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Institutions  
of  
Higher Education  
in  
Canada

1950







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OF HIGHER EDUCATION  
IN CANADA  
1950

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## PREFACE

In 1944 the Department of Trade and Commerce published an illustrated handbook, prepared in the Dominion Bureau of Statistics, entitled "Educational Institutions in Canada". The purpose of the publication was to enable Canadian representatives abroad to provide information to parents or others interested in sending children to Canada for part of their education.

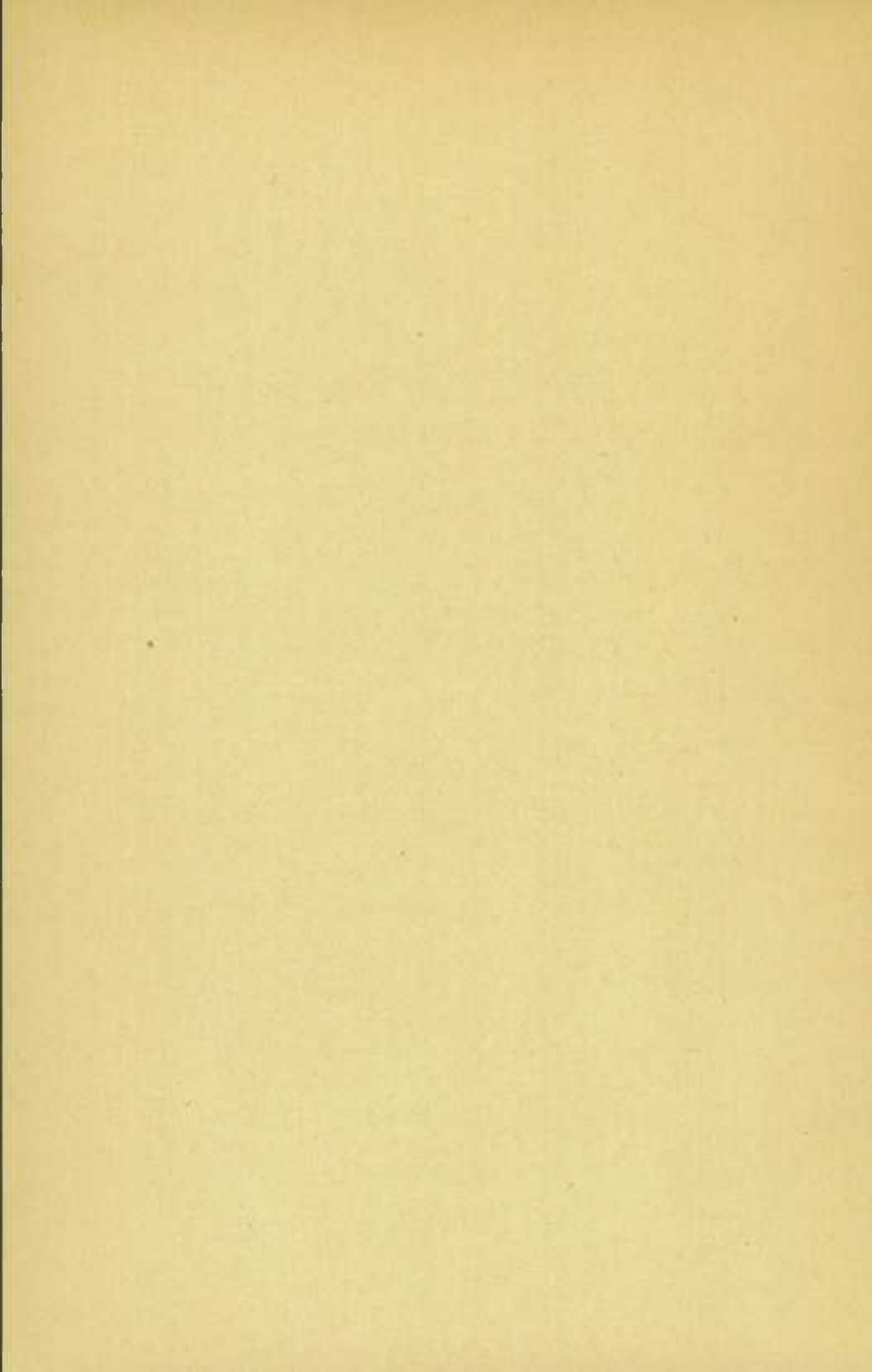
When the handbook went out of print a reprint of part of it was issued under the title "Institutions of Higher Education in Canada", and distributed abroad by the Canadian Information Service. This too has been out of print for some time.

Meanwhile a demand has grown for such a publication for use in Canada. The Canadian Education Association at its annual meeting in 1950 asked its Executive to "consult the Education Division of the Bureau of Statistics with a view to their preparing a directory of professional and specialized training offered in Canadian universities and publicly operated institutions".

The present booklet is an attempt to meet the need, in part at least, both at home and abroad, although its coverage and detail may be short of the ideal.

H. MARSHALL,  
*Dominion Statistician.*

Dominion Bureau of Statistics,  
June 1951.





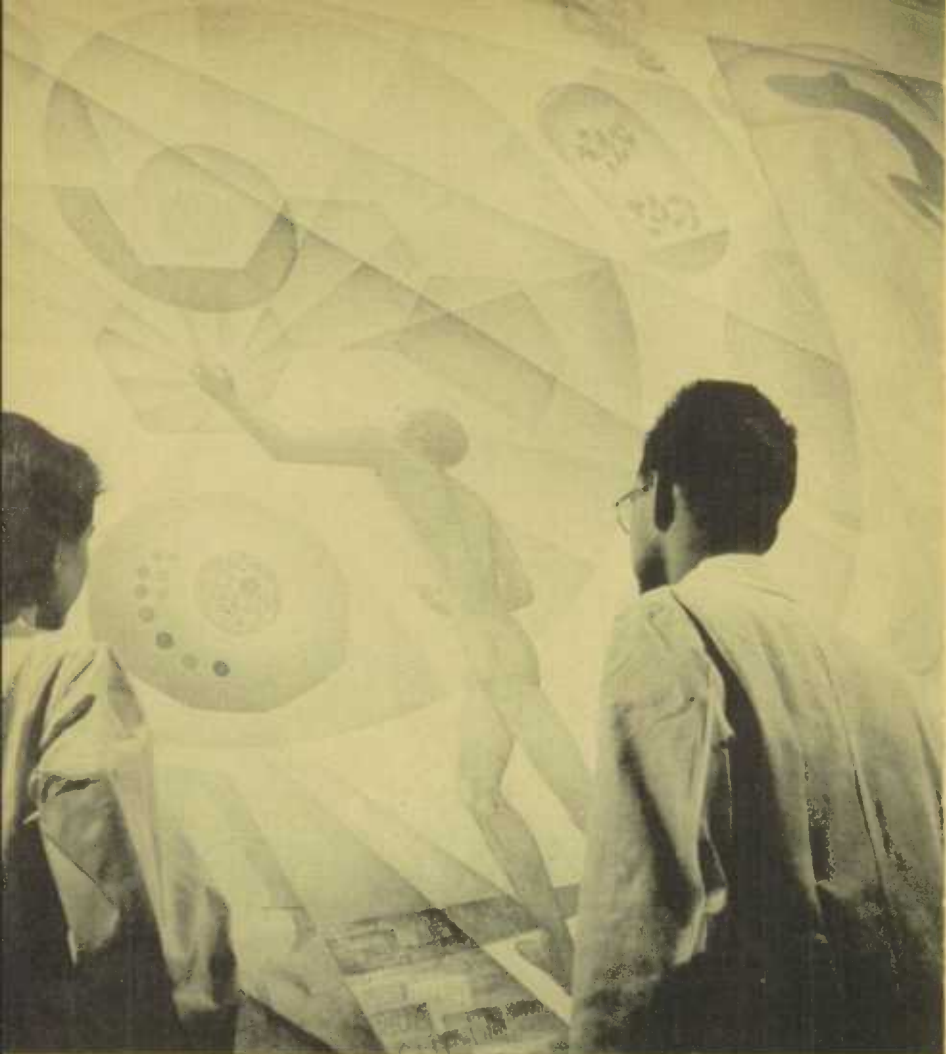
# CONTENTS

## COURSES OF STUDY IN INSTITUTIONS OF HIGHER EDUCATION

	Page
A. LIBERAL ARTS FACULTIES AND COLLEGES .....	7
Baccalaureate Course, English-Language .....	7
Post-Graduate Studies, English-Language .....	9
Baccalaureate Course, French-Language .....	10
Post-Graduate Studies, French-Language .....	10
B. PROFESSIONAL FACULTIES AND SCHOOLS .....	11
Agriculture .....	11
Architecture .....	11
Commerce .....	12
Dentistry .....	12
Engineering and Applied Science .....	14
Fisheries .....	15
Forestry .....	15
Fine Art .....	15
Home Economics or Household Science .....	16
Journalism .....	17
Laboratory Technique.....	17
Law .....	17
Library Science .....	18
Medicine .....	18
Music .....	20
Nursing.....	21
Optometry .....	21
Pedagogy or Education.....	22
Pharmacy .....	22
Physical Education .....	23
Social Work.....	23
Theology .....	24
Veterinary Science .....	24

## DIRECTORY OF INSTITUTIONS

A. UNIVERSITIES WITHOUT PREPARATORY SCHOOLS	29
B. UNIVERSITIES AND COLLEGES WITH PREPARATORY SCHOOLS .....	35
C. TECHNICAL AND PROFESSIONAL SCHOOLS NOT A PART OF UNIVERSITY SYSTEMS .....	42



Man's search for knowledge – Symbolized in a mural at McGill University.

## COURSES OF STUDY IN INSTITUTIONS OF HIGHER EDUCATION

### A. LIBERAL ARTS FACULTIES AND COLLEGES

#### Baccalaureate Course, English-Language

In the English-language universities and colleges, a student entering the Faculty of Arts with senior matriculation from a high school (i.e., with 12 or 13 years of schooling completed) may normally obtain the Pass degree of Bachelor of Arts in three years, the Honours B. A. in four years. Entering with junior matriculation (which is not possible in Alberta, Saskatchewan and Toronto Universities) one year more is required. The Honours degree is usually taken by students who plan to do post-graduate work.

In the first year (or two years, on entering with junior matriculation) some subjects, among the five studied each year, are common to all students, notably English and a second language. But in the two last years (three years for the Honours degree) there is almost complete freedom in the selection of subjects — with due regard, of course, to pre-requisites and Faculty regulations which insure a measure of continuity in the subjects taken. About two-fifths of those enrolled in all undergraduate years are women.

Pure Science (as distinguished from Applied Science in the Faculty of Engineering) occupies a very important place in the Faculty of Arts, especially in the larger universities. In the younger universities the name "Faculty of Arts and Science" is used, rather than Faculty of Arts. Some of the largest Departments in Arts (or Arts and Science) Faculties are Chemistry, Physics, Biology and Geology. To students who specialize in such subjects the newer universities award the degree of B. Sc., but in the older institutions the B. A. degree is given for the same studies.

It is approximately correct to say that in all of the Arts Colleges and Faculties some instruction is given in all of the following subjects:

English	History	Chemistry
French	Philosophy	Physics
German	Mathematics	Biology
Latin and Greek	Economics	Geology

In the smallest institutions there may be no more than one year's work offered in some of the natural science subjects, and perhaps no senior work in any of them. In such cases English, French, Latin, History, Mathematics and Philosophy tend to constitute the main fare. The larger universities offer opportunity for specialization in the sciences listed as well as in the other subjects.

After French and German the modern language most frequently taught is Spanish. Among the ten largest Faculties of Arts, those at Toronto, McGill, Queen's, Western Ontario, Dalhousie, Alberta and British Columbia Universities offer courses in Spanish. The chief centre of Italian studies is the University of Toronto, though some instruction is also given at Western Ontario and Queen's. A few other languages are offered at single centres, Norwegian at the University of Saskatchewan, Icelandic at the University of Manitoba, and Portuguese at the University of Toronto. The University of British Columbia conducts a department of Slavonic Studies including basic Russian and Polish languages. Russian courses, elementary, are given at the University of Toronto, Queen's University, Western Ontario, Carleton College and University of Saskatchewan.

The classical language most frequently available, apart from Latin and Greek, is Hebrew in which instruction is given in most of the larger Faculties of Arts by the staffs of affiliated theological colleges. At the University of Toronto there is a Department of Oriental Languages which includes Arabic, Syriac and Assyrian, as well as Greek and Hebrew. Courses in the Archaeology and History of the Near East, as well as Literature, have at their disposal the facilities of the Royal Ontario Museum of Archaeology, the largest in Canada and one of the most outstanding collections on the Continent. There is also a Department of Chinese Studies in the University of Toronto which draws on the museum's resources, but the Chinese language is not taught. The work of the Department of Anthropology at Toronto, the only one in Canada, is also closely related to the Museum.

Geography is organized as a separate Department at Toronto, McGill and the University of British Columbia. Sociology only at McGill, Political Science only at Dalhousie, but courses are offered in each by several of the other larger universities. Political Science and Sociology are usually allied with Economics, and Geography with Geology.

Actuarial Science and Astronomy have a place in the Departments of Mathematics, except at Toronto where they occupy separate Departments. Philosophy and Psychology are together in one Department, except at Toronto, Queen's and McGill.

Botany and Zoology are usually represented by two Departments and, in the larger institutions, separate Departments of Anatomy, Physiology and Biochemistry appear. Mineralogy tends, too, to separate from Geology.

English, French, Latin, History, Physics and Chemistry occupy full Departments everywhere, except that French may be the senior partner in a Department of Modern or Romance Languages, and Latin the senior in a Department of Latin and Greek.

### Post-Graduate Studies, English-Language

All Canadian universities require students to hold a Bachelor's degree before proceeding to a Master's degree. The minimum length of studies in residence for the M. A. degree is one year. Two years are usually required of candidates who hold only a Pass B. A.

About thirteen or fourteen of the universities normally have some students pursuing studies for the M. A. degree. Much the largest numbers are in the University of Toronto and McGill University. These two carry a considerable number of students through to the Ph. D. degree, which normally requires two years beyond the M. A. The post-graduate enrolment in Arts (and Science) at the regular session of the several universities in 1950 is shown in the tabulation below.

<i>University</i>	<i>Post-Graduate Enrolment</i>
Dalhousie University, Halifax, N. S. ....	81
Acadia University, Wolfville, N. S. ....	29
St. Francis Xavier University, Antigonish, N. S. ....	10
Mount Allison University, Sackville, N. B. ....	8
University of New Brunswick, Fredericton, N. B. ....	27
McGill University, Montreal, Que. ....	495
University of Toronto, Toronto, Ont. ....	1,305
Queen's University, Kingston, Ont. ....	129
University of Western Ontario, London, Ont. ....	41
McMaster University, Hamilton, Ont. ....	96
University of Manitoba, Winnipeg, Man. ....	50
University of Saskatchewan, Saskatoon, Sask. ....	104
University of Alberta, Edmonton, Alta. ....	146
University of British Columbia, Vancouver, B. C. ....	297

The special facilities for study and research at the different institutions would be difficult to summarize. At Toronto the Pontifical Institute of Mediaeval studies, associated with St. Michael's College, should perhaps be mentioned in particular as it is purely a post-graduate institution.



### Baccalaureate Course, French-Language

In the French-language system the student for a B. A. degree enters a classical college after about seven years in primary school, and follows the classical course for eight years. There is little or no choice of subjects at any level, and consequently specialization is postponed until after the baccalaureate is obtained. The several years of the course usually bear the following names (indicating emphasis on certain studies) rather than numbers: Latin Elements, Syntax, Method, Versification, Belles-lettres, Rhetoric, Philosophy (1 and 2). The sciences in particular occupy much less attention than in the Arts courses of the English-language universities.

Laval University and the University of Montreal each has more than a dozen affiliated classical colleges, mainly in the Province of Quebec, but some in other provinces as well. There are some similar colleges in the Eastern Provinces which are independent of the larger universities, having degree-granting powers of their own. The University of Ottawa, where the instruction is bilingual, has some affiliated colleges in Western Canada.

Most of the classical colleges are for male students only but there are a few institutions affiliated with each of Laval, Montreal and Ottawa Universities where women may pursue studies for the B. A. degree.

### Post-Graduate Studies, French-Language

At Laval University and the University of Montreal, post-graduate work in the liberal studies is given in faculties separate from the Faculty of Arts. Each has a Faculty of Philosophy, a Faculty of Letters, a Faculty of Science. Laval University has a Faculty of Social Sciences, and the University of Montreal has a School of Social, Economic and Political Science. The B. A. degree is required for admission (as it also is for admission to training for the liberal professions in the Faculties of Theology, Medicine and Law). The first degree in these post-graduate faculties is usually the Licence, rather than the M. A.

At the University of Ottawa, post-graduate studies do not extend to the natural sciences and, except for the Faculty of Philosophy and School of Political Science, are organized within the Arts Faculty.

## B. PROFESSIONAL FACULTIES AND SCHOOLS

**Agriculture**

Of the nine Colleges or Faculties of Agriculture listed below all but the Nova Scotia College of Agriculture (two years only) offer four years of study leading to the degree of Bachelor of Science in Agriculture from the universities with which they are affiliated (or of which they are a faculty). The language of instruction is French at L'Institut Agricole d'Oka and L'École Supérieure d'Agriculture. In addition to the four-year courses, all offer shorter, practical courses of one or two years, the enrolment in which is shown separately. There are usually a few women enrolled in the degree courses, except at the French-language colleges.

	Degree Course	Diploma <sup>1</sup> Course
Nova Scotia College of Agriculture, Truro, N. S. . . . .	64	34
Macdonald College, Sainte Anne de Bellevue, Que. . . . .	332	70
Ecole Supérieure d'Agriculture, Ste-Anne-de-la-Po- catière, Que. . . . .	34	50
Institut Agricole d'Oka, La Trappe, Qué. . . . .	121	53
Ontario Agricultural College, Guelph, Ont. . . . .	566	119
Faculty of Agriculture, University of Manitoba, Winnipeg, Man. . . . .	246	70
College of Agriculture, University of Saskatchewan, Saskatoon, Sask. . . . .	283	195
Faculty of Agriculture, University of Alberta, Edmonton, Alta. . . . .	265	—
Faculty of Agriculture, University of British Columbia, Vancouver, B. C. . . . .	364	16

Each of the colleges or faculties offers special facilities for research in some of the agricultural problems uppermost in its area, and at all, except the Nova Scotia College, advanced study and research may be undertaken leading to the degree of Master of Science in Agriculture.

**Architecture**

At four of the English-language universities four-year courses beyond senior matriculation are offered in the Faculty of Engineering and Applied Science leading to the degree of Bachelor of Science in Architecture. In the French-language educational system a five-year course in Architecture is offered in the provincial School of Fine Arts at Montreal, which is not affiliated with a university. There are occasionally a few women among those studying architecture in the universities.

1. Enrolment recorded in each faculty or school hereunder is that for the academic year 1948-49.

	<i>Enrolment</i>
McGill University, Montreal, Que. ....	114
École des Beaux-Arts, Montreal, Que. ....	30
University of Toronto, Toronto, Ont. ....	239
University of Manitoba, Winnipeg, Man. ....	215
University of British Columbia, Vancouver, B.C. ....	88

Closely related to the architecture course at the University of Manitoba is a five-year degree course offered in Interior Design.

### Commerce

The larger English-language universities offer in the Faculty of Arts (in some cases a "School" with a certain separate identity within the Faculty) specialized courses leading to the degree of Bachelor of Commerce. Emphasis is placed on Economics, Accounting, Statistics, Business Administration and related subjects. A large majority of the students are men, but there are some women in the Commerce courses at most institutions.

In the French-language system there is L'École des Hautes Études Commerciales at Montreal, affiliated with the University of Montreal, and L'École Supérieure de Commerce at Quebec within the Faculty of Social Sciences of Laval University. Degrees for work in these schools are granted by the universities.

### Dentistry

At five Canadian universities there are Faculties of Dentistry, four of which are at English-language institutions. Five years of instruction beyond senior matriculation lead to the degree of Doctor of Dental Surgery. A few women are enrolled.

	<i>Enrolment</i>
Dalhousie University, Halifax, N. S. ....	48
McGill University, Montreal, Que. ....	145
Université de Montréal, Montreal, Que. ....	224
University of Toronto, Toronto, Ont. ....	542
University of Alberta, Edmonton, Alta. ....	136

Some of the Faculties of Dentistry draw a considerable number of their students from the United States.

Post-graduate work in Dentistry may be pursued at the University of Toronto, leading to the degrees of M. Sc. and Ph. D.

There is also at the University of Toronto a one-year course in *Dental Nursing* for the purpose of qualifying young women as assistants to dental practitioners.





▲  
Cruising party of forestry students at University woodlot.



▶  
Engineering class testing efficiency of electrical machine in continuous current laboratory.



▶  
Students in animal husbandry receiving instruction in market appraisal.

## Engineering and Applied Science

At eight of the English-language universities there are Faculties of Engineering and Applied Science. They offer four-year courses, requiring senior matriculation for admission, or five-year courses with junior matriculation, leading to the Bachelor of Science degree in a specialized field. At the Nova Scotia Technical College only the two final years are offered, the more junior work being taken in affiliated Arts Colleges.

In the French-language, comparable courses are available at L'Ecole Polytechnique which is affiliated with the University of Montreal, and in certain schools of Laval University.

### Enrolment

Nova Scotia Technical College, Halifax, N. S. ....	424
University of New Brunswick, Fredericton, N. B. ....	315
McGill University, Montreal, Que. ....	1,400
Ecole Polytechnique, Montreal, Que. ....	457
Université Laval, Quebec, Que. ....	129
Queen's University, Kingston, Ont. ....	945
University of Toronto, Toronto, Ont. ....	2,909
University of Manitoba, Winnipeg, Man. ....	605
University of Saskatchewan, Saskatoon, Sask. ....	650
University of Alberta, Edmonton, Alta. ....	764
University of British Columbia, Vancouver, B. C. ....	1,303

At all the English-language institutions here listed degrees are offered in *Civil Engineering and Electrical Engineering*; in *Mechanical Engineering* except at Alberta; in *Chemical Engineering* except at New Brunswick and Manitoba; in *Mining Engineering* except at New Brunswick, Manitoba and Saskatchewan.

*Geological Engineering* is offered at British Columbia, Saskatchewan, Manitoba and Toronto; *Metallurgical Engineering* at McGill, Queen's, Toronto and British Columbia; *Engineering Physics* at Toronto, Queen's, Saskatchewan, Alberta and British Columbia; *Ceramic Engineering* at Toronto and the University of Saskatchewan; and *Agriculture Engineering* at the Universities of Manitoba, Saskatchewan and British Columbia.

At L'Ecole Polytechnique there are four fields of specialization in the final year: *Public Works and Buildings*; *Mechanics and Electricity*; *Mining and Metallurgy*; *Industrial Chemistry*. At Laval University there are Schools of Surveying, Chemistry, Mines and Electricity.

Interest in certain branches of study, e.g., Chemical or Metallurgical or Mining Engineering, varies considerably with the resources or industrial development of the province in which the university is located.

Post-graduate work for the Master's degree in some branches of Engineering or Applied Science is offered in most of the universities listed. At the University of Toronto there is a School of Engineering Research within the Faculty of Applied Science. A course in Aeronautical Engineering is included.

### Fisheries

Dalhousie University at Halifax, in co-operation with the Fisheries Research Board of Canada, offers a post-graduate course leading to the degree of Master of Science in Fisheries. Instruction is divided between the University, the Atlantic Fisheries Experimental Station and the Atlantic Biological Station.

Closely allied to the fisheries course at Dalhousie is a diploma course in Food Technology involving the processing and preservation of food. The course is open to students with the B. Sc. degree. It is one year in length.

Laval University in collaboration with the Government of the Province of Quebec conducts an *Ecole Supérieure des Pêcheries* at Ste-Anne-de-la-Pocatière, on the St. Lawrence River, where a four-year course is offered for the degree of Bachelor of Science in Fisheries.

### Forestry

In three of the English-language universities, and at Laval University, courses are offered leading to the Bachelor's degree in Forestry.

	<i>Enrolment</i>
University of New Brunswick, Fredericton, N. B. ....	343
Université Laval, Quebec, Que. ....	91
University of Toronto, Toronto, Ont. ....	249
University of British Columbia, Vancouver, B. C. ....	276

The locations of schools and the special emphases in the curricula of the several schools are related to the distribution of the country's forest resources.

### Fine Art

Fine Art appears as an elective subject in the curricula of the Faculties of Arts in a number of the English-language universities, where it may be taken as one subject among five for

a year or two. In some, e.g., Acadia University, there are a half dozen or more elective courses. In Mount Allison University, McGill University, the University of Toronto and in the University of Manitoba there are a sufficient number of courses to allow of taking the Bachelor's degree with specialization in Fine Art.

There are also Schools of Art, both English and French, not requiring any fixed academic standing for admission, which concern themselves more exclusively with the technical development of the artist. The most widely known of these are:

Nova Scotia College of Art, Halifax, N. S.  
Ecole des Beaux-Arts, Quebec, Que.  
Ecole des Beaux-Arts, Montreal, Que.  
Ontario College of Art, Toronto, Ont.  
School of Decorative and Applied Art, Vancouver, B. C.

Courses in these schools vary in length with the requirements of the individual student, but may extend over as many as four years.

### Home Economics or Household Science

The English-language universities offering courses in Agriculture also offer courses in Household Science or Home Economics for women. Each offers a four-year course leading to the Bachelor's degree, and most of them also offer a shorter practical course of one or two years. In the Maritime Provinces degree courses in Household Science are also offered at the following Arts Colleges:

Mount Saint Vincent College, Halifax, N.S.  
Acadia University, Wolfville, N.S.  
St. Francis Xavier University, Antigonish, N.S.  
Mount Allison University, Sackville, N.B.

In Ontario there is a Faculty of Household Science at the University of Toronto, as well as instruction at the Ontario Agricultural College, Guelph. The University of Western Ontario gives a diploma course of two or three years.

In the French-language system there are five regional schools, annexed to the University of Montreal, in which a Bachelor's degree may be taken. There is also L'Ecole Ménagère Provinciale, 461 Sherbrooke St., Montreal, Que., where a three-year



course is specially designed for the training of domestic-science teachers. Affiliated with Laval University is L'Ecole Supérieure de Sciences Domestiques, Saint-Pascal, Que., where a course for the Bachelor's degree is offered.

### Journalism

Courses in Journalism are given at five English-language institutions and one French-language university. Carleton College and the University of Western Ontario give four-year courses leading to the Baccalaureate in Journalism. In Halifax, King's College, St. Mary's College and Mount Saint Vincent College provide a diploma course integrated with the Arts Course. A course for French journalists is offered at L'Université de Montréal.

### Laboratory Technique

Degree and diploma courses are offered at four universities. The University of Western Ontario awards a degree B. SC. L. A. after four years of a combined course in Arts and Medicine. Queens University gives a diploma, after 12 months specialization to graduates in Biochemistry, Chemistry or Biology. The University of Saskatchewan awards a certificate in Laboratory Technique to graduates of Arts, Science or Pharmacy after one year's apprenticeship in a recognized hospital or other laboratory. A special course is given at the University of Alberta within the Bachelor of Science curricula for students desiring to train as laboratory technicians. The Faculty of Medicine of the Université de Montréal includes L'Ecole de Technologie Médicale for the training of scientific and medical technicians. The course covers four years. A degree baccalauréat ès sciences en technologie médicale is awarded.

### Law

Except in Ontario, there are Faculties of Law in the larger universities, both English-language and French, in the operation of which the provincial Law Societies co-operate with the universities. For the same course of studies students obtain from the Law Societies permission to practice the profession of Law, and from the universities the degree of Bachelor of Laws. In Ontario the provincial Law School, Osgoode Hall at Toronto, is operated by the Law Society alone. Enrolment in the Law Schools includes a few women.

	<i>Enrolment</i>
Dalhousie University, Halifax, N. S. ....	183
University of New Brunswick, Saint John, N. B. ....	54
Université Laval, Quebec, Que. ....	180
Université de Montréal, Montreal, Que. ....	233
McGill University, Montreal, Que. ....	179
Osgoode Hall Law School, Toronto, Ont. ....	705
University of Manitoba, Winnipeg, Man. ....	171
University of Saskatchewan, Saskatoon, Sask. ....	126
University of Alberta, Edmonton, Alta. ....	142
University of British Columbia, Vancouver, B. C. ....	447

There is a School of Law in the Faculty of Arts at the University of Toronto in which students may pursue studies for degrees in Law.

### Library Science

Full-time courses in schools accredited by the American Library Association are conducted by McGill University, Montreal, and by the Ontario College of Education, Toronto. The courses are of one year's duration and if students are graduates of a university at admission they may obtain the degree of Bachelor of Library Science.

In French-language institutions there are no full-time courses in Library Science.

### Medicine

There are Faculties of Medicine in seven English-language and two French-language universities. The courses require six years of study after senior matriculation the last year of which is spent as an interne in an approved hospital. A high proportion of students obtain the Baccalaureate in Arts before entering on the study of Medicine; in the French-language system it is required for admission. The Medical Faculties enroll several dozen women each year. Total enrolment is as follows:

	<i>Enrolment</i>
Dalhousie University, Halifax, N. S. ....	268
Université Laval, Quebec, Que. ....	601
Université de Montréal, Montreal, Que. ....	485
McGill University, Montreal, Que. ....	455
Université d'Ottawa, Ottawa, Ont. ....	265
Queen's University, Kingston, Ont. ....	336
University of Toronto, Toronto, Ont. ....	967
University of Western Ontario, London, Ont. ....	288
University of Manitoba, Winnipeg, Man. ....	358
University of Alberta, Edmonton, Alta. ....	200
University of British Columbia, Vancouver, B. C. ....	(1)

(1) Established in 1950.

Students at work in an  
anatomy laboratory.



Potential teachers of  
physical education  
go through their  
paces.



Students receiving in-  
struction in biology.



In addition to the above there is a School of Medical Science at the University of Saskatchewan at which the preclinical years of the medical course are taught.

Several of the Faculties of Medicine draw a substantial number of students from the United States.

There are special facilities for post-graduate study and research. Perhaps the best-known centres in this connection are the Banting Institute and Connaught Laboratories at the University of Toronto, and the Institute of Neurology and Neurosurgery at McGill University.

Post-graduate diploma courses in *Public Health*, of one year's duration, for graduates in Medicine, are available at the University of Toronto, McGill University, Queen's University, the University of Montreal and Laval University. A similar course in *Medical Radiology* is given at Queen's University and the University of Toronto, and one in *Psychiatry* at the University of Toronto and McGill University.

Courses in *Dentistry*, *Nursing*, *Optometry* and *Pharmacy* will be found listed under separate headings.

## Music

Degrees in Music are awarded by the following universities:

Dalhousie University, Halifax, N. S.  
Acadia University, Wolfville, N. S.  
Mount Saint Vincent College, Halifax, N. S.  
Mount Allison University, Sackville, N. B.  
Université Laval, Quebec, Que.  
Université de Montréal, Montreal, Que.  
McGill University, Montreal, Que.  
University of Toronto, Toronto, Ont.  
University of Saskatchewan, Saskatoon, Sask.

The chief centres of musical study in the country are naturally those of greatest population, Montreal and Toronto. Large Conservatories of Music are affiliated with the universities in these centres and a wide variety of tuition may be obtained in musical execution, as well as in the more theoretical and academic side in the university faculties.



### Nursing

The degree of Bachelor of Science in Nursing, awarded by several of the universities, presupposes matriculation, three years of training and experience in an approved hospital, and varying lengths of university attendance (two or three years) which is combined in a variety of ways with the time served in hospitals. Degrees of this nature are given by the three most westerly provincial universities (British Columbia, Alberta and Saskatchewan) and in eastern Canada by the University of Ottawa, Queen's University, University of Toronto, University of Western Ontario, McMaster University, McGill University, St. Francis Xavier University, Mount Saint Vincent College, St. Thomas College, Université du Sacré Coeur and Dalhousie University.

At McGill University, The University of Western Ontario, and the University of Toronto, there are Schools of Nursing with special one-year courses for graduate nurses, i.e., those who have completed their three-year period of training in hospitals and have passed the registered nurses' examinations. At all three centres these courses provide for specialization in *Public Health Nursing*, *Hospital Administration* or *Teaching in Schools of Nursing*. At Toronto it is also possible to specialize in *Clinical Supervision*. Similar courses are given in French at L'Institut Marguerite d'Youville at Montreal which is affiliated with the University of Montreal and at Laval University, Quebec.

At the University of Toronto, under the direction of the Department of Extension, and McGill School of Physiotherapy, there are two-year courses in *Occupational Therapy* and in *Physiotherapy*. Nurses' training is not a prerequisite for admission and the courses are taken by some men as well as women. Occupational Therapy is defined as the means by which active exercise, cultural interests, hobbies, crafts, arts and various industrial activities are applied to the treatment of illness. The work of a Physiotherapist consists in using, under the direction of a physician or surgeon, natural forces such as light, heat, electricity and water, with massage and muscle re-education, in the treatment of disease and injury.

### Optometry

A three-year course for Optometrists, and a two-year course for Opticians, is offered by the College of Optometry of Ontario, Toronto.

A three-year course in Optometry, in the French-language, is offered by L'École d'Optométrie de Montréal, an affiliated school of the University of Montreal.

### **Pedagogy or Education**

All of the larger universities operate colleges or departments for the training of teachers for the secondary schools. The professional training of elementary teachers except for Alberta Province is given mainly in the normal schools which are not usually affiliated with the universities. In addition to training given for secondary teachers' diplomas (for which a university degree is pre-requisite) the following English-language institutions have a considerable number of students for post-graduate degrees in Education or Pedagogy:

McGill University, Montreal, Que.  
Ontario College of Education, Toronto, Ont.  
University of Manitoba, Winnipeg, Man.  
University of Saskatchewan, Saskatoon, Sask.  
University of Alberta, Edmonton, Alta.  
University of British Columbia, Vancouver, B. C.

The largest centre of studies is the Ontario College of Education where the Doctor's degree may be obtained from the University of Toronto. Elsewhere studies are not pursued beyond the Master's degree.

At the University of Toronto the *Institute of Child Study*, concerned largely with children of pre-school age, is the centre of much research leading to graduate degrees.

The leading centre for the training of bilingual teachers in Canada (French and English) is the University of Ottawa Normal School at Ottawa.

French-language courses for degrees in Pedagogy are available at two instituts pédagogiques (one for men and one for women) affiliated with the University of Montreal and at l'Ecole de Pédagogie et Orientation, Université Laval.

### **Pharmacy**

Instruction in Pharmacy is given in six English-language and two French-language schools which are integral parts of, or affiliated with, Canadian universities. There are several women students in most of the schools.

	<i>Enrolment</i>
Maritime College of Pharmacy, Halifax, N. S. ....	55
Ecole de Pharmacie, Université Laval, Quebec, Que. ....	97
Ecole de Pharmacie, Université de Montréal, Montreal, Que. ....	368
Ontario College of Pharmacy, Toronto, Ont. ....	318
Pharmacy Department, University of Manitoba, Winnipeg, Man. ....	103
College of Pharmacy, University of Saskatchewan, Saskatoon, Sask. ....	187
School of Pharmacy, University of Alberta, Edmonton, Alta. ....	116
Pharmacy Department, University of British Columbia, Vancouver, B. C. ....	188

Two years of attendance after a period of apprenticeship is the usual minimum required to permit of the practice of pharmacy. A third year of studies is available in most of the schools and opportunities for further study in some.

### Physical Education

The University of Saskatchewan offers a one-year course restricted to women who intend to become teachers of physical education. At McGill University, the University of Toronto, University of Ottawa, Queen's University, and University of British Columbia the courses are longer and men as well as women are enrolled. At McGill there is a three-year course for those entering with senior matriculation (or four years with junior matriculation) that leads to a degree of Bachelor of Science in Physical Education. At Toronto there is a three-year course, open to persons with senior matriculation, leading to the degree of Bachelor of Physical and Health Education. A course at camp is conducted during the summer. The remaining three universities give special courses within the faculty of Arts that lead to the degree Bachelor of Physical Education.

### Social Work

There are six English-language Schools of Social Work, four of which, at Montreal, Toronto, Winnipeg and Vancouver, are an integral part of the universities where they are located (McGill University, University of Toronto, University of Manitoba and University of British Columbia). The Maritime School of Social Work at Halifax enjoys the collaboration of Dalhousie and other universities. The most recently established School is that of Saint Patrick's College, Ottawa. The Majority of the students are uni-

versity graduates. The courses are open to men or women and normally require two years. The award may be Master of Social Work or a post-graduate diploma in Social Work. The School of Social Work at Toronto provides advanced courses leading to the Doctorate in Social Work.

French-language courses have been organized by the University of Montreal and Laval University in Ecoles des Services Social.

### **Theology**

There are some thirty centres of theological study in Canada operated by the Roman Catholic Church, eleven by the Anglican Church, nine by the United Church of Canada, and two by each of the Baptist, Presbyterian and Lutheran Churches. The location of these may be ascertained in the main by reference to the Directory of Universities and Arts Colleges, where church affiliation is shown.

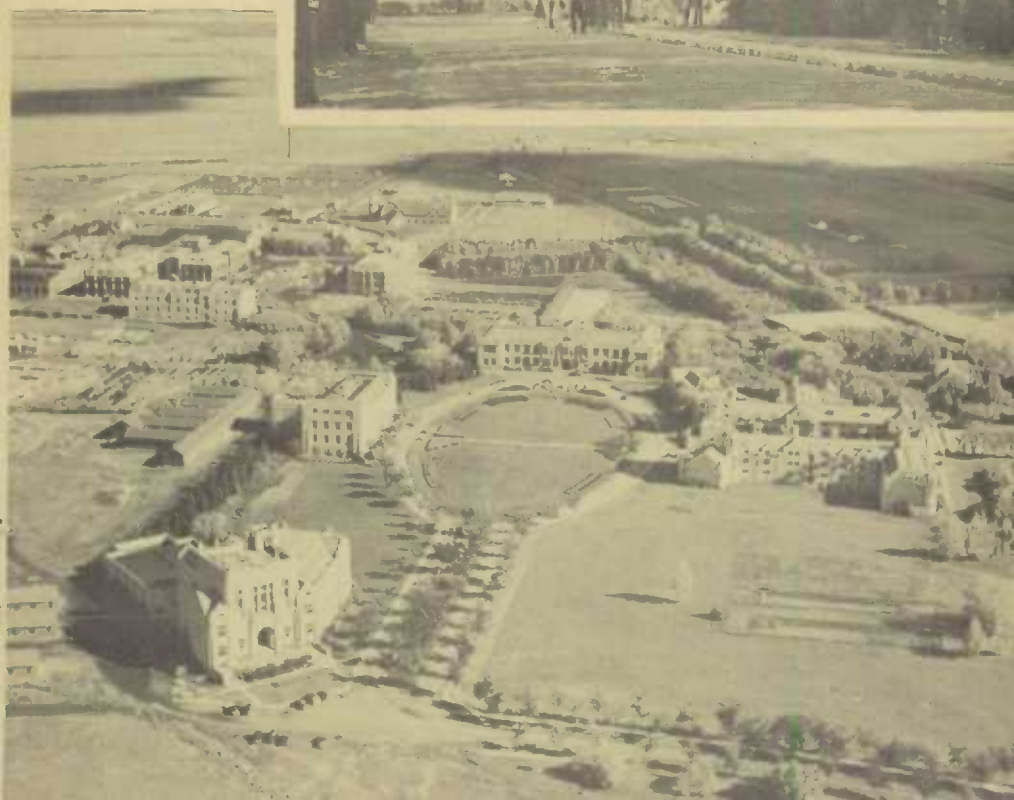
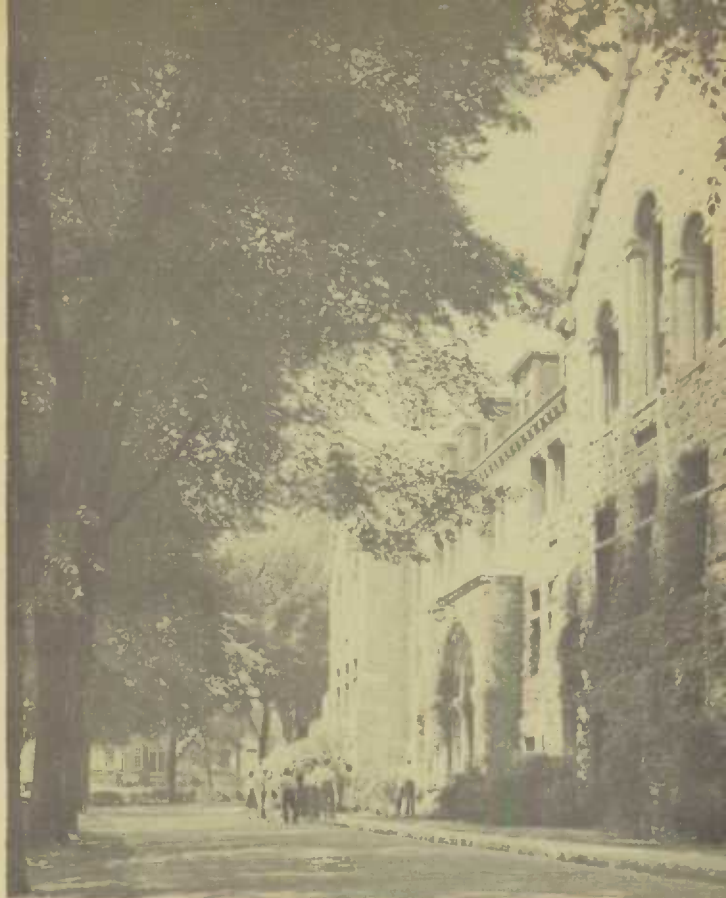
### **Veterinary Science**

The Ontario Veterinary College at Guelph, an affiliated college of the University of Toronto, offers a five-year course for the Degree of Bachelor of Veterinary Science, and opportunities for post-graduate study and research leading to the Master's and Doctor's degrees. About 250 students are enrolled from all provinces of Canada, and from other countries.

L'Ecole de Médecine Vétérinaire at St-Hyacinthe, Que., is affiliated with the University of Montreal. It is attended by about fifty French-language students.



Canadian University  
buildings — as the  
following selection  
shows — are of  
varied architectur-  
al design though  
many of them are  
of fairly recent  
construction.













## DIRECTORY OF INSTITUTIONS

### A. UNIVERSITIES WITHOUT PREPARATORY SCHOOLS

Note. The headings in Section A are limited to institutions exercising degree-conferring powers. Their affiliated institutions are mentioned under these main headings in order to indicate something of the composition of each university system. In a few cases the affiliated Arts colleges operate preparatory or high school departments — notably the colleges of the University of Western Ontario and the University of Manitoba, but these departments do not constitute a part of the affiliation.

**Dalhousie University** (with which is associated the University of King's College),  
**Halifax, N. S.**

Dalhousie is an endowed, undenominational, co-educational university; (the University of King's College, teaching Arts and Theology, is Anglican in control). Degree courses in Arts, Science, Commerce, Music, Medicine, Nursing Science, Dentistry, Law, Pharmacy and Fisheries, and the pre-specialized years of Engineering. Residence accommodation for men and women \$400-\$450 per academic year. A year's tuition in Arts costs about \$150, Science \$175-\$250, Commerce \$200. In Medicine, Dentistry, and Law tuition is \$325, \$315 and \$250 respectively for students in professional and pre-professional courses. Small fees for registration, student activities, graduation, etc., are additional. Total full-time enrolment at Dalhousie University in 1950 was 1,330 men, 294 women.

**University of New Brunswick**  
**Fredericton, N. B.**

Undenominational, co-educational, a provincial university. Degree courses offered in Arts, Science, Applied Science and Engineering including Forestry, and Law (at Saint John, N. B.). Limited residence accommodation for men students. Board and lodging in private homes \$10-\$12 per week. Tuition fee for Arts courses \$150 per year, Science \$150, Engineering and Forestry \$200. Laboratory and student activity fees are additional. Total full-time enrolment in 1950 was 1,004 men, 88 women.

**McGill University**  
**Montreal, Que.**

Endowed, undenominational, co-educational. Degree courses in Arts, Fine Arts, Science, Commerce, Engineering, Architecture, Medicine, Nursing, Dentistry, Law, Music, Library Science, Physical Education, Agriculture, Social Work and Household Science, Diploma courses in Nursing, Medicine and Physiotherapy. Includes a Faculty of Post-Graduate Studies and Research and a Faculty of Divinity. The Faculties of Agriculture and Household Science, and the School for Teachers are at *Macdonald College* some twenty miles west of Montreal. The Protestant theological colleges of Montreal are affiliated. Year's residence fees for men at Montreal \$600-\$700, women \$610-\$635. An inclusive fee covers registration, tuition, use of laboratories and libraries, health services, sports, graduation, etc., in most Faculties: Arts \$250 yearly; Commerce, \$275; Science \$300; Law \$250; Engineering and Architecture \$326; Medicine \$450; Dentistry \$350; Library School \$285; Nursing courses \$210-\$250; Education \$250; Physiotherapy \$275; Agriculture \$125; Household Science \$150; Residence fees at *Macdonald College* are about \$40 per month. The complete full-time enrolment in the University in 1950 was 5,463 men and 1,895 women.

**Carleton College,**  
**Ottawa, Ont.**

Privately endowed college, undenominational co-educational. Day and night courses. Degrees awarded in Arts, Science, Commerce, Public Administration and Journalism. Diploma courses in Engineering and Public Service Studies. Tuition fees except for Engineering \$40 per subject (about \$200 per year); Engineering \$275 per year. Full-time enrolment in 1950 was 380 men and 126 women. There is a considerably higher enrolment in the night courses.

**Queen's University,**  
**Kingston, Ont.**

Undenominational, co-educational, partially endowed, also receiving grants. Degree courses in Arts, Science, Commerce, Engineering, Medicine, Nursing Science and Physical Education. Diploma courses in Public Health, Laboratory Technique, Radiology and Nursing. United Church theological college affiliated. Residential accommodation for women students, \$260-\$275 per

year. Board and room in private homes for men \$12-\$15 weekly. Annual fee for tuition, registration, library and laboratory in Arts \$237; Commerce \$237-\$258; Applied Science and Engineering \$345-\$375; Medicine \$350-\$370. Full-time enrolment in 1950 was 2,112 men, 512 women.

**McMaster University,  
Hamilton, Ont.**

Endowed, co-educational, controlled by Baptist Church. Degree courses in Arts, Science, Nursing Science and Theology. Residence accommodation for men and women, \$455-\$471 and up yearly. Sessional fees \$234-\$269, other fees amounting to about \$30-\$35. Full-time enrolment in 1950 was 750 men, 341 women.

**University of Western Ontario,  
London, Ont.**

Udenominational, co-educational, supported mainly by provincial and city grants. Degree courses in Arts, Business Administration, Journalism, Science, Nursing Science and Medicine. Special diploma courses in Public Health, Public Administration, Specialized Nursing, Music, Paedagogy and Home Economics. The following Arts Colleges are affiliated: Assumption College, Windsor; Ursuline College, London; St. Peter's Seminary College, London; Waterloo College, Waterloo; Alma College, St. Thomas. Accommodation at the affiliated colleges but not at the university itself. Board and room in private homes costs \$10-\$15 weekly. Annual fee in Arts is \$245-\$300, Medicine \$465. Full-time enrolment in 1950 was 2,521 men and 821 women.

**University of Toronto (with which are federated Victoria University, Trinity College, and St. Michael's College),  
Toronto, Ont.**

Udenominational, co-educational, the provincial university of Ontario. University College is the udenominational Arts College, and with the University are federated three denominational Arts colleges — Victoria (United Church), Trinity (Anglican Church), and St. Michael's (Roman Catholic). Its other affiliates, besides theological colleges, are the Ontario College of Pharmacy at Toronto, the Ontario College of Agriculture and the Ontario Veterinary College both at Guelph. Degree or diploma courses in Arts, Science, Applied Science and Engineering, Aeronautics,

Forestry, Architecture, Household Science, Agriculture, Veterinary Science, Medicine, Dentistry, Pharmacy, Law, Music, Library Science and Pedagogy (Ontario College of Education), Physical Education, Social Work, Nursing, Hygiene, Occupational Therapy, Physiotherapy. The School of Graduate Studies is the largest in Canada. Residence accommodation at the federated Arts colleges for men and women varies from \$400-\$650 per year. The academic fee including tuition, registration, use of library and laboratory, in Arts is about \$180; Commerce \$233; Applied Science \$300; Medicine \$200-\$400; Dentistry \$240-\$325; Forestry \$225; Household Science \$180; Librarianship \$150, Physical Education \$220, Social Work \$180, Occupational Therapy, Physiotherapy \$210, Nurses' courses \$155-\$220. Pharmacy \$250. Incidental fees including athletics, health, upkeep of Hart House (for men) are additional. At the Ontario College of Agriculture tuition for British subjects is \$100, foreign \$200; smaller fees total about \$55; residence \$250-\$270. Fees at the Veterinary College are similar. The total full-time enrolment at Toronto in 1950 including the federated colleges, was 10,440 men, 3,574 women.

#### **University of Manitoba, Winnipeg, Man.**

Undenominational, co-educational, a provincial university. In addition to the Arts work in the university itself, the Arts course is taught in five affiliated colleges; *United College* (United Church), *St. John's College* (Anglican), *Collège St. Boniface* (Roman Catholic) French-language), *St. Paul's College* (Roman Catholic), *Brandon College* (Baptist). Degree courses in the university also in Commerce, Science, Education, Engineering, Architecture, Law, Medicine, Agriculture, Household Science, Pharmacy, Social Work, and Interior Design. Residential Accommodation for men and women in the university and affiliated colleges, around \$8 weekly. Tuition fees in Arts, \$152-\$185, Science \$162-\$205, Commerce \$195-\$205 per year. Agriculture and Home Economics \$152-\$185; Engineering and Architecture \$267-\$277; Law \$177-\$187; Medicine \$402-\$407. Other fees about \$40-\$45 except in Medicine where they are somewhat higher. The total full-time enrolment in 1950, including the affiliated Arts Colleges was 3,502 men, and 1,251 women.

#### **University of Saskatchewan Saskatoon, Sask.**

Undenominational, co-educational, a provincial university, Operates a junior Arts college at Regina, *Regina College*, and



Glamour on the foot-  
ball field. ►



Enthusiastic assist-  
ance for the editor  
of the "daily". ►



▲ A high moment in  
an intercollegiate  
senior game.

▼ "The play's the  
thing ....."



has several affiliated junior Arts colleges at different locations in the province offering two of the four years of the Arts course. *St. Thomas More College* is an affiliated Roman Catholic Arts college on the university campus, and three theological colleges at Saskatoon also are affiliated. Degree courses in Arts, Science, Accounting, Education, Agriculture, Household Science, Engineering and Applied Science, Music, Law, Pharmacy, Physical Education, Nursing. Pre-clinical years of Medicine. Limited residence accommodation for men and women \$45-\$59 monthly. Tuition fees in most faculties \$175 yearly, in Accounting \$200, Engineering \$250, Pharmacy \$225 in Law \$200, in pre-clinical Medicine \$350, incidental fees total about \$30. The full-time enrolment in 1950 all faculties, was 2,634 men, 606 women.

**University of Alberta,  
Edmonton, Alta.**

Udenominational, co-educational, a provincial university. Affiliated with the university are *St. Joseph's College* (Roman Catholic) on the campus, and *Mount Royal College*, a junior college of the United Church at Calgary. Degree courses in Arts, Science, Commerce, Agriculture, Home Economics, Applied Science and Engineering, Medicine, Dentistry, Nursing, Pharmacy, Law and Education. There is a school of Graduate studies. Residence accommodation, \$400-\$450 per year. Tuition in Arts, \$130, Science and Nursing \$150, Commerce \$150-\$165, Home Economics \$150, Agriculture \$135-\$150, Applied Science \$200, Medicine \$400, Dentistry \$265-\$300, Pharmacy \$170-\$185, Law \$130-\$175, Incidental fees amount to about \$38 more. The full-time enrolment in 1950, all faculties, was 2,867 men 1,219 women.

**University of British Columbia,  
Vancouver, B. C.**

Udenominational, co-educational, a provincial university. Affiliated with it are *Victoria College*, a junior Arts college at Victoria, and two theological colleges at Vancouver. Degree or diploma courses in Arts, Science, Commerce, Engineering and Applied Science, Architecture, Forestry, Nursing, Physical Education, Social Work, Education, Law, Agriculture, Home Economics, Pharmacy and Medicine, Limited residence accommodation on campus, rates about \$50 per month; board and room in private homes costs from \$45 to \$55 monthly. Annual fees range from \$208 (Arts and Science, Agriculture, Home Economics, Physical Education, Social Work) to \$258 for Applied Science, Forestry,

Architecture, Pharmacy, and Law. Fees for Medicine are \$443 per annum. The full-time enrolment for 1950 was 5,913 men and 1,627 women.

## B. UNIVERSITIES AND COLLEGES WITH PREPARATORY SCHOOLS

Note. The institutional headings in Section B, as in Section A, are arranged to indicate something of the structure of the university systems. There are separate headings only for institutions with degree-conferring powers, except in the case of three colleges — Loyola, St. Patrick's and St. Boniface — where the language of instruction differs from the language in general use in universities of which these colleges form a part. Separate entries in these cases seemed advisable to avoid confusion.

### **Acadia University, Wolfville, N.S.**

A co-educational institution of the Baptist Church. Degree courses in Arts, Science, Household Science, Music, Industrial Arts, Education, and Theology. Diploma course in Secretarial Science and junior years of Engineering. Inclusive annual fee covering registration, tuition, board and room, sports, entertainment and medical attention, \$550-\$650. Student activity fee \$15 extra. Full-time enrolment of university grade, 511 men, 294 women. Preparatory department, covering three or four years, known as Horton Academy, requires completion of elementary school for admission. Annual fee of \$500-\$550 covers room, board, tuition, medical services, and student's activities.

### **Mount Saint Vincent College, Halifax, N.S.**

A women's college conducted by the Roman Catholic Sisters of Charity. Degree-courses in Arts, including Journalism, Secretarial Science, Home Economics, Nursing, Music, Library Science. Annual fee for residence, board, laundry, tuition, library and gymnasium \$450. Private rooms \$30-\$60 and laboratory extra. Full-time enrolment 160. Preparatory department known as *Mount St. Vincent Academy*, in which pupils are admitted from the age of six years. Annual fee for board, lodging and tuition \$400.

**St. Francis Xavier University,  
Antigonish, N. S.**

A Roman Catholic institution for men and women widely known for its extension work in economic co-operation. The women's section is *Mount Saint Bernard College*. Degree courses in Arts, Science, Commerce, Education, Household Science, Nursing. Junior years of Engineering course. Annual fee for room, board, laundry, tuition, ordinary medical attention, etc., \$450-\$525. Laboratory extra. Year's enrolment, 779 men, 126 women. A one-year preparatory class for young men above usual matriculation age. Preparatory courses for girls, age about 15 years or over, in *Mount Saint Bernard Academy*, Annual inclusive fee \$385-\$400.

**St. Mary's College,  
Halifax, N.S.**

A Roman Catholic men's college conducted by the Jesuit Fathers. Degree courses in Arts including Journalism, Science and Commerce. Junior years of Engineering course. Residence, board, tuition and main incidental fees \$420-\$480. Laundry, medical attention, laboratory extra. Enrolls 160 students in college course, and somewhat larger number in the high school or preparatory department.

**Collège Ste. Anne,  
Church Point, N. S.**

A dual-language (French and English) classical college conducted by the Eudist Fathers. Course extends over eight years, high school and college levels, leading to B. A. degree. Annual board, tuition and laundry \$325. Enrolment, college and preparatory, 175.

**St. Dunstan's University,  
Charlottetown, P.E.I.**

A Roman Catholic institution for boys and young men offering an eight-year classical course leading to degrees in Arts, Science and Commerce. Has degree-granting powers and is affiliated with *Laval University* at Quebec. Degrees in certain courses of Philosophy are conferred by Laval. Annual fee for tuition, board, laundry and doctor's visits \$310 to \$365. Laboratory and student activities extra. Year's enrolment at all levels, 308.



**Mount Allison University,  
Sackville, N. B.**

A co-educational institution of the United Church. Degree courses in Arts, Science, Fine Arts, Music, Home Economics and Education. Diploma courses in Secretarial Science, Finance, Applied Art, and junior years of Engineering. Fees including tuition, board and room \$650-\$700 per year. Full-time enrolment of university grade, 388 men, 240 women. Preparatory work conducted in *Mount Allison Academy* for boys and in *Mount Allison School* for girls. Age of admission about nine years and up in both. Residential accommodation, tuition and health services \$600 yearly.

**St. Thomas College,  
Chatham, N. B.**

A Roman Catholic college for men. Women admitted to courses in Science. Degree course in Arts and Science including Nursing Science. Preparatory department covering elementary as well as secondary years. Inclusive yearly fee for residence, tuition, laundry, etc., \$375. Full-time enrolment at all levels, 250.

**Collège Saint-Louis,  
Edmundston, N. B.**

A French-language Roman Catholic classical college for boys conducted by the Eudistes. Has degree-granting powers. Residence fees including tuition, \$325 per year. Miscellaneous fees about \$60. Enrolment at all levels 293.

**Université du Sacré-Cœur,  
Bathurst West, N. B.**

A Roman Catholic, French-language, classical college for boys, conducted by the Eudist Fathers. Women admitted to courses in Science. Exercises degree-granting powers. Residence, tuition and laundry \$240 yearly. Year's enrolment at all levels, 372.

**Université Saint-Joseph,  
Saint-Joseph, N. B.**

A Roman Catholic dual-language (French and English) Arts college for boys, conducted by the Congregation of the Holy Cross. Degrees granted in Arts, Science, Education and Commerce.

Inclusive year's fee for residence, tuition, etc., \$258. Teaches upper elementary as well as high school and college level. Total year's enrolment, 431.

**Bishop's University,  
Lennoxville, Que.**

An institution of the Anglican Church for men and women conferring degrees in Arts, Science and Theology. Residence accommodation \$450 yearly, tuition \$200, student association \$24, etc. Year's enrolment, 182 men, 57 women. Preparatory school for boys of ages 8-18 is Bishop's College School, annual inclusive fee at which is \$750.

**Sir George Williams College,  
Montreal, Que.**

A college conducted by the Young Men's Christian Association of Montreal, for men and women, exercising degree-conferring powers in Arts, Science and Commerce. Courses also in Fine Arts, Applied Arts and Crafts. Residence accommodation in Y. M. C. A. and Y. W. C. A. Tuition \$185 yearly, laboratory extra, other small fees. Full-time enrolment of university grade, 650 men, 132 women; larger night classes. Also operates a high school department.

**Loyola College,  
Montreal, Que.**

An English-language college for men conducted by the Jesuit Fathers, affiliated with the *University of Montreal*, which grants degrees for the college courses. Degree credit courses are given in Arts, Commerce, Science and Engineering. Year's residence, room, board, laundry, \$580. Tuition fees \$132-\$225 yearly. Laboratory and sundry fees additional. Enrolment 345. Preparatory courses in Loyola College High School.

**Université Laval,  
Québec, Qué.**

One of the oldest seats of learning in Canada, and one of the two large French-language universities. Pontifical as well as civil charter. It has the following faculties: Theology, Canon Law, Philosophy, Social Science, (including higher School of Commerce

and School of Social Service), Law, Medicine (including Schools of Hospital Science), Letters (including the Institute of History and Geography), Science (including the School of Surveying and Forest Engineering, Higher School of Fisheries, School of Pharmacy, School of Mines, Superior Normal School, School of Chemistry, and School of Electricity), Agriculture (Ecole Supérieure d'Agriculture at Ste-Anne-de-la-Pocatière), Graduate School, and Faculty of Arts. The Arts Faculty includes School of Music, School of Vocational Guidance and Pedagogy, Higher School of Domestic Science (at St. Pascal), and numerous affiliated institutions of higher primary and secondary education. Residence accommodation in Quebec City at the Student's House or affiliated institutions \$300-\$450 yearly. Tuition in Letters, Philosophy, Law, Forestry, Pharmacy, Commerce, and Science \$200; Medicine (Canadian students) \$200, other \$400.

The affiliated boy's colleges and seminaries where the eight-year classical course for the B. A. degree may be taken are the following:

Le Petit Séminaire de Québec, Québec  
 Le Petit Séminaire de Nicolet, Nicolet  
 Le Collège de Ste-Anne-de-la-Pocatière, Ste-Anne-de-la-Pocatière  
 Le Petit Séminaire St-Joseph, Trois-Rivières  
 Le Petit Séminaire de Saint-Germain, Rimouski  
 Le Petit Séminaire de Chicoutimi, Chicoutimi  
 Le Collège de Lévis, Lévis  
 Le Petit Séminaire de Mont-Laurier, Mont-Laurier  
 Le Collège St-Alexandre, Pointe-Gatineau  
 L'Ecole apostolique Notre-Dame, Lévis  
 Le Séminaire du Sacré-Coeur, St-Victor  
 Le Séminaire de Gaspé, Gaspé  
 Le Collège des Jésuites, Québec  
 Le Séminaire St-Alphonse, Ste-Anne de Beaupré et Aylmer  
 Le Séminaire St-Antoine, Trois-Rivières et Québec  
 L'Externat Saint-Jean-Eudes, Québec  
 Le Séminaire Montfortain, Papineauville  
 Le Collège d'Amos, Amos  
 Juvénat des Pères Maristes, Sillery  
 Le Collège des Jésuites, Sudbury, Ont.

The annual inclusive fee for residence and tuition in most of these institutions is \$250, \$270 in some, \$300 at Quebec City.

The corresponding institutions for girls, i.e., where the complete eight-year classical course may be obtained, are the following:

Les Dames de Jésus-Marie. Sillery (Collège de Sillery)  
 Les Dames de l'Assomption (Pensionnat de Nicolet)  
 Les Dames Ursulines des Trois-Rivières (Collège Marie de l'Incarnation)  
 Les Dames Ursulines de Québec (Collège de Québec)

Les Dames de la Congrégation de Notre-Dame (Pensionnat N.-D. de Bellevue, Québec)  
 Les Dames Ursulines de Rimouski (Collège des Ursulines de Rimouski)  
 Les Soeurs Grises de la Croix (Scolasticat-Ecole normale de Hull)  
 Pensionnat des Dames du Bon Pasteur, Chicoutimi.

The full-time enrolment of students of university grade in Laval University is about 4,293 men, 311 women. Enrolment in affiliated institutions at the secondary level is about 6,660 males, 2,877 females.

### **Université de Montréal, Montréal, Qué.**

The largest French-language university outside France, formerly a branch of Laval University, independent since 1920. It has the following faculties in addition to Arts: Theology, Law, Medicine, Philosophy (including an Institute of Medieval Studies and Institute of Psychology), Letters, Science, Dental Surgery, Pharmacy, and Social Science. Affiliated professional schools are *Institut Agricole* at Oka, *École de Médecine Vétérinaire* at St-Hyacinthe, *École Polytechnique*, *École des Hautes Études Commerciales*, *École d'Optométrie*, *École Technologie Médicale* and *École d'Hygiène* at Montreal. There are also two affiliated institutes of pedagogy (one for women, one for men), and an institute for the training of teachers of nursing. Associated with the University also are several school of Music, schools of Household Science, a school of Elocution and Oratory, Librarians' and Social Workers' schools, an institute of Professional Orientation, and a school of Catholic Action. The annual fee for registration, tuition, library and examinations for students of Quebec Province is: Medicine \$225; Dentistry \$260; Law \$225; *Ecole Polytechnique* \$225. Other courses range from \$200-\$250 per year. Students from other provinces and other countries pay 20 p. c. more. Laboratory fees, student fees, etc., are additional.

The affiliated French-language boys' colleges and seminaries, where the eight-year classical course leading to the B. A. degree may be pursued, are the following:

Collège André-Grasset, Montréal  
 Séminaire Marie-Médiatrice, Montréal  
 Petit séminaire de Montréal  
 Séminaire de Saint-Hyacinthe  
 Séminaire de Sainte-Thérèse  
 Collège de l'Assomption  
 Séminaire de Joliette  
 Collège Sainte-Marie, Montréal

Collège Bourget, Rigaud  
Collège de Saint-Laurent  
Séminaire Saint-Charles-Borromée, Sherbrooke  
Séminaire de Valleyfield  
Collège de Saint-Jean-sur-Richelieu  
Séminaire Sainte-Croix, St-Laurent  
Collège Jean-de-Brébeuf, Montréal  
Externat classique de St-Sulpice, Montréal  
Externat classique de Ste-Croix, Montréal  
Collège Saint-Christophe, Îles Saint-Pierre et Miquelon  
Juvénat du T.-S.-Sacrement, Terrebonne  
Collège Stanislas, Montréal  
Juniorat de Chambly-Bassin  
Collège Séraphique, Ottawa

The inclusive fee for residence and tuition ranges from \$300-\$400 in most of these colleges. The corresponding institutions for girls are the following, and the annual fee in them is from \$350 up:

Collège Marguerite Bourgeoys, Montréal  
Collège St. Maurice, St-Hyacinthe  
Collège Basile-Moreau, St-Laurent  
Collège Marie-Anne, Lachine  
Collège Jésus-Marie, Outremont  
Collège du Sacré-Coeur, Sherbrooke

The full-time enrolment of university grade in all faculties of the university is about 4,064 men and 1,398 women. The full-time enrolment in affiliated institutions of secondary and other grades is about 7,792 men and 4,798 women.

#### **Université d'Ottawa, Ottawa, Ont.**

A bilingual institution conducted by the Oblates of Mary Immaculate. Pontifical as well as civil charter. Structure of its curriculum affected by serving both English- and French-language school systems. The eight-year academic course is divided between a Faculty of Arts and a high school department. Some options allowed in Arts but, as in French system, Honours (specialized) degrees are not available. Degree courses also in Theology, Canon Law, Philosophy, Commerce, Pure Science, Nursing, Law, Education, Medicine, Engineering, Physical Education, Library Science. Operates a normal school for training bilingual teachers. Post-graduate Arts courses in evening and Saturday classes. Board, room and laundry \$300. Tuition in Arts \$150-\$200; Commerce and Science \$175-\$225; Physical Education \$225-\$300; Medicine \$300 per year. Laboratory, registration, etc., additional. Affiliated Girls' Colleges at Ottawa where the high school and Arts courses may be taken are *Collège Bruyère* and *Collège Notre Dame*. Full-time students in the university and affiliated colleges number 2,187 males, 392 females, rather more than half of whom are in the high school department.



The University of Ottawa has several affiliated colleges in the Provinces of Saskatchewan and Alberta. See also under St. Patrick's College.

**St. Patrick's College,  
Ottawa, Ontario**

English-language Arts College and high school conducted by the Oblates of Mary Immaculate under the same charter as the University of Ottawa. Awards degrees in Arts, Science, Commerce and Social Science. Room, board and laundry \$325. Tuition \$110-\$125, laboratory, student fees, etc., additional. High school enrolment 506, full-time Arts 200 men and 86 women.

**St. Michael's College and Pontifical Institute of Mediaeval Studies,  
Toronto, Ont.**

St. Michael's is an Arts College conducted by the Basilian Fathers (in federation with the University of Toronto). It operates a high school department for boys. Girls students at the Arts and high school level, respectively, are accommodated at *St. Joseph's College* and *Loretta Abbey College*. Associated with *St. Michael's* is the Pontifical Institute of Mediaeval Studies, a centre of post-graduate studies possessing a Papal charter.

**Collège de St. Boniface,  
St. Boniface, Man.**

A French-language classical college conducted by the Jesuit Fathers for which the degrees are conferred by the University of Manitoba. Residence, board, laundry, \$27 monthly.

**C. TECHNICAL AND PROFESSIONAL SCHOOLS NOT A  
PART OF UNIVERSITY SYSTEMS**

Except for theological institutions there are few professional or higher technical schools in Canada which are not included in A or B, i.e., not constituting part of the university systems. No attempt is made in this document to provide a complete list of centres of theological teaching.

In provinces on the Atlantic seaboard there is the *Nova Scotia Technical College*, a provincial institution at Halifax, which receives students who have taken the junior years of

Engineering in half a dozen Arts colleges, teaches the final two years of the Engineering course and awards the B. Sc. degree. At Truro there is the *Nova Scotia College of Agriculture*, a provincial institution teaching the first two years of a degree course which is accepted as the equivalent of their junior years by the agricultural colleges of other provinces. A third provincial institution is the *Nova Scotia College of Art* at Halifax. At Halifax, too, is the *Maritime School of Social Work* which operates in collaboration with the various universities of the Maritimes in training students for professional careers in social service.

In the Province of Quebec, there are several specialized teaching centres for arts and crafts, supported by the Provincial Government, which are not affiliated with the universities. There are the two *Ecoles des Beaux-Arts*, at Quebec City, and Montreal a full five-year course in Architecture being included among the courses available at the latter centre. *L'Ecole du Meuble* at Montreal and *L'Ecole des Arts domestiques* at Quebec City should perhaps also be mentioned. The former is concerned with furniture design and the use of native woods, the latter with the encouragement of rural handicrafts.

In Ontario there are a few provincial professional schools not constituting part of the University of Toronto system. *Osgoode Hall Law School*, the *College of Optometry of Ontario*, and the *Ontario College of Art* are all located at Toronto. Each of the three is the largest school of its kind in Canada. There are four Provincial Technical Institutes: The *Institute of Mining* at Haileybury for mining technicians; the *Institute of Textiles*, Hamilton, gives courses in knitting, weaving, textile dyeing and finishing; the *Lakehead Provincial Institute*, Port Arthur, gives first year university courses in Forestry, Applied Science and General Arts; and the *Ryerson Institute of Technology* at Toronto gives courses Junior College level in polytechnics, including Electrical Technology, Draughting, Industrial Chemistry, Food Technology, Graphic Arts, Costume and Jewellery Design, Furniture Arts and Business.

In the four western provinces practically all of the higher technical or professional schools except schools of Art are part of the provincial university systems. There is the *Vancouver School of Decorative and Applied Art*, the *Alberta Province Institute of Technology and Art* at Calgary, and the *Manitoba Technical Institute* at Winnipeg.









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