatchewan at Saskatoon
6	Simon Fraser
6	Sir George Williams
6	Toronto
6	Trent
6	Trinity ¹⁹
6	Victoria (B.C.)
6	Victoria (Toronto) ¹⁹
6	Waterloo
6	Waterloo Lutheran
6	Western Ontario
6	Windsor
6	Winnipeg
6	York

Sciences (F) (plan d'études général)

6	Alberta (Saint-Jean)
6	Laurentienne
6	Laval
6	Moncton
6	Montréal
6	Ottawa
6	Québec à Chicoutimi
6	Québec à Montréal
6	Québec à Trois-Rivières
6	Québec - Centre d'études universitaires de Rimouski
6	Québec - Services universitaires du Nord-Ouest québécois
9	Sainte-Anne
6	Sherbrooke

Art, fine arts

3	6	9	Acadia
3	6		Alberta
	6		British Columbia
	6		Calgary
	6	9	Christ the King
	6		Guelph
	6		Lethbridge
	6	7	Manitoba
	6		McMaster
	6		Mount Allison
	6		Notre Dame
	6	7	Nova Scotia College of Art and Design
	6	9	Prince Edward Island
	6		Saskatchewan at Regina
	6		Saskatchewan at Saskatoon
	6		Sir George Williams
	6		Toronto
	6		Waterloo
	6		Western Ontario
	6		Windsor
	6		York

II Humanities/Humanités

1. General/Général

Humanistic studies

9	Lakehead
6	McGill

Humanities of science

9	Dalhousie
6	Sir George Williams

See also/Voir aussi:

Sciences humaines de la religion (sciences religieuses)

Art history, history of art

6	6	6	Alberta		
	6		British Columbia		
	6		Carleton		
1	3	6	McGill		
		6	McMaster		
		6	Ottawa		
		6	Queen's		
		6	Saskatchewan at Regina		
		6	Saskatchewan at Saskatoon		
		6	Sir George Williams		
	1	2	3	6	Toronto
		3	6	Victoria (B.C.)	
			6	Western Ontario	
			6	Windsor	
			6	York	

Arts management and administration

7	Ryerson Polytechnical
3	York

2. Art, fine arts; theatre/
Art, beaux-arts, théâtre

Art as applied to medicine

6	Toronto
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Art dramatique, théâtre, études théâtrales

9	Laval	
6	Moncton	
6	8	Ottawa
6	Québec à Montréal	

Art education

1	3	6	British Columbia
		6	Lethbridge
		6	Nova Scotia College of Art and Design
		6	Queen's
		6	Saskatchewan at Regina
		6	Saskatchewan at Saskatoon
3	6	6	Sir George Williams

Arts plastiques

6	6	8	Laval
	6		Ottawa
	6		Québec à Montréal
	6		Québec à Trois-Rivières

Arts visuels

6	8	Laval
		Moncton

Beaux-arts

6	8	9	Moncton
			Ottawa

Ceramics

6	6	9	Calgary
		9	Lethbridge
			Manitoba
		9	Ottawa

Céramique		9	Ottawa	Enseignement en arts plastiques			
					6		Laval
					6		Québec à Chicoutimi
Cinéma, photo-cinéma					6		Québec à Montréal
		9	Montréal		6		Québec à Trois-Rivières
	6	8	Ottawa	Environmental design (fine arts)			
Communication design (fine arts)					6		Nova Scotia College of Art and Design
	6		Nova Scotia College of Art and Design	Film, cinema			
Communication graphique						9	British Columbia
	6		Laval			9	Loyola ⁹
						9	McGill
Dance						9	McMaster
					6	8	Ottawa
		7	Ryerson Polytechnical		6		Queen's
	6		York		6		Sir George Williams
Design (E), art and design						9	Waterloo
	3		Alberta		6		Windsor
		6	Nova Scotia College of Art and Design		6		York
		7	Nova Scotia College of Art and Design	Graphic arts management		7	Ryerson Polytechnical
		6	Sir George Williams				
		9	York	Graphic design			
Design (F), design de l'environnement, 2D, 3D					3		Alberta
						6	Manitoba
	6		Québec à Montréal		6	7	Nova Scotia College of Art and Design
						6	Sir George Williams
Dessin				Graphics			
		9	Ottawa		6		Calgary
Drama, dramatic art					6	7	Nova Scotia College of Art and Design
	3		Alberta		6		Sir George Williams
		6	Bishop's	Gravure			
		6	Brock			9	Ottawa
		6	Calgary				Québec à Montréal
		6	Guelph	Histoire de l'art			
		6	Lethbridge		6		Laval
		6	Queen's		6		Montréal
		9	St. Francis Xavier		6	8	Ottawa
		6	Saskatchewan at Regina		6		Québec à Montréal
	3	6	Saskatchewan at Saskatoon		6		
		6	Sir George Williams	1	3		
1	2	3	Toronto				
		6	Waterloo				
		9	Western Ontario	Painting			
		6	Windsor		3		Alberta
		6	Winnipeg			6	Calgary
		6	York			9	Guelph
Drawing						9	Lethbridge
		9	Guelph			6	Manitoba
		9	Lethbridge			9	Ottawa
	6		Manitoba		6		Sir George Williams
		9	Ottawa		6		Victoria (B.C.)
						9	York
English theatre				Peinture			
	6	8	Ottawa			9	Ottawa
					6		Québec à Montréal

See also/Voir aussi:

Canadian politics (political science)

Eskimo language, Indian language
(languages and literatures)French-Canadian language and literature
(languages and literatures)Langue esquimaude, langue indienne
(langues et littératures)Littérature canadienne, québécoise
(langues et littératures)North American literature in English
(languages and literatures)North American studies, American studies
(international studies)

Pacific studies (international studies)

4. International studies/
Études internationales

African studies, Middle East studies

6 McGill
9 Simon Fraser

Asian studies

3 6 British Columbia
6 Brock
6 Guelph
9 Manitoba
6 McMaster
6 Saint Mary's
6 Sir George Williams
6 Waterloo Lutheran
6 Windsor

Buddhist studies

1 British Columbia

Celtic studies

3 St. Francis Xavier

Commonwealth studies

6 Queen's

East Asian studies

6 McGill
1 2 3 6 Toronto
6 York

Études africaines

5 Montréal

Études hispano-américaines

6 Ottawa

Études latino-américaines

6 Laurentienne

Far Eastern studies

1 2 3 6 Saskatchewan at Saskatoon

Indian studies

1 2 3 6 Toronto

Islamic studies

1 3 McGill
1 2 3 6 Toronto

Latin-American studies, Caribbean studies

6 British Columbia
9 Calgary
6 Guelph
6 Laurentian
9 Manitoba
6 McGill
6 McMaster
6 Ottawa
6 Queen's
9 Simon Fraser
6 Toronto
6 Waterloo
6 Windsor
6 York

Near Eastern studies

6 Manitoba
1 2 3 6 Toronto
6 Waterloo Lutheran

North American studies, American studies

6 Bishop's
6 McGill
6 Mount Allison
3 New Brunswick

Pacific studies

6 Victoria (B.C.)

Scottish studies

1 3 Guelph

Soviet studies, Russian studies, East

European studies

3 6 Alberta
3 6 Carleton
6 Manitoba
6 Queen's

6
1 2 3 5 6 Sir George Williams
Toronto

Spanish-American studies
6 Alberta

West European studies
6 Saint Mary's

West Indian studies
6 Acadia

See also/Voir aussi:

Administration internationale
(administration des affaires,
commerce, administration)

Chinese, Chinese studies (languages and
literatures)

Coopération internationale (science
politique)

Études slaves (langues et littératures)

International affairs, relations, studies
(political science)

International business (business,
commerce, administration)

International co-operation (political
science)

Japanese, Japanese studies (languages and
literatures)

Mediaeval studies, Renaissance studies
(history)

Russe, études russes (langues et
littératures)

Sciences médiévales (philosophie)

Slavonics, Slavic studies (languages and
literatures)

Victorian studies (history)

5. Journalism/Journalisme

Communication arts, communications

3 Guelph
6 Loyola⁹
3 Saskatchewan at Regina
9 Simon Fraser
9 Toronto
6 Windsor

Communications sociales

6 Ottawa
7 Saint-Paul (Ottawa)¹⁵

Journalism

6 Carleton
6 Ryerson Polytechnical
5 6 Western Ontario

Journalisme et information

6 Laval

Radio and television arts

6 Ryerson Polytechnical

Social communications

6 Ottawa
7 Saint Paul (Ottawa)¹⁵

See also/Voir aussi:

Creative writing (languages and
literatures)

6. Languages and literatures/ Langues et littératures

Akkadian

9 Dalhousie
9 King's (Halifax)⁷
9 Toronto

Allemand, études allemandes

6 Laurentienne
3 6 Laval
9 Moncton
1 3 6 Montréal
6 Ottawa
9 Québec à Montréal
9 Québec à Trois-Rivières

Anglais, études anglaises

1 3 6 Laval
6 Manitoba (Saint-Boniface)
6 Moncton
1 3 6 Montréal
6 Ottawa
6 Québec à Trois-Rivières

1	3	6	Manitoba	Études slaves				
1	3	6	McGill	1	3	6	Montréal	
1	3	6	McMaster	1	3	6	Ottawa	
1	3	6	Memorial					
		6	Mount Allison					
		6	Mount Saint Vincent					
1	3	6	New Brunswick			6	Laurentienne	
		6	Notre Dame	1	3	6	Laval	
1	3	6	Ottawa			6	Manitoba (Saint-Boniface)	
		6	Prince Edward Island		3	6	Moncton	
1	3	6	Queen's	1	3	6	Montréal	
		6	Royal Military			6	Québec à Chicoutimi	
		6	St. Francis Xavier			6	Québec à Montréal	
		6	St. Jerome's ¹²			6	Québec à Trois-Rivières	
		6	St. John's ¹³			6	Québec - Services	
		6	Saint Mary's				universitaires du Nord-	
		6	Sainte-Anne				Ouest québécois	
	3	6	Saskatchewan at Regina			6	Sainte-Anne	
1	3	6	Saskatchewan at Saskatoon	1	3	6	Sherbrooke	
1	3	6	Simon Fraser					
	3	6	Sir George Williams					
1	2	3	Toronto					
		6	Trent			3	6	Acadia
1	3	6	Victoria (B.C.)	1	3	6	Alberta	
2	3	6	Waterloo			6	Bishop's	
		6	Waterloo Lutheran			6	Brandon	
1	3	6	Western Ontario			6	Brescia ³	
	3	6	Windsor	1	3	6	British Columbia	
		6	Winnipeg			6	Brock	
1	3	6	York		3	6	Calgary	
					3	6	Carleton	
						9	Christ the King	
English language and the linguistics of					3	6	Dalhousie	
English						6	Guelph	
	3	6	New Brunswick			6	Huron ⁵	
						6	King's (London) ⁸	
						6	Lakehead	
Eskimo language, Indian language						6	Laurentian	
		9	Alberta			7	Laval	
		9	Brandon			6	Lethbridge	
		9	Calgary			6	Loyola ⁹	
		9	Carleton	1	3	6	Manitoba	
		9	Manitoba	1	3	6	McGill	
		9	Memorial		3	6	McMaster	
		9	Ottawa		3	6	Memorial	
		9	Toronto			6	Mount Allison	
		9	Trent			6	Mount Saint Vincent	
		9	Victoria (B.C.)		3	6	New Brunswick	
						6	Notre Dame	
						6	Ottawa	
Espagnol, études hispaniques						6	Prince Edward Island	
		6	Laurentienne	1	3	6	Queen's	
1	3	6	Laval			6	Royal Military	
		9	Moncton			9	St. Francis Xavier	
	3	6	Montréal			9	St. Jerome's ¹²	
		6	Ottawa			6	St. John's ¹³	
						6	Saint Mary's	
						6	Sainte-Anne	
Ethiopian					3	6	Saskatchewan at Regina	
		9	Toronto		3	6	Saskatchewan at Saskatoon	
				1	3	6	Simon Fraser	
						6	Sir George Williams	
Études anciennes, études classiques				1	2	3	6	Toronto
		6	Laurentienne			6	Trent	
		6	Laval			6	Victoria (B.C.)	
1	3	6	Montréal			6	Waterloo	
		6	Québec à Montréal		3	6	Waterloo Lutheran	
					3	6		

			9 Western Ontario	Latin (F), études latines			
			9 Winnipeg		6		Laurentienne
			9 York	1 3	6		Laval
				1 3	6		Montréal
Hindi, Urdu				1 3	6		Ottawa
					6		Sherbrooke
			9 British Columbia				
			9 McGill				
			9 Simon Fraser				
			9 Toronto	Latin language and literature			
			9 Windsor		6		Acadia
				3	6		Alberta
					6		Bishop's
Icelandic							9 Brandon
	6		9 Manitoba	3	6		British Columbia
			9 New Brunswick		6		Brock
					6		Calgary
				3	6		Carleton
Italian language and literature							9 Christ the King
1 3	6		Alberta				9 Dalhousie
	3	6	British Columbia		6		Guelph
		6	Brock				9 Huron ⁵
			9 Calgary				9 King's (London) ⁸
		6	Carleton				9 Lakehead
		6	Guelph		6		Laurentian
			9 Lakehead				9 Loyola ⁹
		6	Laurentian	3	6		Manitoba
		6	Loyola ⁹	3	6		McGill
			9 Manitoba	3	6		McMaster
	3	6	McGill		6		Memorial
		6	McMaster		6		Mount Allison
			9 Ottawa		6		New Brunswick
		6	Queen's				9 Notre Dame
			9 St. Francis Xavier	1 3	6		Ottawa
			9 St. Jerome's ¹²				9 Prince Edward Island
			9 Sir George Williams		6		Queen's
1 2 3	6		Toronto				9 St. Francis Xavier
			9 Victoria (B.C.)		6		St. John's
			9 Waterloo				9 Saint Mary's
		6	Western Ontario	1 4			St. Michael's ¹⁴
		6	Windsor		6		Saskatchewan at Regina
			9 York		3 6		Saskatchewan at Saskatoon
				1 2 3	6		9 Sir George Williams
Italian, études italiennes					6		Toronto
	6		Laurentienne		6		Trent
	6		Montréal		3 6		Victoria (B.C.)
			9 Ottawa		6		Waterloo
					6		Waterloo Lutheran
					3 6		Western Ontario
					6		Windsor
Japanese, Japanese studies					6		Winnipeg
1 3	6		British Columbia		6		York
			9 Memorial				
1 2 3	6		Toronto				
			9 Victoria (B.C.)				
			9 Waterloo	1 3	6		Alberta
			9 Waterloo Lutheran		3 6		British Columbia
			9 York		3 6		Calgary
					6		Carleton
					6		Guelph
Judaic studies, Jewish studies							9 Lethbridge
	6		Manitoba				9 Loyola ⁹
	6		McGill				9 Manitoba
	6		Sir George Williams	1 3	6		McGill
	6		Toronto		2 3 6		Memorial
					3 6		Ottawa
					6		Saskatchewan at Saskatoon
Langue esquimaude, langue indienne				1 3	6		Simon Fraser
			9 Laval				9 Sir George Williams
			9 Ottawa				

1	3	6	Toronto	Russe, études russes			
	3	6	Victoria (B.C.)		6		Laurentienne
			9 Western Ontario				9 Laval
		6	Windsor	3	6		Montréal
			9 York				9 Ottawa
Linguistique				Russian language and literature			
1	3	6	Laval	1	3	6	Alberta
1	3	6	Montréal	1	3	6	British Columbia
	3	6	Ottawa			6	Brock
		6	Québec à Chicoutimi			6	Calgary
		6	Québec à Montréal			6	Carleton
		6	Québec à Trois-Rivières				9 Dalhousie
Littérature canadienne, québécoise							9 Guelph
	3	6	Laval				9 Huron ⁵
			9 Moncton			6	9 King's (London) ⁸
1	3		Montréal				9 Lakehead
		6	Québec à Trois-Rivières			6	Laurentian
	3		Sherbrooke			6	9 Lethbridge
Littérature comparée							Loyola ⁹
1	3		Montréal	1	3	6	Manitoba
North American literature in English						6	McGill
		6	Saskatchewan at Saskatoon			6	McMaster
Pali							9 Memorial
			9 Memorial	1	3	6	9 New Brunswick
			9 Ottawa			6	9 Ottawa
Persian						6	Queen's
			9 Toronto			6	9 St. Francis Xavier
Polish language and literature						6	Saskatchewan at Regina
		6	9 Alberta	1	3	6	Saskatchewan at Saskatoon
			British Columbia			6	Simon Fraser
			9 Manitoba			6	Sir George Williams
			9 Ottawa	1	2	3	Toronto
			9 Saskatchewan at Saskatoon			6	Victoria (B.C.)
			9 Toronto	1	3	6	Waterloo
			9 Western Ontario			6	Waterloo Lutheran
Polonais						6	Western Ontario
			9 Montréal			6	Windsor
			9 Ottawa			6	York
Portuguese				Sanskrit			
			9 Alberta				9 Brandon
			9 British Columbia				9 British Columbia
			9 Calgary				9 Brock
			9 Carleton				9 Carleton
			9 McMaster				9 McGill
			9 Sir George Williams				9 Memorial
			9 Toronto				9 Saskatchewan at Saskatoon
			9 Victoria (B.C.)	1	2	3	Toronto
			9 Western Ontario			6	9 Waterloo Lutheran
			9 Windsor				9 Windsor
Romanian				Scandinavian, Finnish, Norwegian			
			9 Alberta			6	Alberta
			9 British Columbia				9 Saskatchewan at Saskatoon
			9 Calgary				9 Victoria (B.C.)
			9 Carleton	Serbo-Croatian			
			9 McMaster				9 British Columbia
			9 Sir George Williams			6	Toronto
			9 Toronto				9 Victoria (B.C.)
			9 Victoria (B.C.)	Slavonics, Slavic studies			
			9 Western Ontario	1	3	6	Alberta
			9 Windsor				

1	3	6	British Columbia	Translation, interpretation	
		6	Manitoba		Laurentian
1	3	6	Ottawa	3	Ottawa
		6	Saskatchewan at Regina		
		6	Saskatchewan at Saskatoon		
1	2	3	Toronto	Turkish	9 Toronto
Spanish language and literature					
		6	Acadia	Ukrainian	
1	3	6	Alberta		6 Alberta
		9	Bishop's		9 Calgary
1	3	6	British Columbia		9 Carleton
		6	Brock		6 Manitoba
		6	Calgary		9 McMaster
	3	6	Carleton		9 Ottawa
		6	Dalhousie		6 Saskatchewan at Regina
		6	Guelph		6 Saskatchewan at Saskatoon
		6	Lakehead		9 Toronto
		6	Laurentian		9 Waterloo
		9	Lethbridge		9 Western Ontario
		6	Loyola ⁹		9 Windsor
		6	Manitoba		
1	3	6	McGill	Ukrainien	
		6	McMaster		9 Ottawa
		9	Memorial		
		9	Mount Allison		
		9	Mount Saint Vincent		
	3	6	New Brunswick	Yiddish	
		6	Ottawa		9 Manitoba
		9	Prince Edward Island		9 McGill
		6	Queen's		9 Toronto
	3	6	St. Francis Xavier		
		9	Saint Mary's	See also/Voir aussi:	
		6	Saskatchewan at Saskatoon	Ancient history, ancient civilization (history)	
1	3	6	Simon Fraser		
		6	Sir George Williams		
1	2	3	Toronto		
		6	Trent		
		6	Victoria (B.C.)		
		6	Waterloo		
	3	6	Waterloo Lutheran		Civilisations grecque et romaine (histoire)
	3	6	Western Ontario		
	3	6	Windsor		
		6	York		Didactique des langues secondes (éducation)
Syriac, Aramaic					
		9	Dalhousie	Ethnographie traditionnelle (anthropologie)	
		9	King's (Halifax) ⁷		
		9	Manitoba		
		9	Memorial		Folklore (anthropology)
		9	Toronto		
		9	Waterloo Lutheran		Histoire et langues musicales (musique)
Tibetan					
		9	Memorial		
		9	Saskatchewan at Saskatoon		Mediaeval studies, Renaissance studies (history)
		9	Toronto		
Traduction, interprétation					
		6	Laurentienne		
1	3	6	Laval		
		6	Moncton		
	3	6	Montréal		
	3	6	Ottawa		Sciences médiévales (philosophie)

Teaching English as a second language
(education)

1 3 6

Brandon
British Columbia
9 Brock

Victorian studies (history)

6
6

Carleton
Dalhousie
Guelph
Lethbridge
Manitoba
McGill
McMaster
Mount Allison
Mount Saint Vincent

7. Library science/Bibliothéconomie

Bibliothéconomie

3 Montréal
3 Ottawa

3 5 6 7
6
6

Ottawa
Prince Edward Island
Queen's
St. Francis Xavier
Saskatchewan at Regina
Saskatchewan at Saskatoon
9 Sir George Williams

Library science - education

9 Lakehead
6 Lethbridge
6 Saskatchewan at Regina

3 6

Library science, service, technology

3 6 Alberta
3 British Columbia
3 Dalhousie
7 Lakehead
3 McGill
3 6 Ottawa
8 Ryerson Polytechnical
1 3 Toronto
3 Western Ontario

1 3 6 7
1 3 6
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Toronto
Victoria (B.C.)
9 Waterloo
Waterloo Lutheran
Western Ontario
Windsor
York

8. Music/Musique

Church music

6 Waterloo Lutheran

1 3 6
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Acadia
Brandon
British Columbia
Carleton
Dalhousie
Lethbridge
McGill
McMaster
Mount Allison
Ottawa
Saskatchewan at Regina
Saskatchewan at Saskatoon
Toronto
Western Ontario

Composition (musique)

3 6 Laval
3 6 Montréal
6 Ottawa

3 5 6
3 6
3 6

Enseignement en musique, éducation
musicale

3 6 Laval
6 Moncton
6 Ottawa
6 Québec à Montréal
6 Québec à Trois-Rivières

Music history, music literature

3 6
3 6
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3 6
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3 6
6

Alberta
British Columbia
Calgary
McGill
Mount Allison
Queen's
Saskatchewan at Regina
Saskatchewan at Saskatoon
Toronto
Victoria (B.C.)
Western Ontario
Windsor

Exécution, interprétation (musique)

3 6 Laval
3 6 Montréal
6 Ottawa

Musicologie

3
1 3 6
6

Laval
Montréal
Ottawa

Histoire et langues musicales

3 6 Laval
6 Montréal

Music

6 7 Acadia
3 6 Alberta
9 Bishop's

Musicology, ethnomusicology

1 3

British Columbia

	6	Carleton	Classical philosophy			
3		McGill	3	6		Dalhousie
	6	Ottawa				
1	3	Toronto				
1	3	Victoria (B.C.)	Philosophie			
3		Western Ontario	3	6		Collège dominicain de philosophie et de théologie Laurentienne
						Laval
Musique			1	3	6	Manitoba (Saint-Boniface)
1	3	Laval			6	Moncton
	6	Moncton		3	6	Montréal
1	3	Montréal	1	3	6	Ottawa
	6	Ottawa	1	3	6	Québec à Montréal
	6	Québec à Trois-Rivières			6	Québec à Trois-Rivières
					6	Saint-Paul (Ottawa) ¹⁵
Musique rythmique			1	4	6	Sherbrooke
	6	Laval	3	6		
Operatic performance			Philosophy			
	7	Toronto	1	3	6	Acadia
					6	Alberta
					6	Bishop's
					6	Brandon
Performance, applied music					6	Brescia ³
	6	Acadia	1	3	6	British Columbia
3	6	Alberta			6	Brock
	6	Brandon	1	3	6	Calgary
3	6	British Columbia		3	6	Carleton
	6	Calgary			6	Christ the King
	6	Manitoba		3	6	Dalhousie
	6	McGill	1	3	6	Guelph
	6	Mount Allison			6	Huron ⁵
	6	Ottawa			6	King's (London) ⁸
	6	Queen's			6	Lakehead
	6	Saskatchewan at Regina			6	Laurentian
	6	Saskatchewan at Saskatoon			6	Lethbridge
	3	Toronto			6	Loyola ⁹
	3	Victoria (B.C.)		3	6	Manitoba
	3	Western Ontario	1	3	6	McGill
			1	3	6	McMaster
School music				3	6	Memorial
	6	Calgary			6	Mount Allison
	6	McGill			6	Mount Saint Vincent
	6	St. Francis Xavier		3	6	New Brunswick
	6	Windsor	1	3	6	Notre Dame
					6	Ottawa
					6	Prince Edward Island
Theory, composition (music)			1	3	6	Queen's
	6	Acadia			6	St. Francis Xavier
3	6	Alberta			6	St. Jerome's ¹²
3	6	British Columbia			6	St. John's ¹³
	6	Calgary		3	6	Saint Mary's
	6	Carleton	1	4	6	St. Michael's ¹⁴
	6	McGill	1	4	6	Saint Paul (Ottawa) ¹⁵
3	6	McMaster		3	6	Saskatchewan at Regina
	6	Mount Allison		3	6	Saskatchewan at Saskatoon
	6	Ottawa		3	6	Simon Fraser
	6	Queen's		3	6	Sir George Williams
	6	Saskatchewan at Regina	1	2	3	Toronto
	6	Saskatchewan at Saskatoon			6	Trent
1	3	Toronto		3	6	Victoria (B.C.)
	3	Victoria (B.C.)	1	2	3	Waterloo
	3	Western Ontario			6	Waterloo Lutheran
	6	Windsor	1	3	6	Western Ontario
				3	6	Windsor
					6	Winnipeg
9. Philosophy/Philosophie			1	3	6	York

Sciences médiévales (philosophie)	1 3	Montréal	Éducation religieuse	3	Saint-Paul (Ottawa) ¹⁵
Social and economic thought, social and political ideas	6 6	McMaster York	Études bibliques	1 3 6	Montréal
See also/Voir aussi:			Études cathéchétiques, catéchèse	6 8	Laval Montréal
History and philosophy of religion (religious studies)			Études pastorales	6	Collège dominicain de philosophie et de théologie
History of education, philosophy of education (education)			Family studies	3	Saint Paul (Ottawa) ¹⁵
History, logic and philosophy of science and technology (history)			History and philosophy of religion	3 6	Sir George Williams
Mediaeval studies, Renaissance studies (history)			Mission studies	3	Ottawa Saint Paul (Ottawa) ¹⁵
Political philosophy (political science)			Pastoral counselling	3	Saint Paul (Ottawa) ¹⁵
Victorian studies (history)			Pastorale	3 3	Saint-Paul (Ottawa) ¹⁵ Sherbrooke
10. Religious studies/ Études religieuses			Pastorale familiale	3 3	Laval Saint-Paul (Ottawa) ¹⁵
Canon law	1 3 6 1 4 6 7	Ottawa Saint Paul (Ottawa) ¹⁵	Pastorale scolaire	3	Sherbrooke
Counseling pastoral	3	Saint-Paul (Ottawa) ¹⁵	Pastoral studies	3 7	Saint Paul (Ottawa) ¹⁵
Divinity	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 6	Acadia Alberta Atlantic School of Theology Bishop's Huron ⁵ King's (Halifax) ⁷ McGill McMaster Queen's St. John's ¹³ Saint Mary's St. Michael's ¹⁴ Victoria (Toronto) ¹⁹ Waterloo Lutheran Winnipeg	Pastoral theology	3	Saint Paul (Ottawa) ¹⁵
Droit canonique	1 3 6 1 4 6 7	Ottawa Saint-Paul (Ottawa) ¹⁵	Préparation professionnelle au ministère, pastorale professionnelle	3 3	Collège dominicain de philosophie et de théologie Saint-Paul (Ottawa) ¹⁵
			Professional preparation for pastoral ministry	3	Saint Paul (Ottawa) ¹⁵
			Religion, religious studies, religious education	6	Acadia

		6	Alberta
		6	Bishop's
		6	Brandon
1	3	6	British Columbia
		9	Calgary
		6	Carleton
		9	Christ the King
		6	Laurentian
		6	Manitoba
1	3	6	McGill
1	3	6	McMaster
		6	Memorial
		9	Mount Allison
		6	Notre Dame
1	3	6	Ottawa
		6	Prince Edward Island
		6	Queen's
		6	St. Jerome's ¹²
		6	St. John's ¹³
		6	Saint Mary's
	3		St. Michael's ¹⁴
	3		Saint Paul (Ottawa) ¹⁵
	3	6	Sir George Williams
	6		Toronto
	3		Victoria (Toronto) ¹⁹
	6		Waterloo
	3	6	Waterloo Lutheran
		9	Western Ontario
		6	Winnipeg
Sacred theology			
	4	6	Bishop's
	3		King's (Halifax) ⁷
	3		Saint Mary's
Sciences humaines de la religion			
	3	6	Sherbrooke
Sciences missionnaires			
	3		Ottawa
1		7	Saint-Paul (Ottawa) ¹⁵
Sciences religieuses			
		6	Laurentienne
		6	Manitoba (Saint-Boniface)
		9	Moncton
1	3	6	Montréal
1	3	6	Ottawa
		6	Québec à Montréal
	3	6	Sherbrooke
Théologie			
1	3	6	Collège dominicain de philosophie et de théologie
		6	Laval
1	3	6	Montréal
1	3	6	Ottawa
		6	Québec à Chicoutimi
		6	Québec à Trois-Rivières
		6	Québec - Centre d'études universitaires de Rimouski
1	4	6	Saint-Paul (Ottawa) ¹⁵
	3	6	Sherbrooke

Théologie pastorale

	3	6
1	3	
1	3	6
	3	

Collège dominicain de philosophie et de théologie
Laval
Montréal
Saint-Paul (Ottawa)¹⁵

Theology, theological studies, ministry

	3	6
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1	3	
1		4
1	3	6
1	3	4
	3	6
	3	6

Acadia
Alberta
Atlantic School of Theology
Bishop's
Christ the King
Huron⁵
King's (Halifax)⁷
Loyola⁹
McGill
McMaster
Mount Allison
Mount Saint Vincent
Ottawa
Queen's
St. Francis Xavier
St. Jerome's¹²
Saint Mary's
St. Michael's¹⁴
Saint Paul (Ottawa)¹⁵
Trinity¹⁹
Victoria (Toronto)¹⁹
Windsor
Winnipeg

See also/Voir aussi:

Buddhist studies (international studies)

Islamic studies (international studies)

Judaic studies, Jewish studies (languages and literatures)

III Social sciences/Sciences sociales**1. General/Général****Applied social science**

	6	Sir George Williams
	6	Waterloo

Génagogie

	6	Québec à Trois-Rivières
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Social leadership, development

	7	St. Francis Xavier
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2. Anthropology/Anthropologie

Anthropologie

	6	Laurentienne
1	3	6 Laval
	6	6 Manitoba (Saint-Boniface)
1	3	6 Montréal
	9	9 Ottawa

Anthropology

1	3	6	Alberta
		6	Brandon
1	3	6	British Columbia
	3	6	Calgary
		6	Carleton
	3	6	Dalhousie
	3	6	Guelph
		6	Lakehead
		6	Laurentian
		6	Lethbridge
	3	6	Manitoba
1	3	6	McGill
	3	6	McMaster
2	3	6	Memorial
		6	New Brunswick
	9	9	Prince Edward Island
	9	9	St. Francis Xavier
	9	9	St. Jerome's ¹²
		6	St. John's ¹³
		6	Saint Mary's
		6	Saskatchewan at Regina
	3	6	Saskatchewan at Saskatoon
1	3	6	Simon Fraser
	3	9	Sir George Williams
1	2	3	6 Toronto
		6	Trent
	3	6	Victoria (B.C.)
		6	Waterloo
		6	Waterloo Lutheran
		6	Western Ontario
		6	Windsor
		6	Winnipeg
		6	York

Archéologie

3	6	Laval
	6	Montréal

Archeology

3	6	Alberta	
1	3	6 Calgary	
1	3	6 Simon Fraser	
1	2	3	6 Toronto

Ethnographie traditionnelle

1	3	6	Laval
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Folklore

1	3	6	Memorial
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Museology

3		Toronto
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3. Business, commerce, administration/
Administration des affaires, commerce,
administration

Accounting, accountancy

1	4	6	Alberta
		6	British Columbia
		6	Calgary
		6	Carleton
		6	Loyola ⁹
	3	6	Manitoba
		6	McGill
		6	McMaster
		6	Memorial
		6	Mount Allison
		6	Ottawa
		6	St. Francis Xavier
		6	Saint Mary's
	3	6	Saskatchewan at Saskatoon
	3	6	Sir George Williams
		5	Waterloo Lutheran
		6	Windsor

Actuarial science

	3	6	Manitoba
		6	Toronto
		6	Waterloo
1	3	6	Western Ontario

Actuariat

6	Laval
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Administration, administrative studies

	6	Brock	
	6	Ottawa	
	6	Saskatchewan at Regina	
	6	Windsor	
	6	Winnipeg	
1	3	6	York

Administration (F)

1	3	5	6	Laval
			6	Moncton
			6	Ottawa
			6	8 Québec à Chicoutimi
			6	8 Québec à Montréal
			6	8 Québec à Trois-Rivières
			6	8 Québec - Centre d'études universitaires de Rimouski
			6	8 Québec - Direction des études universitaires dans l'Outaouais
			6	8 Québec - Services universitaires du Nord-Ouest québécois
			6	8 Sherbrooke

Administration des affaires

3		Moncton
3	6	Montréal
		8 Ottawa
		8 Sherbrooke

Administration internationale				6	Memorial
3		Montréal		6	Mount Allison
				6	Ottawa
Administration publique				6	Queen's
	6	8	Ottawa	6	Royal Military
3			Québec - École nationale d'administration publique	6	Saint Mary's
				3	9 Sainte-Anne
				6	Saskatchewan at Saskatoon
				6	Simon Fraser
Business, business administration				6	Sir George Williams
	6		Acadia	6	Toronto
3			Alberta	6	Windsor
	6		Bishop's		
1	3		British Columbia		
	3		Dalhousie		
		9	Guelph		
	5	7	Lakehead		
	5		Laurentian		
	6		Loyola ⁹		
	3	6	Manitoba		
	3		McGill		
	3		McMaster		
	6		Mount Saint Vincent		
	6	8	New Brunswick		
	6	8	Ottawa		
	6		Prince Edward Island		
	3	5	Queen's		9 Sainte-Anne
		7	Ryerson Polytechnical		
	6		St. Francis Xavier		
	6		Saint Mary's		
	6		Saskatchewan at Regina		8
	3	6	Saskatchewan at Saskatoon		6
	3		Simon Fraser		6
	3		Sir George Williams		6
	1	3	Toronto		6
		5	Waterloo Lutheran		
	1	3	5	6	
		3	5	6	
		3	8		
		3	6		
			York		
Business economics					
	6		Alberta		
	6		British Columbia		
	6		Carleton		
	6		Loyola ⁹		
	6		McGill		
	6		Mount Allison		
	6		Mount Saint Vincent		
	6		St. Francis Xavier		
	6		Saint Mary's		
	6		Saskatchewan at Regina		
	6		Sir George Williams		
	1	3	Toronto		
Commerce (E)					
	6		Alberta		
	6		British Columbia		
	6		Calgary		
	6		Carleton		
	6		Dalhousie		
	6		Lakehead		
	6		Laurentian		
	6		Loyola ⁹		
	6		Manitoba		
	3	6	McGill		
		6	McMaster		
Commerce and law, administration and law					
				6	British Columbia
	3				Dalhousie
				6	New Brunswick
				6	Saskatchewan at Regina
				6	Saskatchewan at Saskatoon
Commerce (F), sciences commerciales					
	3	6			Moncton
		6			Ottawa
				9	Sainte-Anne
Commercial education, business teaching					
				6	British Columbia
				8	McGill
				6	Mount Saint Vincent
				6	New Brunswick
				6	7
				6	St. Francis Xavier
				6	Saskatchewan at Regina
Comptabilité, sciences comptables					
		4			Laval
	3	6			Moncton
		6			Montréal
		6			Ottawa
		6			Québec à Trois-Rivières
		6			Québec - Services universitaires du Nord-
		3	6		Ouest québécois
					Sherbrooke
Consommation					
		6			Laval
Consumer studies, education					
	3	6			Guëlph
		6			McGill
		6			Mount Saint Vincent
Contrôle (administration)					
	3	6			Montréal
Engineering and management, engineering management					
		6			McMaster
		6			Royal Military
		6			Saint Mary's
	1	3		9	Waterloo

Quantitative methods, operations research
 3 6 6 Carleton
 6 Manitoba
 6 McGill
 6 Memorial
 6 Ottawa
 6 Saskatchewan at Regina
 3 6 Sir George Williams
 6 Windsor

Recherche opérationnelle, méthodes
 quantitatives de gestion, analyse des
 systèmes
 3 6 Montréal
 6 Ottawa
 6 Québec à Trois-Rivières
 3 Sherbrooke

Relations industrielles, relations de travail
 1 3 6 Laval
 1 3 6 Montréal

Relations de travail dans la fonction
 publique
 8 Ottawa

Sciences de la gestion
 3 5 6 Ottawa

Urban land economics (business)
 6 British Columbia

See also/Voir aussi:

Administration correctionnelle (service
 social)

Administration du nursing à l'hôpital
 (sciences infirmières)

Administration sanitaire (médecine et
 sciences de la santé)

Administration scolaire (éducation)

Agricultural business, commerce,
 economics (agriculture)

Arts management and administration (art,
 fine arts, theatre)

Construction management (engineering)

Correctional administration (social work)

Development studies (economics)

Educational administration (education)

Enseignement secondaire - administration
 (éducation)

Food management, administration (home
 economics and food science)

Graphic arts management (art, fine arts,
 theatre)

Health administration, health services
 administration, planning (medicine and
 allied health)

Home economics management,
 administration (home economics and food
 science)

Hospital administration (medicine and
 allied health)

Recreation, recreation administration,
 recreation education (physical education
 and recreation)

Sports administration (physical education
 and recreation)

4. Economics/Sciences économiques

Development studies (economics, public
 administration, history)
 5 Toronto
 6 Trent

Economic development
 3 Lakehead

Economic history
 1 2 3 Toronto

Economics
 3 6 Acadia
 1 3 6 Alberta
 6 Bishop's
 6 Brandon
 1 3 6 British Columbia
 6 Brock
 1 3 6 Calgary
 1 3 6 Carleton
 1 3 6 Dalhousie
 3 6 Guelph
 3 6 Lakehead
 6 Laurentian
 6 Lethbridge
 Loyola⁹

1	3	6	Manitoba	
1	3	6	McGill	
1	3	6	McMaster	
2	3	6	Memorial	
		6	Mount Allison	
		6	Mount Saint Vincent	
	3	6	New Brunswick	
		6	Notre Dame	
1	3	6	Ottawa	
		6	Prince Edward Island	
1	3	6	Queen's	
	3	6	Royal Military	
		6	St. Francis Xavier	
		6	9 St. Jerome's ¹²	
		6	St. John's ¹³	
		6	Saint Mary's	
	3	6	Saskatchewan at Regina	
1	3	6	Saskatchewan at Saskatoon	
1	3	6	Simon Fraser	
1	3	6	Sir George Williams	
1	2	3	5	Toronto
		6	Trent	
	3	6	Victoria (B.C.)	
	3	6	Waterloo	
		6	Waterloo Lutheran	
1	3	6	Western Ontario	
	3	6	Windsor	
		6	Winnipeg	
	3	6	York	

Économique, sciences économiques

		6	Laurentienne
1	3	6	Laval
		6	Moncton
1	3	6	Montréal
1	3	6	Ottawa
		6	Québec à Montréal
		6	Québec à Trois-Rivières
	3	6	Sherbrooke

See also/Voir aussi:

Agricultural business, commerce,
economics (agriculture)

Agro-économie (agriculture)

Business economics (business, commerce,
administration)

Économie rurale (agriculture)

Political economy (political science)

Social and economic thought, social and
political ideas (philosophy)Urban land economics (business,
commerce, administration)

5. Education/Éducation

Administration scolaire

1	3	6	Laval
		3	Moncton
1	3		Montréal
		3	Ottawa
		3	Sherbrooke

Andrologie, éducation des adultes

	3	6	Montréal
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Child psychology (education)

1	3		Alberta
1	2	3	Ontario Institute for Studies in Education ¹¹

Comparative education

		3	McGill
1	2	3	Ontario Institute for Studies in Education ¹¹

Computer applications, computer-assisted
instruction (education)

1	3		Alberta
1	2	3	Ontario Institute for Studies in Education ¹¹

Continuing education, adult education

1	3	5	British Columbia	
		3	Guelph	
1	2	3	8	Ontario Institute for Studies in Education ¹¹
		3	6	St. Francis Xavier
	3	5	Saskatchewan at Saskatoon	

Counseling scolaire

	3		Ottawa
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Curriculum and instruction, curriculum
theory (education)

1	3		Alberta	
1	3	6	British Columbia	
		3	5	Calgary
		3	Manitoba	
		3	McGill	
		3	5	Memorial
1	2	3	Ontario Institute for Studies in Education ¹¹	
		3	Queen's	
		3	5	Saskatchewan at Regina
		3	5	Saskatchewan at Saskatoon
		3	6	Simon Fraser
		3	6	Victoria (B.C.)
			6	Western Ontario

Didactique des langues secondes

1	3	4	Laval
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Early childhood education, pre-school education

			6	Brandon				
1	3			British Columbia				
	3			Dalhousie				
			6	Lethbridge				
				8	Manitoba			
			5 6	8	McGill			
1	2	3		Ontario Institute for Studies in Education ¹¹				
			6	Ryerson Polytechnical				
			6	Saskatchewan at Regina				
		3		Simon Fraser				
			6	Sir George Williams				
			5	Toronto				

Education (E)

			3	6	7	Acadia		
1	3		5	6		Alberta		
	3			6		Atlantic Institute of Education		
			3	5	6	Bishop's		
				6		Brandon		
1	3		5	6		British Columbia		
					8	Brock		
1	3		5	6		Calgary		
					9	Christ the King		
			3	6		Dalhousie		
				6	8	Lakehead		
			6			Lethbridge		
1	3		6	7	8	Manitoba		
1	3		5	6	8	McGill		
			3	5	6	Memorial		
				6		Mount Allison		
			3	6		Mount Saint Vincent		
			3	6		New Brunswick		
				6		Notre Dame		
1	2	3			8	Ontario Institute for Studies in Education ¹¹		
						Ottawa		
1	3			6		Prince Edward Island		
				6		Queen's		
			3	6		St. Francis Xavier		
			3	6	7	Saint Mary's		
			3	5	6	Saskatchewan at Regina		
			3	5	6	Saskatchewan at Saskatoon		
			3	6		Simon Fraser		
			3	6		Sir George Williams		
1	2	3		6		Toronto		
1	3			5	6	Victoria (B.C.)		
				5	6	Western Ontario		
				6		Windsor		
				6		York		

Educational administration

			3	Acadia				
1	3			Alberta				
			6	Brandon				
1	3			British Columbia				
1	3		5	Calgary				
			3	Dalhousie				
				6	Lethbridge			
1	3			Manitoba				
			3	McGill				
			3	Memorial				
			3	New Brunswick				

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3Ontario Institute for Studies in Education¹¹
Ottawa
Queen's
Saskatchewan at Regina
Saskatchewan at Saskatoon
Simon Fraser
Victoria (B.C.)

Educational foundations

1 3
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1 3
3 5
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3
3 5
3Alberta
Brandon
British Columbia
Calgary
Dalhousie
Lethbridge
Manitoba
McGill
Memorial
New Brunswick
Ottawa
Saskatchewan at Saskatoon

Educational planning

1 2 3
3 5Ontario Institute for Studies in Education¹¹
Saskatchewan at Regina

Educational psychology, school psychology

1 3
1 3
1 3 5
3
3
3 5
3
3
1 2 3
1
1 3 5
1 3Alberta
British Columbia
Calgary
Manitoba
McGill
Memorial
Mount Saint Vincent
New Brunswick
Ontario Institute for Studies in Education¹¹
Ottawa
Saskatchewan at Saskatoon
Victoria (B.C.)

Educational technology, AV/TV education

1 3
1 3
6Alberta
British Columbia
Lethbridge
Sir George Williams
9 Windsor

Educational theory

1 2 3
1 2 3Ontario Institute for Studies in Education¹¹
Toronto

Éducation comparée

1 3

Montréal

Éducation culturelle

6

Québec à Montréal

Éducation, pédagogie, sciences de l'éducation

				6	Alberta (Saint-Jean)
1	3			6	8 Laval
				6	Moncton
1	3	4	5	6	Montréal
1	3			6	Ottawa
				6	Québec à Montréal
				6	Québec à Trois-Rivières
				6	Québec - Services universitaires du Nord-Ouest québécois
				6	Saskatchewan at Regina
	3	4		6	Sherbrooke

Éducation supérieure

9 Montréal

Elementary education

				6	7	Acadia
1	3		5	6		Alberta
				6		Brandon
1	3			6		British Columbia
				6	8	Brock
				6		Calgary
				6		Dalhousie
				6	7	Lakehead
				6		Lethbridge
				6	8	Manitoba
				6	7	McGill
				6		Memorial
				6		Mount Saint Vincent
				6		New Brunswick
				6		Notre Dame
				6		Prince Edward Island
				6		Queen's
				6	7	St. Francis Xavier
				6		Saskatchewan at Regina
				6		Saskatchewan at Saskatoon
				6		Simon Fraser
				6		Toronto
				6		Victoria (B.C.)
	5			6		Western Ontario
				6		Windsor
				6		York

Enseignement aux inadaptes

1	3			6	Laval
				6	Québec à Chicoutimi
				6	Québec à Montréal
				6	Québec à Trois-Rivières
				6	Québec - Centre d'études universitaires de Rimouski
				6	Québec - Direction des études universitaires dans l'Outaouais
				6	Québec - Services universitaires du Nord-Ouest québécois

Enseignement collégial, enseignement universitaire

1	3	5			Montréal
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Enseignement de la sexologie

6 Québec à Montréal

Enseignement des métiers

6 Moncton

Enseignement élémentaire

				6	Alberta (Saint-Jean)
1	3			6	8 Laval
				6	Moncton
1	3	4		6	Montréal
				6	Québec à Chicoutimi
				6	Québec à Montréal
				6	Québec à Trois-Rivières
				6	Québec - Centre d'études universitaires de Rimouski
				6	Québec - Direction des études universitaires dans l'Outaouais
				6	Québec - Services universitaires du Nord-Ouest québécois

Enseignement préscolaire

1	3	4		6	Montréal
				6	Québec à Chicoutimi
				6	Québec à Montréal
				6	Québec à Trois-Rivières
				6	Québec - Centre d'études universitaires de Rimouski
				6	Québec - Services universitaires du Nord-Ouest québécois

Enseignement professionnel-électronique, technique de la mécanique

6 Québec à Montréal

Enseignement secondaire

				6	Alberta (Saint-Jean)
1	3			6	8 Laval
				6	Moncton
1	3	4		6	8 Montréal
				6	Québec à Chicoutimi
				6	Québec à Montréal
				6	Québec à Trois-Rivières
				6	Québec - Centre d'études universitaires de Rimouski
				6	Québec - Services universitaires du Nord-Ouest québécois
				4	7 Sherbrooke

Enseignement secondaire - administration

				6	Laval
				6	Québec à Chicoutimi
				6	Québec à Montréal
				6	Québec à Trois-Rivières
				6	Québec - Centre d'études universitaires de Rimouski
				6	Québec - Services universitaires du Nord-Ouest québécois

Enseignement technique - ingénieur				Orientation (F)				
6		Québec à Trois-Rivières		1	3	6	Laval	
					3		Moncton	
					3	6	Montréal	
Fondements théoriques de l'éducation		Ottawa		Orthopédagogie				
3				1	3	6	Montréal	
					3	6	Sherbrooke	
Guidance, counselling, counselling psychology		Acadia		Perfectionnement des maîtres en mathématiques				
3		Alberta			6		Québec à Chicoutimi	
1	3	Atlantic Institute of Education			6		Québec à Montréal	
	3	Brandon			6		Québec à Trois-Rivières	
		British Columbia			6		Québec - Centre d'études universitaires de Rimouski	
	6	Calgary			6			
1	3	Dalhousie			6			
	3	Lakehead						
		Lethbridge		Psycho-éducation, psycho-pédagogie				
1	3	McGill			3	6	Montréal	
	3	Memorial		1	3	6	Ottawa	
	3	New Brunswick			3	6	Sherbrooke	
1	2	Ontario Institute for Studies in Education ¹¹						
	3	Ottawa						
	3	St. Francis Xavier		Psychologie scolaire, psychologie éducationnelle				
	3	Saskatchewan at Regina			3		Moncton	
	3	Saskatchewan at Saskatoon			1	3	Montréal	
					1		Ottawa	
Higher education		British Columbia		Psychopedagogy				
1	3	Toronto		1	3		Ottawa	
1	2							
Histoire de l'éducation		Montréal		Secondary education				
1	3				6	7	Acadia	
				1	3	5	6	Alberta
History of education, philosophy of education		Alberta			6		6	Brandon
1	3	McGill		1	3	6	6	British Columbia
	3	Ontario Institute for Studies in Education ¹¹					6	Calgary
1	2	9 Sir George Williams					6	Dalhousie
							6	Lakehead
							6	Lethbridge
							6	Manitoba
							6	8 McGill
Human learning (education)		Alberta					6	Memorial
1	3						6	Mount Allison
							6	Mount Saint Vincent
							6	New Brunswick
Information scolaire et professionnelle		Laval			3	6	6	Prince Edward Island
		8 Québec à Trois-Rivières					6	Queen's
	6	Sherbrooke					6	7 St. Francis Xavier
	3						6	Saskatchewan at Regina
							6	Saskatchewan at Saskatoon
							6	Simon Fraser
Intercultural education		Alberta					6	Toronto
1	3	Brandon					6	5 Victoria (B.C.)
	6	9 British Columbia					6	Western Ontario
		9 Manitoba					6	York
	3	Saskatchewan at Saskatoon						
	6	Western Ontario		Sociology in education				
				1	3			Alberta
Mesure et expérimentation, docimologie (éducation)		Montréal		1	2	3		Ontario Institute for Studies in Education ¹¹
1	3	Ottawa						
	3							

Special education, exceptional children

	3		Acadia
1	3		Alberta
	3	6	Atlantic Institute of Education
		6	Brandon
1	3		British Columbia
		6	Lethbridge
	3		McGill
1	2	3	Ontario Institute for Studies in Education ¹¹
	3	5	Saskatchewan at Saskatoon
		6	York

Teaching English as a second language

	8	Toronto
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Technologie de l'enseignement, pédagogie audio-visuelle

1	3	6	Laval
1	3	6	Montréal

Testing and measurement, experimentation (education)

1	3		Alberta
		3	Mount Saint Vincent
1	2	3	Ontario Institute for Studies in Education ¹¹
		3	Ottawa
	3	5	Saskatchewan at Saskatoon

See also/Voir aussi:

Art education (art, fine art, theatre)

Childhood assessment and counselling (psychology)

Child study (psychology)

Commercial education, business teaching (business, commerce, administration)

Éducation en nursing (sciences infirmières)

Enseignement de l'éducation physique (éducation physique et récréation)

Enseignement en arts plastiques (art, beaux-arts, théâtre)

Enseignement en musique, éducation musicale (musique)

Home economics teaching (home economics and food science)

Library science - education (library science)

Mathematics - teaching of (mathematics)

Music education (music)

Nursing education (nursing)

School music (music)

6. History/Histoire

Ancient history, civilization

1	3	6	Alberta
		6	Brock
		6	Calgary
		6	Carleton
	3	6	Dalhousie
		6	Loyola ⁹
	3	6	Manitoba
		6	McGill
		6	McMaster
		6	Mount Allison
	3	6	⁹ New Brunswick
		6	Ottawa
		6	⁹ Saint Mary's
1	2	3	Toronto
		6	Trent
		6	⁹ Waterloo
		6	Windsor

Civilisations grecque et romaine

		6	Montréal
	3	6	Ottawa

Histoire

		6	Laurentienne
1	3	6	Laval
		6	Manitoba (Saint-Boniface)
		6	Moncton
1	3	6	Montréal
1	3	6	Ottawa
		6	Québec à Chicoutimi
		6	Québec à Trois-Rivières
		6	Québec - Services universitaires du Nord-Ouest québécois
		6	Sainte-Anne
	3	6	Sherbrooke

Histoire des sciences

	3		Montréal
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History

	3	6	Acadia
1	3	6	Alberta
		6	Bishop's
		6	Brandon

		6	Brescia ³
1	3	6	British Columbia
		6	Brock
	3	6	Calgary
	3	6	Carleton
		9	Christ the King
1	3	6	Dalhousie
1	3	6	Guelph
		6	Huron ⁵
		6	King's (London) ⁸
	3	6	Lakehead
		6	Laurentian
		6	Lethbridge
		6	Loyola ⁹
1	3	6	Manitoba
1	3	6	McGill
1	3	6	McMaster
	2 3	6	Memorial
		6	Mount Allison
		6	Mount Saint Vincent
1	3	6	New Brunswick
		6	Notre Dame
1	3	6	Ottawa
		6	Prince Edward Island
1	3	6	Queen's
	3	6	Royal Military
		6	St. Francis Xavier
		6	St. Jerome's ¹²
		6	St. John's ¹³
	3	6	Saint Mary's
		6	Sainte-Anne
	3	6	Saskatchewan at Regina
1	3	6	Saskatchewan at Saskatoon
1	3	6	Simon Fraser
1	3	6	Sir George Williams
1	2 3	6	Toronto
	3	6	Trent
	3	6	Victoria (B.C.)
1	2 3	6	Waterloo
	3	6	Waterloo Lutheran
1	3	6	Western Ontario
	3	6	Windsor
		6	Winnipeg
1	3	6	York

History, logic, philosophy of science and technology

		9	Saskatchewan at Regina
	3		Toronto
		9	York

Mediaeval studies, Renaissance studies

		6	Manitoba
		6	McGill
		6	Queen's
1		4	St. Michael's ¹⁴
1	2 3		Toronto
		9	Waterloo

Roman studies

1			McMaster
		6	Ottawa

Victorian studies

	3		Toronto
	3		York

War studies

	3		9 Acadia
			Royal Military

See also/Voir aussi:

Art history, history of art (art, fine arts, theatre)

Development studies (economics)

Economic history (economics)

Histoire de l'art (art, beaux-arts, théâtre)

Histoire de l'éducation (éducation)

Histoire et langues musicales (musique)

History and philosophy of religion (religious studies)

History of education, philosophy of education (education)

Music history, music literature (music)

Sciences médiévales (philosophie)

7. Home economics and food science/ Sciences domestiques et sciences de la nutrition

Clothing and textiles, textiles and design, fashion

	3	6	Alberta
1	3	6	Guelph
	3	6	Manitoba
		6	Mount Saint Vincent
		6	Ottawa
		7	Ryerson Polytechnical
		6	St. Francis Xavier
		6	Saskatchewan at Saskatoon
		6	Toronto

Community development (home economics)

	6		Toronto
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Dietetics

	6		British Columbia
	6		Manitoba
	6		McGill
	6		Mount Saint Vincent

	6	Ottawa	6	McGill
	6	Saskatchewan at Saskatoon	6	Mount Saint Vincent
	6	Toronto	6	Ottawa
			6	Prince Edward Island
			6 7	Ryerson Polytechnical
			6	St. Francis Xavier
Diététique			6	Saskatchewan at Saskatoon
3	6	Laval	6	Western Ontario
	6	Moncton	6	Windsor
	6	Ottawa	6	
Économie du foyer				
	6	Ottawa		Home economics management, administration
			6	Mount Saint Vincent
Family studies, family science, family living			6	Saskatchewan at Saskatoon
3	6	Alberta		Home economics teaching
	6	British Columbia	3	British Columbia
3	6	Guelph	6	McGill
3	6	Manitoba	6	Mount Saint Vincent
	6	Mount Saint Vincent	6	New Brunswick
	6	Ottawa	6	Saskatchewan at Saskatoon
	6	Toronto		
Food chemistry, food biochemistry				Housing and design (home economics)
1 3		Alberta	6	Guelph
	6	McGill	6	Saskatchewan at Saskatoon
3	6	Toronto		
Food management, administration				Interior design
1 3		Guelph	6	Manitoba
	6	McGill	6	Ryerson Polytechnical
Foods and nutrition				Nutritional biochemistry
	6	Acadia	1 3	Victoria (B.C.)
3	6	Alberta		
3	6	British Columbia		Nutrition (F), alimentation
1 3	6	Guelph	6	Laval
3	6	Manitoba	6	Moncton
	6	McGill	3 6	Montréal
	6	Mount Saint Vincent	6	Ottawa
	6	St. Francis Xavier		
Food science				Nutrition (home economics)
1 3	6	Alberta	3 6	British Columbia
1 3	6	British Columbia	1 3 6	Guelph
	6	Guelph	6	McGill
1 3	6	Manitoba	6	Mount Saint Vincent
	6	McGill	6	Prince Edward Island
	6	Ottawa	6	Saskatchewan at Saskatoon
1 3	6	Saskatchewan at Saskatoon	1 3 5 6	Toronto
1 3	6	Toronto		
Food technology				Sanitation management (home economics)
	6	McGill	6	McGill
Home economics, household science				Sciences domestiques
	6	Acadia	6	Moncton
3	6	Alberta	6	Ottawa
	6	Brescia ³		
3	6	British Columbia		Vêtement et textiles
1 3	6	Guelph	6	Ottawa
3	6	Manitoba		

Vivres, science des vivres
 1 3 6
 6 Laval
 Ottawa

See also/Voir aussi:

Consommation (administration, commerce,
 administration des affaires)

Consumer studies, education (business,
 commerce, administration)

Hotel, food, restaurant and institution
 administration (business, commerce,
 administration)

8. Law/Droit

Air and space law
 3 5 McGill

Commerce and law, administration and
 law
 3 6 British Columbia
 Dalhousie
 6 New Brunswick
 6 Saskatchewan at Regina
 6 Saskatchewan at Saskatoon

Droit
 1 3 6 Laval
 1 3 4 5 Montréal
 1 3 4 Ottawa
 3 4 Sherbrooke

Droit notarial
 5 Laval
 5 Montréal
 5 Sherbrooke

Law
 3 6 Alberta
 3 6 British Columbia
 9 Carleton
 Dalhousie
 3 6 Manitoba
 3 6 McGill
 1 3 5 6 New Brunswick
 6 Ottawa
 3 6 Queen's
 3 6 Saskatchewan at Saskatoon
 1 3 6 Toronto
 6 Western Ontario
 6 Windsor
 1 3 6 York

See also/Voir aussi:

Canon law (religious studies)

Droit canonique (sciences religieuses)

9. Physical education and recreation/ Education physique et récréation

Athletic studies
 9 Winnipeg

Éducation physique
 3 6 Laval
 6 Moncton
 3 6 Montréal
 3 6 Ottawa
 6 Québec à Trois-Rivières
 6 Québec - Services
 universitaires du Nord-
 Ouest québécois

Enseignement de l'éducation physique
 3 Laval
 6 Québec à Montréal
 6 Québec à Trois-Rivières
 6 Québec - Services
 universitaires du Nord-
 Ouest québécois
 6 Sherbrooke

Health
 9 Queen's

Kinanthropologie
 3 6 Ottawa

Kinanthropology
 3 6 Ottawa

Kinesiology
 3 6 Simon Fraser
 3 6 Waterloo

Leisure studies
 6 Waterloo

Physical education, physical and health
 education, physical education and
 recreation
 6 Acadia
 1 3 6 Alberta
 3 6 British Columbia
 6 Calgary
 3 6 Dalhousie
 6 Guelph
 6 Lakehead
 6 Laurentian
 6 Lethbridge
 6 Manitoba
 6 McGill

Public service studies (business, commerce,
administration)

1 3 6
3 6

McMaster
Memorial
Mount Allison
Mount Saint Vincent
New Brunswick
Notre Dame
Ottawa
Prince Edward Island

Social and economic thought, social and
political ideas (philosophy)

3 6
6

Queen's
St. Francis Xavier
St. Jerome's¹²
St. John's¹³
Saint Mary's

11. Psychology/Psychologie

Child clinical psychology

1 Ottawa

1 3 6
6
6
6
6

Saskatchewan at Regina
Saskatchewan at Saskatoon
Simon Fraser
Sir George Williams
Toronto

Childhood assessment and counselling

5 Toronto

1 3 6
1 3 6
1 3 6
1 3 6

Trent

Child study

3 6 Guelph
5 Toronto

1 3 6
1 3 6

Victoria (B.C.)
Waterloo

Clinical psychology

5 Dalhousie
3 Lakehead
1 Ottawa
5 Queen's

1 3 6
1 3 6
3 6
1 3 6
1 3 6

Waterloo Lutheran
Western Ontario
Windsor
Winnipeg
York

Human relations and counselling studies

1 3 6 Waterloo

Psycho-mathématiques

1 3

Sherbrooke

Psychobiology

6 Lethbridge

Relations humaines

6

Québec à Montréal

Psychologie

1 3 6 Laurentienne
6 Laval
6 Manitoba (Saint-Boniface)
3 6 Moncton
1 3 6 Montréal
1 3 6 Ottawa
3 6 Québec à Montréal
6 Québec à Trois-Rivières
6 Sherbrooke

See also/Voir aussi:

Animal behavior (veterinary medicine and
animal science)

Child psychology (education)

Counseling scolaire (éducation)

Culture change (sociology)

Development studies (sociology)

Educational psychology, school psychology
(education)

Génagogie (sciences sociales - général)

Guidance, counselling, counselling
psychology (education)

Human learning (education)

Man-environment studies (sociology)

Psychology

3 6 Acadia
1 3 6 Alberta
6 Bishop's
6 Brandon
1 3 6 British Columbia
6 Brock
1 3 6 Calgary
1 3 6 Carleton
1 3 5 6 Dalhousie
3 6 Guelph
9 Huron⁵
9 King's (London)⁸
3 6 Lakehead
6 Laurentian
6 Lethbridge
6 Loyola⁹
1 3 6 Manitoba
1 3 6 McGill

Psycho-éducation, psycho-pédagogie (éducation)			3 3		Ottawa Toronto
Psychologie scolaire, psychologie éducative (éducation)			3	6	Laval Moncton
Psychopedagogy (education)			1 3	6	Montréal
			3	6	Québec à Montréal
				8	Sherbrooke
Social action, behavior, development, structure, studies, theory (sociology)					
12. Secretarial science/ Sciences secrétarielles					
Medical secretarial science, medical records science			3	6	British Columbia Calgary
	7	Mount Saint Vincent	3	6	Carleton
	6 7	Notre Dame	3		Dalhousie
	7	St. Francis Xavier	3		King's (London) ⁸
				6	Laurentian
			3	6	Manitoba
			3	5 6	McGill
				6	McMaster
				6	Memorial
				6	Ryerson Polytechnical
				8	Saskatchewan at Regina
Sciences secrétarielles				6	Sir George Williams
	6	Moncton	1 3	5	Toronto
				6	Victoria (B.C.)
Secrétaires bilingues			3		Waterloo Lutheran
	8	Sainte-Anne		6	Western Ontario
			3	6	Windsor
				6	Winnipeg
Secretarial science, arts, administration					
	6 7	Acadia			
		8 Mount Allison			
	7	Mount Saint Vincent			
	6 7	Notre Dame			
	6 7	Ryerson Polytechnical			
	6	St. Francis Xavier			
	6	Western Ontario			

See also/Voir aussi:

Community development (home
economics and food science)

Génagogie (sciences sociales - général)

14. Sociology/Sociologie

Animation culturelle			6		Québec à Montréal
Culture change			6		Queen's
Development studies (psychology, sociology)			6		Winnipeg
Human resources development			6		York
Information culturelle			6		Québec à Montréal
Man-environment studies			6		Waterloo

See also/Voir aussi:

Commercial education, business
teaching (business, commerce,
administration)

13. Social work/Service social

Administration correctionnelle			3		Ottawa
Correctional administration			3		Ottawa
Criminologie			1 3	6	Montréal
			3		Ottawa
Criminology			8		British Columbia

Recherche culturelle									
	6		Québec à Montréal						
Rural sociology									
1	3	6	Alberta						
Social action, behavior, development, structure, studies, theory									
		6	Queen's						
	3	6	Saskatchewan at Regina						
		6	Trent						
		6	Windsor						
Social and urban studies									
	6		Lakehead						
Sociologie									
		6	Laurentienne						
1	3	6	Laval						
		6	Manitoba (Saint-Boniface)						
		6	Moncton						
1	3	6	Montréal						
		6	Ottawa						
	3	6	Québec à Montréal						
		6	Sainte-Anne						
Sociology									
		6	Acadia						
1	3	6	Alberta						
		6	Bishop's						
		6	Brandon						
1	3	6	British Columbia						
		6	Brock						
		6	Calgary						
1	3	6	Carleton						
		6	Dalhousie						
		6	Guelph						
		9	King's (London) ⁸						
		6	Lakehead						
		6	Laurentian						
		6	Lethbridge						
		6	Loyola ⁹						
		6	Manitoba						
1	3	6	McGill						
1	3	6	McMaster						
2	3	6	Memorial						
		9	Mount Allison						
		6	Mount Saint Vincent						
		6	New Brunswick						
		6	Notre Dame						
		6	Ottawa						
		6	Prince Edward Island						
		6	Queen's						
		6	St. Francis Xavier						
		9	St. Jerome's ¹²						
		6	St. John's ¹³						
		6	Saint Mary's						
		6	Sainte-Anne						
		6	Saskatchewan at Regina						
1	3	6	Saskatchewan at Saskatoon						
1	3	6	Simon Fraser						
		6	Sir George Williams						
1	2	3	Toronto						
		6	Trent						

	3	6	Victoria (B.C.)
1	3	6	Waterloo
		6	Waterloo Lutheran
	3	6	Western Ontario
	3	6	Windsor
		6	Winnipeg
1	3	6	York

See also/Voir aussi:

Démographie (sciences de la terre)

Human relations and counselling studies (psychology)

Leisure studies (physical education and recreation)

Organizational theory and behavior (business, commerce, administration)

Relations humaines (psychologie)

Social and economic thought, social and political ideas (philosophy)

Social leadership, development (social sciences - general)

Sociology in education (education)

IV Biological sciences/Sciences biologiques

1. Agriculture/Agriculture

Agricultural biology, microbiology

1	3	6	British Columbia
		6	Guelph
		6	McGill
1	3	6	Saskatchewan at Saskatoon

Agricultural business, commerce, economics

1	3	6	Alberta
		6	British Columbia
		6	Guelph
1	3	6	Manitoba
		6	McGill
		7	Nova Scotia Agricultural
1	3	6	Saskatchewan at Saskatoon

Agricultural chemistry

1	3	6	McGill
		6	Saskatchewan at Saskatoon

Agricultural engineering						
3	6	Alberta		Dairying, dairy science		
3	6	British Columbia		1	3	6
1	3	Guelph				6
3	6	Manitoba				7
1	3	McGill		1	3	6
	7	Nova Scotia Agricultural				
	7	Nova Scotia Technical		Économie rurale		
1	3	Saskatchewan at Saskatoon		3		Laval
Agricultural extension				Entomology (agriculture)		
3		British Columbia		1	3	6
3		Guelph				6
				1	3	6
Agricultural land planning and development				1	3	6
	6	McGill		1	3	6
Agricultural mechanics, mechanization				Environmental horticulture		
3	6	Alberta		6		Guelph
3	6	British Columbia				
	6	Saskatchewan at Saskatoon		Génie rural		
				3	6	Laval
Agriculture (E)				Grazing management		
1	3	Alberta		6		Alberta
1	3	British Columbia				
1	3	Guelph		Horticulture		
1	3	Manitoba		1	3	6
1	3	McGill				6
	7	Nova Scotia Agricultural		1	3	6
1	3	Saskatchewan at Saskatoon			3	6
				1	3	6
						6
Agriculture (F)						Saskatchewan at Saskatoon
1	3	Laval				
				Landscape architecture		
Agrobiologie, bioagronomie				6		British Columbia
1	3	Laval		6		Guelph
				6		Manitoba
Agro-économie					7	Ryerson Polytechnical
	6	Laval		6		Toronto
Agrometeorology				Nutrition (agriculture)		
1	3	Guelph		1	3	Guelph
Agronomy				Phytotechnie		
	6	British Columbia		1	3	Laval
1	3	McGill				
				Plant ecology		
Apiculture				1	3	6
1	3	Guelph				Saskatchewan at Saskatoon
Architecture paysagiste				Plant genetics		
	6	Montréal		1	3	6
						British Columbia
Crop science, crop ecology				Plant pathology		
1	3	Alberta		1	3	Guelph
1	3	Guelph				
1	3	Saskatchewan at Saskatoon		Plant physiology		
				1	3	Guelph

	3		New Brunswick
		6	Notre Dame
1	3	6	Toronto
		6	Victoria (B.C.)
1	3	6	Western Ontario
		6	Winnipeg

See also/Voir aussi:

Agricultural biology, microbiology
(agriculture)

Agrobiologie, bioagronomie (agriculture)

Animal behavior (veterinary medicine and
animal science)

Biochemical engineering (engineering)

Biologie dentaire (art dentaire)

Biomedical engineering, electronics
(medicine and allied health)

Biophysics (physics)

Biophysique (physique)

Education physique (éducation physique et
récréation)

Forest biology (forestry)

Laboratory science, technology, medical
laboratory technology (medicine and allied
health)

Marine biology, marine sciences (marine
sciences)

Medical biophysics (medicine and allied
health)

Medical cell biology (medicine and allied
health)

Microbiologie, immunologie (médecine et
sciences de la santé)

Microbiology, immunology (medicine and
allied health)

Nutritional biochemistry (home economics
and food science)

Oral biology, pathology (dentistry)

Pharmacodynamie biochimique
(pharmacie)

Physical education, physical and health
education, physical education and
recreation (physical education and recreation)

Psychobiology (psychology)

3. Dentistry/Art dentaire

Biologie dentaire

3 Montréal

Chirurgie dentaire

6 Laval
3 6 8 Montréal

Clinical sciences (dentistry)

3 Alberta

Dental auxiliary

7 Alberta

Dental hygiene

7 Alberta
7 British Columbia
7 Dalhousie
7 Manitoba
7 Toronto

Dental public health

5 Toronto

Dentistry

3 5 6 Alberta
6 British Columbia
3 6 Dalhousie
1 3 6 Manitoba
5 6 McGill
6 Saskatchewan at Saskatoon
1 3 5 6 Toronto
6 Western Ontario

Hygiène dentaire

6 Montréal

Médecine dentaire

6 Laval

Oral biology, pathology

1 3 Alberta
1 3 Manitoba
1 3 Toronto

Man-environment studies (sociology)

Plant ecology (agriculture)

Public health inspection (hygiene)

Public service and administration -
resources (business, commerce,
administration)

Water resources engineering (marine
sciences)

5. Forestry/Sciences forestières

Aménagement forestier

1 3 Laval

Écologie forestière

1 3 Laval

Environmental forest technology

7 Lakehead

Exploitation forestière

1 3 Laval

Forest biology

1 3 6 British Columbia
Toronto

Forest ecology

1 3 Toronto

Forest engineering

3 6 British Columbia
New Brunswick

Forest entomology

6 New Brunswick

Forest fire science

1 3 Toronto

Forest harvesting, production, products

6 6 British Columbia
New Brunswick
1 3 Toronto

Forest hydrology

6 Alberta

Forest management, forest resources
management

6 Alberta
6 British Columbia
6 New Brunswick
1 3 Toronto

Forest pathology

6 New Brunswick

Forest resource policy

1 3 Toronto

Forestry, forest technology

6 Alberta
1 3 6 British Columbia
6 7 Lakehead
9 Memorial
3 6 New Brunswick
1 3 6 Toronto

Forest soils

1 3 Toronto

Génie forestier

6 Laval

Pédologie forestière

1 3 Laval

Sciences du bois

1 3 Laval

Sciences forestières

1 3 6 Laval

Silvics, silviculture (E)

6 British Columbia
6 New Brunswick
1 3 Toronto

Sylviculture (F)

1 3 Laval

Timber harvesting technology

7 Lakehead

Urban forestry

1 3 Toronto

Woodlot management

3 McGill

Wood science and industry, forest
products

6 British Columbia
1 3 6 Toronto

See also/Voir aussi:

Wildlife management (environmental studies)

Wildlife resources (environmental studies)

6. Hygiene/Hygiène

Éducation sanitaire
3

Montréal

Hygiene

1 3 5 8

Toronto

Hygiène

1 3 5

Montréal

Hygiène - environnement

1 3

Montréal

Hygiène publique

5

Montréal

Public health inspection

8 Ryerson Polytechnical

See also/Voir aussi:

Community health nursing (nursing)

Dental hygiene (dentistry)

Environmental health (environmental studies)

Environmental health inspection (environmental studies)

Epidemiology, community health (medicine and allied health)

Hygiène dentaire (art dentaire)

Public health nursing (nursing)

Sanitation management (home economics and food science)

7. Marine sciences/Sciences de l'eau

Fisheries

1 3
1 3 6British Columbia
Guelph
9 Calgary

Marine biology, marine sciences

1 3 6
1 3 6
1 3 6
1 3 6Guelph
McGill
Memorial
Victoria (B.C.)

Ocean engineering

1 3 6
1 3 6Memorial
Nova Scotia Technical

Oceanography

1 3
1 3British Columbia
Dalhousie

Sciences de l'eau

3

Québec - Institut national
de la recherche scientifique

Water resources engineering

1 3 6

Guelph

See also/Voir aussi:

Fluid mechanics (engineering)

Forest hydrology (forestry)

Hydrology (earth sciences)

8. Medicine and allied health/
Médecine et sciences de la santé

Note: for this section only, 5 also denotes specialty training programs approved by The Royal College of Physicians and Surgeons of Canada./
Note: Seulement pour cette division, le chiffre 5 représente aussi les programmes de formation dans les spécialités agréées par Le Collège royal des médecins et chirurgiens du Canada.

Administration sanitaire, de la santé

3 Montréal
3 Ottawa

Anaesthesia

5 Alberta
5 British Columbia
5 Calgary

	5	Dalhousie	Clinical behavioral sciences (medicine)		
3		Manitoba		5	McMaster
	5	McGill			
	5	McMaster	Clinical chemistry, biochemistry (medicine)		
	5	Memorial			
	5	Ottawa	1	3	5
	5	Queen's			Toronto
3		Saskatchewan at Saskatoon			
	5	Toronto	Clinical sciences (medicine)		
3		Western Ontario		5	Toronto
				3	Western Ontario
Anesthésie					
	5	Laval	Dermatologie		
	5	Montréal		5	Laval
	5	Sherbrooke		5	Montréal
Bacteriology			Dermatology		
	3	Alberta		5	British Columbia
1	3	Saskatchewan at Saskatoon		5	McGill
	5	Toronto		5	Toronto
	6	Victoria (B.C.)			
1	3	Western Ontario	Embryologie		
	6			1	3
	6				Laval
Biochimie médicale			Embryology		
1	3	Laval		1	3
					Ottawa
Biomedical engineering, electronics			Epidemiology, community health		
1	3	Alberta		1	3
1	3	Manitoba			McGill
1	3	McGill		1	3
1	3	Saskatchewan at Saskatoon			Queen's
1	3	Toronto		1	3
					Toronto
				1	3
					Western Ontario
Cancer research			Experimental medicine		
1	3	Saskatchewan at Saskatoon		3	Alberta
				1	3
					McGill
Cardiovascular and thoracic surgery			Family medicine		
	5	Alberta		5	Dalhousie
	5	British Columbia		5	McMaster
	5	Manitoba		5	Toronto
	5	McGill		5	Western Ontario
	5	Queen's			
	5	Toronto	Génie médical		
	5	Western Ontario		6	Québec à Trois-Rivières
Chirurgie				3	Sherbrooke
1	3	Laval			
	5	Montréal	Health administration, health services administration, planning		
	5	Sherbrooke		3	Alberta
				3	British Columbia
Chirurgie cardiovasculaire et thoracique				3	Ottawa
	5	Montréal		1	3
					Toronto
Chirurgie orthopédique			Hospital administration		
	5	Laval		3	Toronto
	5	Montréal			
	5	Sherbrooke	Human communication disorders		
Chirurgie plastique				1	3
	5	Montréal			McGill
				6	Western Ontario

Neurosurgery			Orthopédie		
5	Alberta		5		Montréal
5	British Columbia				
5	Calgary		Orthophonie et audiologie		
5	Dalhousie		3	6	Montréal
5	Manitoba				
1	McGill		Otolaryngologie		
3	Ottawa		5		Laval
5	Saskatchewan at Saskatoon		5		Montréal
5	Toronto				
5	Western Ontario				
			Otolaryngology		
Obstetrics and gynaecology			5		Alberta
5	Alberta		5		British Columbia
5	British Columbia		5		Dalhousie
5	Calgary		5		Manitoba
5	Dalhousie		3		McGill
5	Manitoba		5		Queen's
5	McGill		3		Toronto
5	McMaster		5		Western Ontario
5	Memorial				
5	Ottawa		Paediatrics		
5	Queen's		3		Alberta
5	Saskatchewan at Saskatoon		3		British Columbia
3	Toronto		5		Calgary
3	Western Ontario		5		Dalhousie
			3		Manitoba
Obstétrique et gynécologie			5		McGill
5	Laval		5		McMaster
5	Montréal		5		Memorial
			5		Ottawa
Ophthalmologie			3		Queen's
5	Laval		5		Saskatchewan at Saskatoon
5	Montréal		1	3	Toronto
5	Sherbrooke		3		Western Ontario
Ophthalmology, ophthalmic science			Pathological chemistry		
3	Alberta		1	3	Toronto
5	British Columbia		1	3	Western Ontario
5	Dalhousie				
5	Manitoba		Pathologie		
5	McGill		1	3	Laval
5	McMaster		1	3	Montréal
5	Ottawa		1	3	Sherbrooke
5	Queen's				
5	Saskatchewan at Saskatoon		Pathology		
5	Toronto		3		Alberta
5	Western Ontario		1	3	British Columbia
			3	5	Dalhousie
Orthopaedic surgery			3		Manitoba
5	Alberta		1	3	McGill
5	British Columbia		1	3	Ottawa
5	Calgary		1	3	Queen's
5	Dalhousie		1	3	Saskatchewan at Saskatoon
5	Manitoba		1	3	Toronto
5	McGill		1	3	Western Ontario
5	McMaster				
5	Memorial		Pédiatrie		
5	Ottawa		5		Laval
5	Queen's		5		Montréal
5	Saskatchewan at Saskatoon		5		Sherbrooke
5	Toronto				
5	Western Ontario				

Pharmacologie

1	3	Laval
1	3	Montréal
1	3	Sherbrooke

Pharmacology

1	3	6	Alberta
1	3		British Columbia
1	3		Dalhousie
1	3		Manitoba
1	3		McGill
1	3		Ottawa
1	3		Queen's
1	3	6	Saskatchewan at Saskatoon
1	3		Toronto
1	3		Western Ontario

Physiatrie

5	6	Laval
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Physical medicine and rehabilitation

5	Alberta
5	British Columbia
5	Dalhousie
5	McGill
5	McMaster
5	Queen's
5	Saskatchewan at Saskatoon
5	Toronto
5	Western Ontario

Plastic surgery

5	Alberta
5	British Columbia
5	Dalhousie
5	Manitoba
5	McGill
5	Saskatchewan at Saskatoon
5	Toronto
5	Western Ontario

Preventive medicine

1	3	5	Toronto
1	3		Western Ontario

Psychiatrie

5	Laval
5	Montréal
5	Sherbrooke

Psychiatry

5	Alberta	
3	British Columbia	
5	Calgary	
5	Dalhousie	
3	Manitoba	
3	McGill	
5	McMaster	
5	Memorial	
5	Ottawa	
3	Queen's	
1	3	Saskatchewan at Saskatoon
5	Toronto	
5	Western Ontario	

Public health

5	8	Toronto
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Radiologie - diagnostique

5	Laval
5	Montréal
5	Sherbrooke

Radiologie - thérapeutique

5	Laval
5	Montréal

Radiology - diagnostic

5	Alberta
5	British Columbia
5	Calgary
5	Dalhousie
5	Manitoba
5	McGill
5	McMaster
5	Memorial
5	Queen's
5	Saskatchewan at Saskatoon
5	Toronto
3	Western Ontario

Radiology - therapeutic

5	Alberta
5	Dalhousie
5	McGill
5	Queen's
5	Saskatchewan at Saskatoon
5	Toronto
5	Western Ontario

Science épidémiologique

1	3	Sherbrooke
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Sciences cliniques

1	3	Montréal
1	3	Sherbrooke

Speech pathology and audiology

6	Alberta
3	British Columbia
5	Toronto

Surgery, experimental surgery

1	3	Alberta	
3	British Columbia		
5	Calgary		
5	Dalhousie		
3	Manitoba		
1	3	McGill	
1	3	5	McMaster
5	Memorial		
5	Ottawa		
3	Queen's		
1	3	Saskatchewan at Saskatoon	
1	3	Toronto	
3	Western Ontario		

Physiological optics 3	Waterloo	Pharmacy 1 3 6 1 3 6 3 6 3 6 3 6 1 3 6	Alberta British Columbia Dalhousie Manitoba Saskatchewan at Saskatoon Toronto
11. Pharmacy/Pharmacie			
Chimie médicinale (pharmacie) 1 3 1 3	Laval Montréal	Product manufacturing, development (pharmacy) 1 3 6 6	Alberta British Columbia Saskatchewan at Saskatoon
Community pharmacy 6	Alberta	Radiopharmacy 3	Alberta
Drug distribution (pharmacy) 6	British Columbia	Retail pharmacy 6 6	Manitoba Saskatchewan at Saskatoon
Hospital pharmacy 6 6 6 6	Alberta British Columbia Manitoba Saskatchewan at Saskatoon	12. Rehabilitation medicine/ Réhabilitation	
Pharmaceutical chemistry 1 3 1 3 3 3 1 3	Alberta British Columbia Manitoba Saskatchewan at Saskatoon Toronto	Ergothérapie 6 6	Laval Montréal
Pharmaceutics, biopharmaceutics 1 3 6 1 3 3 3 6 3	Alberta British Columbia Dalhousie Manitoba Saskatchewan at Saskatoon	Occupational therapy 6 7 6 6 7 6 6 6 6	Alberta British Columbia Manitoba McGill Queen's Toronto Western Ontario
Pharmacie, sciences pharmaceutiques 1 3 6 1 3 5 6	Laval Montréal	Occupational therapy (teaching of) 5 8	Alberta Toronto
Pharmacie d'hôpital 5	Montréal	Physiothérapie 6 6	Laval Montréal
Pharmacodynamie biochimique 1 3	Montréal	Physiotherapy, physical therapy 6 7 6 7 6 7 6 6 6 7 6 6	Alberta British Columbia Dalhousie Manitoba McGill Queen's Saskatchewan at Saskatoon Toronto Western Ontario
Pharmacognosie 1 3	Montréal	Physiotherapy (teaching of) 8	Toronto
Pharmacognosy 1 3 3 3 6 3 1 3	Alberta Dalhousie Manitoba Saskatchewan at Saskatoon Toronto		

See also/Voir aussi:

Médecine physique et réhabilitation
(médecine et sciences de la santé)

Orthophonie et audiologie (médecine et
sciences de la santé)

Physical medicine and rehabilitation
(medicine and allied health)

Speech pathology and audiology (medicine
and allied health)

13. Veterinary medicine, animal science/ Médecine vétérinaire, sciences des animaux

Animal behavior	6	McGill
Animal science		
1 3 6		Alberta
1 3 6		British Columbia
1 3 6		Guelph
1 3 6		Manitoba
1 3 6		McGill
	7	Nova Scotia Agricultural College
1 3 6		Saskatchewan at Saskatoon
Bactériologie vétérinaire	3	Montréal
Biomedical sciences (veterinary medicine)	1 3	Guelph
Clinical studies (veterinary medicine)	3 5	Guelph
Histology (veterinary medicine)	3	Guelph
Médecine vétérinaire	3 6 8	Montréal
Microbiology, immunology (veterinary medicine)	1 3	Guelph
	1 3	Saskatchewan at Saskatoon
Parasitology (veterinary medicine)	1 3	Guelph
Pathologie (médecine vétérinaire)	3	Montréal

Pathology (veterinary medicine)
1 3 5 Guelph
1 3 5 Saskatchewan at Saskatoon

Veterinary medicine
1 3 5 6 Guelph
1 3 5 6 Saskatchewan at Saskatoon

Veterinary public health, preventive
medicine
5 Guelph
5 Toronto

V Physical sciences/Sciences physiques

1. General/Général

8 Acadia
6 Royal Military

See also/Voir aussi:

Histoire des sciences (histoire)

History, logic and philosophy of science
and technology (history)

Humanities of science (humanities -
general)

2. Architecture/Architecture

Architecture (E)
3 6 British Columbia
3 Calgary
6 Carleton
3 Manitoba
3 6 McGill
3 6 Nova Scotia Technical
7 Ryerson Polytechnical
9 St. Francis Xavier
3 6 Toronto
6 Waterloo

Architecture (F)
3 6 Laval
1 3 6 Montréal

See also/Voir aussi:

Architecture paysagiste (agriculture)

Housing and design (home economics and
food science)

Interior design (home economics and food science)

Physiochimie, physico-chimie

6

Moncton

6

Québec à Trois-Rivières

Landscape architecture (agriculture)

See also/Voir aussi:

3. Chemistry/Chimie

Chemistry

	3	6	Acadia
1	3	6	Alberta
	3	6	Bishop's
		6	Brandon
1	3	6	British Columbia
	3	6	Brock
1	3	6	Calgary
1	3	6	Carleton
1	3	6	Dalhousie
1	3	6	Guelph
	3	6	Lakehead
	3	6	Laurentian
		6	Lethbridge
		6	Loyola ⁹
1	3	6	Manitoba
1	3	6	McGill
1	3	6	McMaster
1	3	6	Memorial
	3	6	Mount Allison
		6	Mount Saint Vincent
1	3	6	New Brunswick
		6	Notre Dame
1	3	6	Ottawa
		6	Prince Edward Island
1	3	6	Queen's
	3		Royal Military
	3	6	St. Francis Xavier
		6	St. John's ¹³
		6	Saint Mary's
1	3	6	Saskatchewan at Regina
1	3	6	Saskatchewan at Saskatoon
1	3	6	Simon Fraser
1	3	6	Sir George Williams
1	3	6	Toronto
	3	6	Trent
1	3	6	Victoria (B.C.)
1	3	6	Waterloo
		6	Waterloo Lutheran
1	3	6	Western Ontario
1	3	6	Windsor
		6	Winnipeg
1	3	6	York

Chimie

1	3	6	Laval
	3	6	Moncton
1	3	6	Montréal
		6	Québec à Chicoutimi
		6	Québec à Montréal
		6	Québec à Trois-Rivières
		6	Québec - Centre d'études universitaires de Rimouski
		6	Québec - Services universitaires du Nord-Ouest québécois
1	3	6	Sherbrooke

Agricultural chemistry (agriculture)

Biochemical engineering (engineering)

Biochemistry (biology)

Biochimie (biologie)

Chemical engineering (engineering)

Chemical physics (physics)

Chimie médicinale (pharmacie)

Clinical chemistry, biochemistry (medicine and allied health)

Engineering chemistry (engineering)

Food chemistry, food biochemistry (home economics and food science)

Génie chimique (génie)

Nutritional biochemistry (home economics and food science)

Pathological chemistry (medicine and allied health)

Pharmaceutical chemistry (pharmacy)

Pharmacodynamie biochimique (pharmacie)

4. Earth sciences/Sciences de la terre

Arid land development

5

McGill

Arpentage

6

Laval

Cartographie

1 3

Laval

1	3	6	Toronto	Photogrammetry				
		6	Waterloo	1	3	New Brunswick		
1	3	6	Western Ontario					
		6	Windsor					
Geomorphology				Surveying, surveying engineering				
3			Guelph	5		British Columbia		
				1	3	6	New Brunswick	
Geophysical engineering				Survey science				
1	3		British Columbia	6		Toronto		
		6	Toronto					
Geotechnical engineering				5. Engineering/Génie				
3			Calgary	Aeronautical engineering				
				1	3	Carleton		
Glaciology				Aerospace studies				
3			McGill	1	3	6	Toronto	
Hydrology				Aerospace technology				
1	3		British Columbia	7		Ryerson Polytechnical		
1	3		Guelph					
Metallurgical engineering				Biochemical engineering				
1	3	6	Alberta	1	3	6	Western Ontario	
1	3	6	British Columbia					
		7	Laurentian	Chemical engineering				
1	3	6	McGill	7		Acadia		
	3	6	McMaster	1	3	6	Alberta	
1	3	6	Nova Scotia Technical	1	3	6	British Columbia	
1	3	6	Queen's	1	3	6	Calgary	
		7	Ryerson Polytechnical			7	Lakehead	
						7	Laurentian	
Métallurgie				1	3	6	McGill	
1	3		Laval	1	3	6	McMaster	
Metallurgy				1	3	6	New Brunswick	
1	3	6	British Columbia	1	3	6	Nova Scotia Technical	
	3		McGill	1	3	6	Ottawa	
1	3	6	McMaster		3	6	Queen's	
1	3	6	Toronto			7	Royal Military	
						7	Ryerson Polytechnical	
Meteorology					3	6	Saskatchewan at Regina	
1	3		Alberta	1	3	6	Saskatchewan at Saskatoon	
1	3	6	McGill	1	3	6	Toronto	
				1	3	6	Waterloo	
				1	3	6	Western Ontario	
				1	3	6	Windsor	
Mineral and mining engineering				Civil engineering				
		7	Acadia	7		Acadia		
1	3	6	Alberta	1	3	6	Alberta	
1	3	6	British Columbia	1	3	6	British Columbia	
		7	Laurentian	1	3	6	Calgary	
1	3	6	McGill	1	3	6	Carleton	
	3	6	Memorial		3		Guelph	
		7	New Brunswick			7	Lakehead	
1	3	6	Nova Scotia Technical			7	Laurentian	
1	3	6	Queen's			7	Loyola ⁹	
	3	6	Saskatchewan at Saskatoon			6	Manitoba	
				1	3	5	6	McGill
Photogrammétric				1	3	6	McMaster	
1	3	6	Laval		3	6	Memorial	

	3	6	New Brunswick	6	7	Lakehead			
1	3	6	Nova Scotia Technical		7	Laurentian			
1	3	6	Ottawa		6	Loyola ⁹			
1	3	6	Queen's	1	3	5	6	Manitoba	
	3	6	Royal Military	1	3	5	6	McGill	
		7	Ryerson Polytechnical	1	3	6	McMaster		
	3	6	Saskatchewan at Regina	1	3	6	Memorial		
1	3	6	Saskatchewan at Saskatoon			8	Mount Allison		
1	3	6	Sir George Williams	1	3	6	7	New Brunswick	
1	3	6	Toronto	1	3	6	Nova Scotia Technical		
1	3	6	Waterloo	1	3	6	Ottawa		
1	3	6	Western Ontario			7	Prince Edward Island		
1	3	6	Windsor	1	3	5	6	Queen's	
					3	6	Royal Military		
						8	St. Francis Xavier		
Computer engineering						7	Saint Mary's		
1	3	6	Toronto		3	6	Saskatchewan at Regina		
				1	3	5	6	Saskatchewan at Saskatoon	
Construction management				1	3	6	Sir George Williams		
		7	Ryerson Polytechnical	1	3	6	Toronto		
				1	3	6	Waterloo		
Control engineering				1	3	6	Western Ontario		
1	3		Saskatchewan at Saskatoon	1	3	6	Windsor		
Design industriel								Engineering and management, engineering management	
		6	Montréal			6	McMaster		
						6	Royal Military		
						6	Saint Mary's		
Electrical communications				1	3		9	Waterloo	
1	3		McGill					Engineering and mathematics	
Electrical engineering						6	Queen's		
		7	Acadia					Engineering chemistry	
1	3	6	Alberta			6	Queen's		
1	3	6	British Columbia	1	3	6	Toronto		
1	3	6	Calgary					Engineering materials	
1	3	6	Carleton			3	6	Memorial	
	3	6	Guelph			1	3	6	Windsor
		7	Lakehead					Engineering physics	
1	3	5	6	1	3	6	British Columbia		
1	3	6	Manitoba			6	Dalhousie		
1	3	6	McGill			3	6	McMaster	
1	3	6	McMaster			6	Queen's		
	3	6	Memorial			3	6	Royal Military	
1	3	6	New Brunswick			1	3	6	Saskatchewan at Saskatoon
1	3	6	Nova Scotia Technical	1	3	6	Toronto		
1	3	6	Ottawa					Engineering science	
1	3	6	Queen's			6	Toronto		
	3	6	Royal Military			3	6	Western Ontario	
		7	Ryerson Polytechnical					Engineering technology	
	3	6	Saskatchewan at Regina			7	Lakehead		
1	3	6	Saskatchewan at Saskatoon			7	Ryerson Polytechnical		
1	3	6	Sir George Williams					Environmental design control (engineering)	
1	3	6	Toronto			3	6	Guelph	
1	3	6	Waterloo						
1	3	6	Western Ontario						
1	3	6	Windsor						
Engineering									
		8	Acadia						
1	3	6	Alberta						
1	3	6	British Columbia						
1	3	5	6						
1	3	6	Calgary						
1	3	6	Carleton						
		6	7						
1	3	6	Dalhousie						
1	3	6	Guelph						

Processing, process control

3

3

Alberta
Guelph

Geological engineering (earth sciences)

Geophysical engineering (earth sciences)

Science du matériau

6

Québec à Chicoutimi

Geotechnical engineering (earth sciences)

Systems design engineering

1

3

6

Waterloo

Industrial management for engineering
technology (business, commerce,
administration)**Technical production**

7

Ryerson Polytechnical

Metallurgical engineering (earth sciences)

Theoretical and applied mechanics

1

3

New Brunswick

Mineral and mining engineering (earth
sciences)**Transportation and utilities, transportation
planning**

6

British Columbia
Calgary
Toronto
York

Ocean engineering (marine sciences)

Space science (physics)

1

3

1

3

Survey engineering (earth sciences)

See also/Voir aussi:

Survey science (earth sciences)

Agricultural engineering (agriculture)Water resources engineering (marine
sciences)**Agricultural mechanics, mechanization
(agriculture)****6. Mathematics/Mathématiques****Enseignement professionnel - électronique,
technique de la mécanique (éducation)****Combinatorics, optimization**

6

Sir George Williams
Waterloo

1

2

3

6

**Enseignement technique - ingénieur
(éducation)****Computer science, computing science,
computer systems**

6

Acadia

1

3

6

Alberta

9

Bishop's

1

3

6

British Columbia

9

Brock

1

3

6

Calgary

9

Carleton

9

Dalhousie

6

Guelph

7

Lakehead

9

Lethbridge

Loyola⁹

6

Manitoba

1

3

6

McGill

6

McMaster

9

Memorial

**Environmental engineering (environmental
studies)****Forest engineering (forestry)****Génie forestier (sciences forestières)****Génie géologique (sciences de la terre)****Génie médical (médecine et sciences de la
santé)****Génie métallurgique (sciences de la terre)****Génie minier (sciences de la terre)****Génie rural (agriculture)**

6

New Brunswick

6

Ottawa

6

Queen's

3

6

7

Ryerson Polytechnical

6

St. John's¹³

6

Saskatchewan at Regina

6

Saskatchewan at Saskatoon

See also/Voir aussi:

Aeronautical engineering (engineering)

Aerospace studies (engineering)

Aerospace technology (engineering)

Engineering physics (engineering)

Génie aérospatial (génie)

Génie physique (génie)

Geophysical engineering (earth sciences)

Medical biophysics (medicine and allied health)

8. Regional studies/Études régionales

Aménagement

1 3 Montréal

Aménagement du territoire et développement régional

3 Laval

Community or urban and regional planning, development, studies

3 Alberta
 1 3 British Columbia
 6 Lethbridge
 3 Queen's
 6 St. Jerome's¹²
 6 Saskatchewan at Saskatoon
 3 5 Toronto
 1 3 6 Waterloo

Planification régionale

3 Ottawa

Regional planning

3 Ottawa
 1 3 Waterloo

Urbanisme

3 Montréal

Urban planning, city planning

3 5 Manitoba
 3 McGill
 7 Ryerson Polytechnical

Urban studies, urbanism

6 8
 3 6
 6
 6
 6

9 British Columbia
 Brock
 9 Calgary
 Sir George Williams
 Winnipeg
 York

See also/Voir aussi:

Démographie (sciences de la terre)

Social and urban studies (sociology)

Urban land economics (business, commerce, administration)

VI Independent studies, experimental programs/Études indépendantes, programmes expérimentaux

6 Bishop's (Independent Studies, Dialogue)
 9 British Columbia (Arts One)
 9 Carleton (Unified Liberal Arts Program, French Language Program)
 9 Dalhousie (experimental classes)
 9 King's (Halifax)⁷ (Foundation Year Program)
 6 Lethbridge (Colloquium Study)
 9 McMaster (Social Science Experimental Year One Program)
 9 Prince Edward Island (Year One Interdisciplinary Program)
 9 St. Francis Xavier (directed studies)
 6 Simon Fraser (General Studies)
 6 Sir George Williams (Undergraduate Scholars Program)
 6 Toronto (New Program, Independent Studies)
 6 Waterloo (Integrated Studies)
 6 York (Individualized Studies)

Footnotes

1. Assumption University is federated with the University of Windsor. It grants degrees in theology but holds in abeyance its power to grant degrees in arts and science. Graduates of its programs in arts and science receive the degree of the University of Windsor.
2. Bathurst, Saint-Joseph, and Saint-Louis-Maillet Colleges are affiliated with the University of Moncton, and hold in abeyance their right to confer degrees. Graduates receive the degree of the University of Moncton.
3. Brescia College is associated with The University of Western Ontario. It offers arts and social science programs in co-operation with the university. All Brescia graduates receive the BA degree of the university.
4. Huntington, Sudbury, and Thorneloe Universities are federated with Laurentian University of Sudbury and offer undergraduate programs in religious studies. They hold their right to confer degrees in abeyance.
5. Huron College is affiliated with The University of Western Ontario. The bachelor of arts degree awarded to students of the college is that of The University of Western Ontario. Huron grants its own degrees in theology.
6. Jean-de-Brébeuf College is affiliated with the University of Montreal. It offers instruction in arts subjects and its students receive the degree of the University of Montreal.
7. The University of King's College is associated with Dalhousie University. It holds in abeyance its right to confer degrees in arts and science; these programs are offered through Dalhousie and graduates receive the degree of Dalhousie. King's confers its own degrees in divinity.
8. King's College is affiliated with The University of Western Ontario. All of its graduates receive the degree of the university.
9. Loyola College is affiliated with the University of Montreal. All of its students receive the degree of the university.
10. Marianopolis College is affiliated with the University of Montreal. Its students receive the degree of the University of Montreal.
11. The Ontario Institute for Studies in Education is affiliated with the University of Toronto. Degrees in OISE's specialization, education, are conferred on graduates of OISE programs by the University of Toronto.
12. The University of St. Jerome's College is federated with the University of Waterloo. Graduates of its program in arts, mathematics, and environmental studies receive the degree of the University of Waterloo. St. Jerome's confers its own degrees in theology.

Renvois

1. L'Université Assumption est fédérée à l'Université de Windsor. Elle confère des grades en théologie, mais n'exerce pas son pouvoir de conférer des grades dans les arts et les sciences. Les diplômés de ses programmes d'études en arts et en sciences reçoivent le grade de l'Université de Windsor.
2. Le Collège de Bathurst ainsi que les Collèges Saint-Joseph et Saint-Louis-Maillet sont affiliés à l'Université de Moncton et n'exercent pas leur droit de conférer des grades. Les diplômés reçoivent leur grade de l'Université de Moncton.
3. Le Collège Brescia est associé à l'Université Western Ontario. Il offre des programmes d'études dans les arts et en sciences sociales, en collaboration avec l'université. Tous les diplômés du Collège Brescia reçoivent le baccalauréat ès arts de l'Université Western Ontario.
4. L'Université Huntington, l'Université de Sudbury et l'Université Thorneloe sont fédérées à l'Université Laurentienne de Sudbury et offrent des programmes d'études du niveau pré-grade en sciences religieuses. Elles n'exercent pas leur droit de conférer des grades; leurs diplômés reçoivent leurs grades de l'Université Laurentienne.
5. Le Collège Huron est affilié à l'Université Western Ontario. Le baccalauréat ès arts conféré aux étudiants du collège est celui de l'Université Western Ontario. Le Collège Huron accorde ses propres grades en théologie.
6. Le Collège Jean-de-Brébeuf est affilié à l'Université de Montréal. Il dispense des cours dans les arts et ses étudiants reçoivent le diplôme conféré par l'Université de Montréal.
7. L'Université du Collège King's est associée à l'Université de Dalhousie. Elle n'exerce pas son droit de conférer des grades dans les arts et les sciences; les diplômés reçoivent leurs grades de l'Université de Dalhousie. L'Université du Collège King's confère ses propres grades en sciences religieuses.
8. Le Collège King's est affilié à l'Université Western Ontario. Tous ses diplômés reçoivent leurs grades de l'Université Western Ontario.
9. Le Collège Loyola est affilié à l'Université de Montréal. Tous ses étudiants reçoivent leurs grades de cette université.
10. Le Collège Marianopolis est affilié à l'Université de Montréal. Tous ses étudiants reçoivent leurs grades de l'Université de Montréal.
11. L'Ontario Institute for Studies in Education est affilié à l'Université de Toronto. Les diplômés d'études spécialisées en éducation de l'OISE sont accordés par l'Université de Toronto.
12. L'Université du Collège St. Jerome's est fédérée à l'Université de Waterloo. Les diplômés de ses programmes d'études dans les arts, les mathématiques et les études de l'environnement reçoivent leurs diplômes de l'Université de Waterloo. L'Université du Collège St. Jerome's confère ses propres grades en théologie.

13. St. John's College is affiliated with The University of Manitoba. It confers its own degrees in theology, but its students in arts and science receive the degree of the university.

14. St. Michael's College is federated with the University of Toronto. It grants degrees in mediaeval studies, through the Pontifical Institute of Mediaeval Studies, and theology, but holds in abeyance its right to grant degrees in arts and science. Graduates of its programs in arts, science, and commerce receive the degree of the University of Toronto.

15. Saint Paul University is federated with the University of Ottawa. It grants degrees in theology, philosophy, and canon law; its students also receive the degrees of the University of Ottawa.

16. St. Paul's College is affiliated with The University of Manitoba. Its students in arts and science programs receive the degree of the university.

17. St. Thomas University is federated with the University of New Brunswick. It grants bachelor degrees in arts and education but holds in abeyance its powers to grant degrees in other fields.

18. St. Thomas More College is affiliated with the University of Saskatchewan, Saskatoon Campus. Its students receive the degree of the university.

19. The University of Trinity College and Victoria University are federated with the University of Toronto. Both grant degrees in theology but hold in abeyance their right to confer degrees in arts and science. Their programs in arts and science are offered in conjunction with the University of Toronto and graduates receive the University of Toronto degree.

13. Le Collège St. John's est affilié à l'Université du Manitoba. Il confère ses propres grades en théologie, mais ses étudiants dans les arts et les sciences reçoivent les diplômes de l'université.

14. L'Université du Collège St. Michael's est fédérée à l'Université de Toronto. Elle confère des grades dans les études médiévales par l'intermédiaire du Pontifical Institute of Mediaeval Studies et en théologie, mais n'exerce pas son droit de conférer des grades dans les arts et les sciences. Les diplômés de ses programmes d'études dans les arts, les sciences et le commerce reçoivent leurs grades de l'Université de Toronto.

15. L'Université Saint-Paul est fédérée à l'Université d'Ottawa. Elle confère des grades en théologie, en philosophie et en droit canonique; ses étudiants reçoivent aussi des grades de l'Université d'Ottawa.

16. Le Collège St. Paul's est affilié à l'Université du Manitoba. Ses étudiants dans les arts et les sciences reçoivent leurs grades de cette université.

17. L'Université St Thomas est fédérée à l'Université du Nouveau-Brunswick. Elle décerne les baccalauréats ès arts et en pédagogie, mais n'exerce pas son pouvoir de conférer des grades dans d'autres domaines.

18. Le Collège St. Thomas More est affilié à l'Université de la Saskatchewan, campus Saskatoon. Ses étudiants reçoivent leurs grades de cette université.

19. L'Université du Collège Trinity et l'Université Victoria sont fédérées à l'Université de Toronto. Elles confèrent toutes les deux des grades en théologie, mais n'exercent pas leur droit de conférer des grades dans les arts et les sciences. Leurs programmes d'études dans les arts et les sciences sont offerts conjointement avec l'Université de Toronto et leurs diplômés reçoivent leurs grades de l'Université de Toronto.

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